

American Century Inflation Adjs Bond Inv ACITX

Morningstar Category
Inflation-Protected Bond

Morningstar Index
Bloomberg US Treasury US TIPS TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 20.85 years.

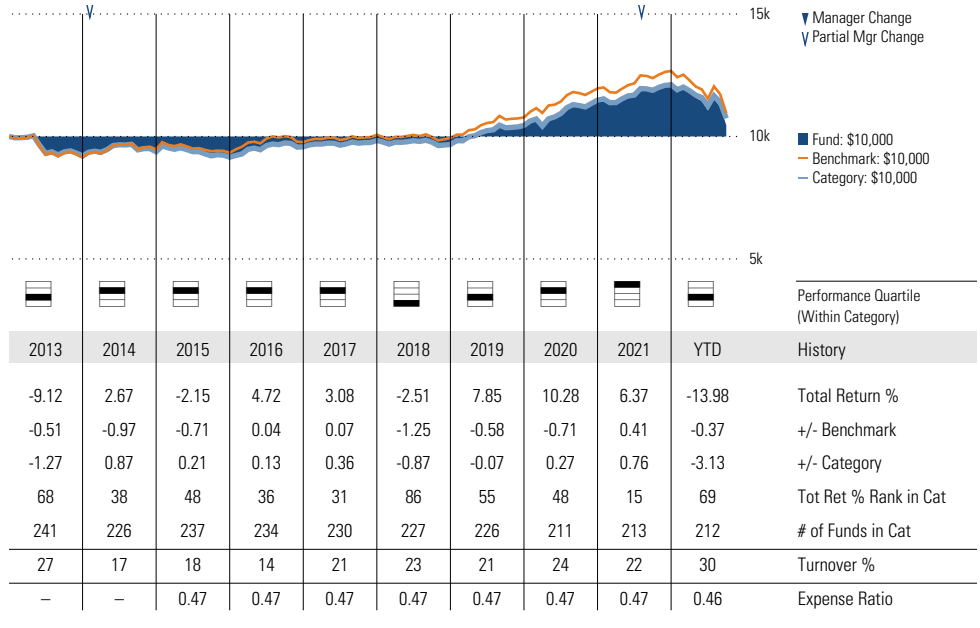
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.46 is 22.03% lower than the Inflation-Protected Bond category average.

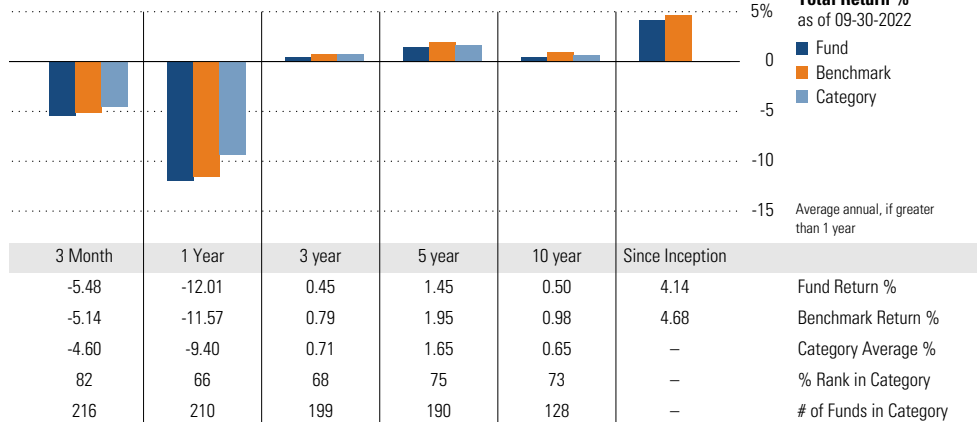
Morningstar Investment Management LLC Analysis

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

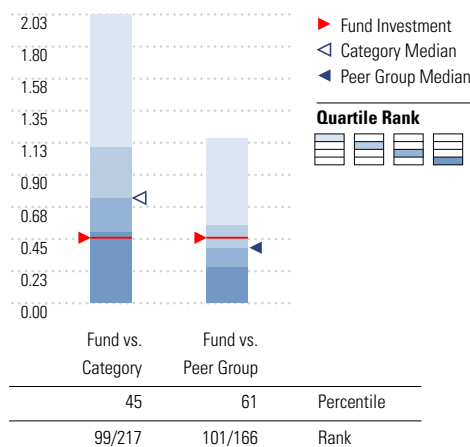
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.35	-	0.20
Beta	1.02	-	0.91
R-Squared	98.44	-	88.08
Standard Deviation	7.04	6.87	6.78
Sharpe Ratio	0.01	0.06	0.10
Tracking Error	0.89	-	2.52
Information Ratio	-0.39	-	-0.20
Up Capture Ratio	99.51	-	92.73
Down Capture Ratio	103.52	-	90.87

Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	7.36	4.52	6.08
Avg Eff Maturity	7.74	-	6.57

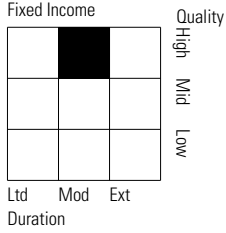
American Century Inflation Adjs Bond Inv ACITX

Morningstar Category
Inflation-Protected Bond

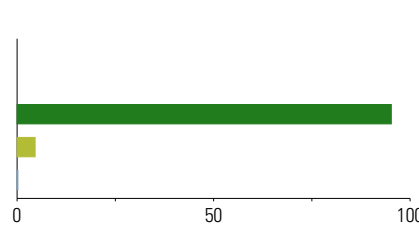
Morningstar Index
Bloomberg US Treasury US TIPS TR USD

Style Analysis as of 09-30-2022

Style Breakdown



Asset Allocation as of 09-30-2022

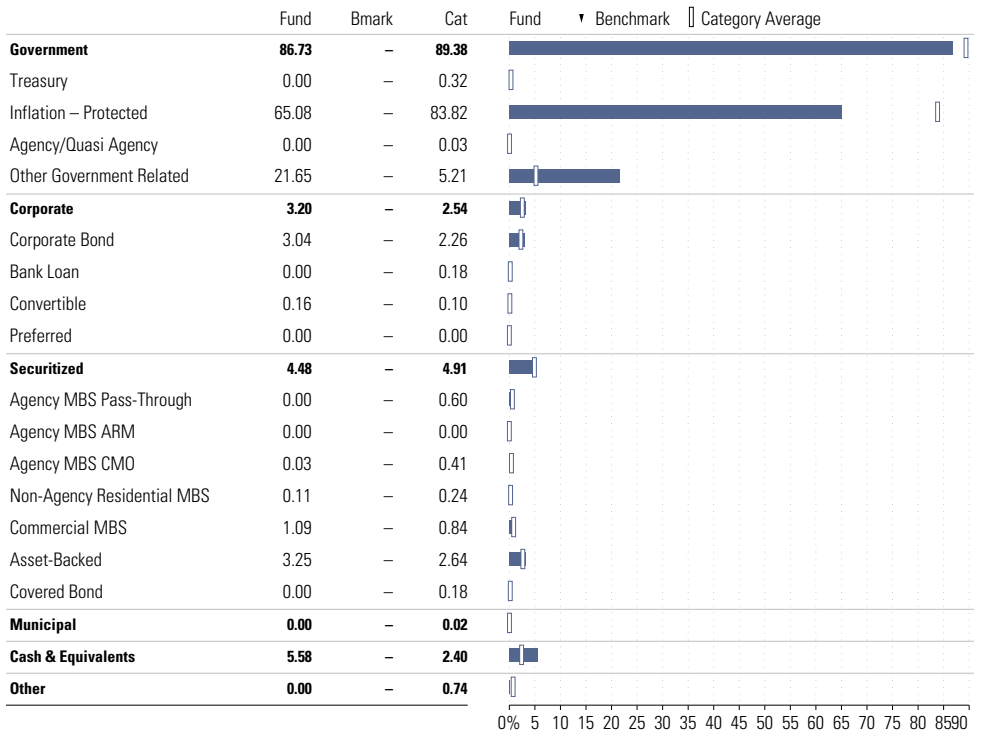


Asset Class	Net %	Cat%
US Stocks	0.00	0.15
Non-US Stocks	0.00	0.00
Bonds	95.21	97.50
Cash	4.58	1.40
Other	0.20	0.95
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	88.81	0.00	94.89
AA	1.16	99.60	0.55
A	2.59	0.00	1.01
BBB	3.32	0.00	2.40
BB	0.09	0.00	0.41
B	0.00	0.00	0.24
Below B	0.00	0.00	0.11
Not Rated	4.03	0.40	0.39

Sector Weighting as of 09-30-2022



Top 10 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Notes 0.125%	10-2025	6.44	6.44	-
⊕ United States Treasury Notes 0.625%	01-2026	5.15	11.59	-
⊕ United States Treasury Bonds 2%	01-2026	3.89	15.49	-
⊕ 5 Year Treasury Note Future June 22	06-2022	3.45	18.94	-
⊖ United States Treasury Notes 0.125%	01-2023	3.43	22.37	-
⊕ United States Treasury Notes 0.25%	01-2025	2.96	25.32	-
⊕ United States Treasury Bonds 1.375%	02-2044	2.90	28.22	-
⊕ United States Treasury Notes 0.5%	01-2028	2.79	31.01	-
⊕ Landesbank Baden Wurttemberg New York Branch 0%	04-2022	2.73	33.74	-
⊕ United States Treasury Notes 0.125%	01-2031	2.72	36.46	-

Total Holdings 216

⊕ Increase ⊖ Decrease ✱ New to Portfolio

American Century Mid Cap Value Inv ACMVX

Morningstar Category
Mid-Cap Value

Morningstar Index
Russell Mid Cap Value TR USD

Portfolio Manager(s)

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

Quantitative Screens

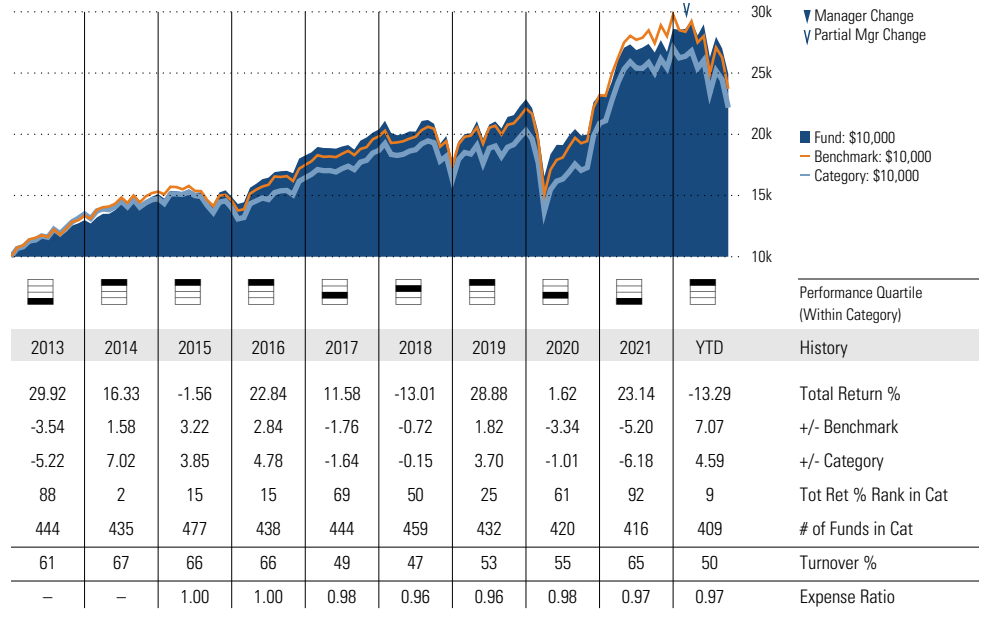
✔ **Performance:** The fund has finished in the Mid-Cap Value category's top three quartiles in 8 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 18.51 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 0.97 is 2.02% lower than the Mid-Cap Value category average.

Growth of \$10,000



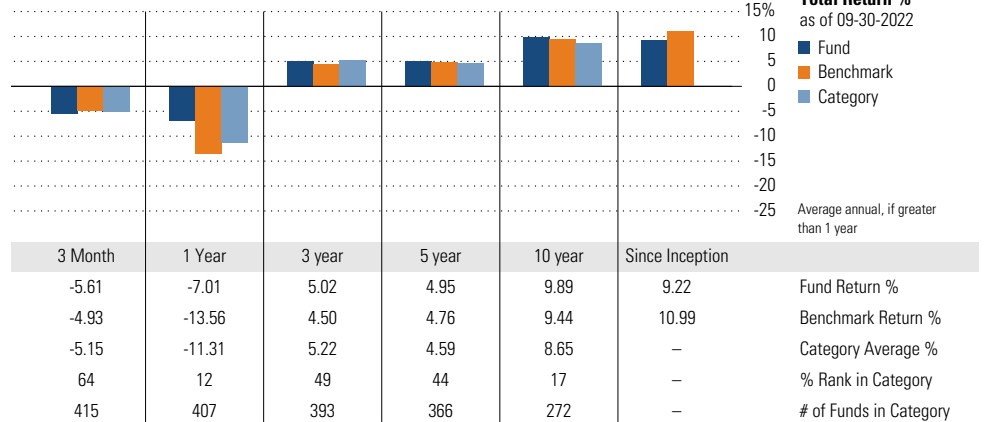
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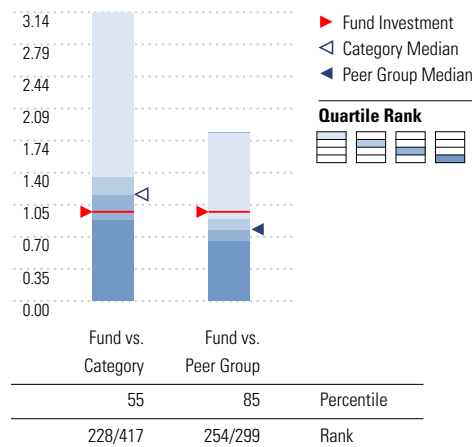
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	08-31-2022
Carbon Risk Score	Medium Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022

Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.06	-	0.52
Beta	0.83	-	1.00
R-Squared	96.42	-	96.16
Standard Deviation	20.14	23.86	24.29
Sharpe Ratio	0.32	0.28	0.29
Tracking Error	5.58	-	5.16
Information Ratio	0.13	-	0.07
Up Capture Ratio	86.05	-	99.34
Down Capture Ratio	82.21	-	98.03

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.47	12.78	12.07
Price/Book Ratio	2.20	1.86	1.68
Geom Avg Mkt Cap \$B	18.01	14.50	11.80
ROE	15.62	15.61	18.22

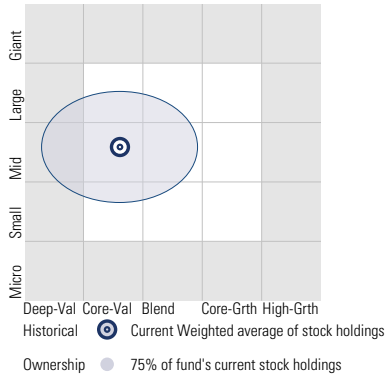
American Century Mid Cap Value Inv ACMVX

Morningstar Category
Mid-Cap Value

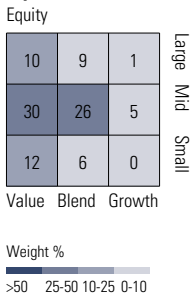
Morningstar Index
Russell Mid Cap Value TR USD

Style Analysis as of 09-30-2022

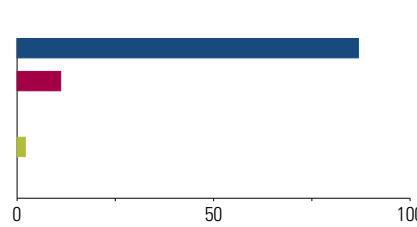
Morningstar Style Box™



Style Breakdown

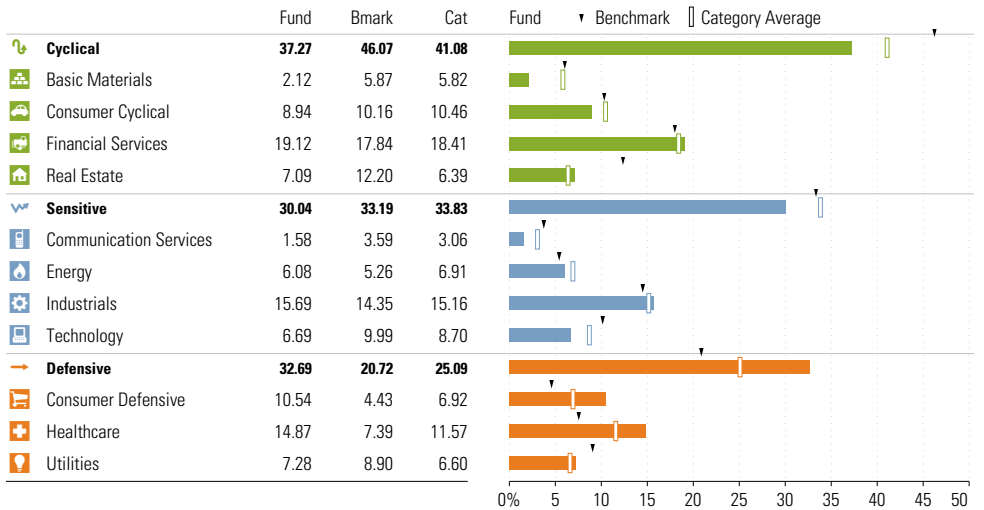


Asset Allocation as of 09-30-2022



Asset Class	Net %	Cat%
US Stocks	86.84	90.50
Non-US Stocks	11.08	6.72
Bonds	0.00	0.05
Cash	2.08	2.46
Other	0.00	0.26
Total	100.00	100.00

Sector Weighting as of 09-30-2022



Top 15 Holdings as of 09-30-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Zimmer Biomet Holdings Inc	3.33	3.33	-14.74	Healthcare
⊕ Northern Trust Corp	2.39	5.72	-26.67	Financial Services
⊕ Southwest Airlines Co	2.09	7.81	-28.01	Industrials
⊕ Emerson Electric Co	2.03	9.84	-19.58	Industrials
⊕ Bank of New York Mellon Corp	2.01	11.85	-31.87	Financial Services
⊕ iShares Russell Mid-Cap Value ETF	2.01	13.86	-	-
⊕ Dollar Tree Inc	1.99	15.85	-3.15	Consumer Defensive
⊕ Advance Auto Parts Inc	1.98	17.83	-32.95	Consumer Cyclical
⊕ Allstate Corp	1.96	19.80	8.02	Financial Services
⊕ Conagra Brands Inc	1.95	21.74	-1.65	Consumer Defensive
⊕ Edison International	1.86	23.60	-14.02	Utilities
⊕ Universal Health Services Inc Class B	1.83	25.43	-31.53	Healthcare
⊕ Quest Diagnostics Inc	1.78	27.22	-27.96	Healthcare
⊕ Devon Energy Corp	1.72	28.94	45.18	Energy
⊕ Reinsurance Group of America Inc	1.71	30.65	16.97	Financial Services

Total Holdings 102

⊕ Increase ⊖ Decrease ✨ New to Portfolio

American Century Real Estate Inv REACX

Morningstar Category
Real Estate

Morningstar Index
S&P United States REIT TR USD

Portfolio Manager(s)

Steven Brown since 11-2008
Steven Rodriguez since 12-2009
Vishal Govil since 12-2011

Quantitative Screens

✔ **Performance:** The fund has finished in the Real Estate 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 13.88 years.

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

✔ **Net Expense:** The fund's expense ratio of 1.14 is 10.68% higher than the Real Estate category average.

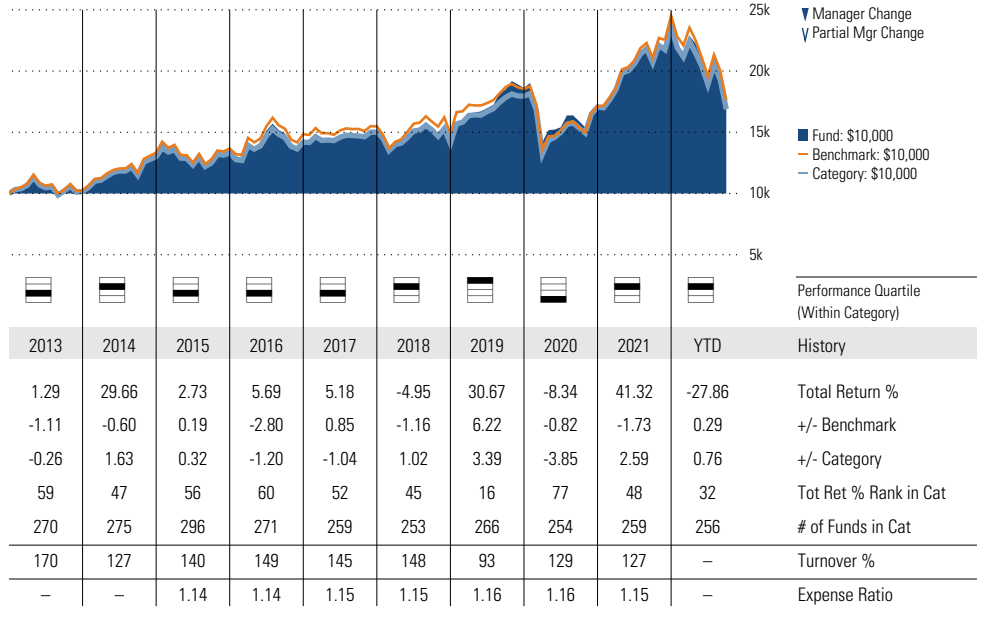
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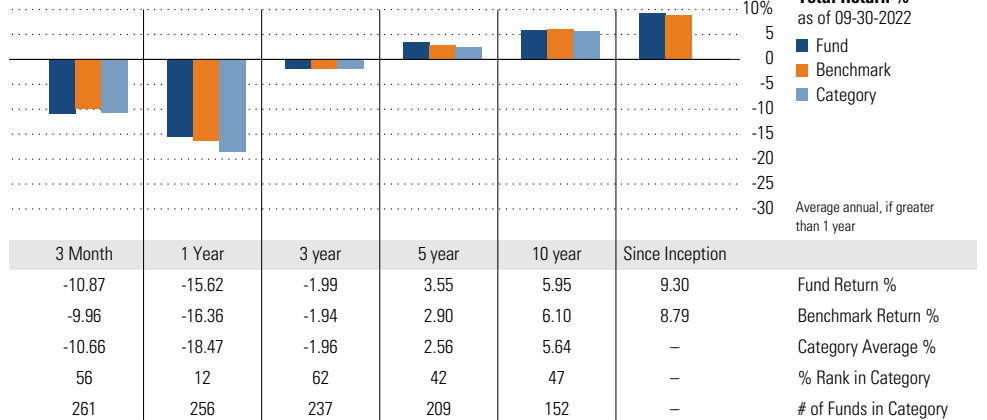
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022

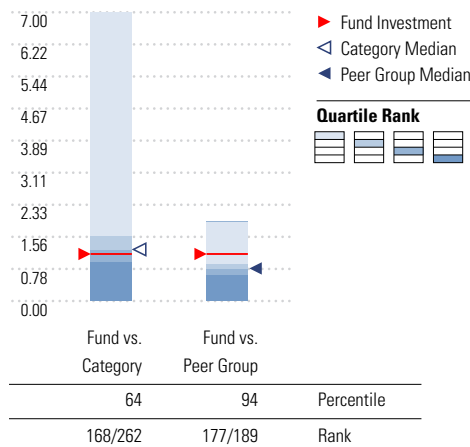
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.03	-	0.40
Beta	0.94	-	0.94
R-Squared	97.05	-	93.58
Standard Deviation	21.95	23.04	22.38
Sharpe Ratio	0.00	0.01	0.04
Tracking Error	4.03	-	5.35
Information Ratio	0.05	-	0.10
Up Capture Ratio	97.95	-	96.35
Down Capture Ratio	97.55	-	95.31

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	36.93	38.46	26.25
Price/Book Ratio	3.08	2.42	2.16
Geom Avg Mkt Cap \$B	26.66	9.35	25.36
ROE	11.57	9.56	17.30

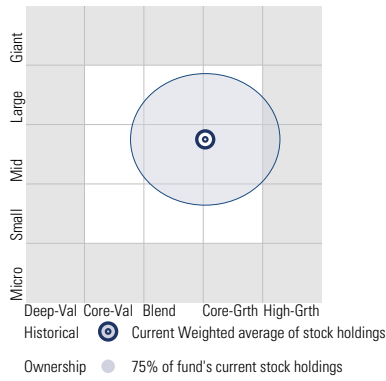
American Century Real Estate Inv REACX

Morningstar Category
Real Estate

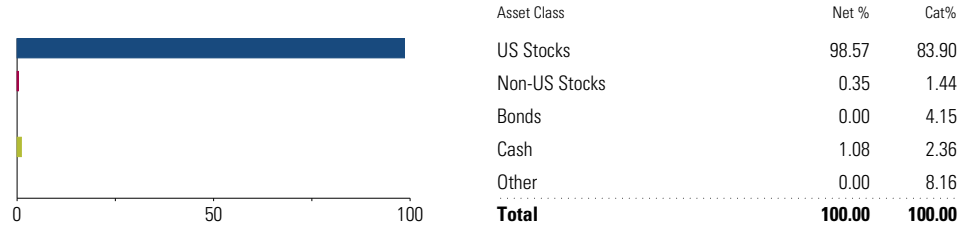
Morningstar Index
S&P United States REIT TR USD

Style Analysis as of 09-30-2022

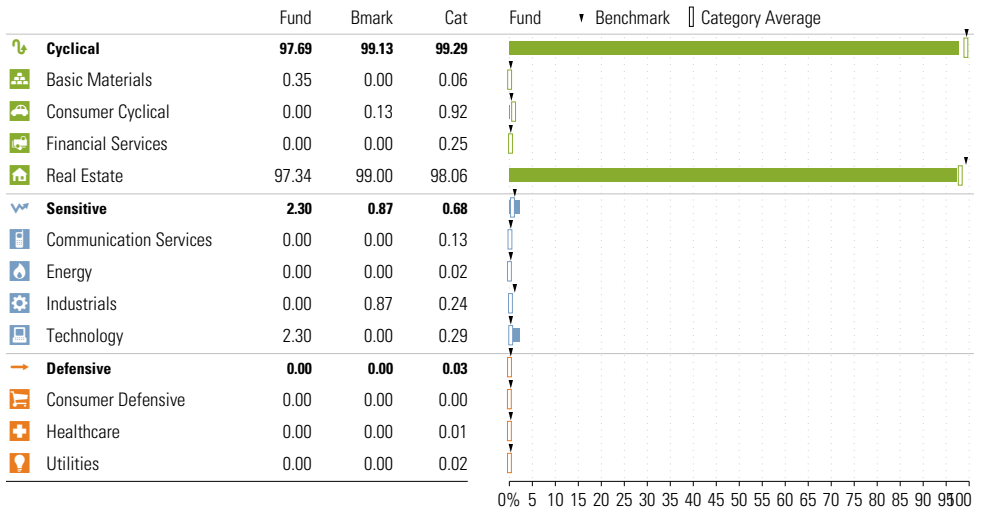
Morningstar Style Box™



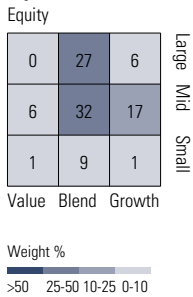
Asset Allocation as of 09-30-2022



Sector Weighting as of 09-30-2022



Style Breakdown



Top 15 Holdings as of 09-30-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Prologis Inc	10.46	10.46	-38.25	Real Estate
⊕ Crown Castle International Corp	6.49	16.95	-28.64	Real Estate
⊕ Welltower Inc	6.06	23.01	-22.88	Real Estate
⊕ Public Storage	5.99	28.99	-16.71	Real Estate
⊕ AvalonBay Communities Inc	5.41	34.40	-25.19	Real Estate
⊖ SBA Communications Corp	5.13	39.53	-26.28	Real Estate
⊖ American Tower Corp	3.78	43.31	-25.63	Real Estate
⊕ Essex Property Trust Inc	3.72	47.03	-29.36	Real Estate
⊕ UDR Inc	3.62	50.65	-28.60	Real Estate
⊕ Kimco Realty Corp	3.27	53.92	-22.84	Real Estate
⊕ Camden Property Trust	3.26	57.18	-31.57	Real Estate
⊖ Digital Realty Trust Inc	3.19	60.37	-41.86	Real Estate
⊖ Invitation Homes Inc	3.16	63.53	-24.06	Real Estate
⊕ Ventas Inc	3.03	66.55	-18.78	Real Estate
⊖ Rexford Industrial Realty Inc	2.99	69.55	-34.72	Real Estate

Total Holdings 38

⊕ Increase ⊖ Decrease ✨ New to Portfolio

American Funds New Perspective R4 RNPEX

Morningstar Category
Global Large-Stock Growth

Morningstar Index
MSCI ACWI NR USD

Portfolio Manager(s)

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

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 21.84 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 0.76 is 29.63% lower than the Global Large-Stock Growth category average.

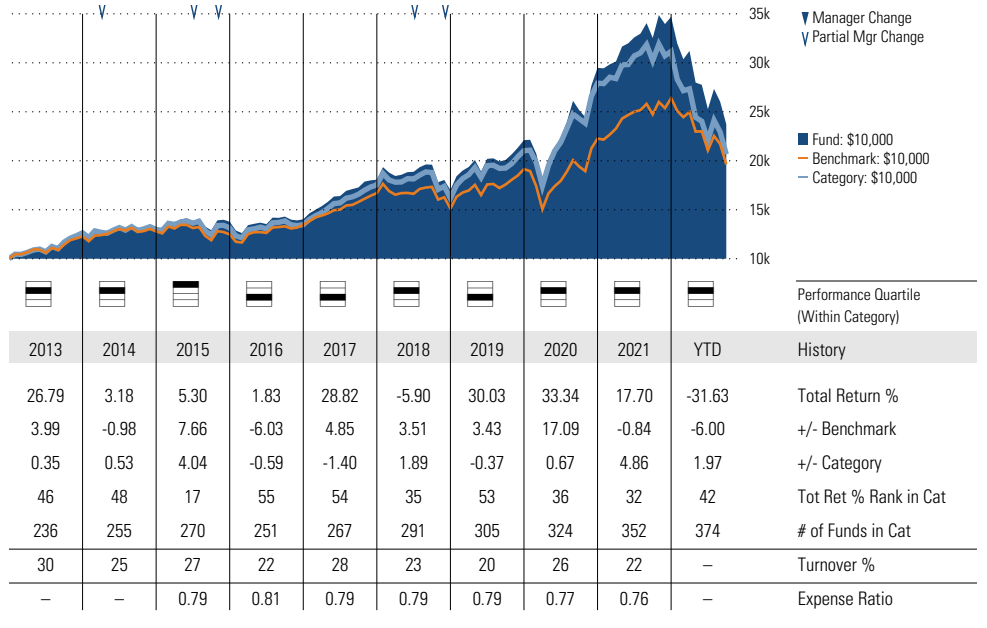
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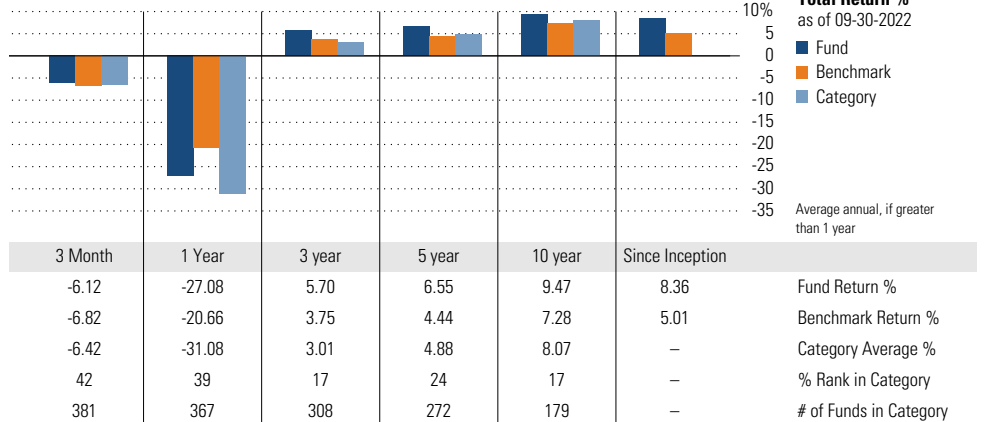
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	2-Basic	02-15-2022

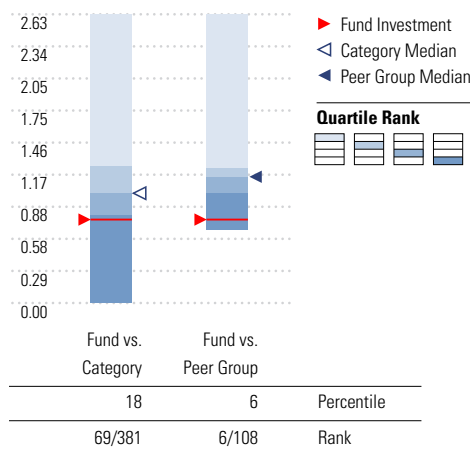
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.80	-	-0.39
Beta	1.09	-	1.05
R-Squared	95.96	-	88.49
Standard Deviation	21.63	19.40	21.81
Sharpe Ratio	0.33	0.25	0.22
Tracking Error	4.70	-	7.39
Information Ratio	0.42	-	-0.07
Up Capture Ratio	114.29	-	104.64
Down Capture Ratio	108.35	-	107.51

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.57	14.51	20.74
Price/Book Ratio	3.19	2.27	3.65
Geom Avg Mkt Cap \$B	100.40	85.50	104.55
ROE	26.11	26.08	25.43

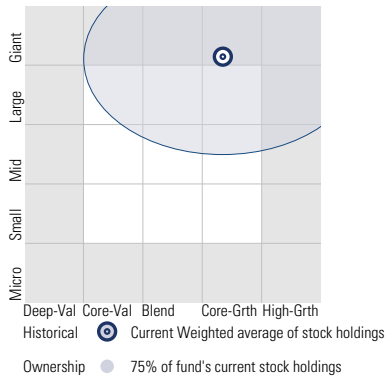
American Funds New Perspective R4 RNPEX

Morningstar Category
Global Large-Stock Growth

Morningstar Index
MSCI ACWI NR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™

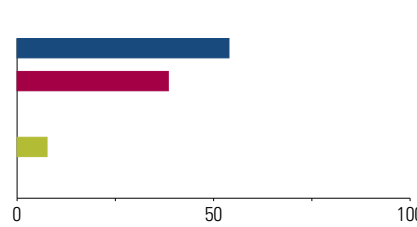


Style Breakdown

Equity			Large Mid Small
Value	Blend	Growth	
13	30	42	
2	5	8	
0	0	1	



Asset Allocation as of 09-30-2022

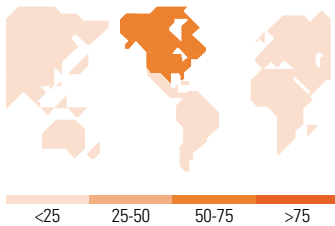


Asset Class	Net %	Cat%
US Stocks	53.91	56.34
Non-US Stocks	38.47	40.39
Bonds	0.00	0.00
Cash	7.62	2.91
Other	0.00	0.37
Total	100.00	100.00

Sector Weighting as of 09-30-2022

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
Cyclical	36.38	34.31	31.08			
Basic Materials	5.73	4.54	3.16			
Consumer Cyclical	17.52	11.20	12.63			
Financial Services	12.41	15.78	14.13			
Real Estate	0.72	2.79	1.16			
Sensitive	37.69	41.71	45.10			
Communication Services	7.01	7.48	7.71			
Energy	3.85	5.25	2.08			
Industrials	9.20	9.59	11.06			
Technology	17.63	19.39	24.25			
Defensive	25.93	23.97	23.82			
Consumer Defensive	6.63	7.83	5.62			
Healthcare	17.93	13.05	16.92			
Utilities	1.37	3.09	1.28			

World Regions % Equity 09-30-2022



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	11.29	14.50	Americas	62.73	61.21	Greater Europe	25.97	24.27	Developed Markets	95.40
Japan	3.06	4.42	North America	60.81	59.88	United Kingdom	4.84	4.85	Emerging Markets	4.60
Australasia	0.30	0.40	Central/Latin	1.92	1.33	W euro-ex UK	20.57	19.24	Not Available	0.00
Asia-4 Tigers	5.55	4.12				Emrgng Europe	0.00	0.01		
Asia-ex 4 Tigers	2.38	5.56				Africa	0.56	0.17		
Not Classified	0.00	0.00								

Top 10 Holdings as of 09-30-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	7.62	7.62	—	—
⊖ Tesla Inc	6.56	14.18	-24.70	Consumer Cyclical
⊕ Microsoft Corp	4.14	18.32	-30.20	Technology
⊖ Taiwan Semiconductor Manufacturing Co Ltd	2.19	20.51	-30.04	Technology
⊖ Meta Platforms Inc Class A	1.53	22.04	-59.66	Communication Svc
⊖ Amazon.com Inc	1.45	23.49	-32.22	Consumer Cyclical
⊖ Eli Lilly and Co	1.43	24.92	18.13	Healthcare
⊕ Novo Nordisk A/S Class B	1.42	26.34	4.70	Healthcare
⊖ Nestle SA	1.31	27.64	-14.55	Consumer Defensive
⊖ Alphabet Inc Class C	1.29	28.93	-33.54	Communication Svc

Total Holdings 300

⊕ Increase ⊖ Decrease ✱ New to Portfolio

American Funds New World R4 RNWEX

Morningstar Category
Diversified Emerging Mkts

Morningstar Index
MSCI EM NR USD

Portfolio Manager(s)

Carl Kawaja since 06-1999
 Robert Lovelace since 06-1999
 Nicholas Grace since 01-2008
 Christopher Thomsen since 01-2009
 Winnie Kwan since 01-2009
 Tomonori Tani since 10-2013
 Jonathan Knowles since 01-2016
 Bradford Freer since 01-2017
 Akira Shiraishi since 01-2017
 Lisa Thompson since 10-2019
 Kirstie Spence since 12-2019
 Dawid Justus since 01-2020
 Piyada Phanaphat since 01-2020

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 23.3 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 0.92 is 20.69% lower than the Diversified Emerging Mkts category average.

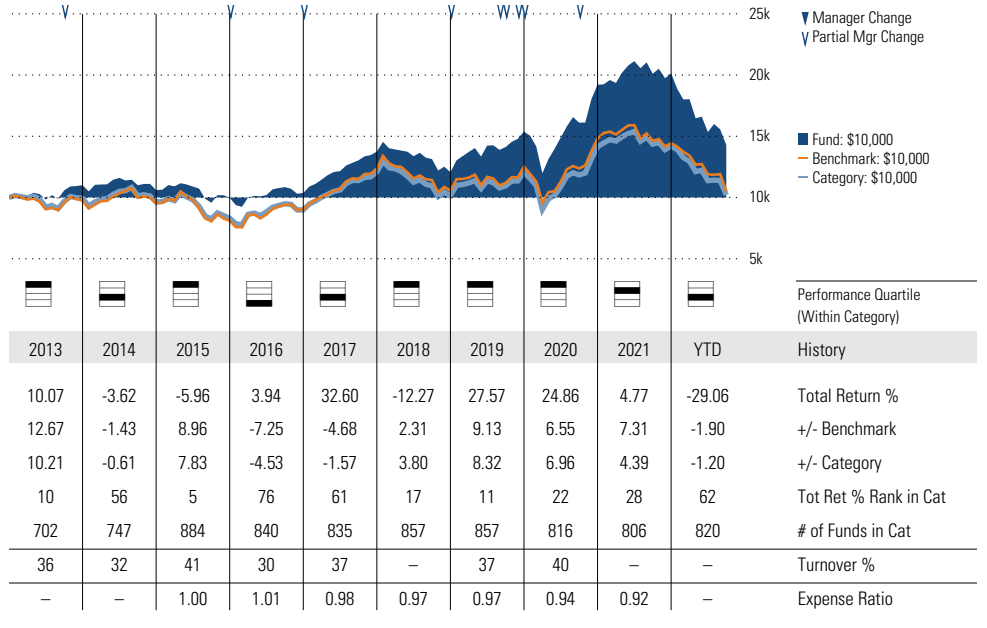
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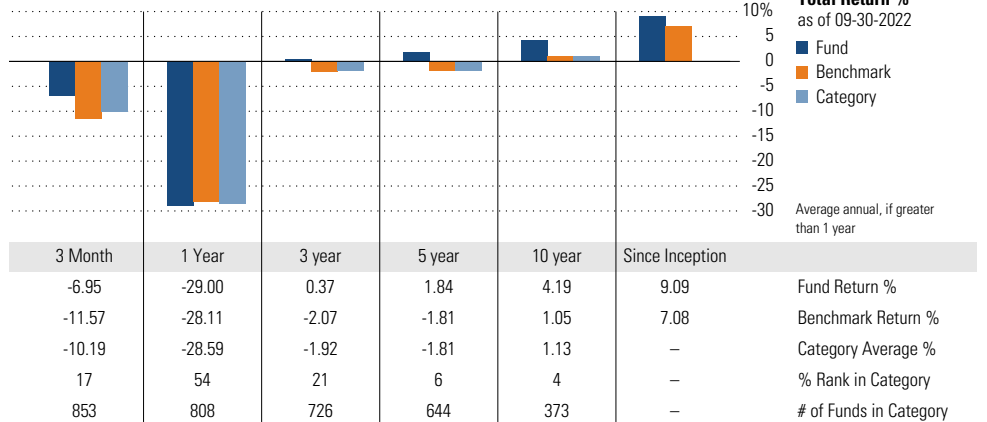
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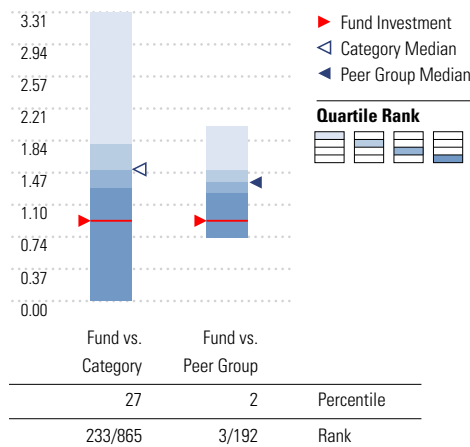
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	2.50	-	-0.04
Beta	0.93	-	1.01
R-Squared	83.06	-	89.15
Standard Deviation	19.53	19.18	20.61
Sharpe Ratio	0.08	-0.05	-0.05
Tracking Error	8.16	-	6.63
Information Ratio	0.30	-	-0.10
Up Capture Ratio	100.63	-	101.61
Down Capture Ratio	91.29	-	102.73

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	15.80	9.97	10.69
Price/Book Ratio	2.67	1.51	1.71
Geom Avg Mkt Cap \$B	49.35	30.78	38.21
ROE	23.44	17.48	18.39

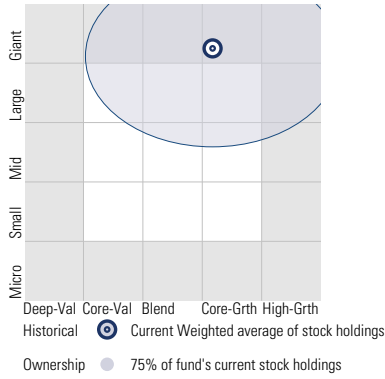
American Funds New World R4 RNWEX

Morningstar Category
Diversified Emerging Mkts

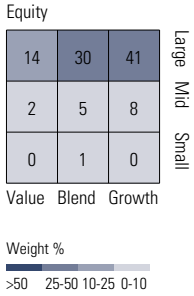
Morningstar Index
MSCI EM NR USD

Style Analysis as of 09-30-2022

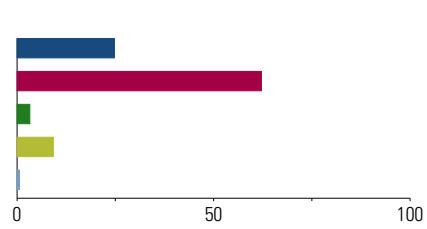
Morningstar Style Box™



Style Breakdown

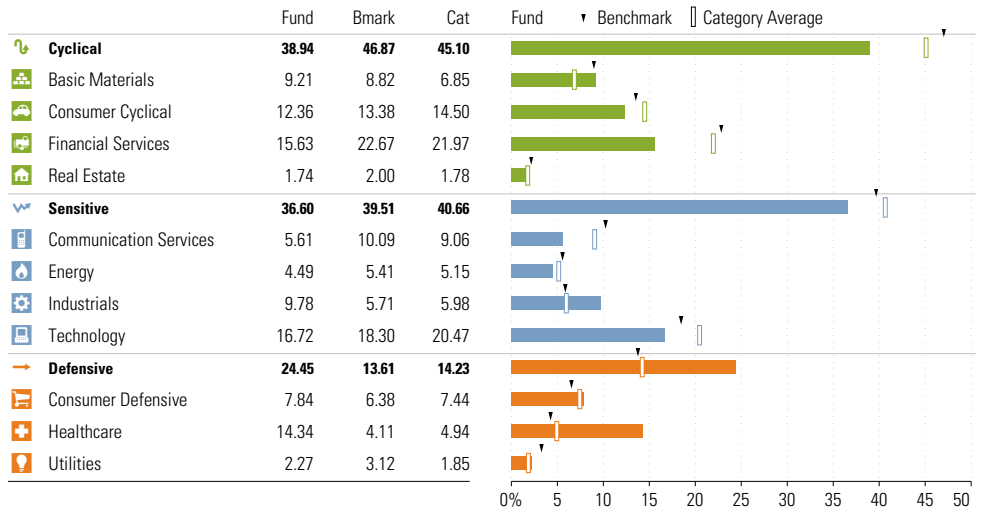


Asset Allocation as of 09-30-2022



Asset Class	Net %	Cat%
US Stocks	24.77	3.08
Non-US Stocks	62.17	94.37
Bonds	3.24	0.04
Cash	9.22	2.74
Other	0.61	-0.24
Total	100.00	100.00

Sector Weighting as of 09-30-2022



World Regions % Equity 09-30-2022



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	39.96	75.82	Americas	39.27	14.15	Greater Europe	20.78	10.02	Developed Markets	59.14
Japan	2.37	0.09	North America	30.17	3.05	United Kingdom	2.68	0.64	Emerging Markets	40.86
Australasia	0.71	0.04	Central/Latin	9.10	11.10	W euro-ex UK	16.04	1.63	Not Available	0.00
Asia-4 Tigers	6.72	24.94				Emrgng Europe	0.17	1.13		
Asia-ex 4 Tigers	30.16	50.75				Africa	1.89	6.62		
Not Classified	0.00	0.00								

Top 10 Holdings as of 09-30-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	9.10	9.10	-	-
Microsoft Corp	3.08	12.18	-30.20	Technology
Kotak Mahindra Bank Ltd	2.15	14.32	1.34	Financial Services
Taiwan Semiconductor Manufacturing Co Ltd	1.84	16.16	-30.04	Technology
Kweichow Moutai Co Ltd Class A	1.75	17.91	-7.71	Consumer Defensive
Reliance Industries Ltd	1.71	19.63	0.71	Energy
Novo Nordisk A/S Class B	1.31	20.94	4.70	Healthcare
Thermo Fisher Scientific Inc	1.27	22.21	-23.85	Healthcare
AIA Group Ltd	1.23	23.44	-14.84	Financial Services
Eli Lilly and Co	1.20	24.64	18.13	Healthcare

Total Holdings 582

⊕ Increase ⊖ Decrease ✨ New to Portfolio

American Funds Washington Mutual R4 RWMEX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

Portfolio Manager(s)

Alan Berro since 07-1997
 Jeffrey Lager since 07-2004
 Alan Wilson since 07-2013
 Diana Wagner since 06-2014
 Jin Lee since 07-2014
 Eric Stern since 11-2014
 Irfan Furniturewala since 06-2015
 Emme Kozloff since 07-2016
 Mark Casey since 07-2016

Quantitative Screens

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

Management: The fund's management has been in place for 25.27 years.

Style: The fund has landed in its primary style box — Large Blend — 30 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.61 is 23.75% lower than the Large Blend category average.

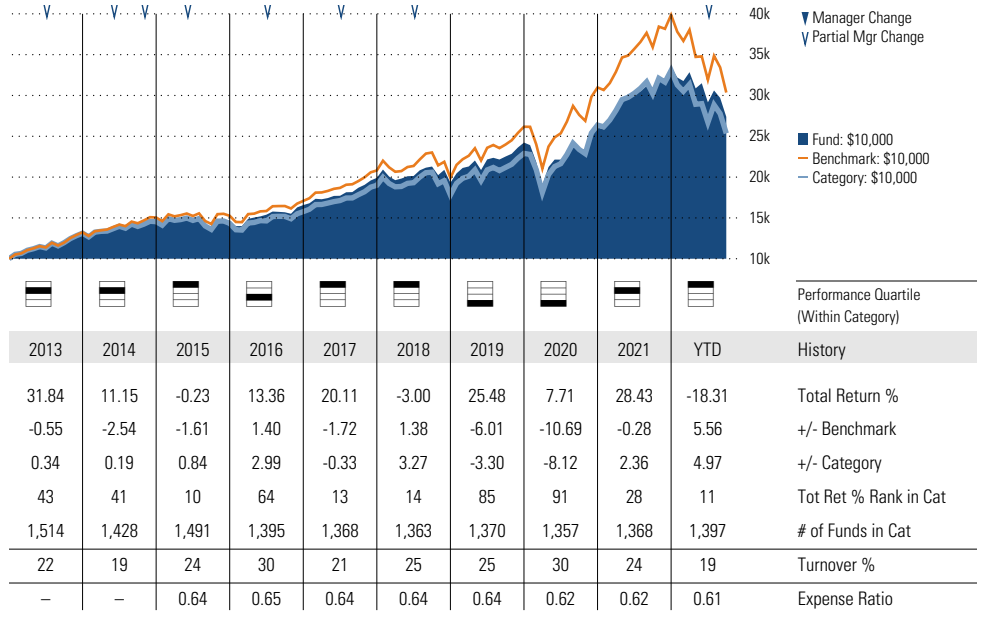
Morningstar Investment Management LLC Analysis

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

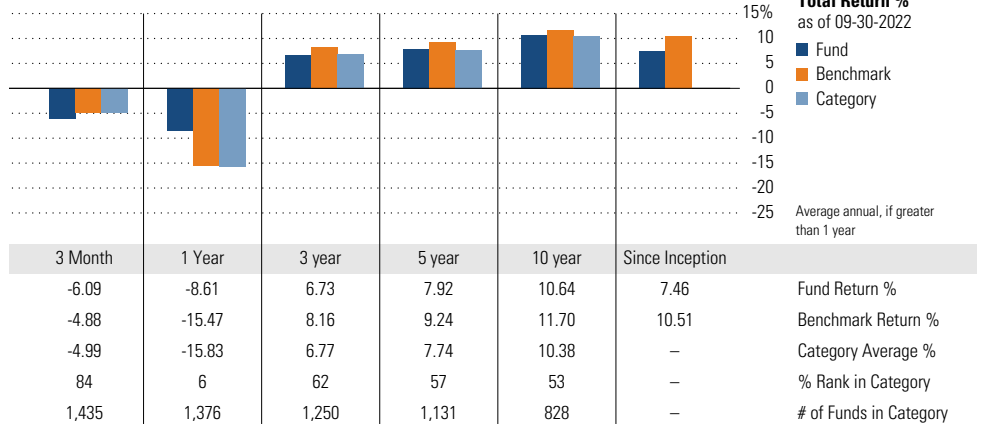
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022

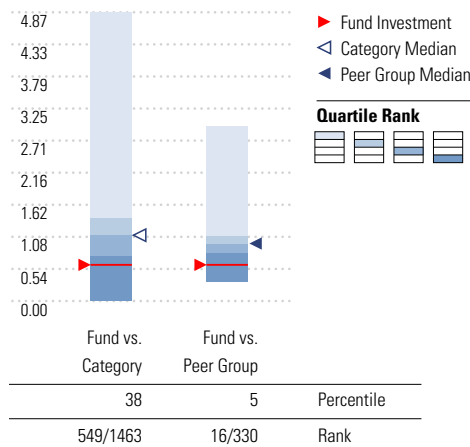
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.47	-	-1.32
Beta	0.88	-	0.96
R-Squared	93.37	-	95.48
Standard Deviation	18.39	20.30	19.87
Sharpe Ratio	0.41	0.45	0.37
Tracking Error	5.37	-	4.01
Information Ratio	-0.27	-	-0.98
Up Capture Ratio	87.37	-	92.89
Down Capture Ratio	89.32	-	97.59

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	15.02	17.98	18.23
Price/Book Ratio	2.88	3.38	3.60
Geom Avg Mkt Cap \$B	121.35	164.20	210.33
ROE	29.82	31.94	32.91

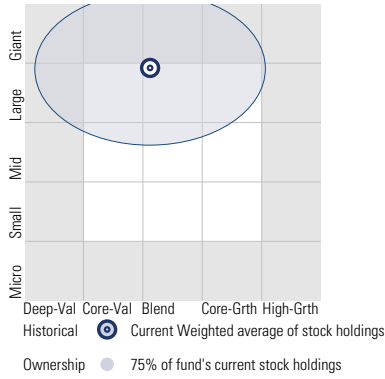
American Funds Washington Mutual R4 RWMEX

Morningstar Category
Large Blend

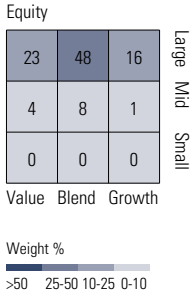
Morningstar Index
S&P 500 TR USD

Style Analysis as of 09-30-2022

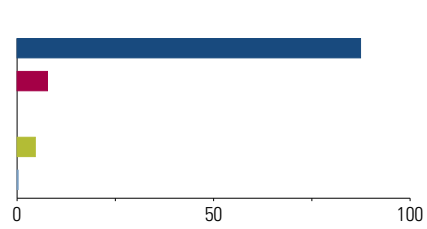
Morningstar Style Box™



Style Breakdown

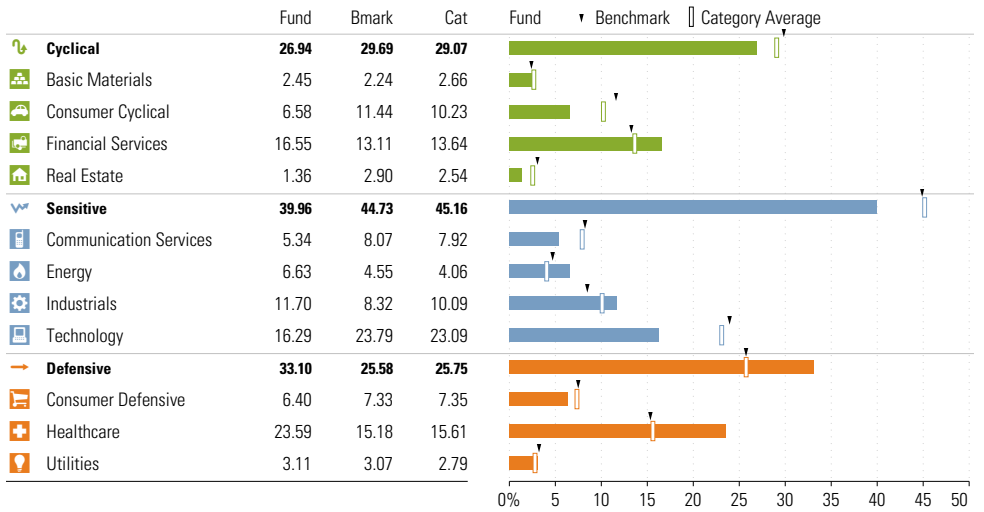


Asset Allocation as of 09-30-2022



Asset Class	Net %	Cat%
US Stocks	87.39	94.84
Non-US Stocks	7.73	2.67
Bonds	0.00	0.87
Cash	4.63	0.53
Other	0.26	1.09
Total	100.00	100.00

Sector Weighting as of 09-30-2022



Top 15 Holdings as of 09-30-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Microsoft Corp	5.12	5.12	-30.20	Technology
⊖ Broadcom Inc	4.88	10.00	-31.42	Technology
⊕ Capital Group Central Cash Fund	4.66	14.66	-	-
⊖ UnitedHealth Group Inc	4.61	19.27	1.52	Healthcare
⊕ Pfizer Inc	2.49	21.76	-23.86	Healthcare
⊕ CVS Health Corp	2.33	24.09	-5.95	Healthcare
Marsh & McLennan Companies Inc	2.33	26.42	-13.16	Financial Services
⊖ Comcast Corp Class A	2.20	28.62	-40.15	Communication Svc
⊕ Northrop Grumman Corp	1.99	30.61	22.81	Industrials
⊖ Johnson & Johnson	1.93	32.54	-2.57	Healthcare
The Home Depot Inc	1.86	34.39	-32.14	Consumer Cyclical
⊖ CME Group Inc Class A	1.78	36.18	-21.15	Financial Services
⊕ Eli Lilly and Co	1.65	37.83	18.13	Healthcare
⊕ AbbVie Inc	1.33	39.16	2.52	Healthcare
⊕ JPMorgan Chase & Co	1.30	40.46	-32.11	Financial Services

Total Holdings 192

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Baird Aggregate Bond Inv BAGSX

Morningstar Category
Intermediate Core Bond

Morningstar Index
Bloomberg US Agg Bond TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 22.02 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.55 is 6.78% lower than the Intermediate Core Bond category average.

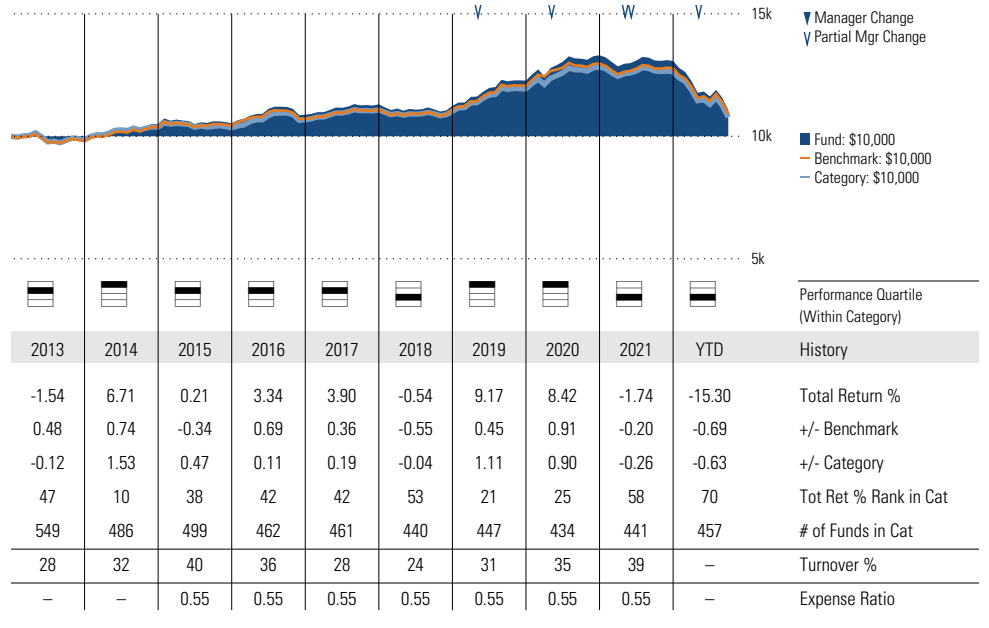
Morningstar Investment Management LLC Analysis

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

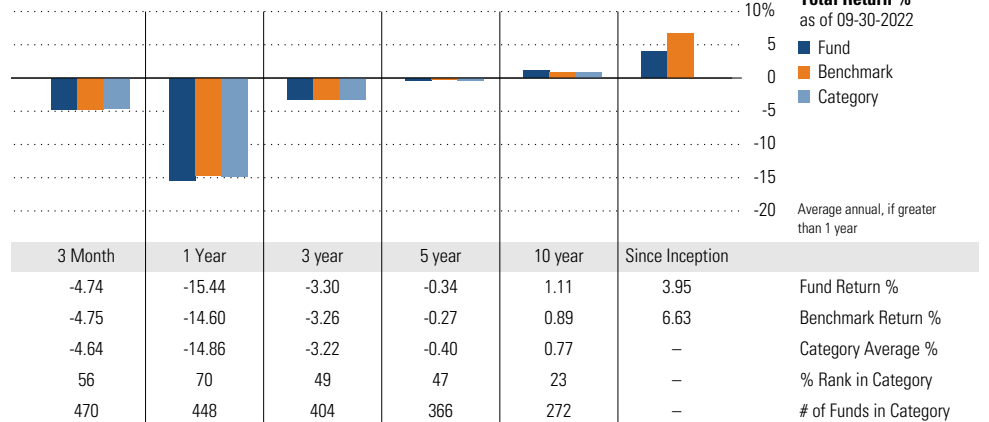
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
ESG Commitment	1-Low	02-15-2022

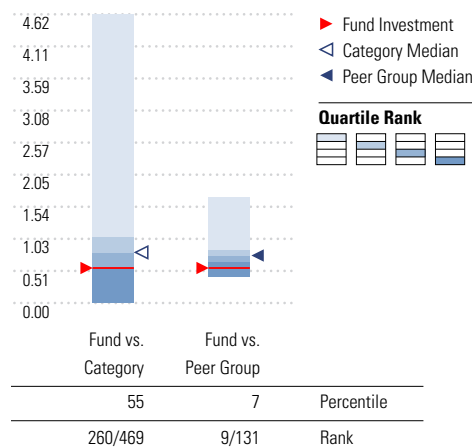
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.12	-	0.06
Beta	1.04	-	1.00
R-Squared	95.91	-	91.94
Standard Deviation	5.72	5.36	5.61
Sharpe Ratio	-0.66	-0.70	-0.67
Tracking Error	1.18	-	1.53
Information Ratio	-0.03	-	-0.06
Up Capture Ratio	111.68	-	104.83
Down Capture Ratio	107.54	-	102.46

Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	6.58	4.43	5.95
Avg Eff Maturity	8.50	-	8.08

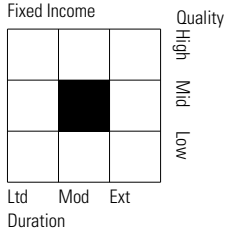
Baird Aggregate Bond Inv BAGSX

Morningstar Category
Intermediate Core Bond

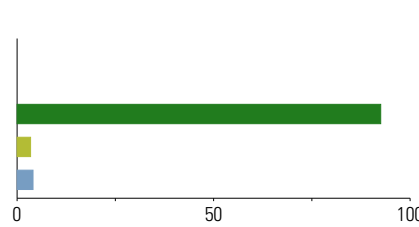
Morningstar Index
Bloomberg US Agg Bond TR USD

Style Analysis as of 09-30-2022

Style Breakdown



Asset Allocation as of 09-30-2022

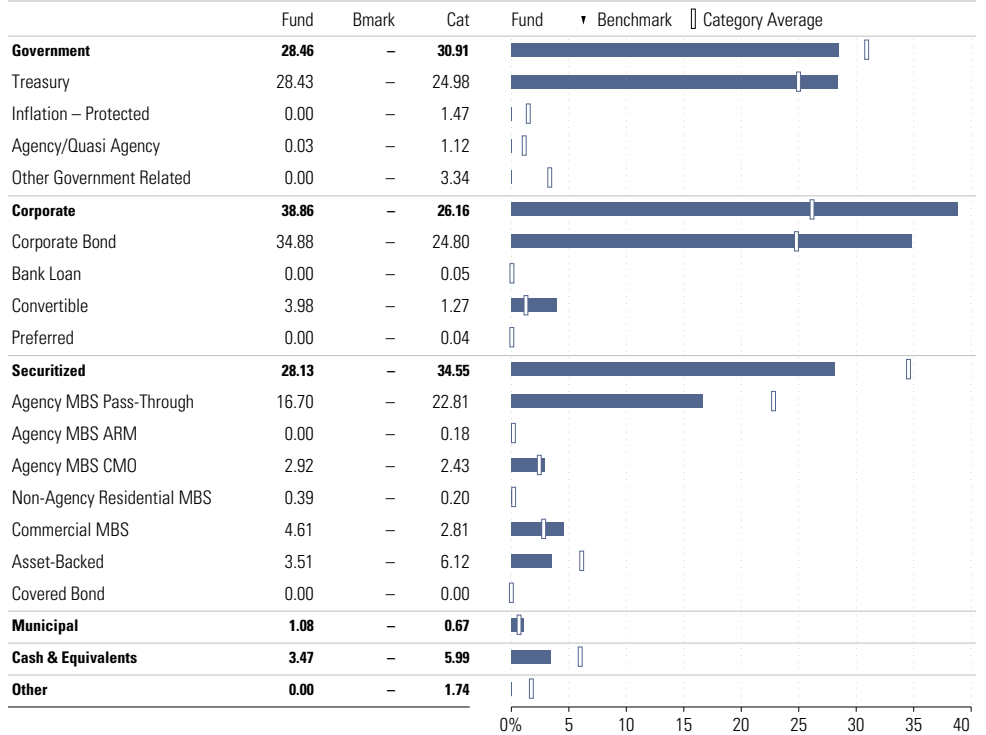


Asset Class	Net %	Cat%
US Stocks	0.00	0.05
Non-US Stocks	0.00	0.00
Bonds	92.52	94.93
Cash	3.43	2.71
Other	4.05	2.30
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	58.90	3.53	48.24
AA	3.70	74.59	11.54
A	12.90	10.82	24.71
BBB	23.90	8.32	12.75
BB	0.60	0.28	1.25
B	0.00	0.00	0.50
Below B	0.00	0.00	0.28
Not Rated	0.00	2.46	0.73

Sector Weighting as of 09-30-2022



Top 10 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Bonds 2.5%	02-2045	4.09	4.09	-
United States Treasury Bonds 2.88%	05-2043	3.42	7.52	-
⊖ First American Government Obligs U	02-2030	3.16	10.68	-
⊖ United States Treasury Notes 0.38%	07-2024	3.02	13.70	-
⊕ United States Treasury Notes 1.13%	08-2028	2.96	16.67	-
⊖ United States Treasury Notes 2.25%	11-2025	2.81	19.48	-
⊖ United States Treasury Notes 2.25%	11-2027	2.02	21.50	-
⊖ United States Treasury Bonds 1.38%	11-2040	1.99	23.48	-
⊖ United States Treasury Notes 2%	11-2026	1.65	25.13	-
⊕ United States Treasury Notes 1.25%	08-2031	1.60	26.73	-

Total Holdings 1528

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Baird Core Plus Bond Inv BCOSX

Morningstar Category
Intermediate Core-Plus 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-Plus Bond category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 22.02 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.55 is 25.68% lower than the Intermediate Core-Plus Bond category average.

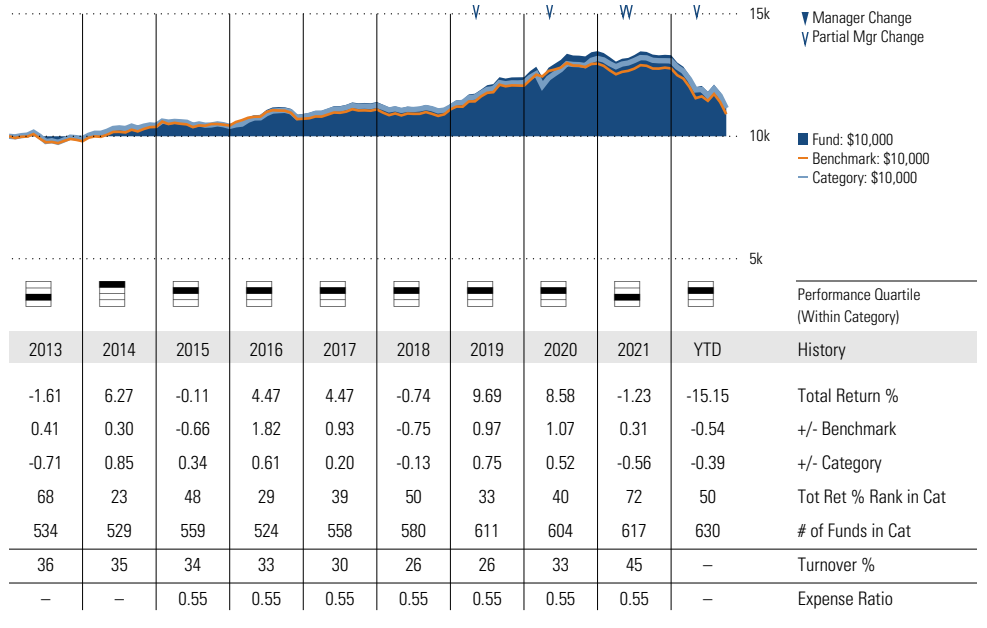
Morningstar Investment Management LLC Analysis

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.

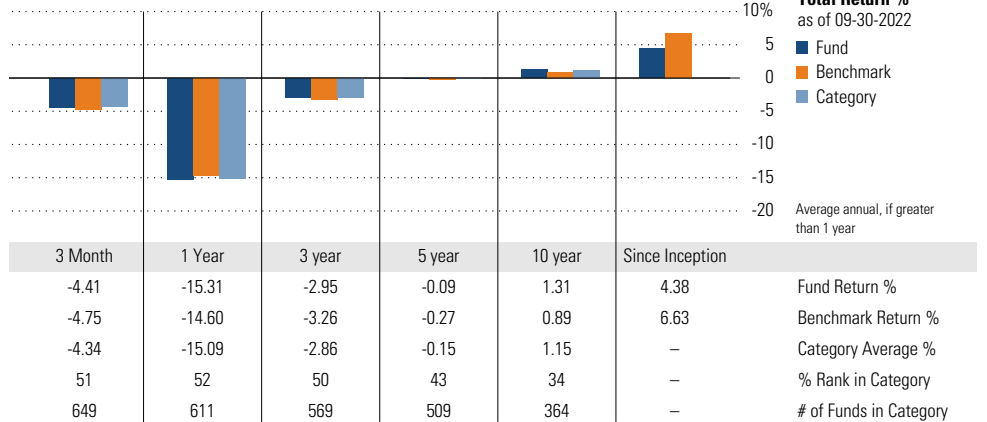
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
ESG Commitment	1-Low	02-15-2022

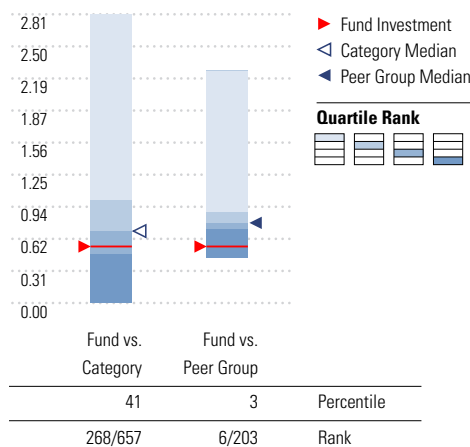
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.53	-	0.56
Beta	1.06	-	1.05
R-Squared	89.28	-	78.08
Standard Deviation	6.01	5.36	6.46
Sharpe Ratio	-0.57	-0.70	-0.53
Tracking Error	1.99	-	3.04
Information Ratio	0.15	-	0.12
Up Capture Ratio	120.67	-	119.57
Down Capture Ratio	108.87	-	107.94

Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	6.36	4.43	6.08
Avg Eff Maturity	8.34	-	8.46

Baird Core Plus Bond Inv BCOSX

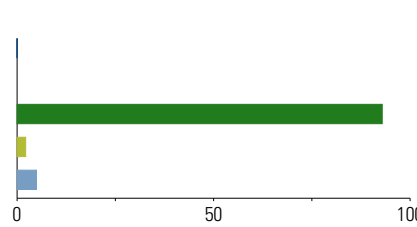
Morningstar Category Intermediate Core-Plus Bond
Morningstar Index Bloomberg US Agg Bond TR USD

Style Analysis as of 09-30-2022

Style Breakdown



Asset Allocation as of 09-30-2022

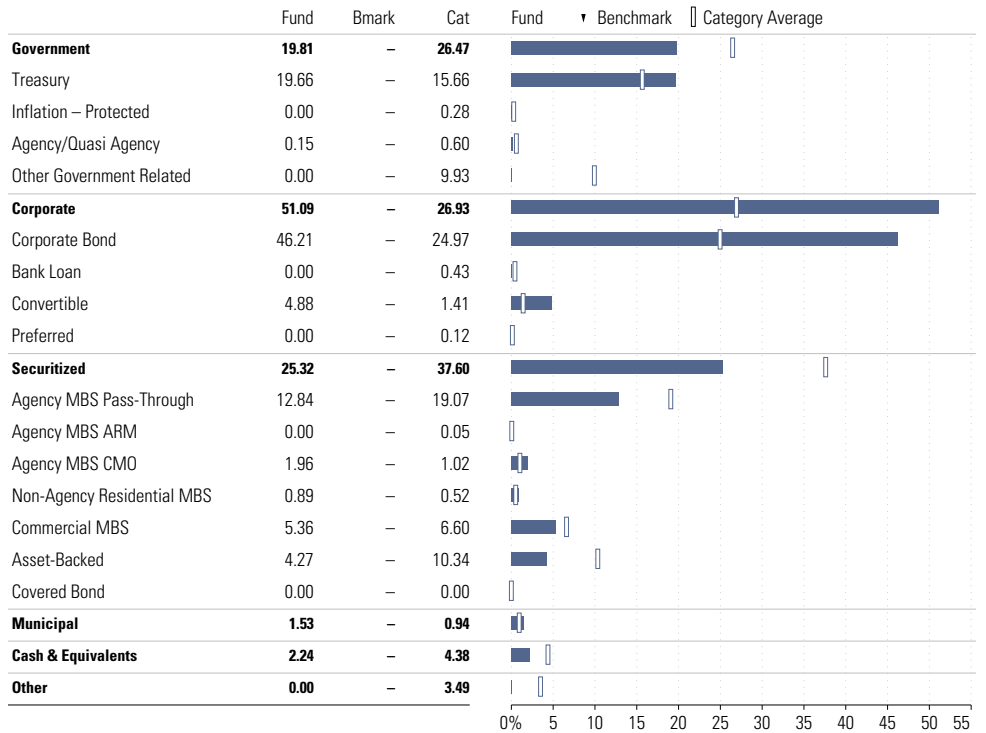


Asset Class	Net %	Cat%
US Stocks	0.01	0.03
Non-US Stocks	0.00	0.00
Bonds	92.90	100.09
Cash	2.18	-1.84
Other	4.92	1.71
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	45.30	3.53	50.65
AA	3.60	74.59	5.16
A	13.60	10.82	11.01
BBB	33.00	8.32	19.73
BB	3.50	0.28	6.92
B	0.20	0.00	2.30
Below B	0.30	0.00	1.92
Not Rated	0.50	2.46	2.31

Sector Weighting as of 09-30-2022



Top 10 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Bonds 2.5%	02-2045	3.56	3.56	-
⊖ United States Treasury Bonds 2.88%	05-2043	3.55	7.11	-
⊖ United States Treasury Notes 2.25%	11-2027	2.60	9.71	-
⊕ United States Treasury Notes 1.13%	08-2028	2.44	12.15	-
⊖ United States Treasury Notes 2%	11-2026	2.09	14.24	-
⊖ First American Government Obligs U	02-2030	1.91	16.15	-
⊖ United States Treasury Bonds 1.38%	11-2040	1.67	17.83	-
⊖ United States Treasury Notes 2.25%	11-2025	0.95	18.78	-
⊕ United States Treasury Notes 1.13%	10-2026	0.91	19.69	-
⊖ United States Treasury Notes 1.25%	08-2031	0.88	20.57	-

Total Holdings 1470

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Baron Growth Retail BGRFX

Morningstar Category
Mid-Cap Growth

Morningstar Index
Russell Mid Cap Growth TR USD

Portfolio Manager(s)

Ronald Baron since 12-1994
Neal Rosenberg since 05-2016

Quantitative Screens

✔ **Performance:** The fund has finished in the Mid-Cap 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 27.77 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 1.29 is 22.86% higher than the Mid-Cap Growth category average.

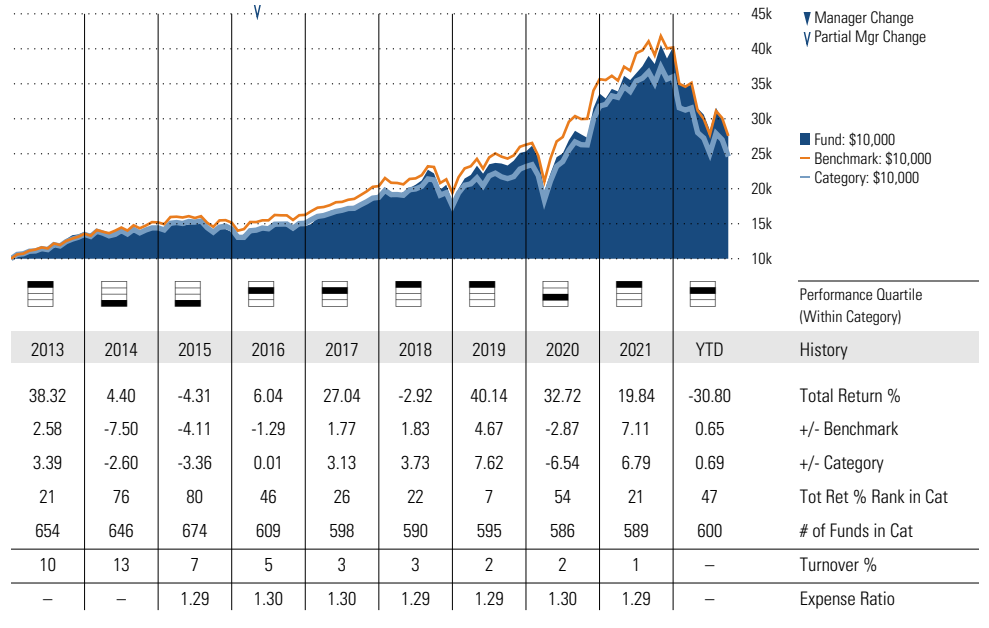
Morningstar Investment Management LLC Analysis

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

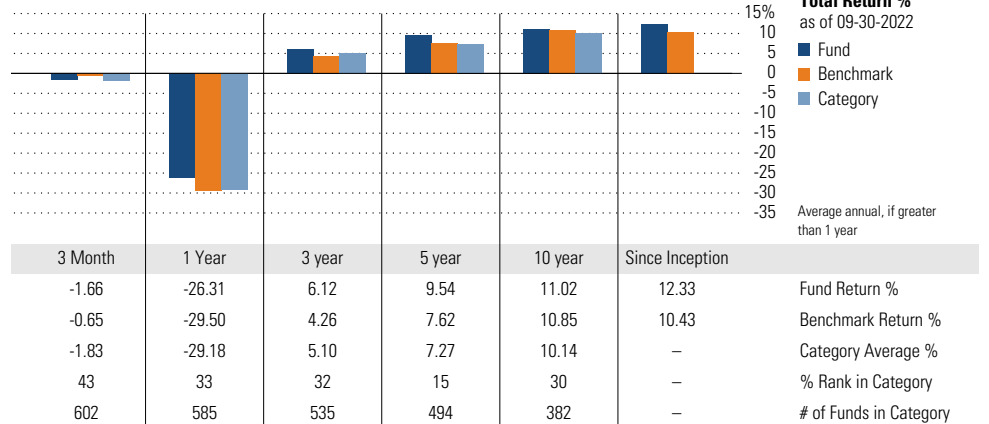
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022

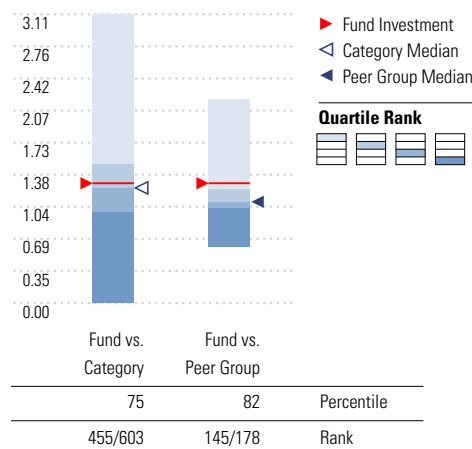
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	2.03	-	0.85
Beta	1.00	-	0.99
R-Squared	93.58	-	91.53
Standard Deviation	25.04	24.18	25.14
Sharpe Ratio	0.34	0.26	0.28
Tracking Error	6.34	-	7.20
Information Ratio	0.29	-	-0.02
Up Capture Ratio	108.52	-	100.98
Down Capture Ratio	103.39	-	99.49

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	24.47	22.23	24.18
Price/Book Ratio	3.68	5.66	3.64
Geom Avg Mkt Cap \$B	11.55	18.22	14.41
ROE	28.39	25.45	18.11

Baron Growth Retail BGRFX

Morningstar Category

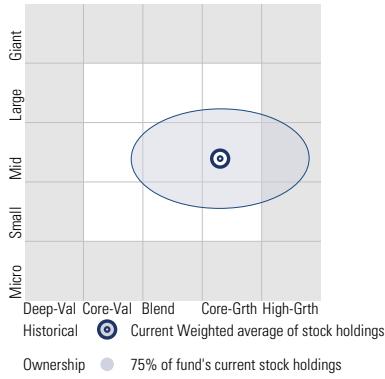
Mid-Cap Growth

Morningstar Index

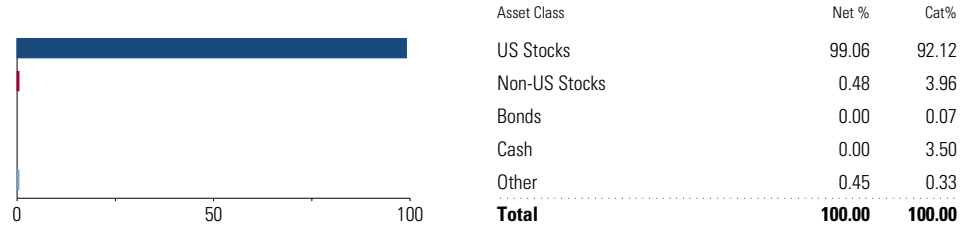
Russell Mid Cap Growth TR USD

Style Analysis as of 09-30-2022

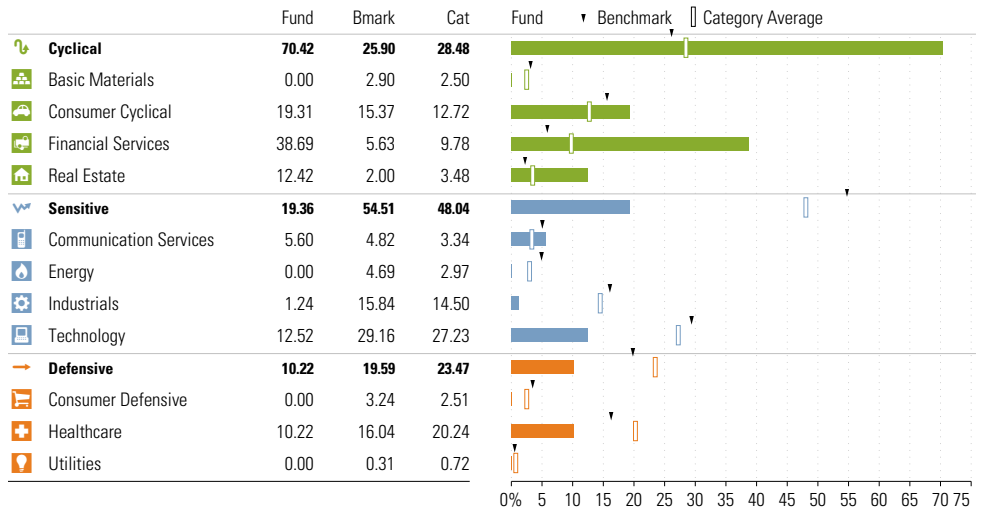
Morningstar Style Box™



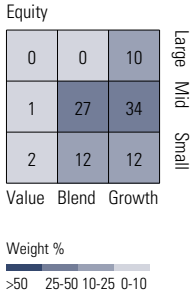
Asset Allocation as of 09-30-2022



Sector Weighting as of 09-30-2022



Style Breakdown



Top 15 Holdings as of 09-30-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
MSCI Inc	10.40	10.40	-30.61	Financial Services
FactSet Research Systems Inc	7.63	18.03	-17.14	Financial Services
Vail Resorts Inc	6.86	24.89	-33.07	Consumer Cyclical
Gartner Inc	6.71	31.60	-17.24	Technology
Arch Capital Group Ltd	6.60	38.20	2.45	Financial Services
CoStar Group Inc	5.84	44.04	-11.87	Real Estate
Iridium Communications Inc	5.57	49.62	7.46	Communication Svc
Choice Hotels International Inc	5.18	54.80	-29.18	Consumer Cyclical
Kinsale Capital Group Inc	4.06	58.86	7.53	Financial Services
Gaming and Leisure Properties Inc	3.80	62.66	-4.77	Real Estate
Ansys Inc	3.53	66.18	-44.73	Technology
Bio-Techne Corp	3.50	69.68	-44.92	Healthcare
Morningstar Inc	3.19	72.87	-37.60	Financial Services
Primerica Inc	2.98	75.86	-18.38	Financial Services
IDEXX Laboratories Inc	2.94	78.80	-50.52	Healthcare

Total Holdings 45

⊕ Increase ⊖ Decrease ✨ New to Portfolio

BlackRock High Yield Bond Inv A BHYAX

Morningstar Category
High Yield Bond

Morningstar Index
ICE BofA US High Yield TR USD

Portfolio Manager(s)

James Keenan since 12-2007
Mitchell Garfin since 05-2009
Derek Schoenhofen since 05-2009
David Delbos since 03-2014

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 14.76 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.92 is 2.22% higher than the High Yield Bond category average.

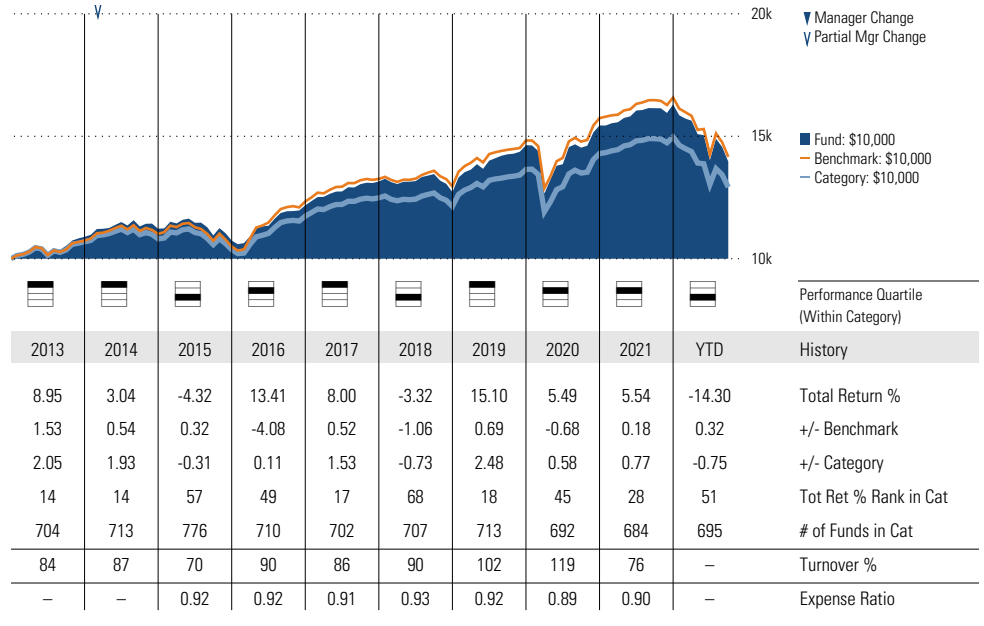
Morningstar Investment Management LLC Analysis

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

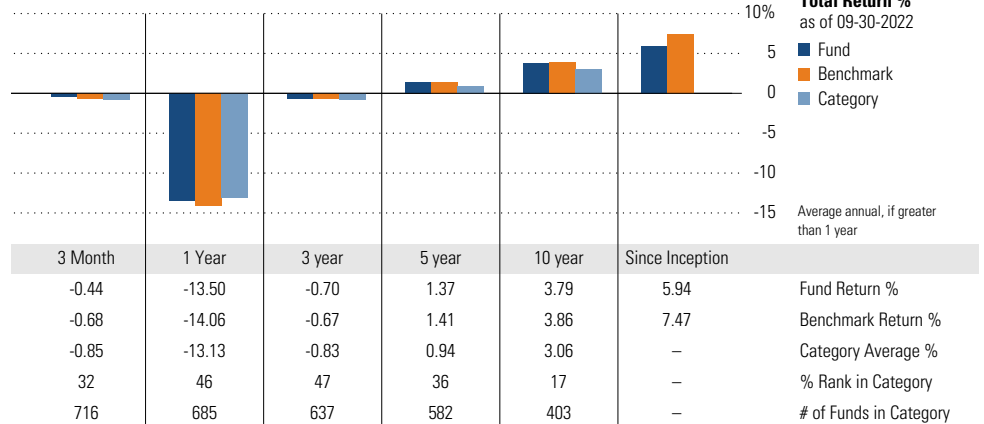
ESG Metrics

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

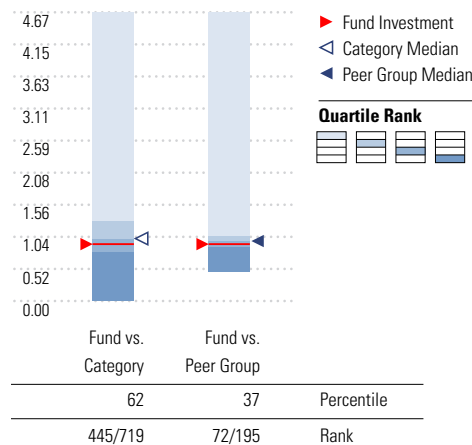
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.01	-	-0.22
Beta	1.01	-	0.95
R-Squared	99.38	-	95.19
Standard Deviation	11.32	11.14	10.79
Sharpe Ratio	-0.06	-0.06	-0.07
Tracking Error	0.90	-	2.50
Information Ratio	-0.03	-	-0.16
Up Capture Ratio	98.51	-	91.62
Down Capture Ratio	98.85	-	93.77

Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	3.81	-	3.71
Avg Eff Maturity	7.14	-	5.59

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

BlackRock High Yield Bond Inv A BHYAX

Morningstar Category
High Yield Bond

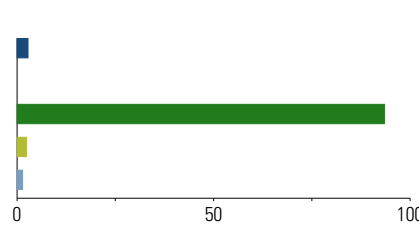
Morningstar Index
ICE BofA US High Yield TR USD

Style Analysis as of 09-30-2022

Style Breakdown



Asset Allocation as of 09-30-2022

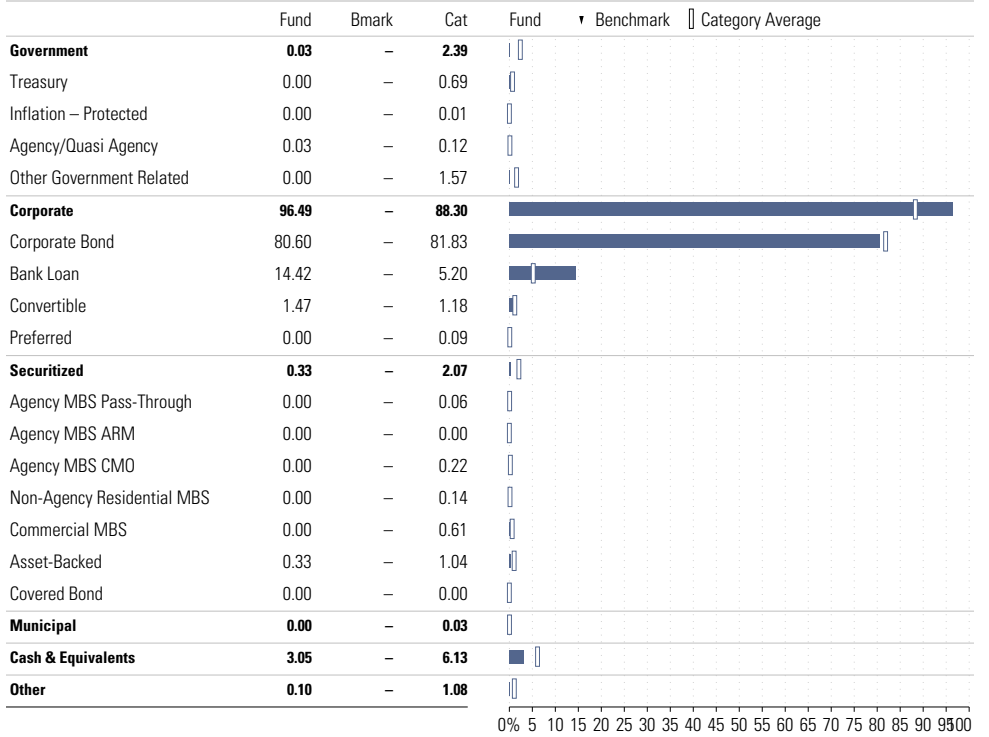


Asset Class	Net %	Cat%
US Stocks	2.77	0.89
Non-US Stocks	0.00	0.03
Bonds	93.46	91.71
Cash	2.37	3.24
Other	1.40	4.13
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	2.40	-	1.75
AA	0.00	-	0.05
A	0.16	-	0.19
BBB	1.63	-	4.19
BB	35.33	-	35.65
B	41.99	-	37.64
Below B	15.84	-	18.17
Not Rated	2.65	-	2.36

Sector Weighting as of 09-30-2022



Top 10 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊖ BlackRock Liquidity T-Fund Instl	-	2.61	2.61	-
TransDigm, Inc. 6.25%	03-2026	1.34	3.95	-
⊕ iShares iBoxx \$ High Yield Corp Bd ETF	-	0.78	4.73	-
⊕ Clarios Global Lp 8.5%	05-2027	0.73	5.47	-
⊕ Ascent Resources Utica Holdings LI TI	11-2025	0.69	6.15	-
⊕ Altice France Holdings S A 10.5%	05-2027	0.68	6.83	-
⊖ Brand Energy & Infrastructure Serv TI	06-2024	0.56	7.40	-
⊕ Alliant Holdings Intermediate LLC/Alliant Holdings Co-Issuer Inc 6.75%	10-2027	0.53	7.93	-
Athenahealth Group Inc TI-B	02-2029	0.52	8.45	-
Verscend Escrow Corp 9.75%	08-2026	0.52	8.97	-

Total Holdings 1625

⊕ Increase ⊖ Decrease ✱ New to Portfolio

BNY Mellon S&P 500 Index PEOPX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

Portfolio Manager(s)

Vlasta Sheremeta since 10-2020
 Todd Frysinger since 10-2020
 Marlene Walker-Smith since 10-2020
 Michael Stoll since 10-2020
 David France since 10-2020

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 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 0.5 is 37.5% lower than the Large Blend category average.

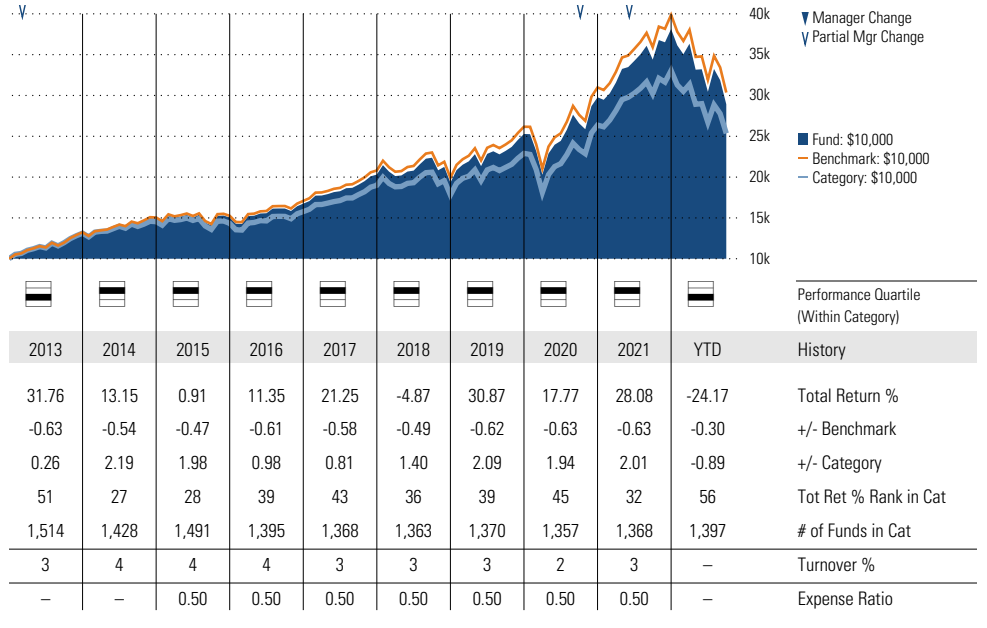
Morningstar Investment Management LLC Analysis

This fund fails our manager tenure screen but because the fund replicates an index we are not concerned with the screen failure.

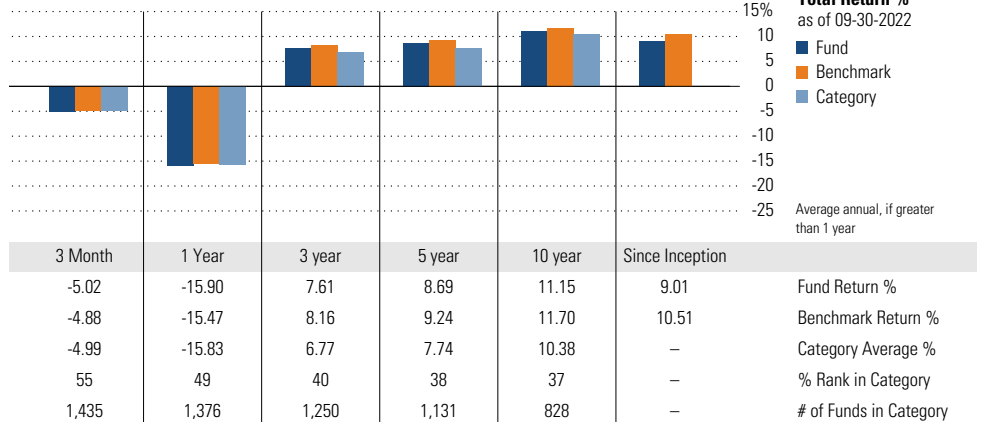
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022

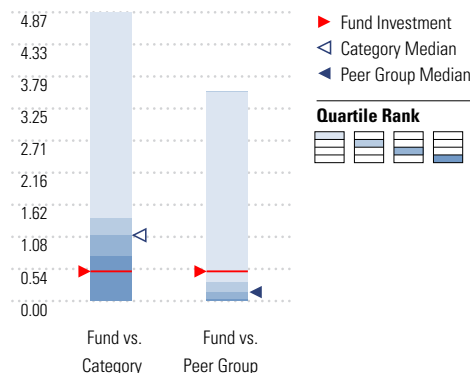
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.51	-	-1.32
Beta	1.00	-	0.96
R-Squared	100.00	-	95.48
Standard Deviation	20.31	20.30	19.87
Sharpe Ratio	0.43	0.45	0.37
Tracking Error	0.04	-	4.01
Information Ratio	-14.66	-	-0.98
Up Capture Ratio	99.12	-	92.89
Down Capture Ratio	100.89	-	97.59

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	19.64	17.98	18.23
Price/Book Ratio	3.72	3.38	3.60
Geom Avg Mkt Cap \$B	181.99	164.20	210.33
ROE	32.18	31.94	32.91

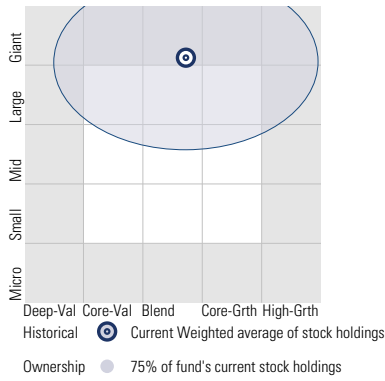
BNY Mellon S&P 500 Index PEOPX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

Style Analysis as of 09-30-2022

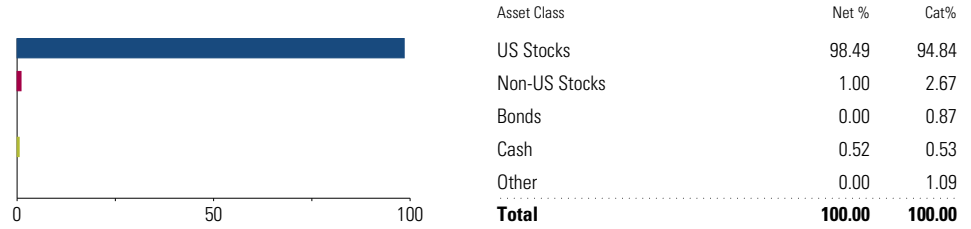
Morningstar Style Box™



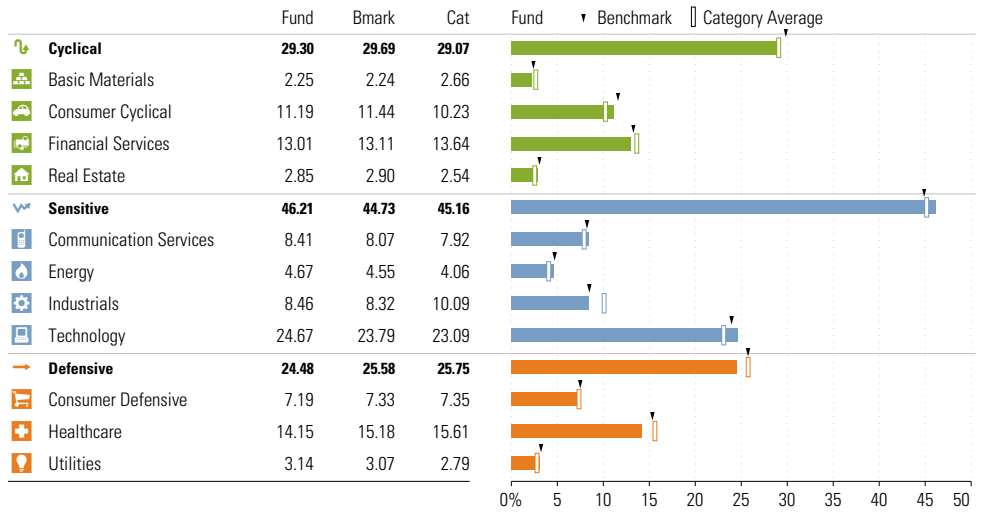
Style Breakdown



Asset Allocation as of 09-30-2022



Sector Weighting as of 09-30-2022



Top 15 Holdings as of 09-30-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Apple Inc	7.17	7.17	-21.79	Technology
Microsoft Corp	5.80	12.97	-30.20	Technology
Amazon.com Inc	3.29	16.26	-32.22	Consumer Cyclical
Tesla Inc	2.06	18.31	-24.70	Consumer Cyclical
Alphabet Inc Class A	1.93	20.24	-33.97	Communication Svc
Alphabet Inc Class C	1.79	22.03	-33.54	Communication Svc
Berkshire Hathaway Inc Class B	1.51	23.53	-10.70	Financial Services
UnitedHealth Group Inc	1.44	24.98	1.52	Healthcare
Johnson & Johnson	1.26	26.24	-2.57	Healthcare
Exxon Mobil Corp	1.19	27.43	47.00	Energy
NVIDIA Corp	1.12	28.55	-58.69	Technology
Meta Platforms Inc Class A	1.11	29.66	-59.66	Communication Svc
JPMorgan Chase & Co	0.99	30.65	-32.11	Financial Services
Procter & Gamble Co	0.98	31.63	-21.17	Consumer Defensive
Visa Inc Class A	0.97	32.60	-17.50	Financial Services

Total Holdings 505

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Delaware Small Cap Value A DEVLX

Morningstar Category
Small Value

Morningstar Index
Russell 2000 Value TR USD

Portfolio Manager(s)

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

Quantitative Screens

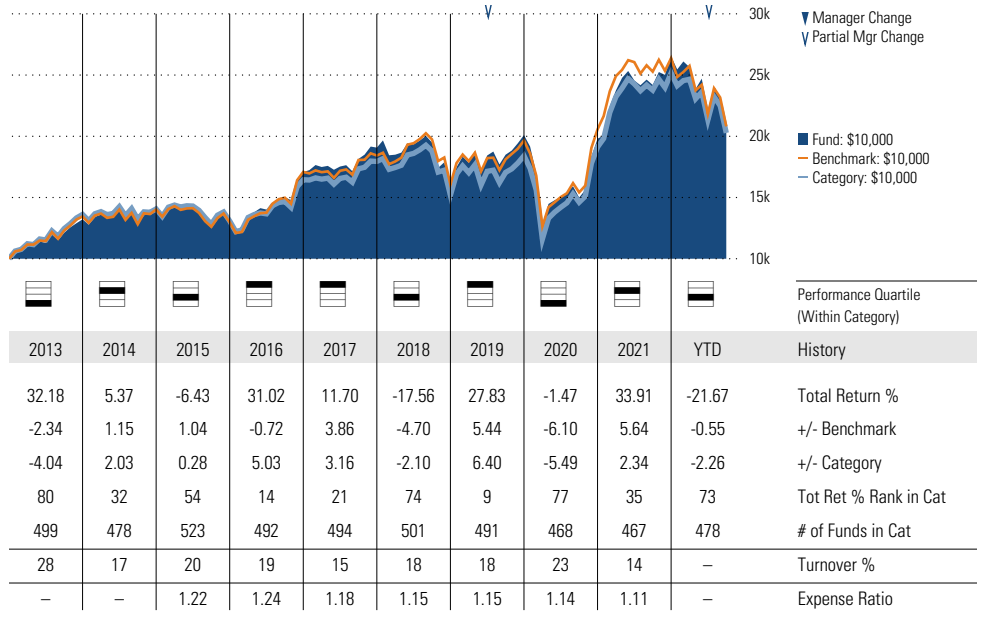
✔ **Performance:** The fund has finished in the Small Value category's top three quartiles in 8 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 10.25 years.

✔ **Style:** The fund has landed in its primary style box — Small Value — 93.94 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 1.11 is 3.48% lower than the Small Value category average.

Growth of \$10,000



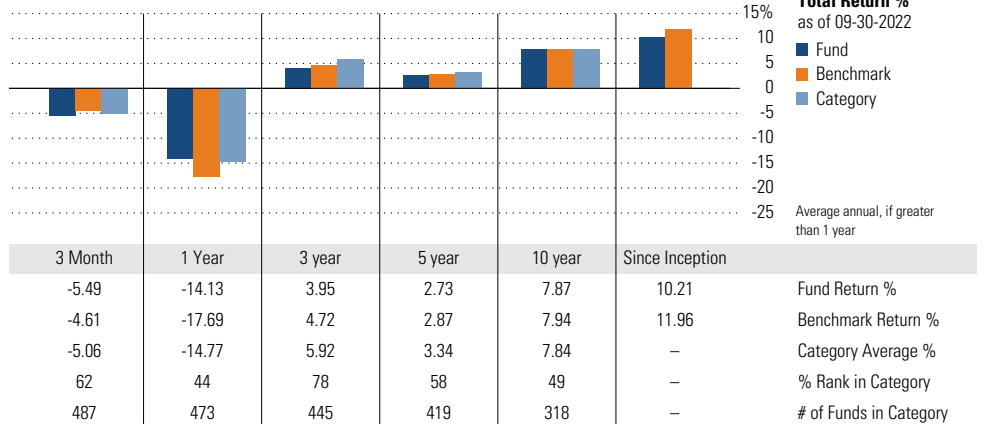
Morningstar Investment Management LLC Analysis

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

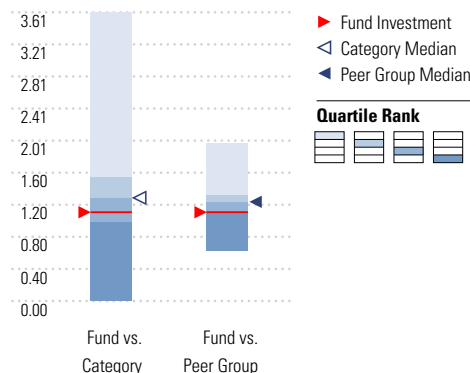
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Medium Risk	06-30-2022

Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.56	-	0.96
Beta	0.98	-	0.99
R-Squared	95.65	-	94.89
Standard Deviation	26.63	26.48	26.98
Sharpe Ratio	0.26	0.28	0.31
Tracking Error	5.57	-	6.33
Information Ratio	-0.14	-	0.12
Up Capture Ratio	96.73	-	99.47
Down Capture Ratio	98.70	-	97.32

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	10.92	8.44	9.93
Price/Book Ratio	1.65	1.16	1.45
Geom Avg Mkt Cap \$B	4.26	1.65	3.37
ROE	16.45	7.02	16.19

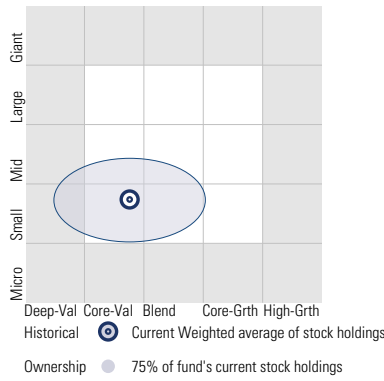
Delaware Small Cap Value A DEVLX

Morningstar Category
Small Value

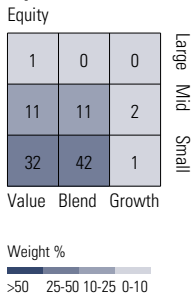
Morningstar Index
Russell 2000 Value TR USD

Style Analysis as of 09-30-2022

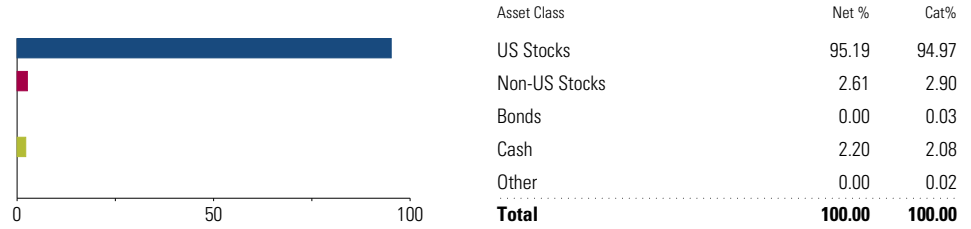
Morningstar Style Box™



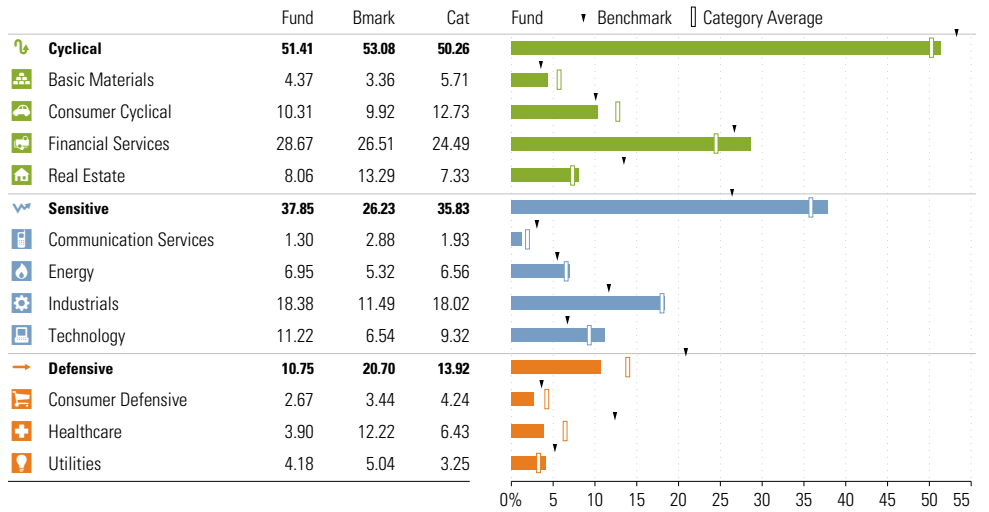
Style Breakdown



Asset Allocation as of 09-30-2022



Sector Weighting as of 09-30-2022



Top 15 Holdings as of 09-30-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
East West Bancorp Inc	2.81	2.81	-13.14	Financial Services
Webster Financial Corp	2.56	5.36	-16.91	Financial Services
Hancock Whitney Corp	2.17	7.54	-6.80	Financial Services
Stifel Financial Corp	2.16	9.70	-25.01	Financial Services
MasTec Inc	2.13	11.82	-31.19	Industrials
WESCO International Inc	2.05	13.87	-9.28	Industrials
Western Alliance Bancorp	1.99	15.87	-37.95	Financial Services
Louisiana-Pacific Corp	1.78	17.65	-33.82	Industrials
F N B Corp	1.68	19.32	-1.40	Financial Services
Umpqua Holdings Corp	1.57	20.89	-7.90	Financial Services
Magnolia Oil & Gas Corp Class A	1.48	22.37	6.57	Energy
⊕ Valley National Bancorp	1.47	23.84	-19.05	Financial Services
Berry Global Group Inc	1.45	25.30	-36.93	Consumer Cyclical
Atkore Inc	1.45	26.75	-30.02	Industrials
Black Hills Corp	1.41	28.15	-1.49	Utilities

Total Holdings 105

⊕ Increase ⊖ Decrease ✨ New to Portfolio

DFA International Value I DFIVX

Morningstar Category
Foreign Large Value

Morningstar Index
MSCI EAFE NR USD

Portfolio Manager(s)

Jed Fogdall since 02-2010
Bhanu Singh since 07-2015
Arun Keswani since 02-2020
Joel Schneider since 02-2022

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 12.59 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.29 is 70.41% lower than the Foreign Large Value category average.

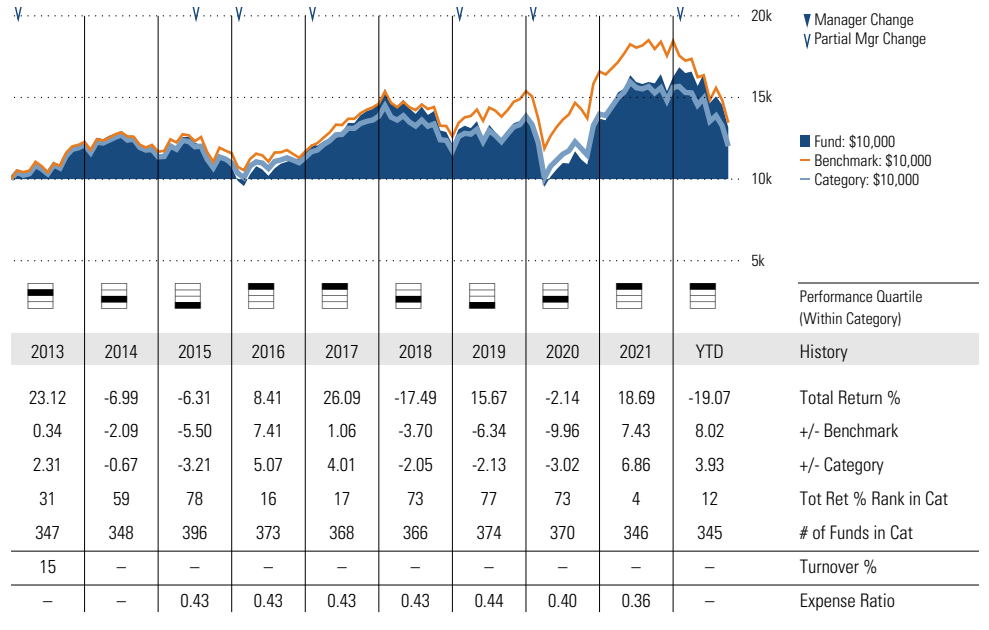
Morningstar Investment Management LLC Analysis

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.

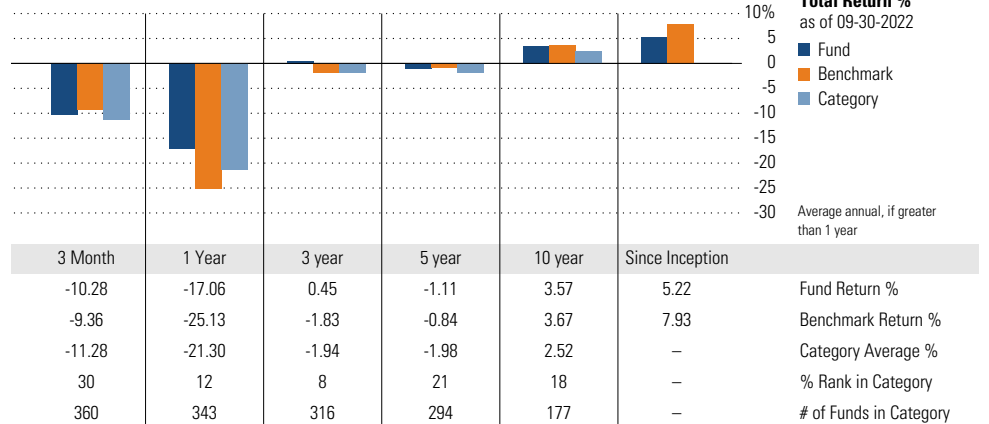
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	1	08-31-2022
Carbon Risk Score	Medium Risk	06-30-2022

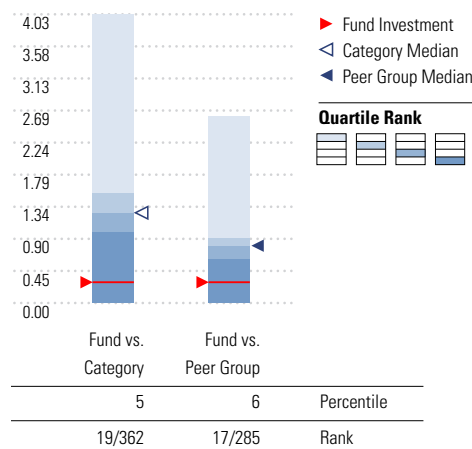
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	3.31	-	0.34
Beta	1.14	-	1.04
R-Squared	85.61	-	89.47
Standard Deviation	23.84	19.12	21.05
Sharpe Ratio	0.11	-0.04	-0.02
Tracking Error	9.38	-	7.05
Information Ratio	0.24	-	-0.02
Up Capture Ratio	116.27	-	102.74
Down Capture Ratio	106.08	-	102.75

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	7.60	11.53	8.37
Price/Book Ratio	0.88	1.45	1.03
Geom Avg Mkt Cap \$B	28.14	37.04	27.97
ROE	13.51	18.66	16.85

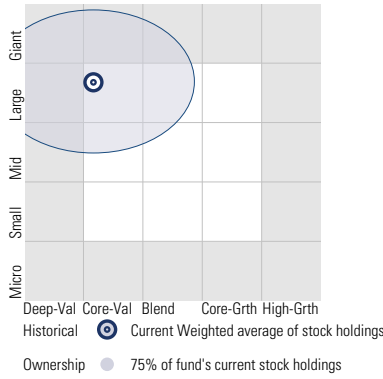
DFA International Value I DFIVX

Morningstar Category
Foreign Large Value

Morningstar Index
MSCI EAFE NR USD

Style Analysis as of 09-30-2022

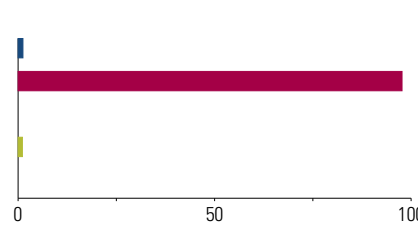
Morningstar Style Box™



Style Breakdown

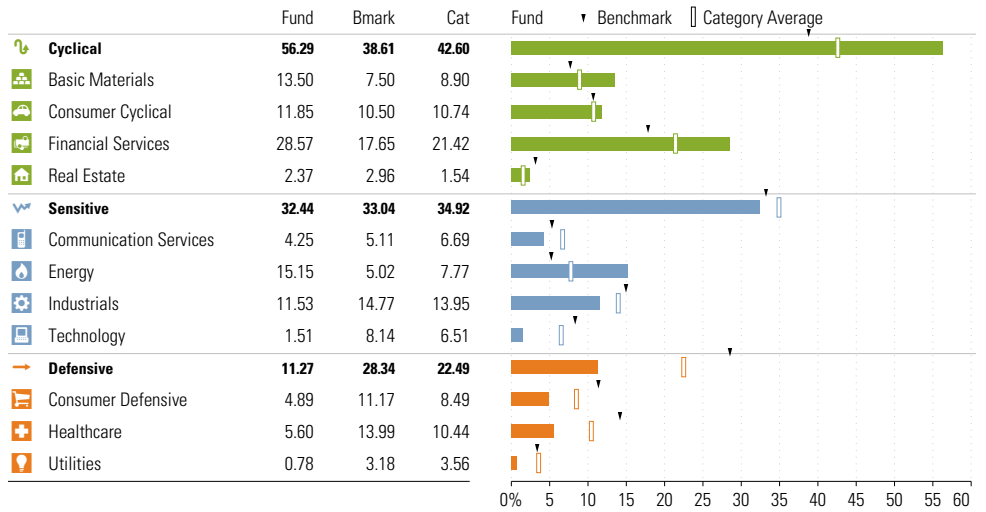


Asset Allocation as of 09-30-2022



Asset Class	Net %	Cat%
US Stocks	1.23	2.62
Non-US Stocks	97.69	95.07
Bonds	0.00	0.07
Cash	1.09	2.14
Other	0.00	0.09
Total	100.00	100.00

Sector Weighting as of 09-30-2022



World Regions % Equity 09-30-2022



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	32.85	31.10	Americas	10.63	8.91	Greater Europe	56.50	59.99	Developed Markets	99.47
Japan	21.20	17.03	North America	10.43	7.67	United Kingdom	14.21	18.32	Emerging Markets	0.53
Australasia	7.98	3.76	Central/Latin	0.20	1.24	W euro-ex UK	41.65	41.06	Not Available	0.00
Asia-4 Tigers	3.34	7.20				Emrgng Europe	0.01	0.09		
Asia-ex 4 Tigers	0.33	3.11				Africa	0.63	0.52		
Not Classified	0.00	0.00								

Top 10 Holdings as of 09-30-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Shell PLC ADR (Representing - Ordinary Shares)	4.37	4.37	16.96	Energy
⊕ TotalEnergies SE	3.17	7.54	14.15	Energy
⊕ Toyota Motor Corp	1.66	9.20	-9.84	Consumer Cyclical
⊕ Zurich Insurance Group AG	1.40	10.60	2.37	Financial Services
⊕ Mercedes-Benz Group AG	1.35	11.95	-17.10	Consumer Cyclical
⊕ Novartis AG	1.26	13.22	-3.41	Healthcare
⊕ Glencore PLC	1.20	14.41	35.88	Basic Materials
⊕ Bank of Nova Scotia	1.19	15.61	-24.37	Financial Services
⊕ Novartis AG ADR	1.18	16.78	-10.63	Healthcare
⊕ Bank of Montreal	1.12	17.91	-8.13	Financial Services

Total Holdings 570

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Fidelity® Contrafund® FCNTX

Morningstar Category
Large Growth

Morningstar Index
Russell 1000 Growth TR USD

Portfolio Manager(s)

William Danoff since 09-1990

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 32.06 years.

✔ **Style:** The fund has landed in its primary style box — Large Growth — 97.06 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.81 is 15.63% lower than the Large Growth category average.

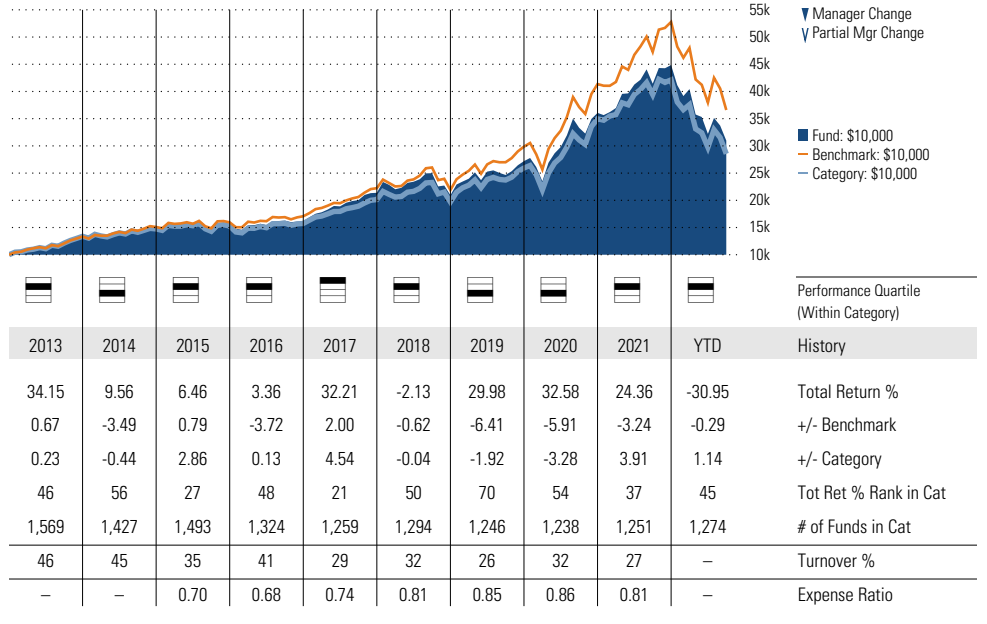
Morningstar Investment Management LLC Analysis

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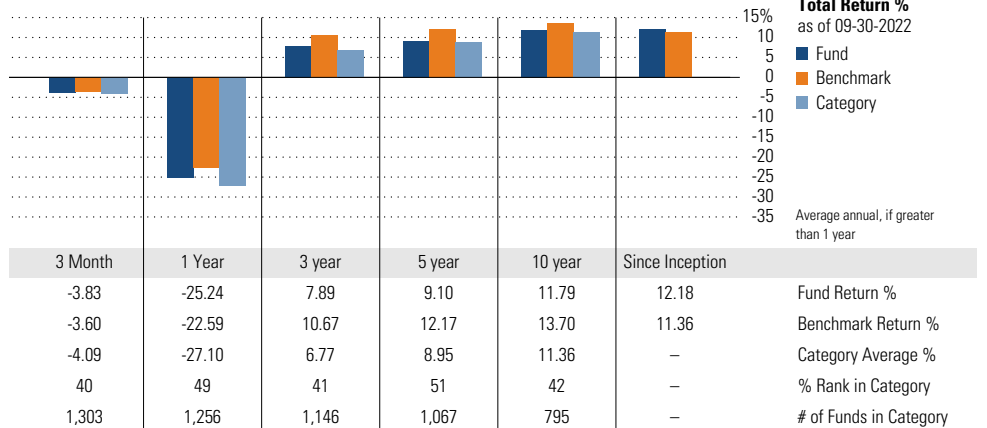
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022

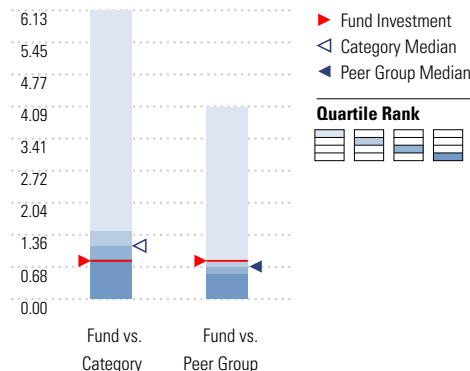
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-1.88	-	-3.29
Beta	0.92	-	0.97
R-Squared	98.08	-	93.15
Standard Deviation	21.47	23.13	23.33
Sharpe Ratio	0.43	0.52	0.37
Tracking Error	3.51	-	6.09
Information Ratio	-0.79	-	-0.78
Up Capture Ratio	88.01	-	88.47
Down Capture Ratio	93.24	-	97.94

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.85	23.78	23.27
Price/Book Ratio	3.73	8.32	6.18
Geom Avg Mkt Cap \$B	286.01	240.14	266.70
ROE	30.04	41.06	37.20

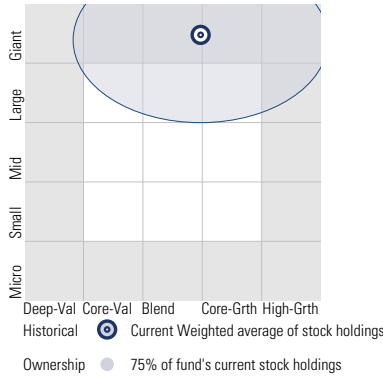
Fidelity® Contrafund® FCNTX

Morningstar Category
Large Growth

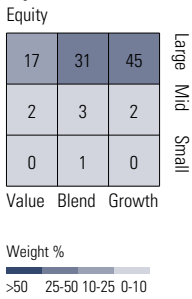
Morningstar Index
Russell 1000 Growth TR USD

Style Analysis as of 09-30-2022

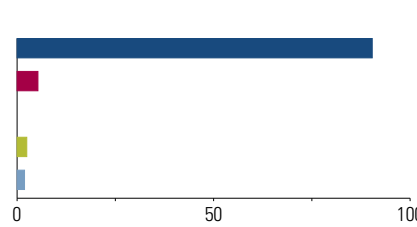
Morningstar Style Box™



Style Breakdown

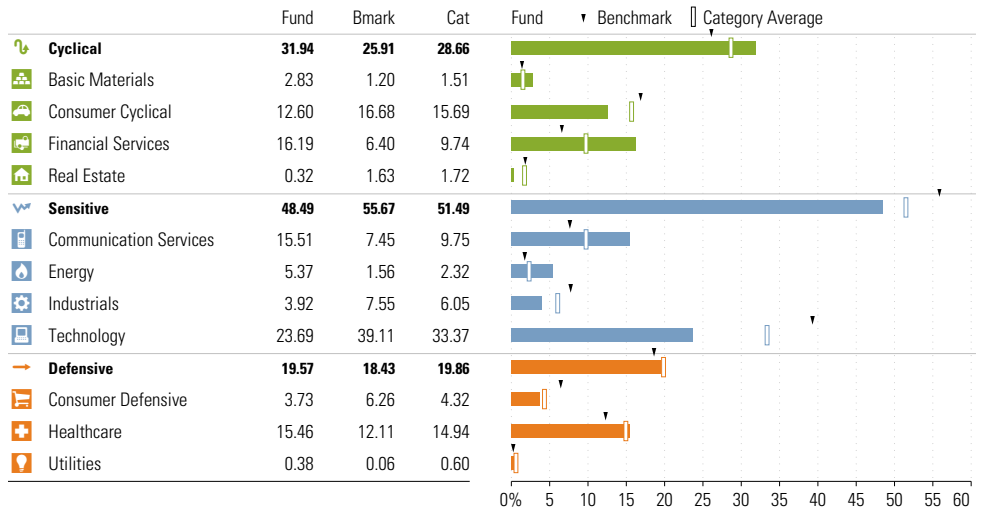


Asset Allocation as of 09-30-2022



Asset Class	Net %	Cat%
US Stocks	90.36	93.35
Non-US Stocks	5.30	4.27
Bonds	0.00	0.01
Cash	2.46	2.00
Other	1.89	0.37
Total	100.00	100.00

Sector Weighting as of 09-30-2022



Top 15 Holdings as of 09-30-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Berkshire Hathaway Inc Class A	8.00	8.00	-9.81	Financial Services
Amazon.com Inc	7.59	15.59	-32.22	Consumer Cyclical
Meta Platforms Inc Class A	6.82	22.41	-59.66	Communication Svc
Microsoft Corp	6.51	28.92	-30.20	Technology
UnitedHealth Group Inc	5.50	34.42	1.52	Healthcare
Apple Inc	4.73	39.15	-21.79	Technology
Alphabet Inc Class A	3.30	42.45	-33.97	Communication Svc
Alphabet Inc Class C	2.99	45.44	-33.54	Communication Svc
Fidelity Revere Str Tr	2.38	47.83	-	-
Eli Lilly and Co	2.01	49.84	18.13	Healthcare
NVIDIA Corp	1.98	51.81	-58.69	Technology
Amphenol Corp Class A	1.57	53.38	-22.75	Technology
Regeneron Pharmaceuticals Inc	1.44	54.82	9.08	Healthcare
Costco Wholesale Corp	1.42	56.23	-16.35	Consumer Defensive
Visa Inc Class A	1.34	57.57	-17.50	Financial Services

Total Holdings 332

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Invesco Balanced-Risk Commodity Strat Y BRCYX

Morningstar Category
Commodities Broad Basket

Morningstar Index
Bloomberg Commodity TR USD

Portfolio Manager(s)

Chris Devine since 11-2010
Christian Ulrich since 11-2010
Mark Ahnrud since 11-2010
Scott Hixon since 11-2010
Scott Wolle since 11-2010

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 11.84 years.

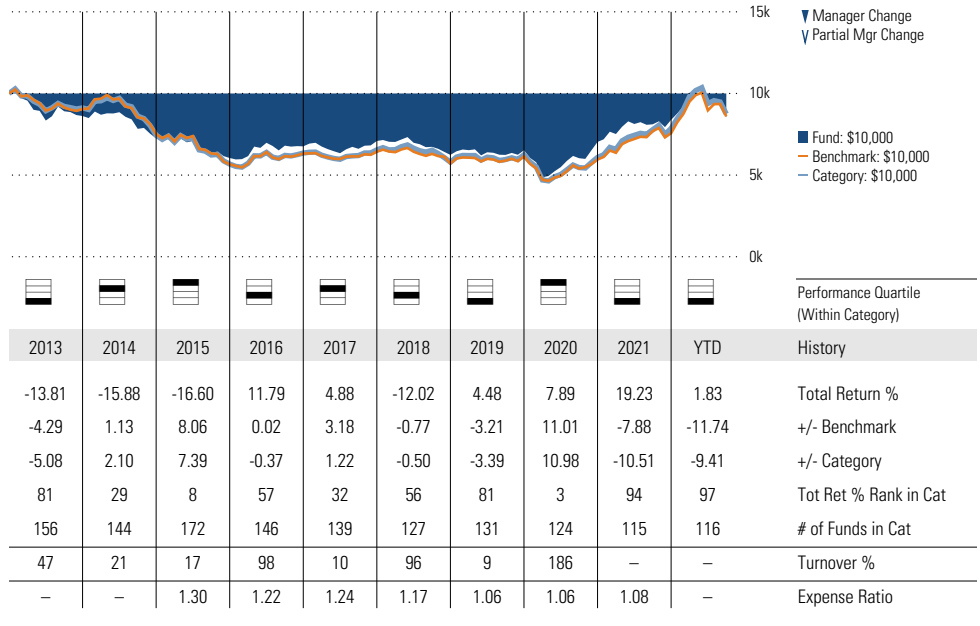
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 1.15 is 10.58% higher than the Commodities Broad Basket category average.

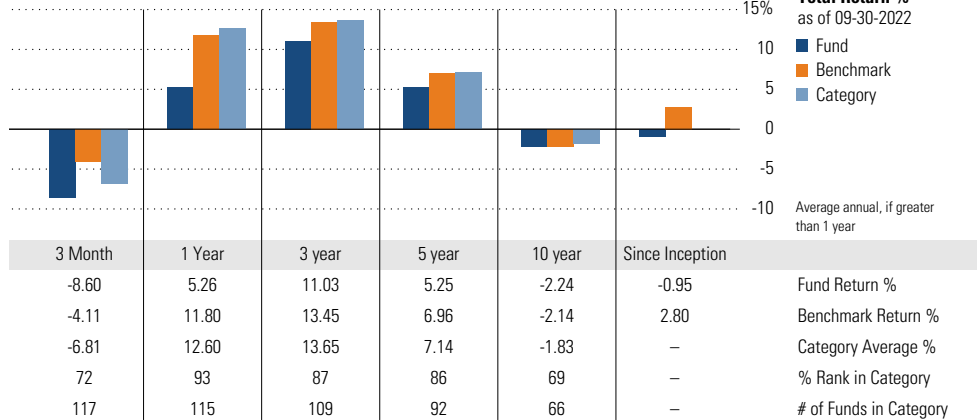
Morningstar Investment Management LLC Analysis

Invesco Balanced-Risk Commodity Strategy has lagged competitors significantly during the commodity resurgence of the past year. That is to be expected given the relatively limited energy exposure that is consistent with the fund's strategy. However, relative results have been worse than we would expect even allowing for a sizable energy underweight. We are placing the fund on watch while we observe how it progresses and assess the fund's ability to get back to results that are consistent with expectations.

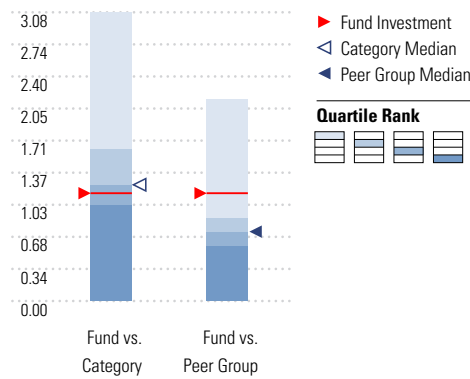
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.37	-	0.25
Beta	0.87	-	1.03
R-Squared	80.85	-	86.02
Standard Deviation	18.09	18.76	21.13
Sharpe Ratio	0.63	0.73	0.70
Tracking Error	8.30	-	7.77
Information Ratio	-0.29	-	0.08
Up Capture Ratio	85.35	-	102.21
Down Capture Ratio	87.53	-	102.72

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	-	-	8.51
Price/Book Ratio	-	-	1.62
Geom Avg Mkt Cap \$B	-	-	29.32
ROE	-	-	22.38

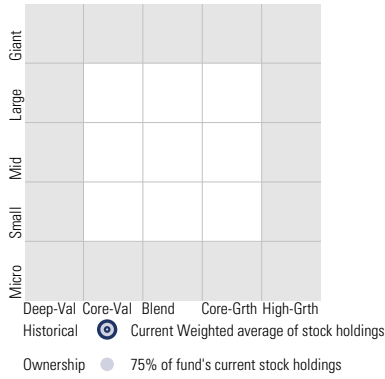
Invesco Balanced-Risk Commodity Strat Y BRCYX

Morningstar Category
Commodities Broad Basket

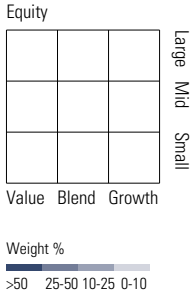
Morningstar Index
Bloomberg Commodity TR USD

Style Analysis as of 09-30-2022

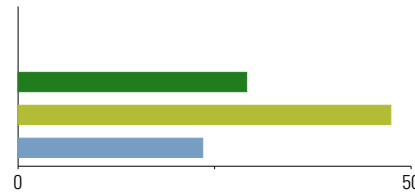
Morningstar Style Box™



Style Breakdown

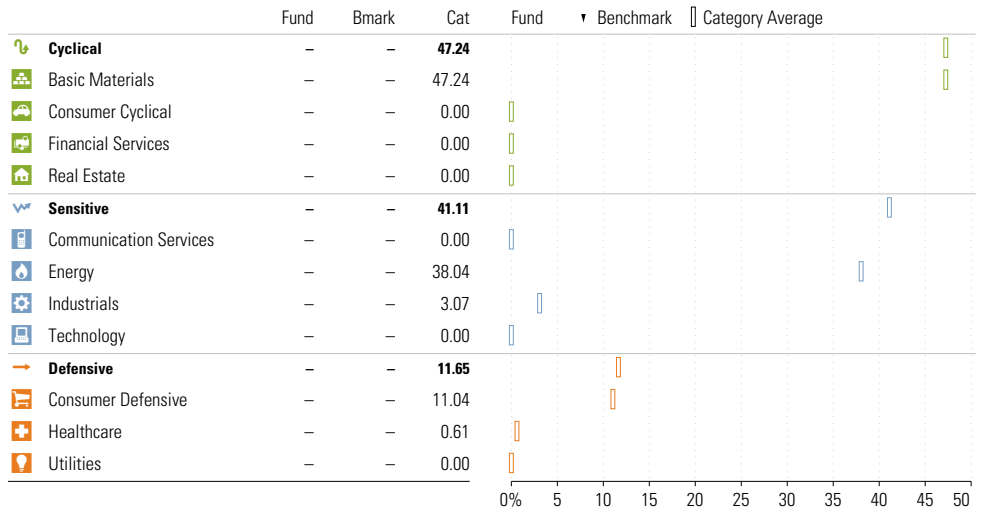


Asset Allocation as of 09-30-2022



Asset Class	Net %	Cat%
US Stocks	0.00	1.14
Non-US Stocks	0.00	0.94
Bonds	29.08	39.10
Cash	47.42	44.53
Other	23.49	14.29
Total	100.00	100.00

Sector Weighting as of 09-30-2022



Top 14 Holdings as of 09-30-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Invesco Cayman Commodity Fund Iii Hf	23.49	23.49	-	-
⊕ Invesco Shrt-Trm Inv Treasury Instl	16.56	40.05	-	-
⊕ Invesco Shrt-Trm Inv Gov&Agcy Instl	14.49	54.53	-	-
⊕ Invesco Shrt-Trm Inv Liq Assets Instl	10.27	64.80	-	-
United States Treasury Notes 3.02409%	7.21	72.01	-	-
United States Treasury Notes 3.13609%	6.71	78.72	-	-
United States Treasury Notes 3.08409%	6.29	85.02	-	-
United States Treasury Bills 0%	5.84	90.86	-	-
United States Treasury Bills 0%	5.54	96.39	-	-
⊖ Usd Currency Cash	3.05	99.44	-	-
Citigroup Global Markets Holdings Inc. 0.01%	2.60	102.04	-	-
Societe Generale S.A. 0.1%	1.94	103.98	-	-
Barclays Bank plc 0.1%	1.09	105.07	-	-
Barclays Bank plc 0.01%	1.02	106.09	-	-

Total Holdings 14

⊕ Increase ⊖ Decrease ✨ New to Portfolio

MFS Conservative Allocation R3 MACNX

Morningstar Category
Allocation--30% to 50%
Equity

Morningstar Index
Morningstar US Mod Con Tgt Alloc NR
USD

Portfolio Manager(s)

Joseph Flaherty since 06-2002
Natalie Shapiro since 09-2018

Quantitative Screens

✔ **Performance:** The fund has finished in the Allocation--30% to 50% Equity category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 20.27 years.

✔ **Style:** The fund has landed in its primary style box — Large Blend — 84.85 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.83 is 11.7% lower than the Allocation--30% to 50% Equity category average.

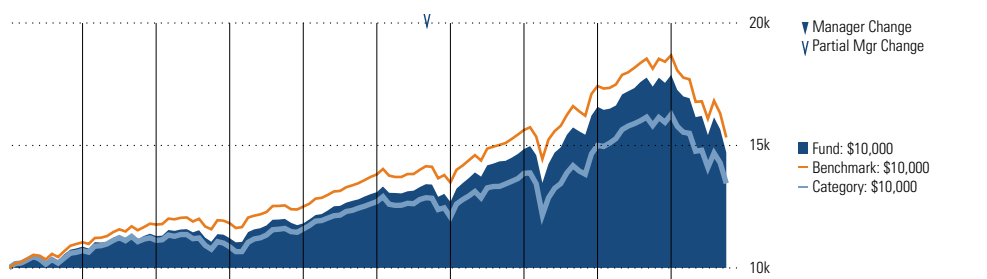
Morningstar Investment Management LLC Analysis

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

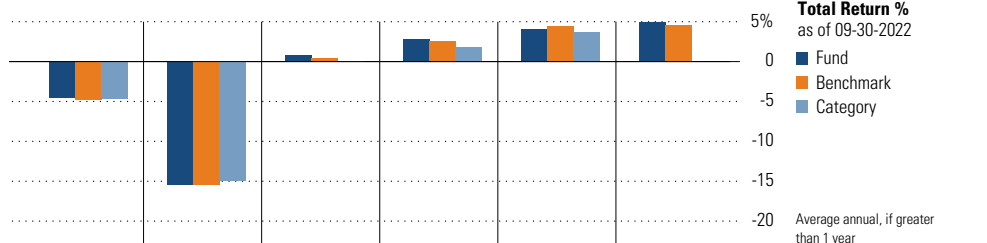
Metric	Rating	Updated
Sustainability Rating	3	08-31-2022

Growth of \$10,000



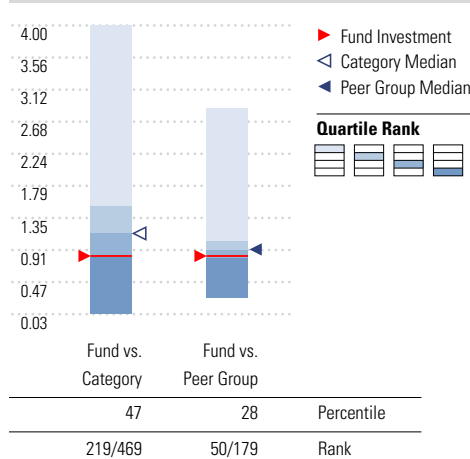
	2013	2014	2015	2016	2017	2018	2019	2020	2021	YTD	Performance Quartile (Within Category)
	8.71	3.96	-0.79	5.39	10.80	-3.06	17.02	11.62	7.86	-17.72	History
	-1.76	-2.59	-1.24	-0.38	0.29	-0.65	1.13	0.11	0.67	0.23	Total Return %
	1.48	-0.06	1.53	-1.23	0.94	1.98	2.21	2.76	-0.38	-0.46	+/- Benchmark
	37	51	29	67	33	15	18	25	51	54	+/- Category
	523	500	549	515	497	510	492	459	465	465	Tot Ret % Rank in Cat
	5	5	9	5	3	6	4	12	6	9	# of Funds in Cat
	-	-	-	-	-	-	-	-	-	-	Turnover %
	-	-	-	-	-	-	-	-	-	-	Expense Ratio

Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	
	-4.61	-15.45	0.78	2.83	4.07	4.89	Fund Return %
	-4.75	-15.50	0.50	2.63	4.44	4.61	Benchmark Return %
	-4.63	-14.96	0.12	1.76	3.66	-	Category Average %
	45	48	37	14	28	-	% Rank in Category
	469	465	429	401	290	-	# of Funds in Category

Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.29	-	-0.36
Beta	1.05	-	1.05
R-Squared	98.01	-	93.02
Standard Deviation	10.41	9.78	10.62
Sharpe Ratio	0.06	0.03	0.01
Tracking Error	1.56	-	2.94
Information Ratio	0.18	-	-0.11
Up Capture Ratio	107.33	-	102.55
Down Capture Ratio	105.31	-	105.68

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	19.43	14.88	15.27
Price/Book Ratio	2.88	2.34	2.52
Avg Eff Duration	5.32	6.45	5.27

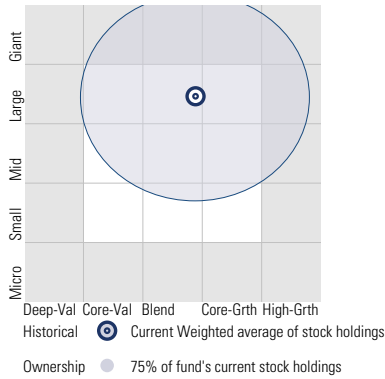
MFS Conservative Allocation R3 MACNX

Morningstar Category
Allocation--30% to 50%
Equity

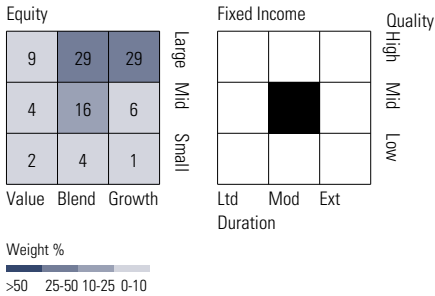
Morningstar Index
Morningstar US Mod Con Tgt Alloc NR
USD

Style Analysis as of 09-30-2022

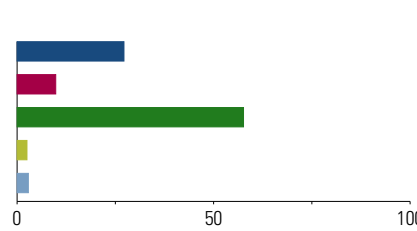
Morningstar Style Box™



Style Breakdown

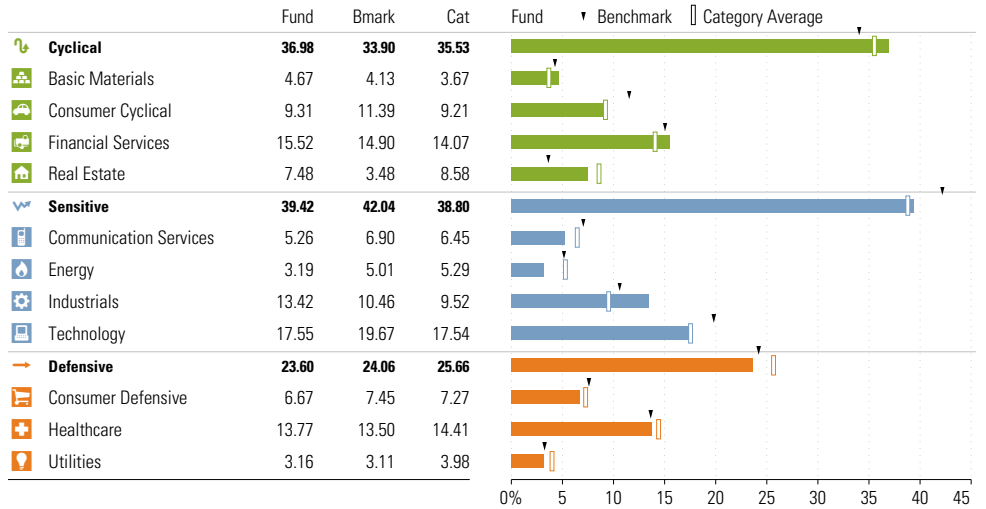


Asset Allocation as of 09-30-2022



Asset Class	Net %	Cat%
US Stocks	27.19	25.42
Non-US Stocks	9.83	6.31
Bonds	57.61	55.69
Cash	2.51	6.99
Other	2.86	5.59
Total	100.00	100.00

Sector Weighting as of 09-30-2022



Top 10 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ MFS Total Return Bond R6	—	15.01	15.01	—	—
⊕ MFS Limited Maturity R6	—	10.06	25.07	—	—
⊖ MFS Inflation-Adjusted Bond R6	—	10.02	35.09	—	—
⊕ MFS Government Securities R6	—	9.99	45.08	—	—
⊕ MFS Global Opportunistic Bd R6	—	7.02	52.11	—	—
⊖ MFS Value R6	—	6.01	58.11	—	—
⊖ MFS Research R6	—	5.97	64.09	—	—
⊖ MFS Growth R6	—	5.88	69.97	—	—
⊖ MFS High Income R6	—	4.01	73.98	—	—
⊖ MFS Mid Cap Value R6	—	4.00	77.98	—	—

Total Holdings 22

⊕ Increase ⊖ Decrease ✱ New to Portfolio

MFS Growth Allocation R3 MAGEX

Morningstar Category
Allocation--70% to 85%
Equity

Morningstar Index
Morningstar US Mod Agg Tgt Alloc NR
USD

Portfolio Manager(s)

Joseph Flaherty since 06-2002
Natalie Shapiro since 09-2018

Quantitative Screens

✔ **Performance:** The fund has finished in the Allocation--70% to 85% Equity 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 20.27 years.

✔ **Style:** The fund has landed in its primary style box — Large Blend — 84.85 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.94 is 6% lower than the Allocation--70% to 85% Equity category average.

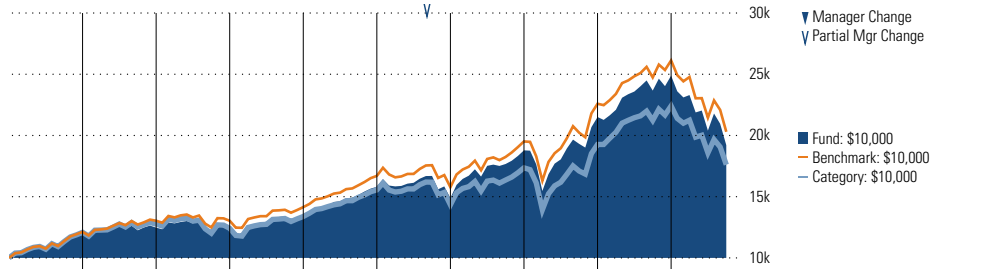
Morningstar Investment Management LLC Analysis

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	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022

Growth of \$10,000



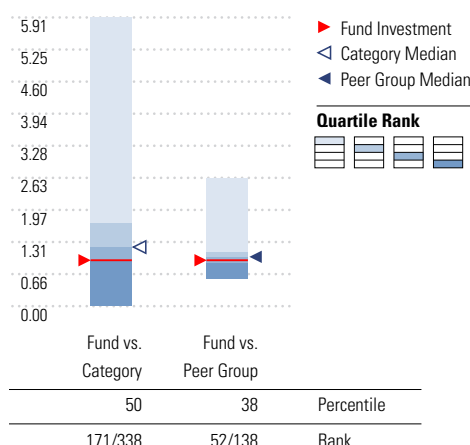
	2013	2014	2015	2016	2017	2018	2019	2020	2021	YTD	Performance Quartile (Within Category)
	20.16	3.82	-0.90	7.51	18.95	-5.85	26.20	14.48	15.71	-22.81	History
	-1.11	-3.68	-0.87	-1.05	0.92	-0.32	2.53	-1.30	0.06	-0.51	Total Return %
	-1.15	-1.89	1.87	-0.42	3.15	2.08	4.85	0.97	-0.79	-1.73	+/- Benchmark
	67	78	19	47	22	19	5	30	50	58	+/- Category
	409	399	424	377	350	354	343	333	338	332	Tot Ret % Rank in Cat
	5	2	6	3	1	2	3	4	7	11	# of Funds in Cat
	-	-	-	-	-	-	-	-	-	-	Turnover %
	-	-	-	-	-	-	-	-	-	-	Expense Ratio

Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Total Return % as of 09-30-2022
	-5.82	-18.84	2.82	4.87	6.95	6.35	Fund
	-5.37	-17.94	3.62	4.96	7.48	5.22	Benchmark
	-5.23	-16.74	2.78	3.53	6.27	-	Category
	65	65	50	17	32	-	Average annual, if greater than 1 year
	338	332	309	286	226	-	Fund Return %
							Benchmark Return %
							Category Average %
							% Rank in Category
							# of Funds in Category

Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.77	-	-0.84
Beta	1.01	-	1.01
R-Squared	98.38	-	94.73
Standard Deviation	16.40	16.07	16.75
Sharpe Ratio	0.21	0.26	0.21
Tracking Error	2.09	-	3.73
Information Ratio	-0.38	-	-0.29
Up Capture Ratio	100.65	-	98.74
Down Capture Ratio	104.45	-	103.04

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.79	14.84	13.67
Price/Book Ratio	2.72	2.34	2.27
Avg Eff Duration	4.94	6.45	5.75

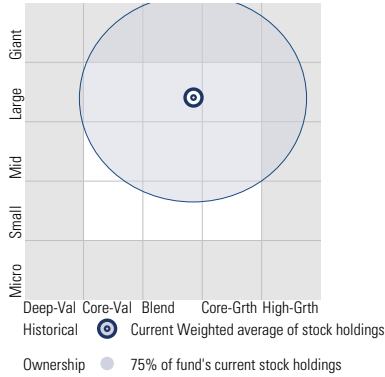
MFS Growth Allocation R3 MAGEX

Morningstar Category
Allocation--70% to 85%
Equity

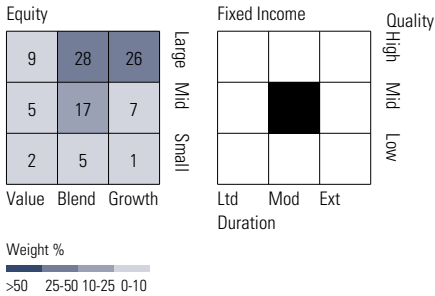
Morningstar Index
Morningstar US Mod Agg Tgt Alloc NR
USD

Style Analysis as of 09-30-2022

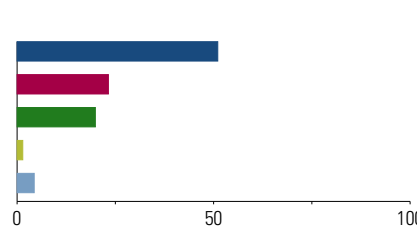
Morningstar Style Box™



Style Breakdown

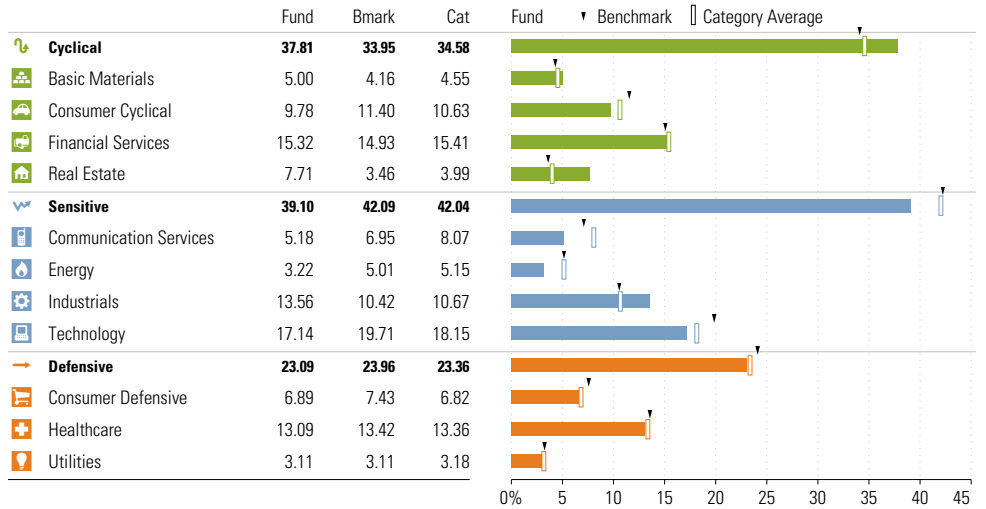


Asset Allocation as of 09-30-2022



Asset Class	Net %	Cat%
US Stocks	51.06	56.26
Non-US Stocks	23.23	17.28
Bonds	19.91	16.19
Cash	1.44	4.96
Other	4.35	5.32
Total	100.00	100.00

Sector Weighting as of 09-30-2022



Top 10 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ MFS Value R6	—	10.21	10.21	—	—
⊖ MFS Research R6	—	10.15	20.36	—	—
⊖ MFS Growth R6	—	9.77	30.12	—	—
⊖ MFS Mid Cap Value R6	—	9.15	39.28	—	—
⊖ MFS Mid Cap Growth R6	—	8.85	48.12	—	—
⊕ MFS Research International R6	—	6.80	54.92	—	—
⊕ MFS Inflation-Adjusted Bond R6	—	5.07	60.00	—	—
⊖ MFS Commodity Strategy R6	—	4.13	64.13	—	—
⊕ MFS High Income R6	—	4.06	68.18	—	—
⊕ MFS Global Real Estate R6	—	3.89	72.08	—	—

Total Holdings 22

⊕ Increase ⊖ Decrease ✱ New to Portfolio

MFS International Growth R3 MGRTX

Morningstar Category
Foreign Large Growth

Morningstar Index
MSCI EAFE NR USD

Portfolio Manager(s)

Kevin Dwan since 01-2012

Matthew Barrett since 03-2015

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 10.75 years.

✘ **Style:** The fund has landed in its primary style box — Large Growth — 63.64 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 1.07 is 1.9% higher than the Foreign Large Growth category average.

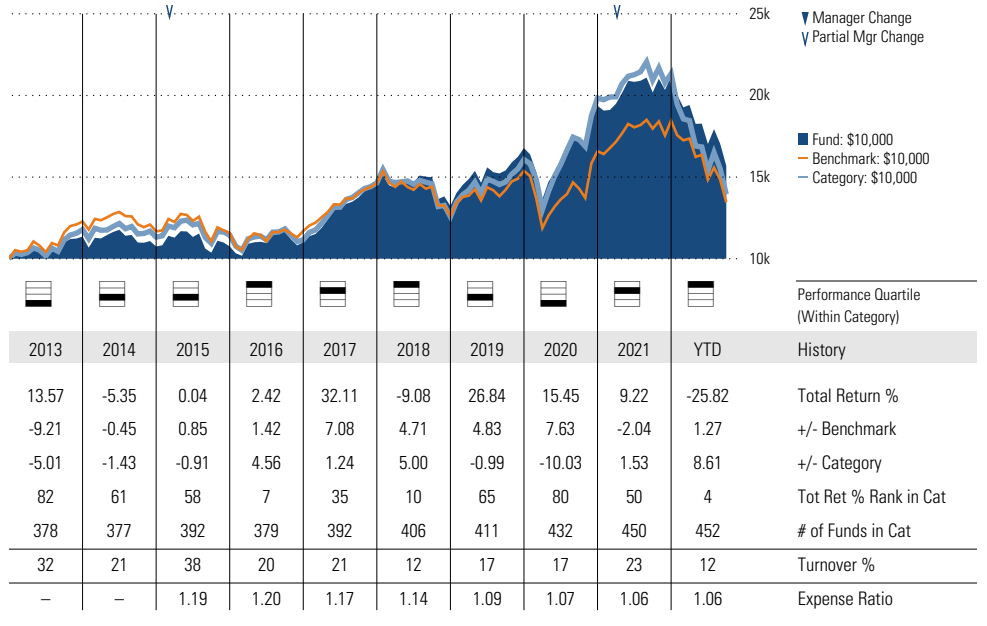
Morningstar Investment Management LLC Analysis

This fund fails the style consistency screen because it tends to plot near the border of large-cap blend and large-cap growth in the Morningstar Stylebox. However, the fund's investment style is consistent and we are not concerned about this screen result.

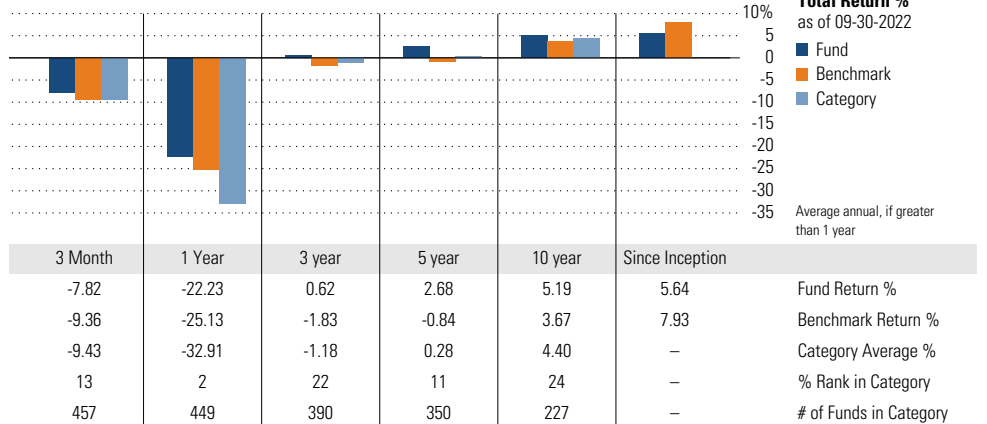
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022

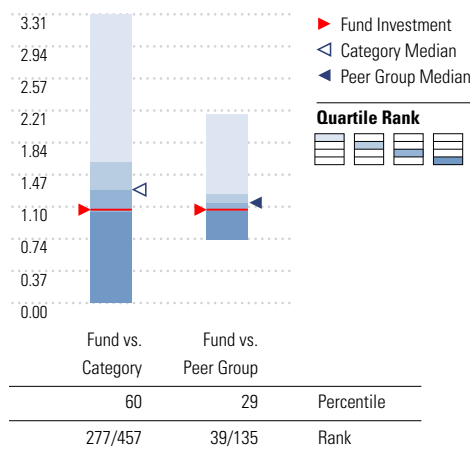
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	2.06	-	0.70
Beta	0.85	-	0.97
R-Squared	92.76	-	83.00
Standard Deviation	16.86	19.12	20.41
Sharpe Ratio	0.08	-0.04	0.00
Tracking Error	5.38	-	8.47
Information Ratio	0.46	-	0.06
Up Capture Ratio	98.03	-	105.45
Down Capture Ratio	89.25	-	103.29

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.98	11.53	17.83
Price/Book Ratio	2.80	1.45	2.68
Geom Avg Mkt Cap \$B	54.71	37.04	42.78
ROE	20.85	18.66	21.82

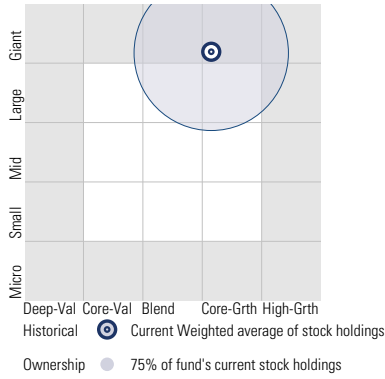
MFS International Growth R3 MGRTX

Morningstar Category
Foreign Large Growth

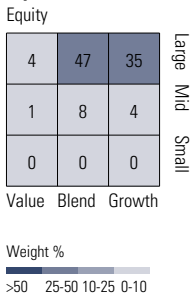
Morningstar Index
MSCI EAFE NR USD

Style Analysis as of 09-30-2022

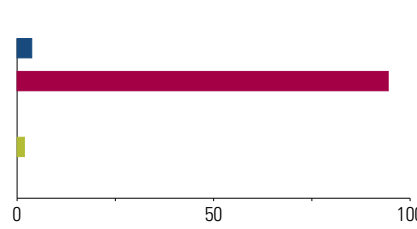
Morningstar Style Box™



Style Breakdown

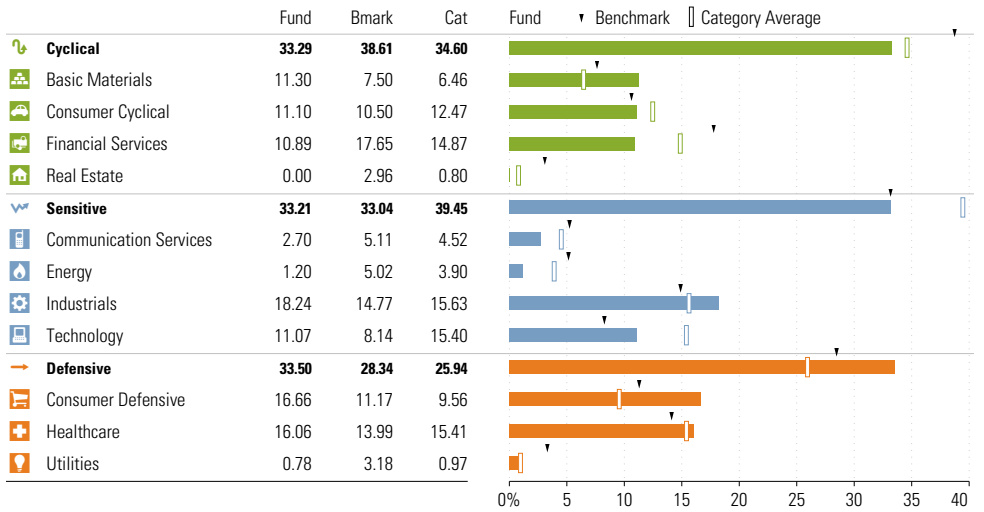


Asset Allocation as of 09-30-2022



Asset Class	Net %	Cat%
US Stocks	3.73	7.17
Non-US Stocks	94.42	89.29
Bonds	0.00	0.06
Cash	1.85	3.04
Other	0.00	0.44
Total	100.00	100.00

Sector Weighting as of 09-30-2022



World Regions % Equity 09-30-2022



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	30.33	27.73	Americas	13.98	15.17	Greater Europe	55.70	57.11	Developed Markets	87.79
Japan	8.99	11.15	North America	11.82	13.28	United Kingdom	11.77	12.20	Emerging Markets	12.21
Australasia	0.78	1.91	Central/Latin	2.16	1.89	W euro-ex UK	43.51	44.27	Not Available	0.00
Asia-4 Tigers	10.50	6.07				Emrgng Europe	0.00	0.03		
Asia-ex 4 Tigers	10.06	8.60				Africa	0.42	0.61		
Not Classified	0.00	0.00								

Top 10 Holdings as of 09-30-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Nestle SA	4.77	4.77	-14.55	Consumer Defensive
Roche Holding AG	4.43	9.21	-13.08	Healthcare
Hitachi Ltd	3.44	12.65	-1.03	Industrials
LVMH Moet Hennessy Louis Vuitton SE	3.26	15.91	-15.08	Consumer Cyclical
Taiwan Semiconductor Manufacturing Co Ltd ADR	3.11	19.02	-42.10	Technology
Novartis AG	2.89	21.91	-3.41	Healthcare
AIA Group Ltd	2.76	24.67	-14.84	Financial Services
Linde PLC	2.73	27.40	-21.17	Basic Materials
Schneider Electric SE	2.61	30.01	-30.51	Industrials
Reckitt Benckiser Group PLC	2.60	32.61	-3.02	Consumer Defensive

Total Holdings 88

⊕ Increase ⊖ Decrease ✱ New to Portfolio

MFS Moderate Allocation R3 MAMHX

Morningstar Category
Allocation--50% to 70%
Equity

Morningstar Index
Morningstar US Mod Tgt Alloc NR USD

Portfolio Manager(s)

Joseph Flaherty since 06-2002
Natalie Shapiro since 09-2018

Quantitative Screens

✔ **Performance:** The fund has finished in the Allocation--50% to 70% Equity 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 20.27 years.

✔ **Style:** The fund has landed in its primary style box — Large Blend — 84.85 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.9 is 12.62% lower than the Allocation--50% to 70% Equity category average.

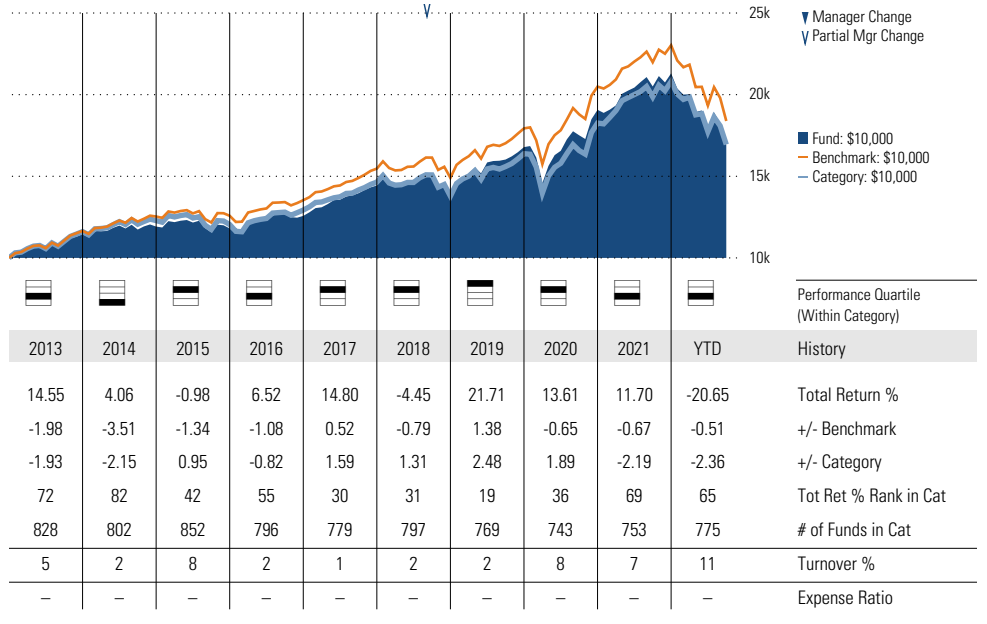
Morningstar Investment Management LLC Analysis

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.

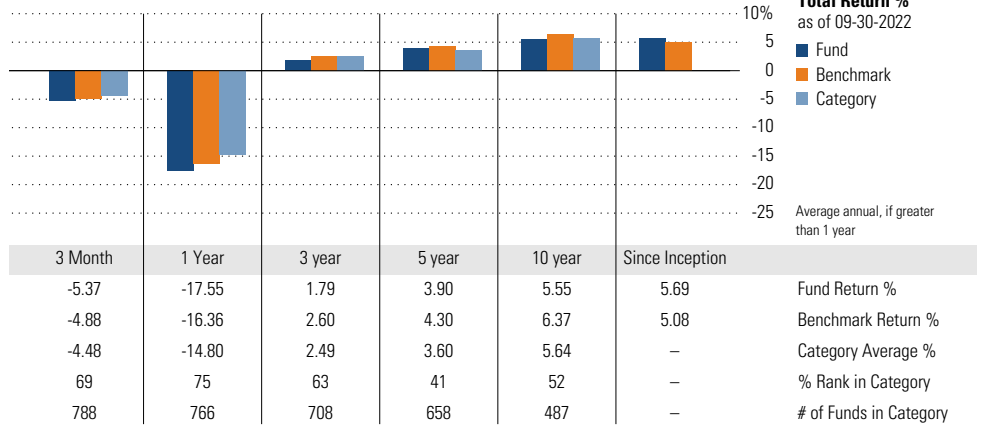
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	12-31-2021

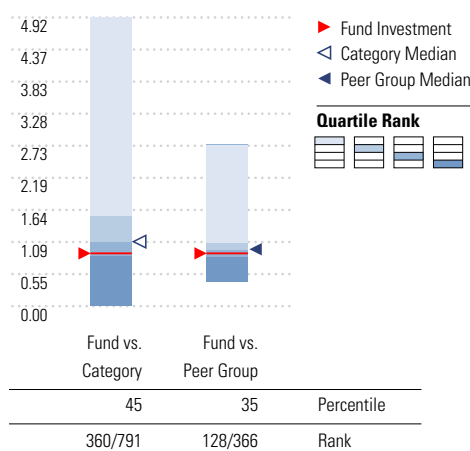
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.78	-	-0.19
Beta	1.01	-	1.01
R-Squared	98.30	-	93.81
Standard Deviation	13.38	13.19	13.79
Sharpe Ratio	0.15	0.21	0.19
Tracking Error	1.75	-	3.33
Information Ratio	-0.46	-	-0.07
Up Capture Ratio	99.04	-	100.14
Down Capture Ratio	103.53	-	101.57

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.05	15.39	15.85
Price/Book Ratio	2.79	2.51	2.63
Avg Eff Duration	5.70	6.45	5.02

MFS Moderate Allocation R3 MAMHX

Morningstar Category
Allocation--50% to 70%

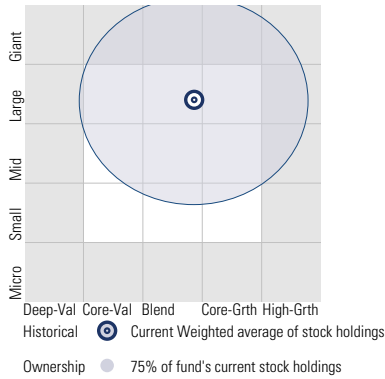
Morningstar Index

Morningstar US Mod Tgt Alloc NR USD

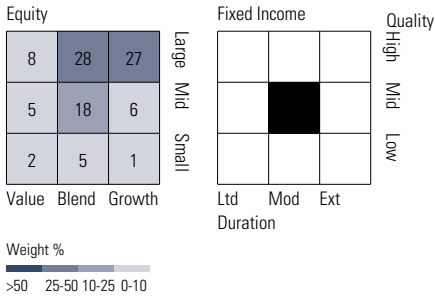
Equity

Style Analysis as of 09-30-2022

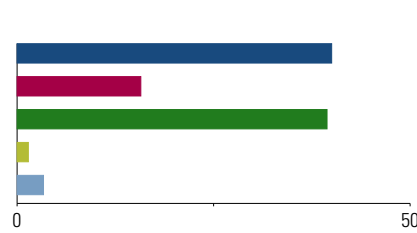
Morningstar Style Box™



Style Breakdown

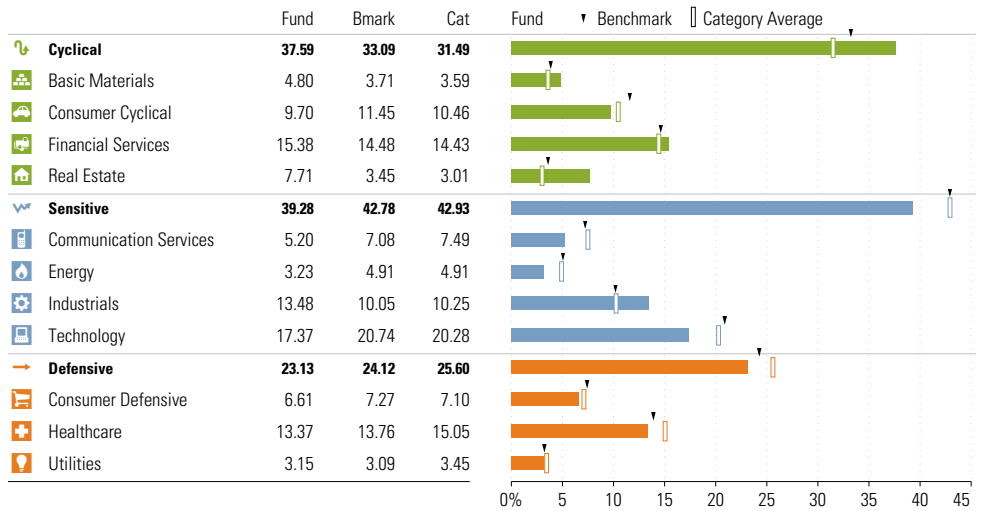


Asset Allocation as of 09-30-2022



Asset Class	Net %	Cat%
US Stocks	40.02	46.54
Non-US Stocks	15.74	9.57
Bonds	39.43	34.14
Cash	1.43	6.18
Other	3.36	3.56
Total	100.00	100.00

Sector Weighting as of 09-30-2022



Top 10 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ MFS Government Securities R6	—	10.04	10.04	—	—
⊕ MFS Total Return Bond R6	—	9.04	19.08	—	—
⊖ MFS Value R6	—	8.11	27.19	—	—
⊖ MFS Research R6	—	8.10	35.29	—	—
⊖ MFS Growth R6	—	7.82	43.11	—	—
⊖ MFS Mid Cap Value R6	—	7.09	50.19	—	—
⊕ MFS Inflation-Adjusted Bond R6	—	7.05	57.25	—	—
⊖ MFS Mid Cap Growth R6	—	6.91	64.15	—	—
⊕ MFS Global Opportunistic Bd R6	—	5.03	69.19	—	—
⊕ MFS Research International R6	—	4.87	74.06	—	—

Total Holdings 23

⊕ Increase ⊖ Decrease ✱ New to Portfolio

MFS New Discovery R3 MNDHX

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

✔ **Management:** The fund's management has been in place for 8.75 years.

✔ **Style:** The fund has landed in its primary style box — Small Growth — 69.7 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 1.24 is 4.2% higher than the Small Growth category average.

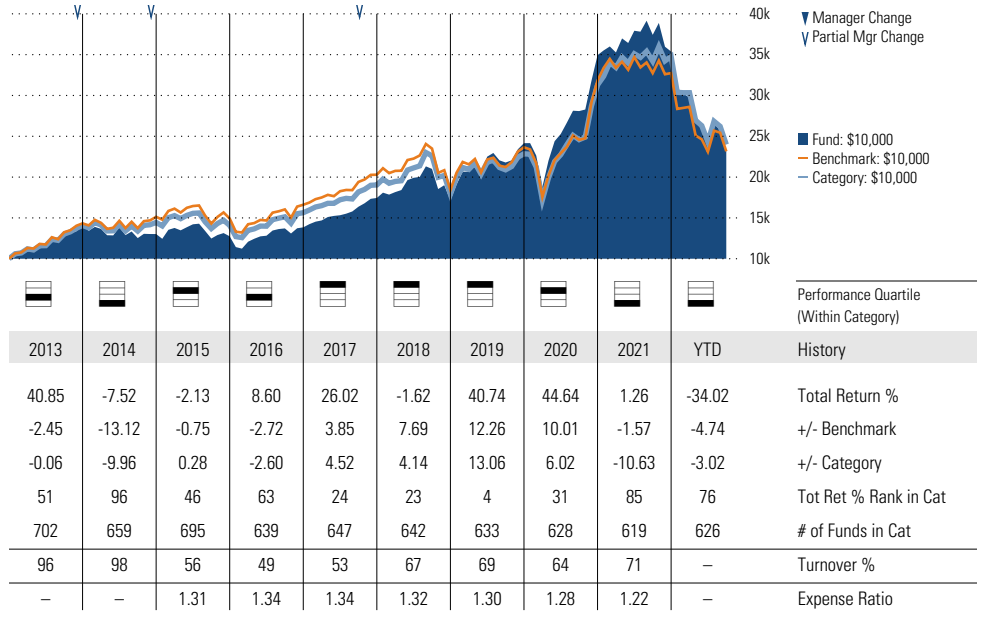
Morningstar Investment Management LLC Analysis

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.

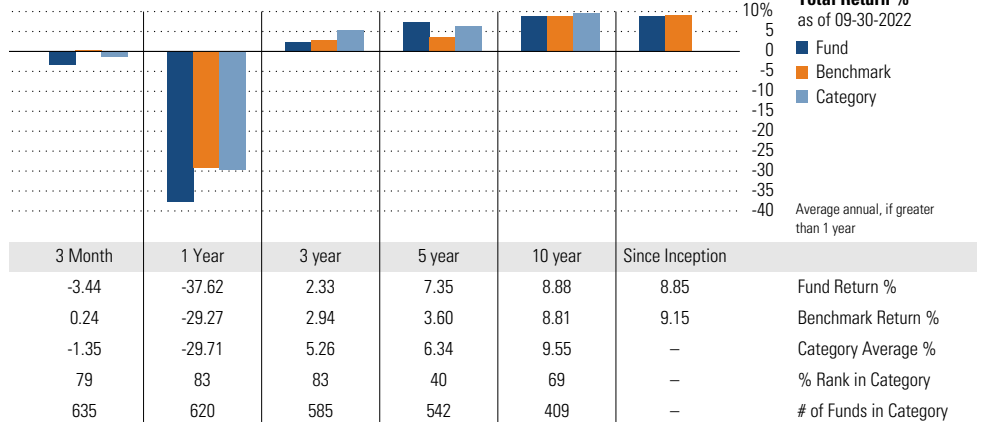
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	5	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022

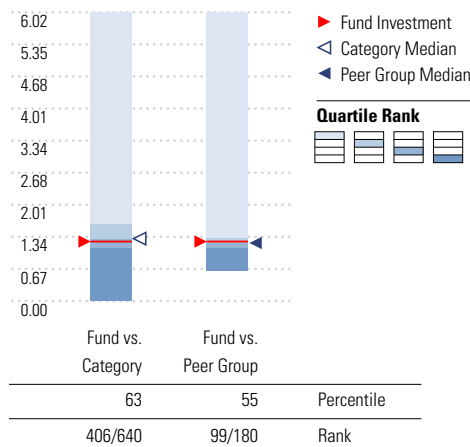
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.42	-	2.14
Beta	0.93	-	0.95
R-Squared	93.65	-	91.07
Standard Deviation	25.08	25.97	26.02
Sharpe Ratio	0.19	0.21	0.28
Tracking Error	6.54	-	7.98
Information Ratio	-0.09	-	0.25
Up Capture Ratio	91.56	-	99.82
Down Capture Ratio	93.07	-	94.40

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.76	13.92	20.21
Price/Book Ratio	2.73	3.41	3.60
Geom Avg Mkt Cap \$B	3.23	2.37	4.40
ROE	5.37	10.03	15.28

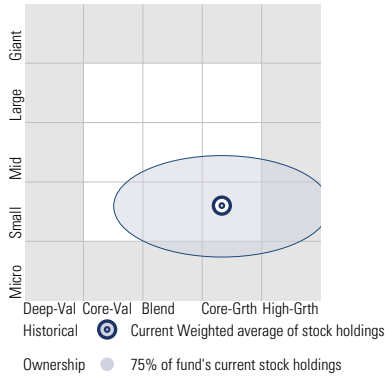
MFS New Discovery R3 MNDHX

Morningstar Category
Small Growth

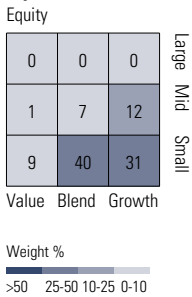
Morningstar Index
Russell 2000 Growth TR USD

Style Analysis as of 09-30-2022

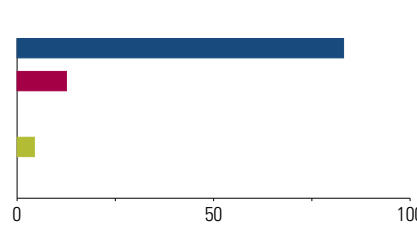
Morningstar Style Box™



Style Breakdown

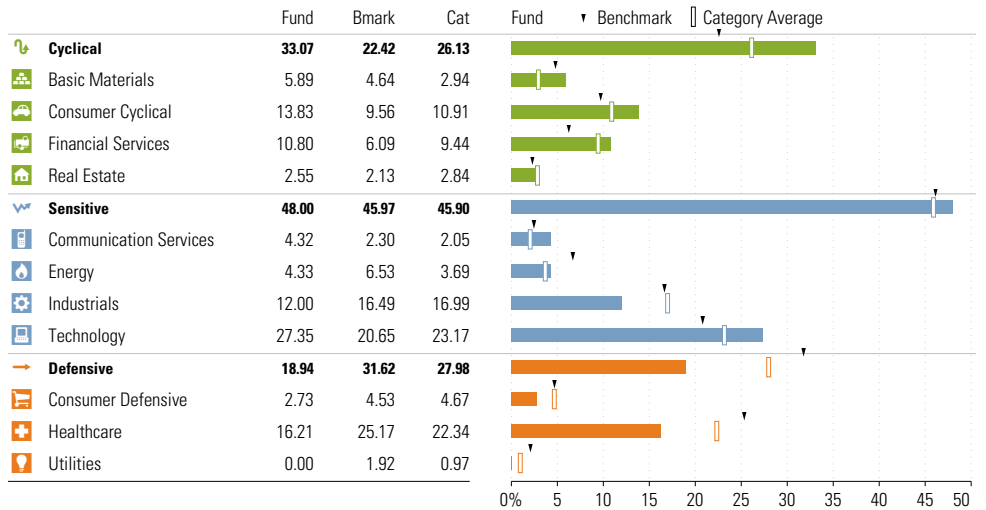


Asset Allocation as of 09-30-2022



Asset Class	Net %	Cat%
US Stocks	83.07	92.44
Non-US Stocks	12.54	4.23
Bonds	0.00	0.01
Cash	4.39	2.96
Other	0.00	0.37
Total	100.00	100.00

Sector Weighting as of 09-30-2022



Top 15 Holdings as of 09-30-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Currency Cash CASH_USD	4.39	4.39	—	—
ExlService Holdings Inc	2.17	6.56	1.79	Technology
Axalta Coating Systems Ltd	2.06	8.62	-36.41	Basic Materials
⊕ WNS (Holdings) Ltd ADR	1.97	10.59	-7.23	Technology
⊖ Advanced Energy Industries Inc	1.91	12.50	-14.66	Industrials
Element Solutions Inc	1.87	14.37	-32.00	Basic Materials
Hamilton Lane Inc Class A	1.84	16.22	-41.36	Financial Services
Skechers USA Inc Class A	1.84	18.05	-26.91	Consumer Cyclical
⊕ ChampionX Corp	1.74	19.79	-2.42	Energy
The AZEK Co Inc Class A	1.73	21.52	-64.06	Industrials
Sensata Technologies Holding PLC	1.71	23.24	-39.21	Technology
Ingevity Corp	1.70	24.94	-15.44	Basic Materials
Syneos Health Inc Class A	1.66	26.60	-54.08	Healthcare
⊕ Magnolia Oil & Gas Corp Class A	1.65	28.25	6.57	Energy
⊖ EVO Payments Inc Class A	1.54	29.79	30.08	Technology

Total Holdings 109

⊕ Increase ⊖ Decrease ✨ New to Portfolio

MFS Research International R3 MRSHX

Morningstar Category
Foreign Large Blend

Morningstar Index
MSCI ACWI Ex USA NR USD

Portfolio Manager(s)

Victoria Higley since 04-2016
Camille Lee since 09-2018

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 6.42 years.

✔ **Style:** The fund has landed in its primary style box — Large Blend — 93.94 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 1.01 is 8.6% higher than the Foreign Large Blend category average.

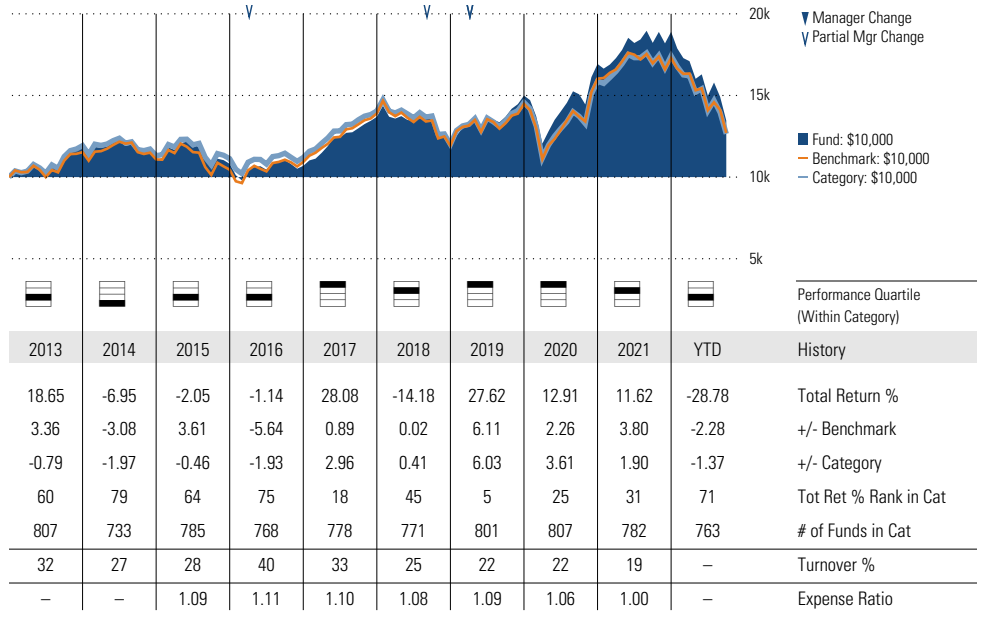
Morningstar Investment Management LLC Analysis

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.

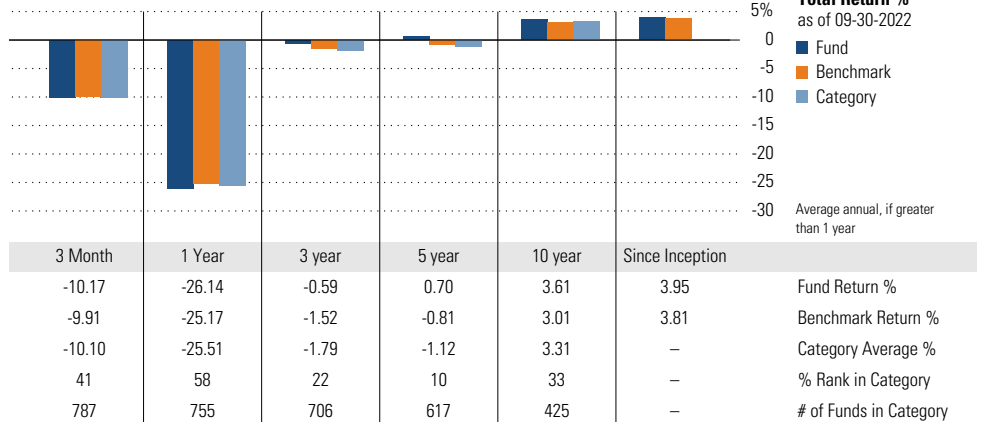
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	2-Basic	02-15-2022

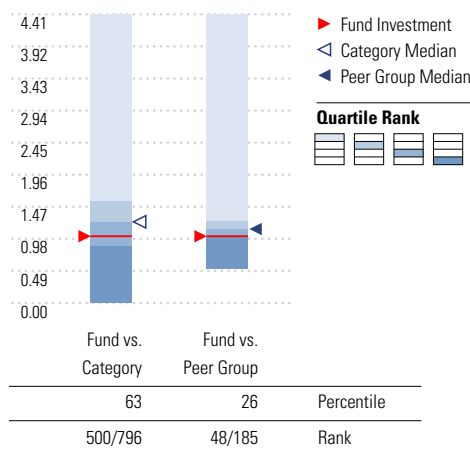
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.85	-	0.08
Beta	0.94	-	1.01
R-Squared	93.74	-	93.77
Standard Deviation	17.93	18.48	19.26
Sharpe Ratio	0.02	-0.03	-0.02
Tracking Error	4.62	-	4.83
Information Ratio	0.20	-	-0.01
Up Capture Ratio	102.59	-	103.08
Down Capture Ratio	98.73	-	103.04

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	15.64	11.06	11.27
Price/Book Ratio	2.02	1.49	1.51
Geom Avg Mkt Cap \$B	40.08	34.91	41.65
ROE	20.64	18.13	20.02

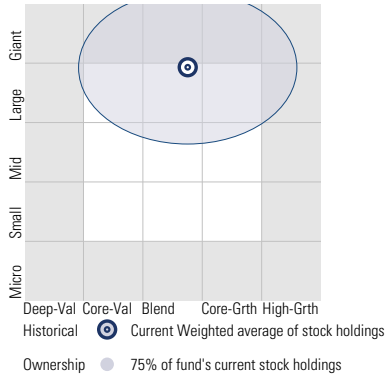
MFS Research International R3 MRSHX

Morningstar Category
Foreign Large Blend

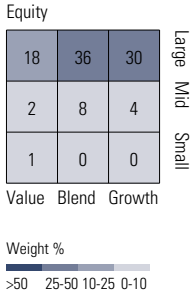
Morningstar Index
MSCI ACWI Ex USA NR USD

Style Analysis as of 09-30-2022

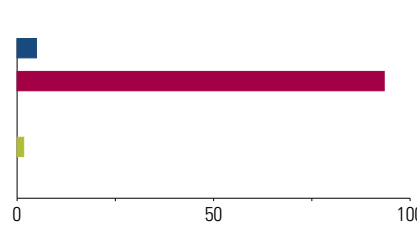
Morningstar Style Box™



Style Breakdown

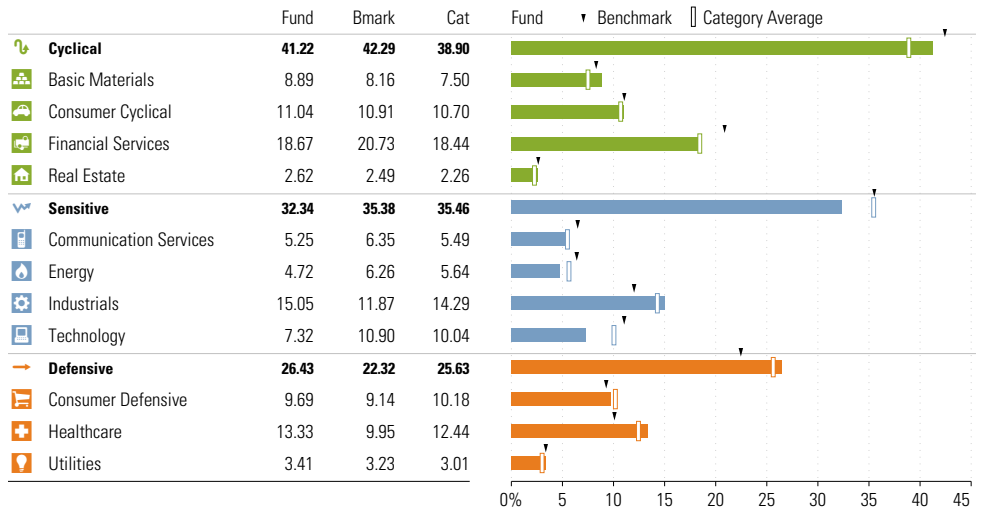


Asset Allocation as of 09-30-2022



Asset Class	Net %	Cat%
US Stocks	4.92	2.94
Non-US Stocks	93.41	94.78
Bonds	0.00	0.62
Cash	1.68	0.82
Other	0.00	0.83
Total	100.00	100.00

Sector Weighting as of 09-30-2022



World Regions % Equity 09-30-2022



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	34.92	36.02	Americas	7.22	9.12	Greater Europe	57.86	54.87	Developed Markets	95.53
Japan	20.11	18.20	North America	7.22	7.95	United Kingdom	15.16	13.86	Emerging Markets	4.47
Australasia	4.21	5.40	Central/Latin	0.00	1.17	W euro-ex UK	42.70	39.70	Not Available	0.00
Asia-4 Tigers	6.12	6.89				Emrgng Europe	0.00	0.06		
Asia-ex 4 Tigers	4.48	5.53				Africa	0.00	1.25		
Not Classified	0.00	0.00								

Top 10 Holdings as of 09-30-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Roche Holding AG	3.48	3.48	-13.08	Healthcare
Nestle SA	3.28	6.76	-14.55	Consumer Defensive
Novo Nordisk A/S Class B	3.16	9.92	4.70	Healthcare
Linde PLC	2.66	12.58	-21.17	Basic Materials
LVMH Moet Hennessy Louis Vuitton SE	2.46	15.04	-15.08	Consumer Cyclical
Schneider Electric SE	2.23	17.27	-30.51	Industrials
Hitachi Ltd	1.82	19.09	-1.03	Industrials
Aon PLC Class A	1.53	20.62	-10.33	Financial Services
London Stock Exchange Group PLC	1.52	22.15	11.54	Financial Services
British American Tobacco PLC	1.52	23.67	24.01	Consumer Defensive

Total Holdings 118

⊕ Increase ⊖ Decrease ✱ New to Portfolio

PIMCO Income A PONAX

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 15.52 years.

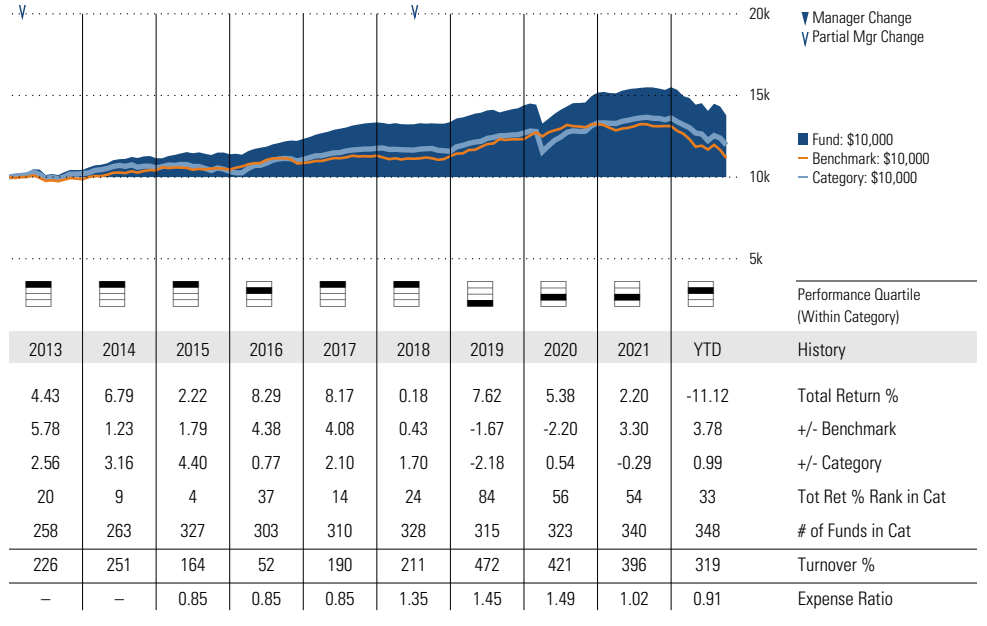
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.91 is 8.08% lower than the Multisector Bond category average.

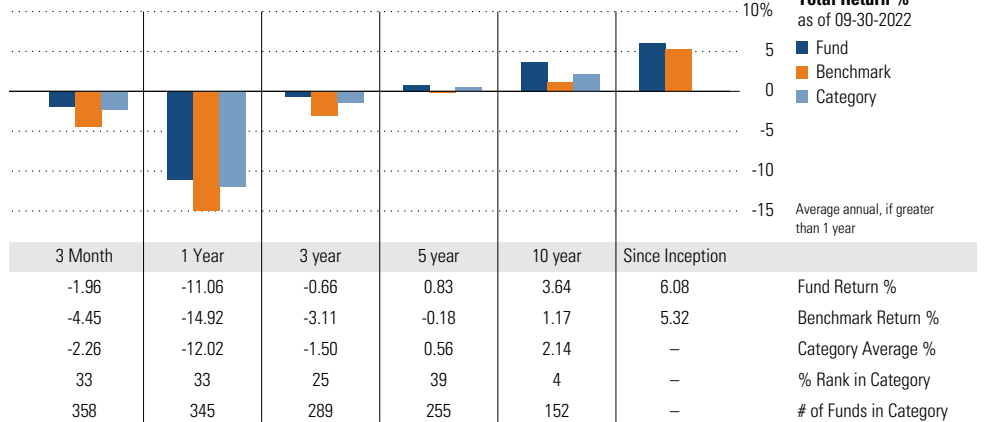
Morningstar Investment Management LLC Analysis

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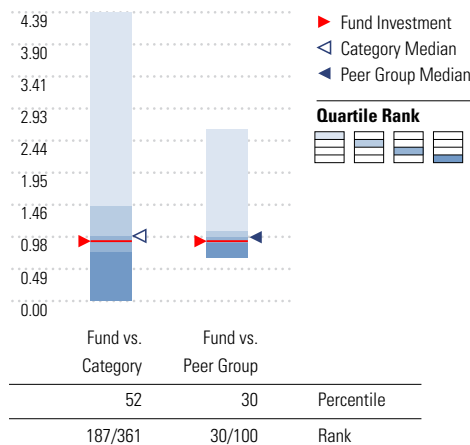
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	2.45	-	2.12
Beta	0.95	-	1.04
R-Squared	53.60	-	47.77
Standard Deviation	7.14	5.51	8.81
Sharpe Ratio	-0.14	-0.65	-0.19
Tracking Error	4.87	-	6.61
Information Ratio	0.50	-	0.32
Up Capture Ratio	113.26	-	121.01
Down Capture Ratio	80.17	-	94.57

Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	2.94	4.55	4.01
Avg Eff Maturity	4.83	7.69	7.95

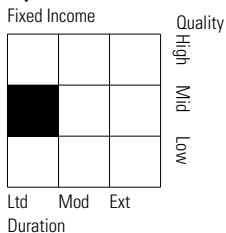
PIMCO Income A PONAX

Morningstar Category
Multisector Bond

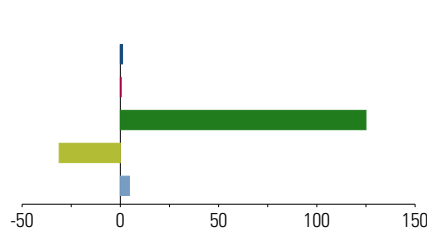
Morningstar Index
Bloomberg US Universal TR USD

Style Analysis as of 09-30-2022

Style Breakdown



Asset Allocation as of 09-30-2022

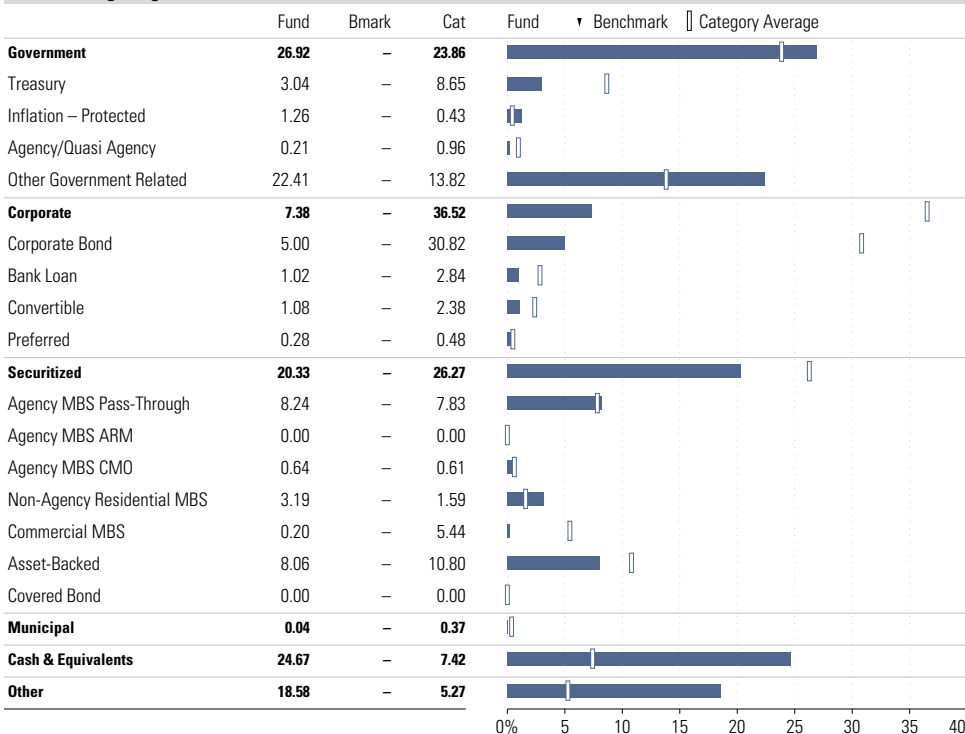


Asset Class	Net %	Cat%
US Stocks	1.12	1.56
Non-US Stocks	0.41	0.18
Bonds	124.99	96.06
Cash	-31.14	0.11
Other	4.61	2.08
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	40.76	67.64	21.84
AA	5.76	3.23	4.26
A	4.00	10.03	8.50
BBB	16.91	10.89	21.28
BB	18.59	3.19	18.20
B	4.74	3.64	16.05
Below B	9.24	1.38	5.79
Not Rated	0.00	0.00	4.08

Sector Weighting as of 09-30-2022



Top 10 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
✳ Cash Offset	-	25.21	25.21	-
✳ Offset: Unsettled Trades	-	15.76	40.97	-
⊕ CDX HY38 5Y ICE	06-2027	9.46	50.44	-
⊖ IRO USD 1Y P 1.27000 L 11/02/22 GLM	11-2022	8.85	59.29	-
⊖ IRS USD 0.70000 12/14/21-3Y LCH Pay	12-2024	8.66	67.95	-
⊖ IRS USD 0.80000 12/14/21-3Y LCH Pay	12-2024	8.65	76.60	-
⊖ IRS USD 0.80000 12/14/21-3Y LCH Receive	12-2024	8.16	84.77	-
⊖ IRS USD 0.70000 12/14/21-3Y LCH Receive	12-2024	8.16	92.93	-
⊖ 10 Year Treasury Note Future Sept 22	09-2022	7.46	100.38	-
⊖ BRITISH POUND STERLING Purchased	08-2022	6.75	107.13	-

Total Holdings 8056

⊕ Increase ⊖ Decrease ✳ New to Portfolio

PIMCO Short-Term A PSHAX

Morningstar Category
Ultrashort Bond

Morningstar Index
Bloomberg US Agg Bond TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 11.75 years.

Style Consistency is not calculated for Fixed Income funds.

✘ **Net Expense:** The fund's expense ratio of 0.7 is 48.94% higher than the Ultrashort Bond category average.

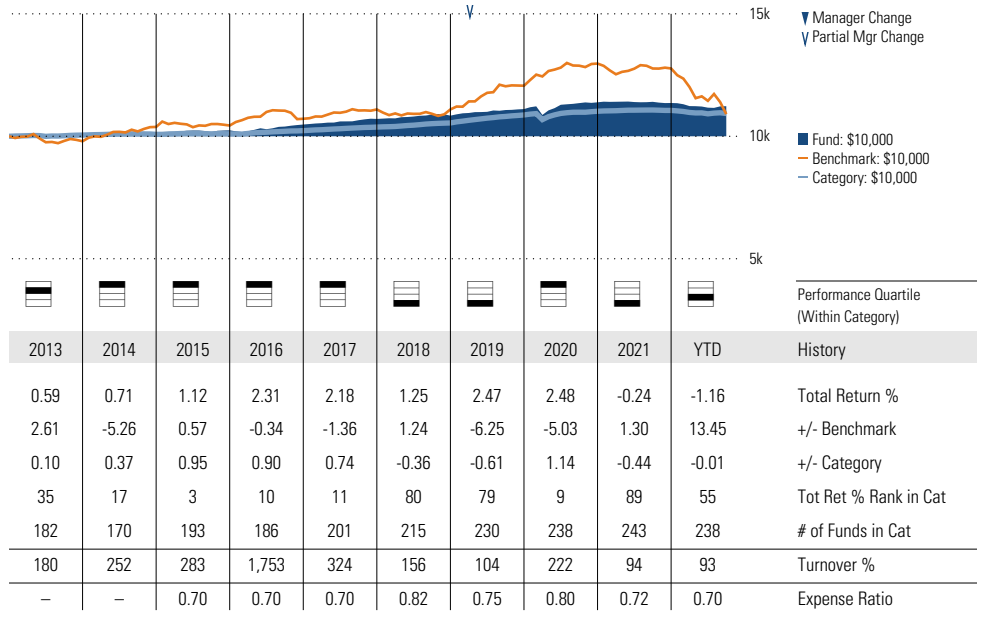
Morningstar Investment Management LLC Analysis

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

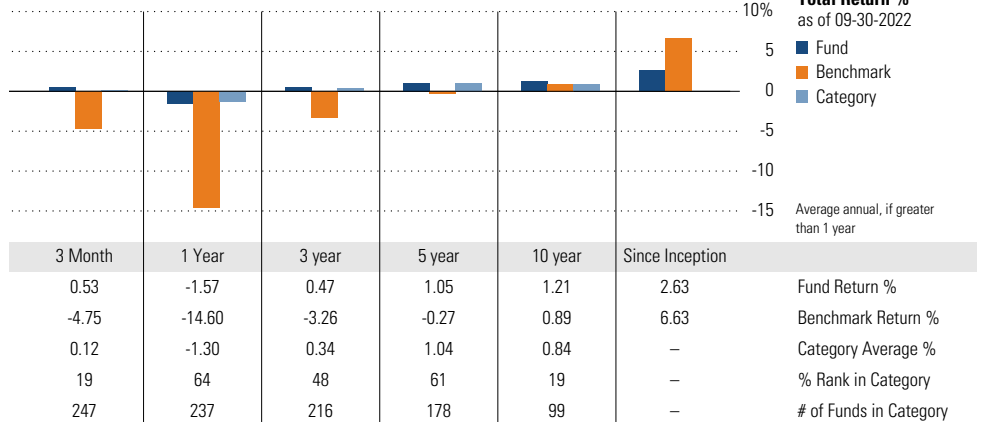
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	08-31-2022

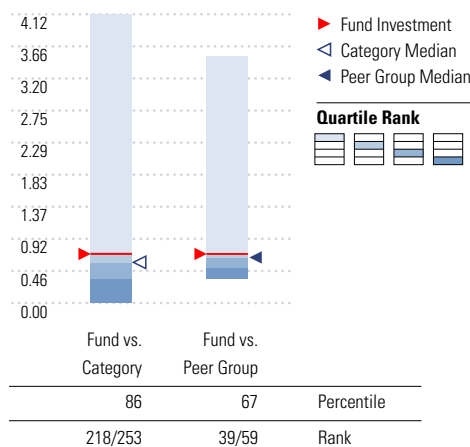
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.83	-	0.71
Beta	0.11	-	0.12
R-Squared	5.53	-	16.20
Standard Deviation	2.42	5.36	1.88
Sharpe Ratio	-0.06	-0.70	-0.23
Tracking Error	5.34	-	5.17
Information Ratio	0.70	-	0.69
Up Capture Ratio	28.33	-	25.28
Down Capture Ratio	12.04	-	12.13

Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	0.18	4.43	0.90
Avg Eff Maturity	-	-	2.34

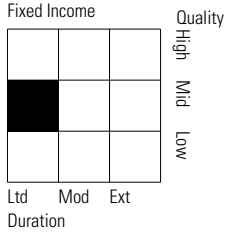
PIMCO Short-Term A PSHAX

Morningstar Category
Ultrashort Bond

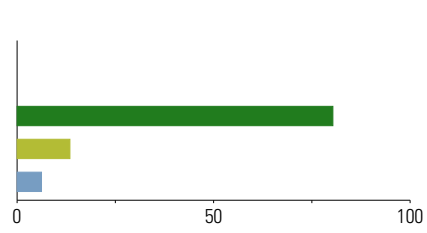
Morningstar Index
Bloomberg US Agg Bond TR USD

Style Analysis as of 09-30-2022

Style Breakdown



Asset Allocation as of 09-30-2022

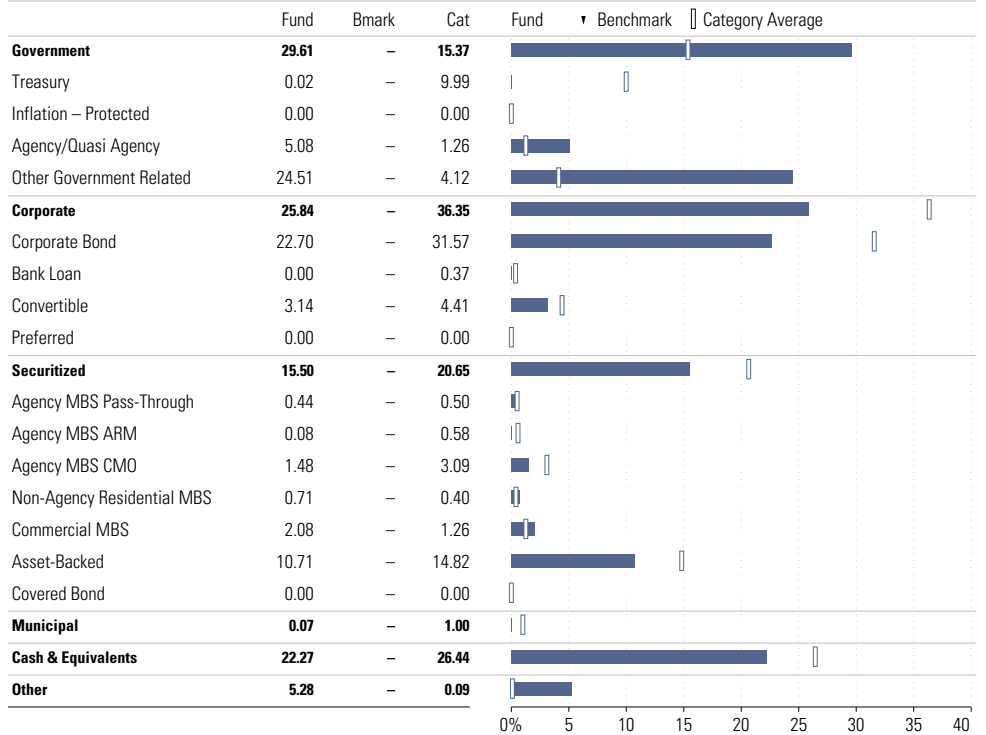


Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.00
Bonds	80.35	70.09
Cash	13.44	27.70
Other	6.21	2.22
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	42.34	3.53	43.89
AA	4.03	74.59	6.32
A	23.62	10.82	18.20
BBB	28.38	8.32	21.88
BB	1.27	0.28	1.39
B	0.19	0.00	1.10
Below B	0.17	0.00	0.26
Not Rated	0.00	2.46	6.97

Sector Weighting as of 09-30-2022



Top 10 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
✳ Cash Offset	-	38.32	38.32	-
⊖ 5 Year Treasury Note Future Sept 22	10-2022	29.03	67.35	-
⊕ 2 Year Treasury Note Future Sept 22	10-2022	8.68	76.03	-
⊖ CDX IG38 5Y ICE	06-2027	8.57	84.60	-
⊕ RFR USD SOFR/2.70423 07/06/22-2Y* CME Pay	03-2024	8.51	93.11	-
⊕ RFR USD SOFR/2.70423 07/06/22-2Y* CME Receive	03-2024	8.46	101.57	-
⊕ RFR USD SOFR/2.66833 07/06/22-2Y* CME Pay	03-2024	5.89	107.46	-
⊕ RFR USD SOFR/2.66833 07/06/22-2Y* CME Receive	03-2024	5.85	113.31	-
⊕ IRS USD R 3ML/1ML+9.75 01/13/22-23 CME Pay	01-2023	5.72	119.03	-
⊕ IRS USD R 3ML/1ML+9.75 01/13/22-23 CME Receive	01-2023	5.72	124.75	-

Total Holdings 1276

⊕ Increase ⊖ Decrease ✳ New to Portfolio

T. Rowe Price Dividend Growth Advisor TADGX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

Portfolio Manager(s)

Thomas Huber since 03-2000

Quantitative Screens

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

Management: The fund's management has been in place for 22.52 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 0.89 is 11.25% higher than the Large Blend category average.

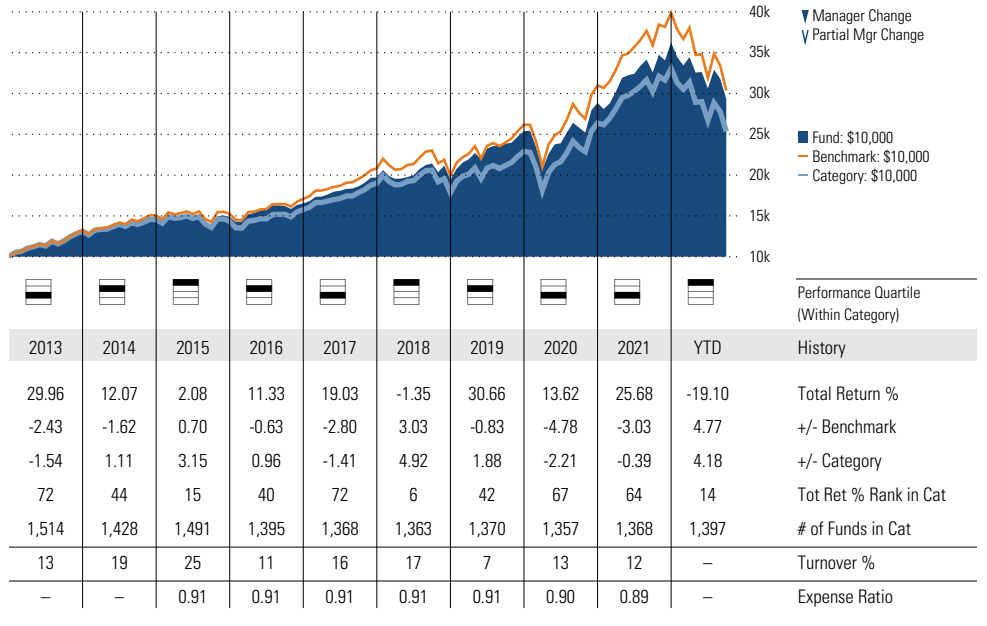
Morningstar Investment Management LLC Analysis

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

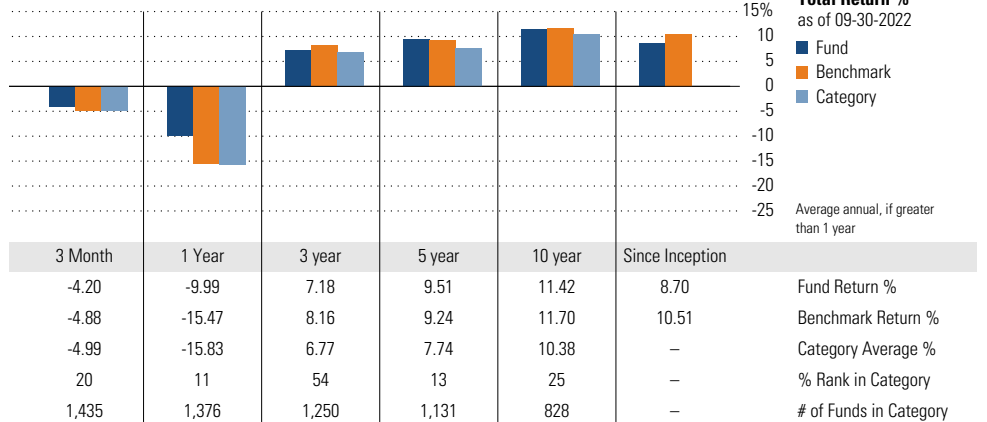
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022

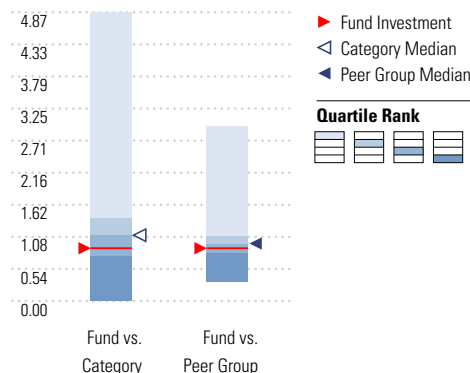
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.05	-	-1.32
Beta	0.87	-	0.96
R-Squared	96.04	-	95.48
Standard Deviation	18.00	20.30	19.87
Sharpe Ratio	0.44	0.45	0.37
Tracking Error	4.46	-	4.01
Information Ratio	-0.22	-	-0.98
Up Capture Ratio	88.49	-	92.89
Down Capture Ratio	89.08	-	97.59

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	24.12	17.98	18.23
Price/Book Ratio	4.62	3.38	3.60
Geom Avg Mkt Cap \$B	145.52	164.20	210.33
ROE	33.19	31.94	32.91

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

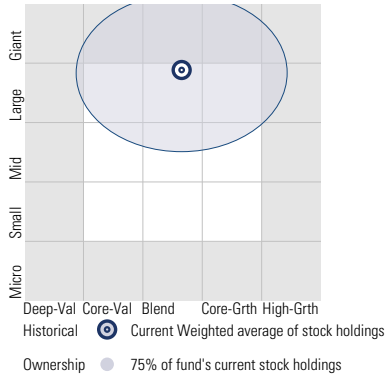
T. Rowe Price Dividend Growth Advisor TADGX

Morningstar Category
Large Blend

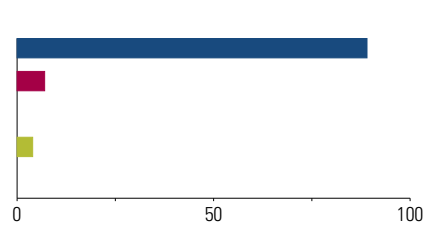
Morningstar Index
S&P 500 TR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™

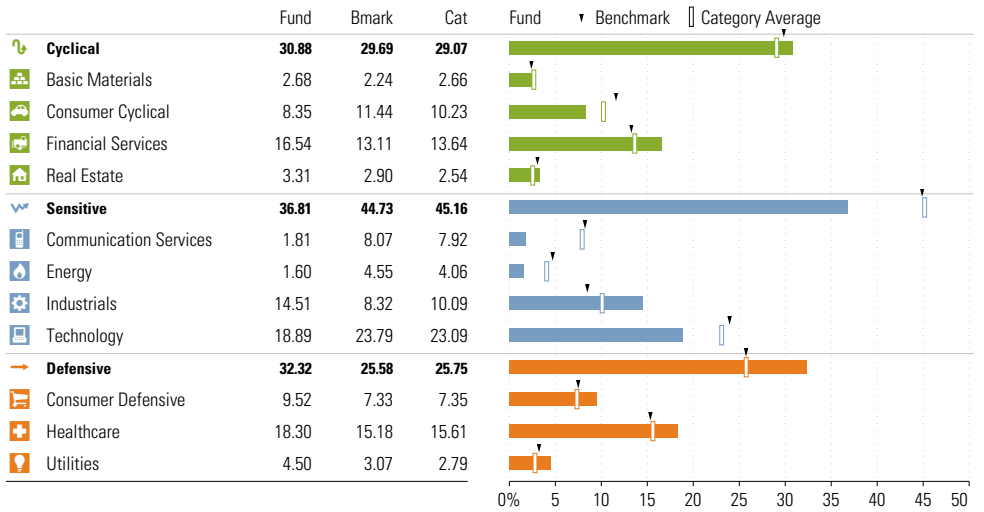


Asset Allocation as of 09-30-2022

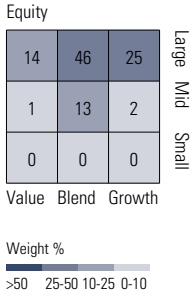


Asset Class	Net %	Cat%
US Stocks	89.03	94.84
Non-US Stocks	7.01	2.67
Bonds	0.00	0.87
Cash	3.96	0.53
Other	0.00	1.09
Total	100.00	100.00

Sector Weighting as of 09-30-2022



Style Breakdown



Top 15 Holdings as of 09-30-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	5.92	5.92	-30.20	Technology
Apple Inc	4.05	9.97	-21.79	Technology
T. Rowe Price Gov. Reserve	3.99	13.96	-	-
UnitedHealth Group Inc	2.61	16.58	1.52	Healthcare
Danaher Corp	2.42	19.00	-21.27	Healthcare
Accenture PLC Class A	1.93	20.93	-37.23	Technology
Visa Inc Class A	1.89	22.83	-17.50	Financial Services
Marsh & McLennan Companies Inc	1.87	24.69	-13.16	Financial Services
Chubb Ltd	1.84	26.54	-4.64	Financial Services
Thermo Fisher Scientific Inc	1.78	28.31	-23.85	Healthcare
AbbVie Inc	1.69	30.00	2.52	Healthcare
JPMorgan Chase & Co	1.63	31.63	-32.11	Financial Services
Roper Technologies Inc	1.46	33.09	-26.50	Industrials
Equity Residential	1.42	34.51	-23.65	Real Estate
Texas Instruments Inc	1.41	35.92	-16.04	Technology

Total Holdings 100

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Retirement 2010 Advisor PARAX

Morningstar Category
Target-Date 2000-2010

Morningstar Index
Morningstar Lifetime Mod 2010 TR USD

Portfolio Manager(s)

Wyatt Lee since 08-2015
Kimberly DeDominicis since 10-2019
Andrew Jacobs van Merlen since 01-2020

Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2000-2010 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 7.17 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 0.74 is 34.55% higher than the Target-Date 2000-2010 category average.

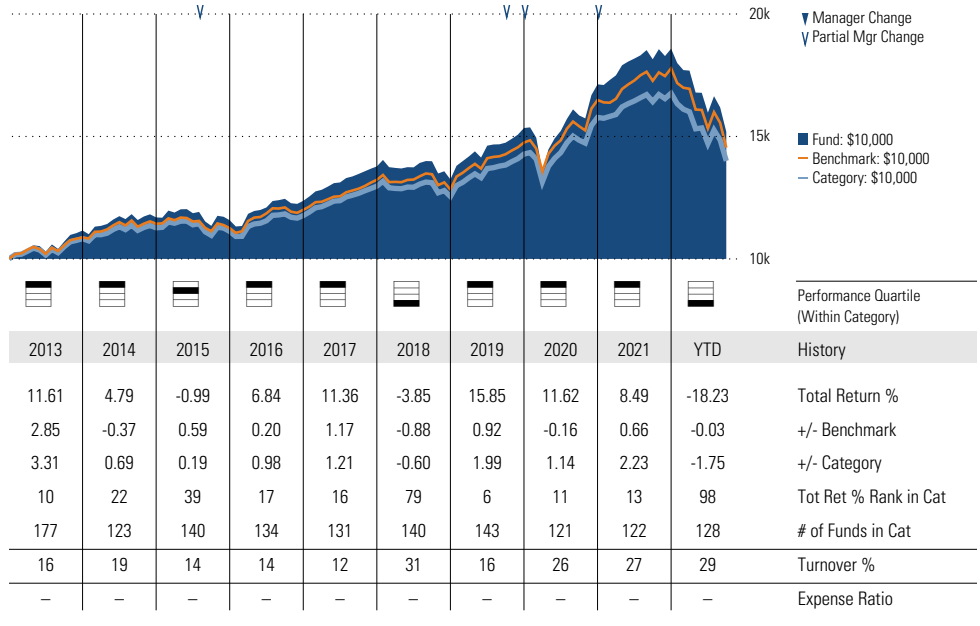
Morningstar Investment Management LLC Analysis

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

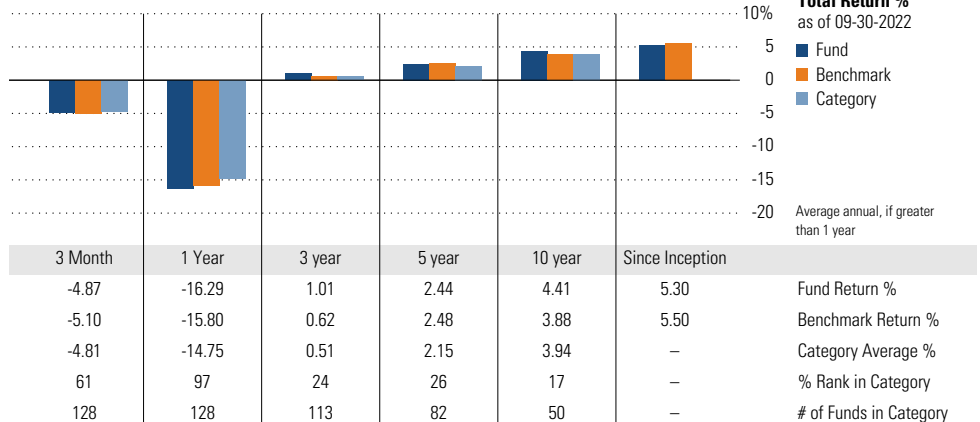
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	08-31-2022
ESG Commitment	1-Low	02-15-2022

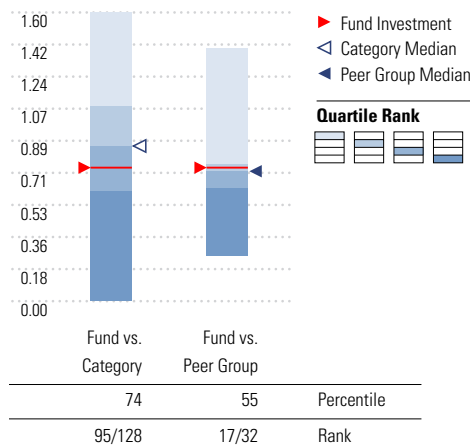
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.39	-	-0.14
Beta	1.09	-	0.89
R-Squared	96.77	-	97.02
Standard Deviation	11.16	10.05	9.05
Sharpe Ratio	0.09	0.05	0.02
Tracking Error	2.21	-	2.20
Information Ratio	0.17	-	-0.06
Up Capture Ratio	107.81	-	86.62
Down Capture Ratio	105.14	-	87.60

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.33	14.46	14.44
Price/Book Ratio	2.79	2.16	2.26
Avg Eff Duration	5.91	-	5.76

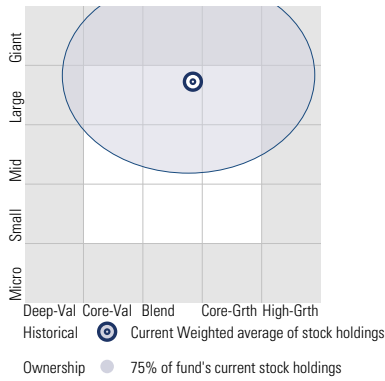
T. Rowe Price Retirement 2010 Advisor PARAX

Morningstar Category
Target-Date 2000-2010

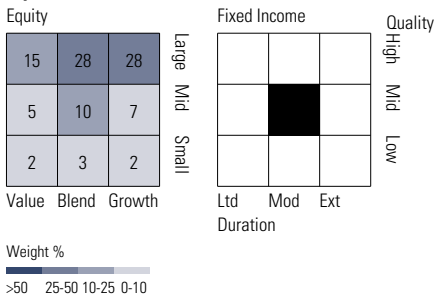
Morningstar Index
Morningstar Lifetime Mod 2010 TR USD

Style Analysis as of 09-30-2022

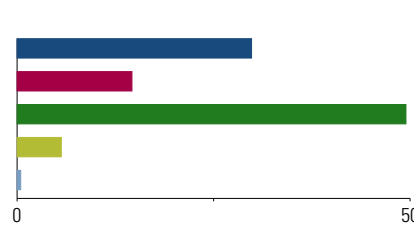
Morningstar Style Box™



Style Breakdown

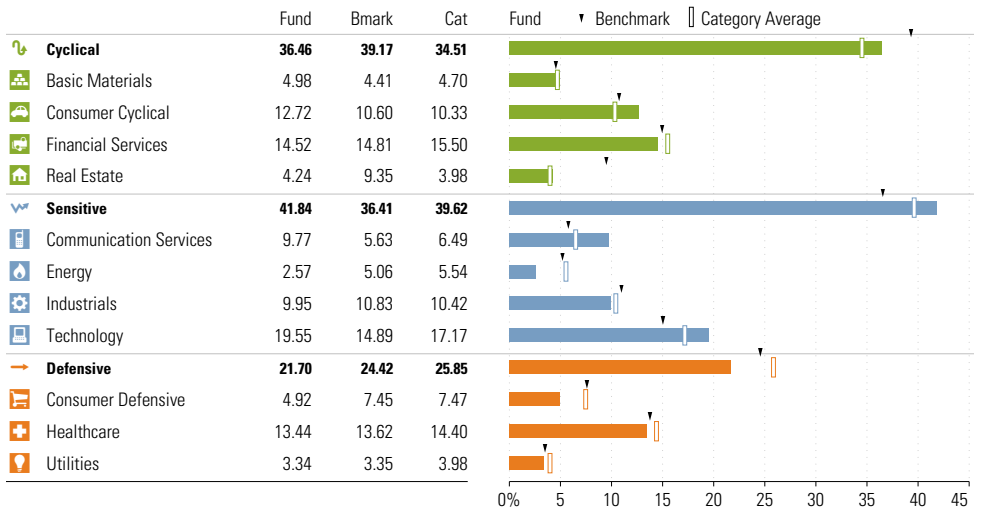


Asset Allocation as of 09-30-2022



Asset Class	Net %	Cat%
US Stocks	29.83	22.23
Non-US Stocks	14.61	12.79
Bonds	49.47	56.94
Cash	5.62	5.01
Other	0.46	3.04
Total	100.00	100.00

Sector Weighting as of 09-30-2022



Top 10 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ T. Rowe Price Ltd Dur Infl Focus Bd Z	-	15.84	15.84	-	-
⊖ T. Rowe Price New Income Z	-	15.65	31.49	-	-
⊖ T. Rowe Price Value Z	-	8.50	39.99	-	-
⊕ T. Rowe Price Growth Stock Z	-	6.96	46.95	-	-
⊖ T. Rowe Price Equity Index 500 Z	-	6.91	53.87	-	-
⊖ T. Rowe Price Intl Bd (USD Hdgd) Z	-	5.44	59.31	-	-
⊖ T. Rowe Price Dynamic Global Bond Z	-	4.08	63.39	-	-
⊖ T. Rowe Price Emerging Markets Bond Z	-	3.69	67.08	-	-
⊖ T. Rowe Price International Value Eq Z	-	3.61	70.69	-	-
⊖ T. Rowe Price Overseas Stock Z	-	3.54	74.23	-	-

Total Holdings 27

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Retirement 2015 Advisor PARHX

Morningstar Category
Target-Date 2015

Morningstar Index
Morningstar Lifetime Mod 2015 TR USD

Portfolio Manager(s)

Wyatt Lee since 08-2015
Kimberly DeDominicis since 10-2019
Andrew Jacobs van Merlen since 01-2020

Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2015 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 7.17 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 0.76 is 28.81% higher than the Target-Date 2015 category average.

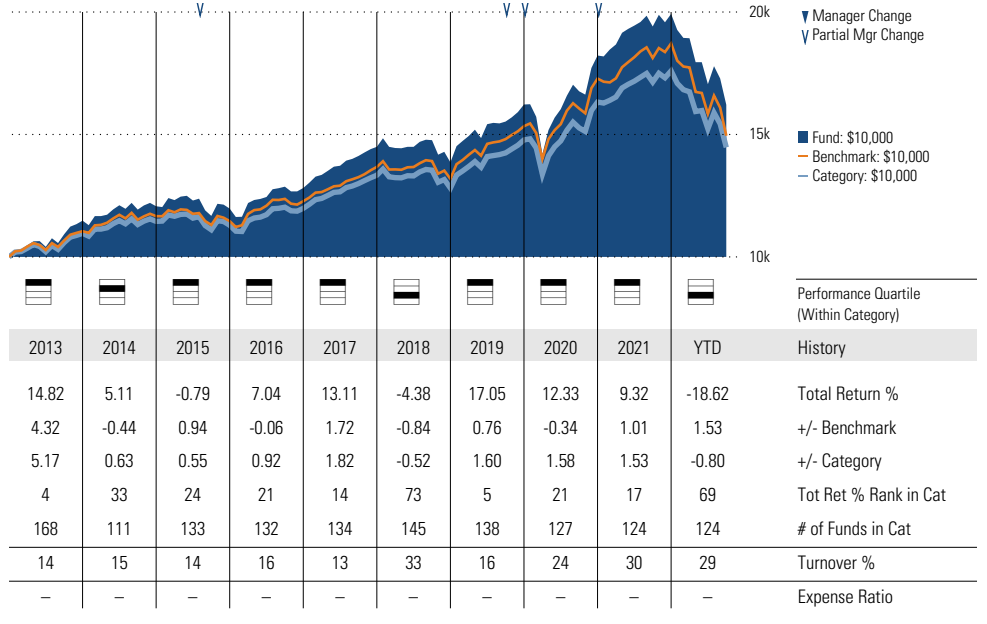
Morningstar Investment Management LLC Analysis

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

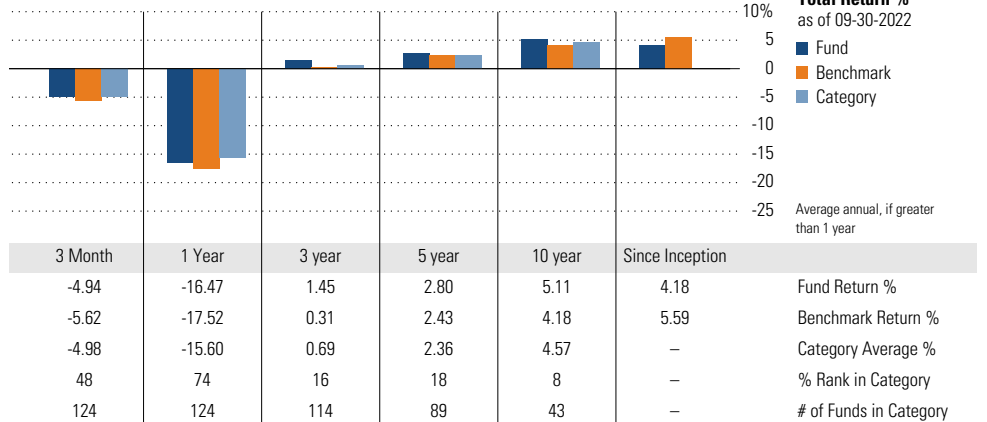
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	08-31-2022
ESG Commitment	1-Low	02-15-2022

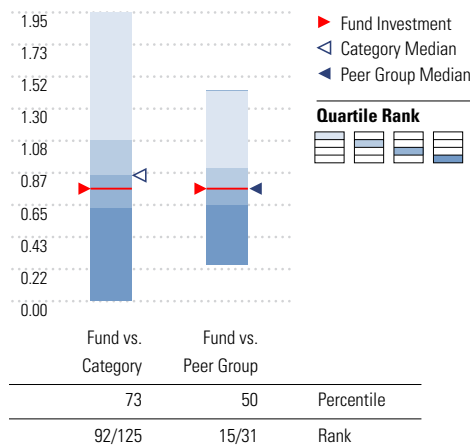
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.18	-	0.32
Beta	1.05	-	0.93
R-Squared	95.84	-	96.57
Standard Deviation	11.83	11.02	10.39
Sharpe Ratio	0.13	0.02	0.05
Tracking Error	2.48	-	2.15
Information Ratio	0.46	-	0.19
Up Capture Ratio	106.39	-	91.97
Down Capture Ratio	98.70	-	89.84

Portfolio Metrics

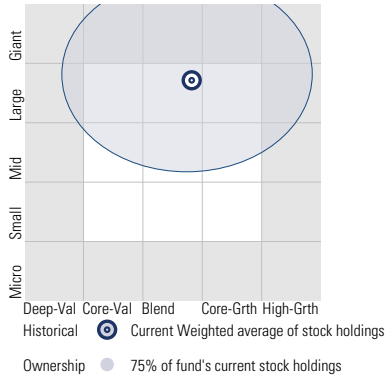
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.25	14.32	14.35
Price/Book Ratio	2.77	2.13	2.24
Avg Eff Duration	6.02	-	5.60

T. Rowe Price Retirement 2015 Advisor PARHX

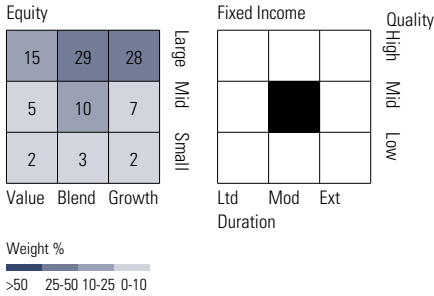
Morningstar Category
Target-Date 2015

Morningstar Index
Morningstar Lifetime Mod 2015 TR USD

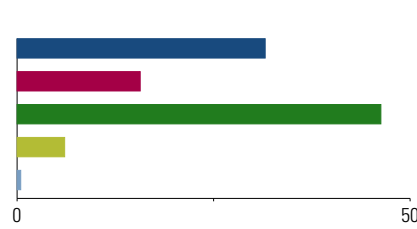
Style Analysis as of 09-30-2022
Morningstar Style Box™



Style Breakdown

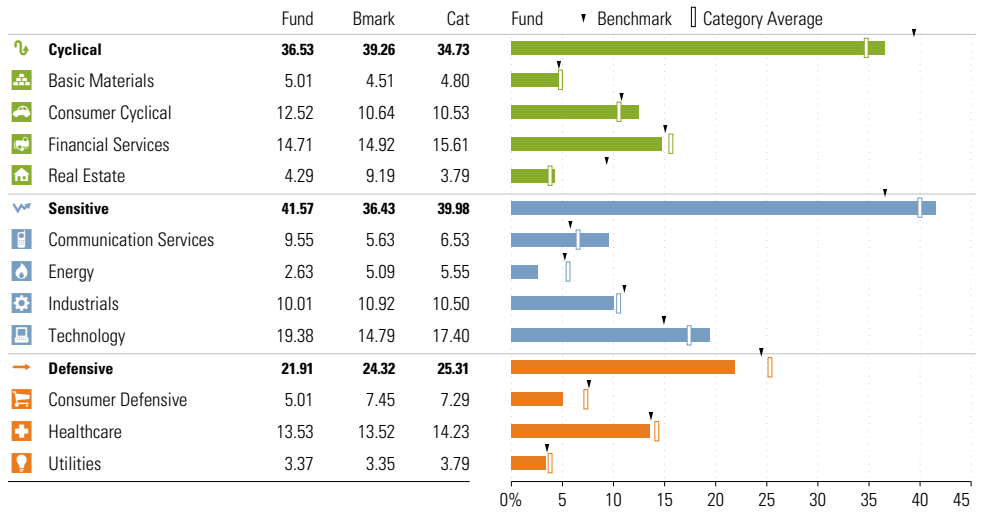


Asset Allocation as of 09-30-2022



Asset Class	Net %	Cat%
US Stocks	31.56	24.70
Non-US Stocks	15.66	14.37
Bonds	46.28	51.66
Cash	6.05	3.96
Other	0.46	5.32
Total	100.00	100.00

Sector Weighting as of 09-30-2022



Top 10 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ T. Rowe Price New Income Z	-	15.02	15.02	-	-
⊖ T. Rowe Price Ltd Dur Infl Focus Bd Z	-	13.79	28.82	-	-
⊕ T. Rowe Price Value Z	-	9.05	37.87	-	-
⊖ T. Rowe Price Equity Index 500 Z	-	7.35	45.22	-	-
⊕ T. Rowe Price Growth Stock Z	-	6.70	51.92	-	-
⊖ T. Rowe Price Intl Bd (USD Hdgd) Z	-	5.21	57.13	-	-
⊖ T. Rowe Price Dynamic Global Bond Z	-	3.96	61.10	-	-
⊖ T. Rowe Price International Value Eq Z	-	3.85	64.95	-	-
⊖ T. Rowe Price Overseas Stock Z	-	3.83	68.78	-	-
⊖ T. Rowe Price Emerging Markets Bond Z	-	3.44	72.21	-	-

Total Holdings 29

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Retirement 2020 Advisor PARBX

Morningstar Category
Target-Date 2020

Morningstar Index
Morningstar Lifetime Mod 2020 TR USD

Portfolio Manager(s)

Wyatt Lee since 08-2015
Kimberly DeDominicis since 10-2019
Andrew Jacobs van Merlen since 01-2020

Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2020 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 7.17 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 0.78 is 25.81% higher than the Target-Date 2020 category average.

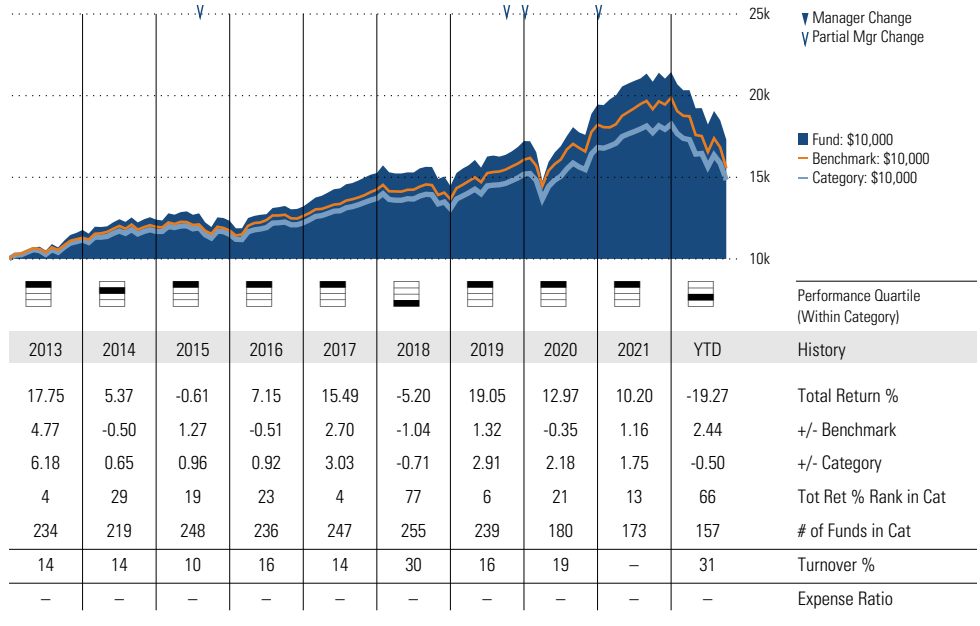
Morningstar Investment Management LLC Analysis

This fund fails our expense screen but its expenses are consistent with funds that have similar distribution fees.

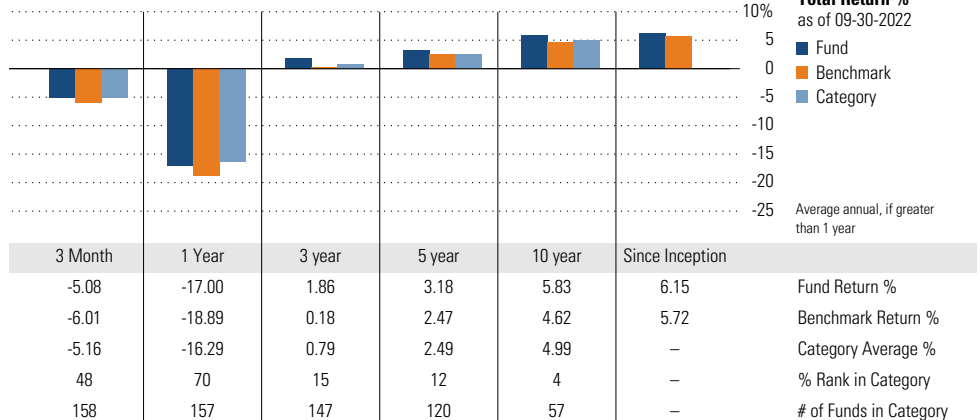
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	08-31-2022
ESG Commitment	1-Low	02-15-2022

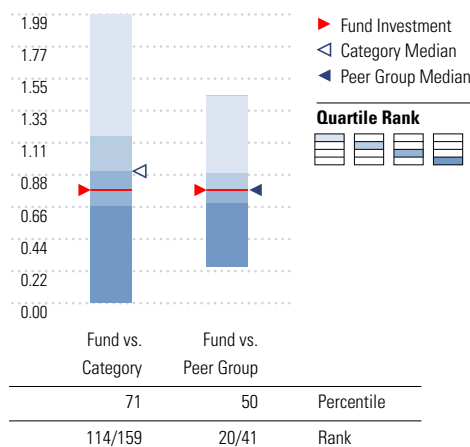
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.73	-	0.49
Beta	1.04	-	0.91
R-Squared	95.36	-	96.55
Standard Deviation	12.89	12.06	11.16
Sharpe Ratio	0.16	0.02	0.06
Tracking Error	2.83	-	2.40
Information Ratio	0.59	-	0.26
Up Capture Ratio	106.94	-	91.63
Down Capture Ratio	96.56	-	88.58

Portfolio Metrics

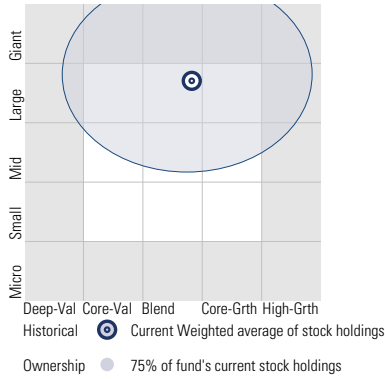
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.23	14.18	14.40
Price/Book Ratio	2.76	2.10	2.20
Avg Eff Duration	6.16	-	5.74

T. Rowe Price Retirement 2020 Advisor PARBX

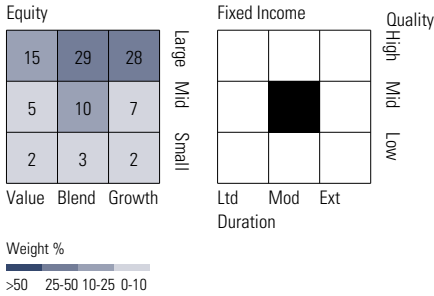
Morningstar Category
Target-Date 2020

Morningstar Index
Morningstar Lifetime Mod 2020 TR USD

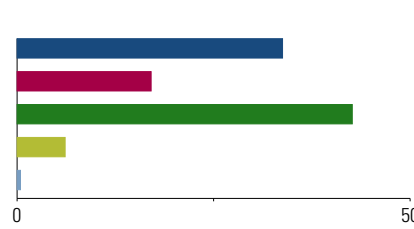
Style Analysis as of 09-30-2022
Morningstar Style Box™



Style Breakdown

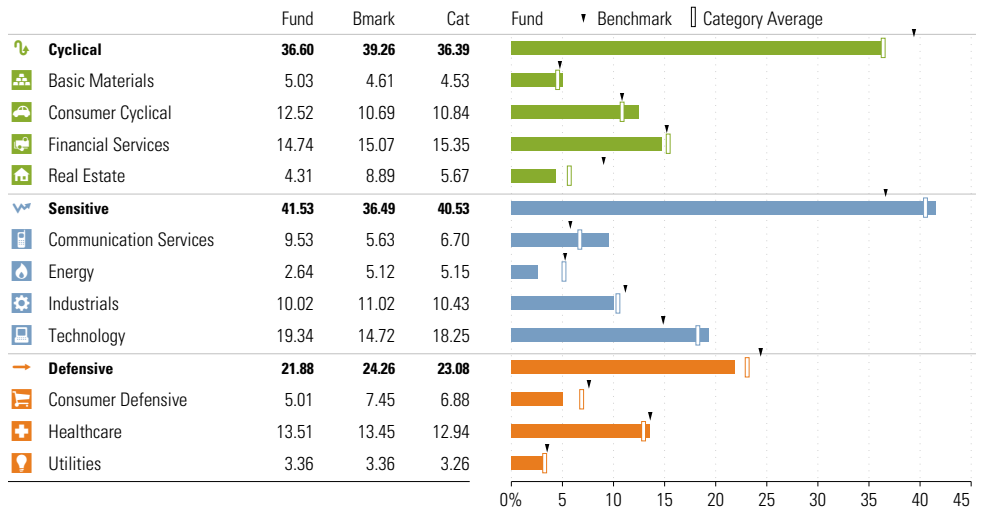


Asset Allocation as of 09-30-2022



Asset Class	Net %	Cat%
US Stocks	33.77	25.18
Non-US Stocks	17.05	14.05
Bonds	42.64	49.67
Cash	6.11	2.84
Other	0.43	8.25
Total	100.00	100.00

Sector Weighting as of 09-30-2022



Top 10 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ T. Rowe Price New Income Z	—	14.28	14.28	—	—
⊖ T. Rowe Price Ltd Dur Infl Focus Bd Z	—	11.65	25.93	—	—
⊖ T. Rowe Price Value Z	—	9.78	35.71	—	—
⊖ T. Rowe Price Equity Index 500 Z	—	7.93	43.65	—	—
⊖ T. Rowe Price Growth Stock Z	—	7.29	50.93	—	—
⊖ T. Rowe Price Intl Bd (USD Hdgd) Z	—	4.92	55.86	—	—
⊖ T. Rowe Price International Value Eq Z	—	4.16	60.01	—	—
⊖ T. Rowe Price Overseas Stock Z	—	4.15	64.16	—	—
⊖ T. Rowe Price Dynamic Global Bond Z	—	3.80	67.96	—	—
⊖ T. Rowe Price International Stock Z	—	3.58	71.54	—	—

Total Holdings 29

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Retirement 2025 Advisor PARJX

Morningstar Category
Target-Date 2025

Morningstar Index
Morningstar Lifetime Mod 2025 TR USD

Portfolio Manager(s)

Wyatt Lee since 08-2015
Kimberly DeDominicis since 10-2019
Andrew Jacobs van Merlen since 01-2020

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 7.17 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 0.8 is 19.4% higher than the Target-Date 2025 category average.

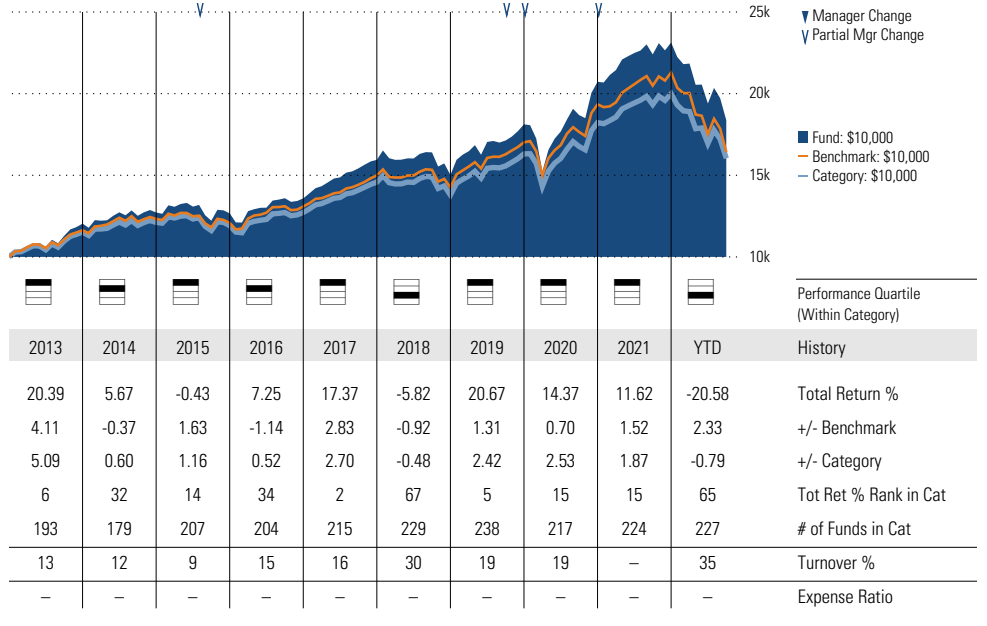
Morningstar Investment Management LLC Analysis

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

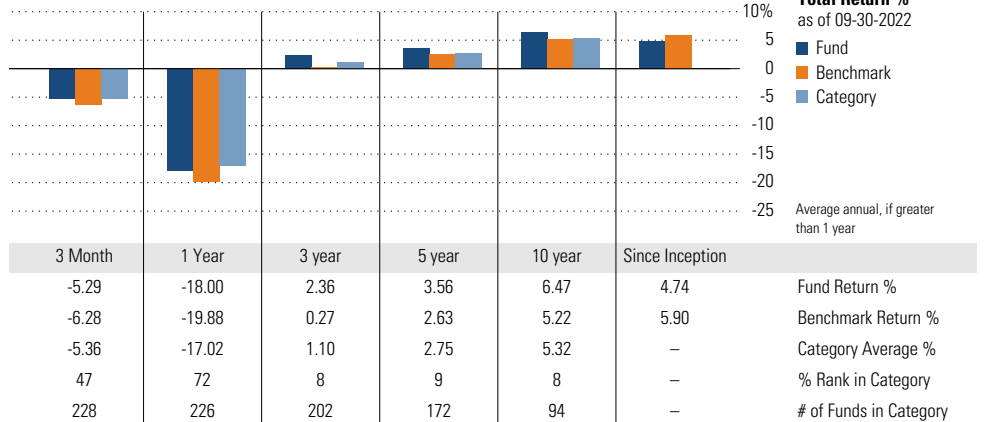
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	08-31-2022
ESG Commitment	1-Low	02-15-2022
Carbon Risk Score	Low Risk	12-31-2021

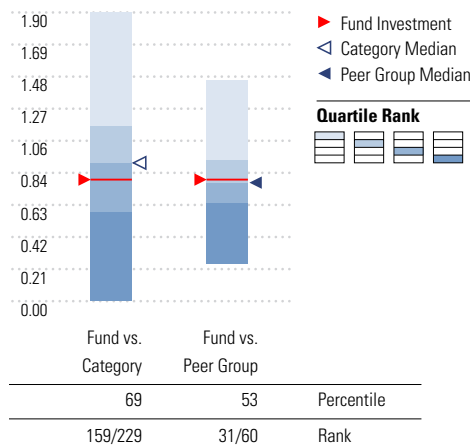
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	2.14	-	0.75
Beta	1.06	-	0.91
R-Squared	96.17	-	97.24
Standard Deviation	14.27	13.21	12.18
Sharpe Ratio	0.19	0.04	0.09
Tracking Error	2.90	-	2.51
Information Ratio	0.72	-	0.39
Up Capture Ratio	113.03	-	93.65
Down Capture Ratio	101.20	-	89.36

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.22	14.04	14.57
Price/Book Ratio	2.76	2.08	2.25
Avg Eff Duration	6.56	-	6.68

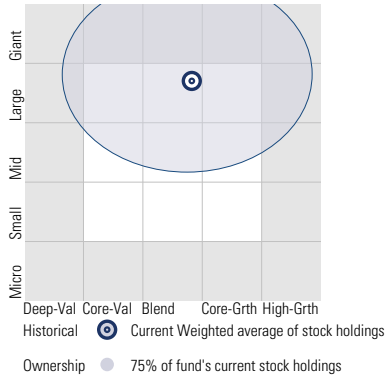
T. Rowe Price Retirement 2025 Advisor PARJX

Morningstar Category
Target-Date 2025

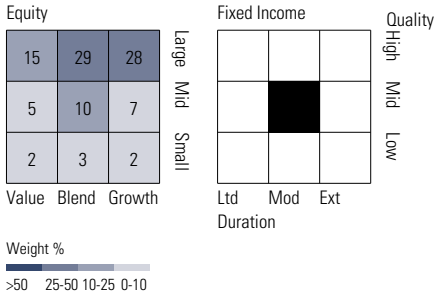
Morningstar Index
Morningstar Lifetime Mod 2025 TR USD

Style Analysis as of 09-30-2022

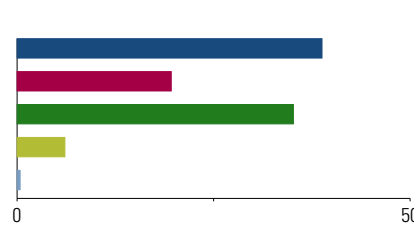
Morningstar Style Box™



Style Breakdown

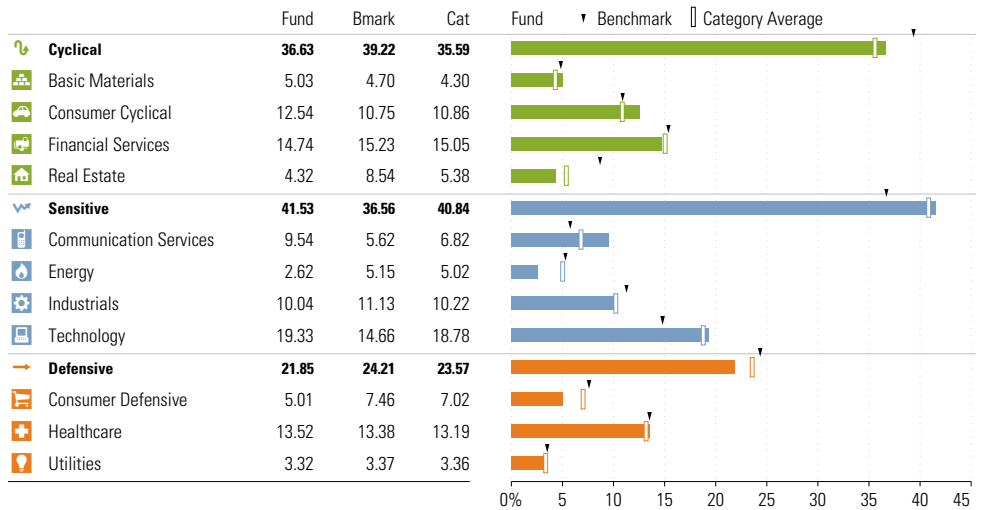


Asset Allocation as of 09-30-2022



Asset Class	Net %	Cat%
US Stocks	38.79	31.08
Non-US Stocks	19.61	15.10
Bonds	35.15	38.70
Cash	6.08	3.36
Other	0.38	11.77
Total	100.00	100.00

Sector Weighting as of 09-30-2022



Top 10 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ T. Rowe Price New Income Z	—	12.62	12.62	—	—
⊖ T. Rowe Price Value Z	—	11.26	23.88	—	—
⊖ T. Rowe Price Equity Index 500 Z	—	9.11	32.98	—	—
⊖ T. Rowe Price Growth Stock Z	—	8.41	41.39	—	—
⊖ T. Rowe Price Ltd Dur Infl Focus Bd Z	—	7.66	49.05	—	—
⊖ T. Rowe Price International Value Eq Z	—	4.79	53.84	—	—
⊖ T. Rowe Price Overseas Stock Z	—	4.77	58.61	—	—
⊖ T. Rowe Price Intl Bd (USD Hdgd) Z	—	4.33	62.94	—	—
⊖ T. Rowe Price International Stock Z	—	4.08	67.01	—	—
⊖ T. Rowe Price Dynamic Global Bond Z	—	3.33	70.34	—	—

Total Holdings 30

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Retirement 2030 Advisor PARCX

Morningstar Category
Target-Date 2030

Morningstar Index
Morningstar Lifetime Mod 2030 TR USD

Portfolio Manager(s)

Wyatt Lee since 08-2015
Kimberly DeDominicis since 10-2019
Andrew Jacobs van Merlen since 01-2020

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 7.17 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 0.83 is 22.06% higher than the Target-Date 2030 category average.

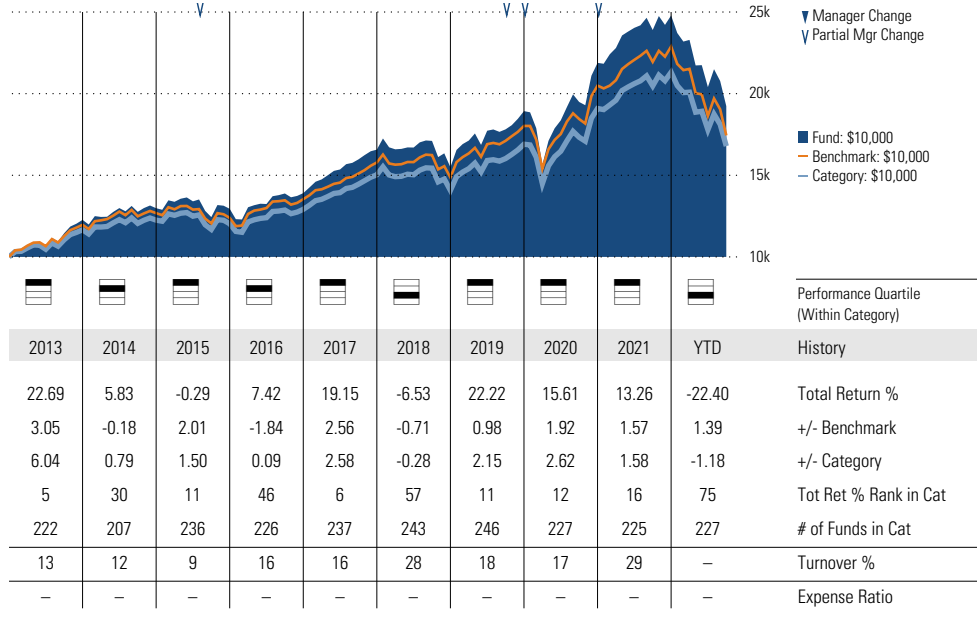
Morningstar Investment Management LLC Analysis

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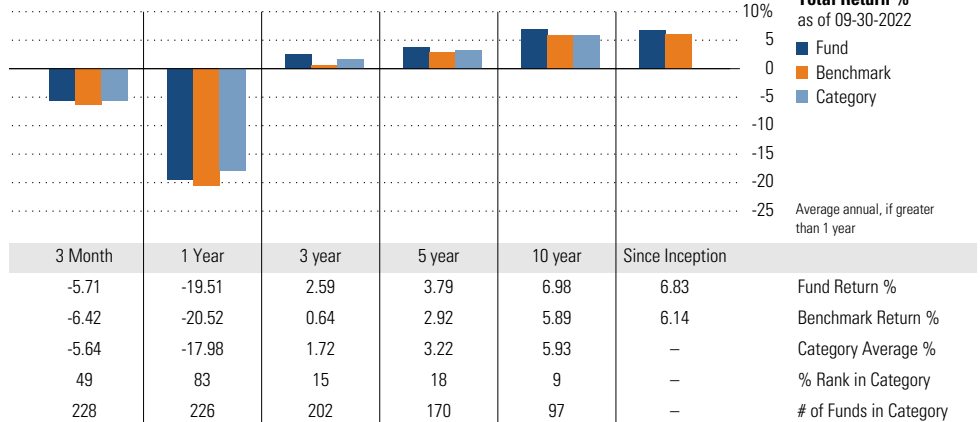
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022

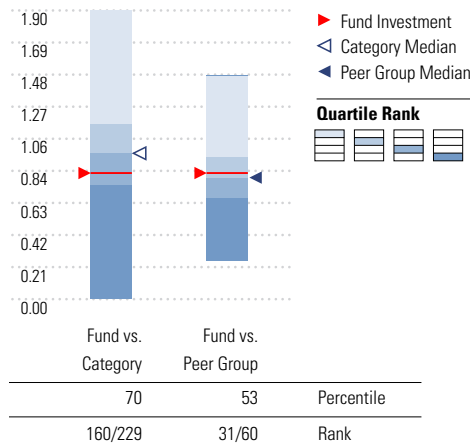
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.98	-	1.01
Beta	1.06	-	0.94
R-Squared	97.76	-	98.16
Standard Deviation	15.68	14.65	13.83
Sharpe Ratio	0.20	0.07	0.14
Tracking Error	2.50	-	2.26
Information Ratio	0.78	-	0.53
Up Capture Ratio	112.19	-	97.46
Down Capture Ratio	102.34	-	92.27

Portfolio Metrics

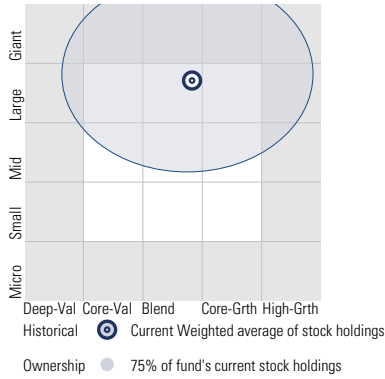
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.25	13.89	14.73
Price/Book Ratio	2.76	2.05	2.30
Avg Eff Duration	7.40	-	6.88

T. Rowe Price Retirement 2030 Advisor PARCX

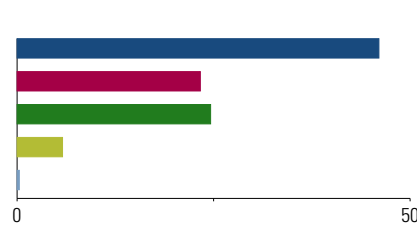
Morningstar Category
Target-Date 2030

Morningstar Index
Morningstar Lifetime Mod 2030 TR USD

Style Analysis as of 09-30-2022
Morningstar Style Box™

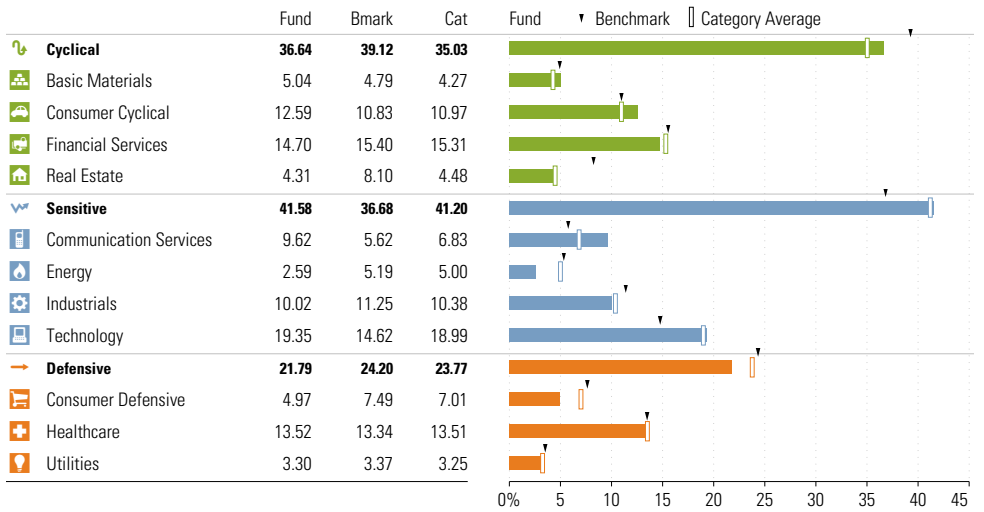


Asset Allocation as of 09-30-2022

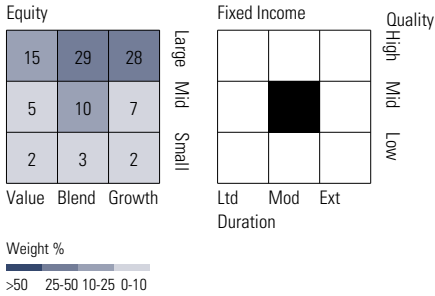


Asset Class	Net %	Cat%
US Stocks	46.03	38.85
Non-US Stocks	23.31	18.16
Bonds	24.62	30.40
Cash	5.78	2.22
Other	0.28	10.37
Total	100.00	100.00

Sector Weighting as of 09-30-2022



Style Breakdown



Top 10 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ T. Rowe Price Value Z	-	13.70	13.70	-	-
⊖ T. Rowe Price Equity Index 500 Z	-	10.78	24.48	-	-
⊖ T. Rowe Price Growth Stock Z	-	10.33	34.80	-	-
⊕ T. Rowe Price New Income Z	-	9.98	44.78	-	-
⊖ T. Rowe Price International Value Eq Z	-	5.70	50.48	-	-
⊖ T. Rowe Price Overseas Stock Z	-	5.67	56.15	-	-
⊖ T. Rowe Price International Stock Z	-	4.84	60.99	-	-
⊕ T. Rowe Price Intl Bd (USD Hdgd) Z	-	3.40	64.39	-	-
⊖ T. Rowe Price Mid-Cap Value Z	-	3.23	67.62	-	-
⊖ T. Rowe Price Mid-Cap Growth Z	-	2.82	70.44	-	-

Total Holdings 29

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Retirement 2035 Advisor PARKX

Morningstar Category
Target-Date 2035

Morningstar Index
Morningstar Lifetime Mod 2035 TR USD

Portfolio Manager(s)

Wyatt Lee since 08-2015
Kimberly DeDominicis since 10-2019
Andrew Jacobs van Merlen since 01-2020

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 7.17 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.84 is 20% higher than the Target-Date 2035 category average.

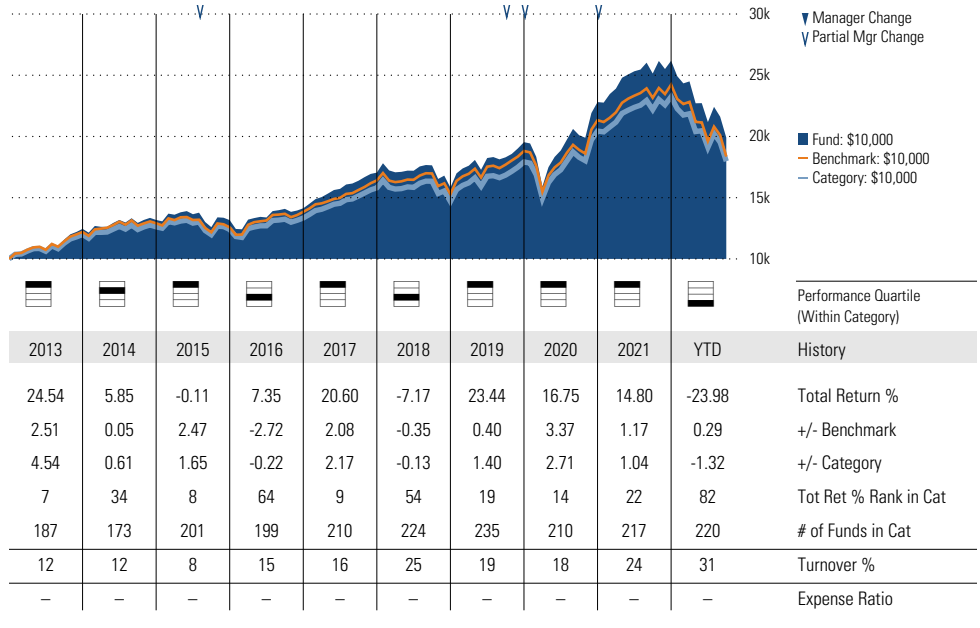
Morningstar Investment Management LLC Analysis

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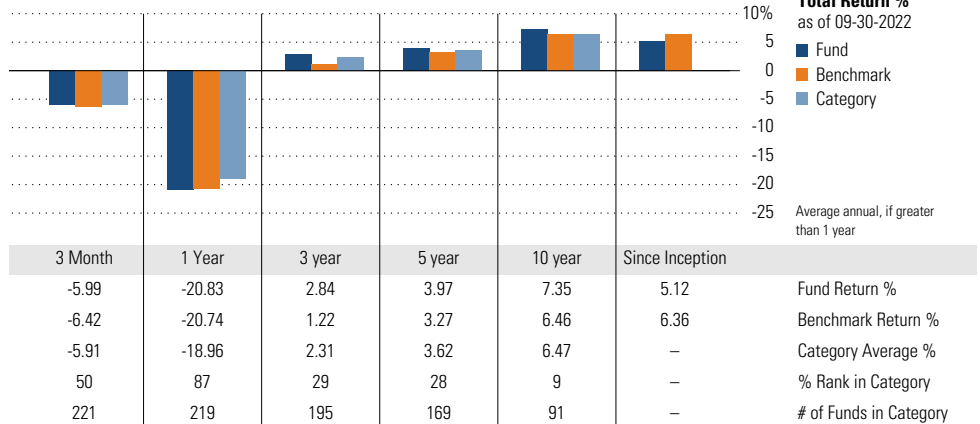
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022

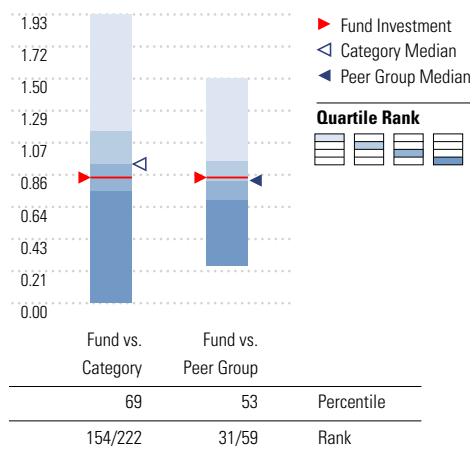
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.62	-	1.12
Beta	1.03	-	0.96
R-Squared	98.74	-	98.55
Standard Deviation	16.90	16.24	15.63
Sharpe Ratio	0.21	0.12	0.18
Tracking Error	1.98	-	2.15
Information Ratio	0.82	-	0.61
Up Capture Ratio	107.76	-	99.42
Down Capture Ratio	100.56	-	94.36

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.33	13.74	14.52
Price/Book Ratio	2.77	2.03	2.26
Avg Eff Duration	7.97	-	7.30

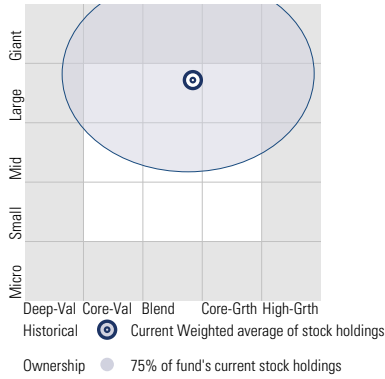
T. Rowe Price Retirement 2035 Advisor PARKX

Morningstar Category
Target-Date 2035

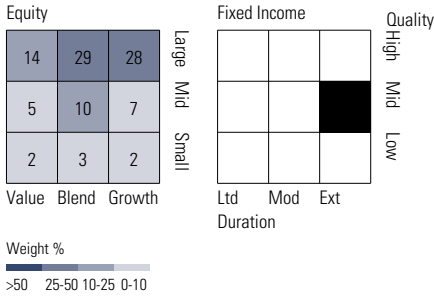
Morningstar Index
Morningstar Lifetime Mod 2035 TR USD

Style Analysis as of 09-30-2022

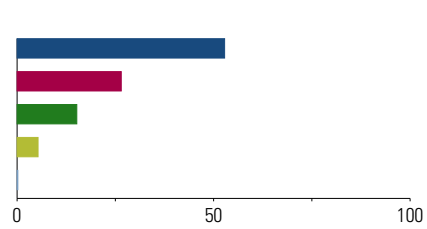
Morningstar Style Box™



Style Breakdown

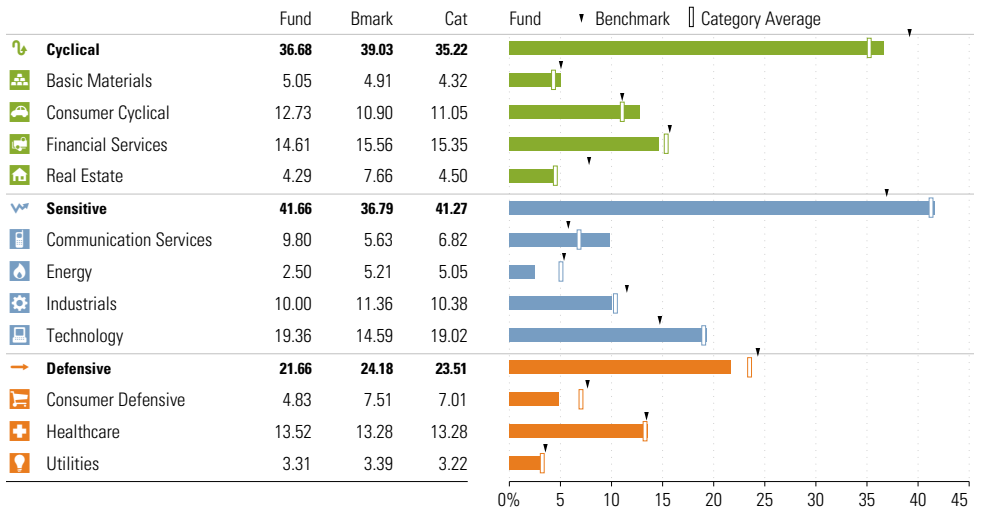


Asset Allocation as of 09-30-2022



Asset Class	Net %	Cat%
US Stocks	52.80	44.34
Non-US Stocks	26.50	22.05
Bonds	15.19	20.13
Cash	5.33	2.49
Other	0.19	10.99
Total	100.00	100.00

Sector Weighting as of 09-30-2022



Top 10 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ T. Rowe Price Value Z	—	16.82	16.82	—	—
⊖ T. Rowe Price Growth Stock Z	—	13.00	29.82	—	—
⊖ T. Rowe Price Equity Index 500 Z	—	10.31	40.13	—	—
⊖ T. Rowe Price New Income Z	—	6.53	46.66	—	—
⊖ T. Rowe Price International Value Eq Z	—	6.52	53.18	—	—
⊖ T. Rowe Price Overseas Stock Z	—	6.26	59.44	—	—
⊖ T. Rowe Price International Stock Z	—	5.49	64.93	—	—
⊖ T. Rowe Price Mid-Cap Value Z	—	3.63	68.56	—	—
⊖ T. Rowe Price Mid-Cap Growth Z	—	3.18	71.73	—	—
⊕ T. Rowe Price Real Assets Z	—	2.75	74.49	—	—

Total Holdings 30

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Retirement 2040 Advisor PARDX

Morningstar Category
Target-Date 2040

Morningstar Index
Morningstar Lifetime Mod 2040 TR USD

Portfolio Manager(s)

Wyatt Lee since 08-2015
Kimberly DeDominicis since 10-2019
Andrew Jacobs van Merlen since 01-2020

Quantitative Screens

- ✔ **Performance:** The fund has finished in the Target-Date 2040 category's top three quartiles in 9 of the 10 years it's been in existence.
- ✔ **Management:** The fund's management has been in place for 7.17 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 0.85 is 21.43% higher than the Target-Date 2040 category average.

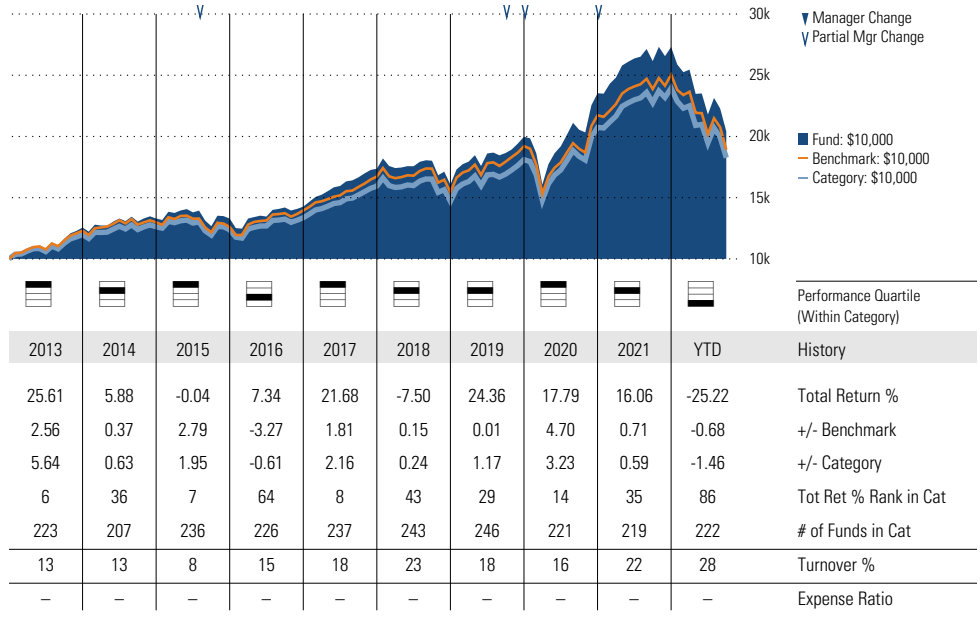
Morningstar Investment Management LLC Analysis

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	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022

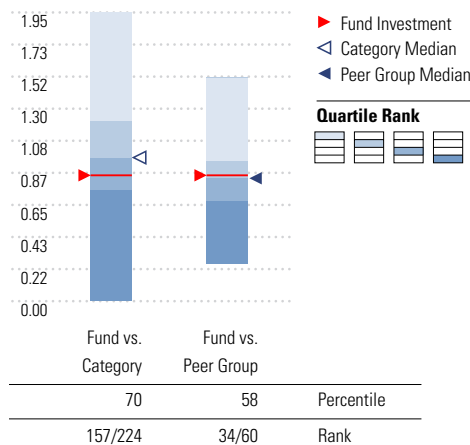
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.27	-	0.99
Beta	1.01	-	0.96
R-Squared	98.92	-	98.62
Standard Deviation	17.91	17.64	16.98
Sharpe Ratio	0.22	0.15	0.21
Tracking Error	1.87	-	2.22
Information Ratio	0.69	-	0.52
Up Capture Ratio	104.33	-	99.30
Down Capture Ratio	99.11	-	95.19

Portfolio Metrics

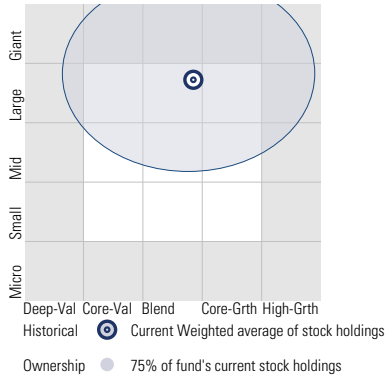
	Fund	Bmark	Cat
Price/Earnings Ratio	19.39	13.60	14.46
Price/Book Ratio	2.78	2.01	2.23
Avg Eff Duration	8.22	-	7.75

T. Rowe Price Retirement 2040 Advisor PARDX

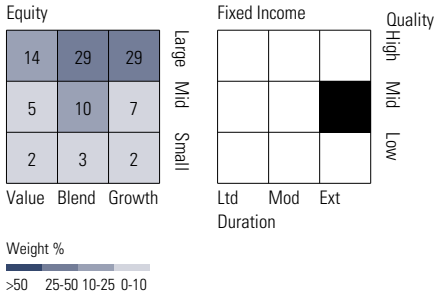
Morningstar Category
Target-Date 2040

Morningstar Index
Morningstar Lifetime Mod 2040 TR USD

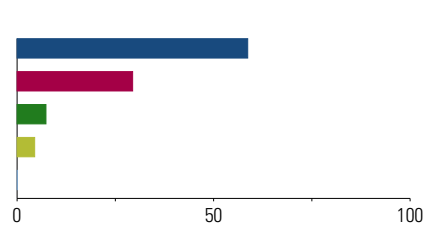
Style Analysis as of 09-30-2022
Morningstar Style Box™



Style Breakdown

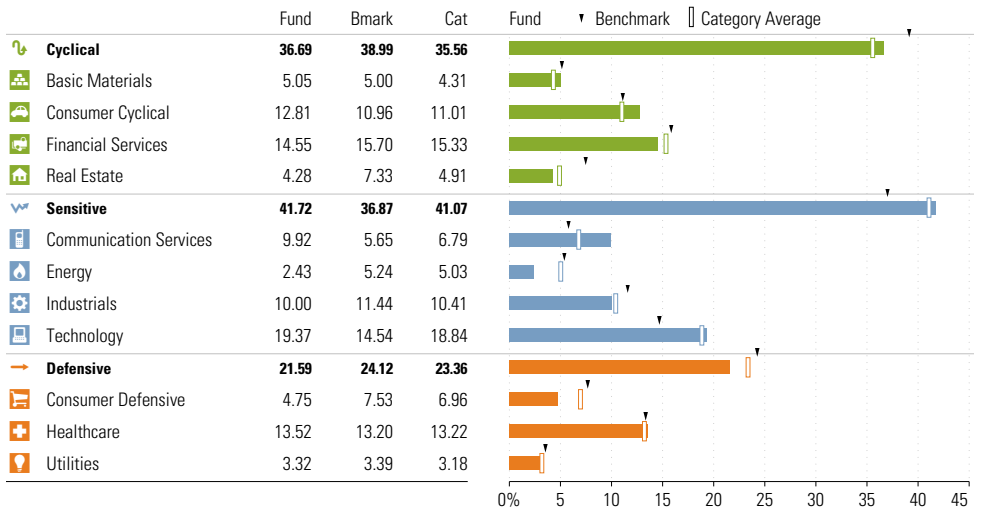


Asset Allocation as of 09-30-2022



Asset Class	Net %	Cat%
US Stocks	58.68	50.48
Non-US Stocks	29.40	25.79
Bonds	7.34	12.64
Cash	4.47	1.94
Other	0.09	9.14
Total	100.00	100.00

Sector Weighting as of 09-30-2022



Top 10 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ T. Rowe Price Value Z	-	19.62	19.62	-	-
⊖ T. Rowe Price Growth Stock Z	-	15.29	34.91	-	-
⊖ T. Rowe Price Equity Index 500 Z	-	9.89	44.79	-	-
⊖ T. Rowe Price International Value Eq Z	-	7.24	52.04	-	-
⊖ T. Rowe Price Overseas Stock Z	-	6.88	58.92	-	-
⊖ T. Rowe Price International Stock Z	-	6.09	65.01	-	-
⊖ T. Rowe Price Mid-Cap Value Z	-	3.95	68.96	-	-
⊕ T. Rowe Price Mid-Cap Growth Z	-	3.49	72.45	-	-
⊕ T. Rowe Price Real Assets Z	-	3.04	75.49	-	-
⊖ T. Rowe Price New Income Z	-	2.98	78.47	-	-

Total Holdings 28

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Retirement 2045 Advisor PARLX

Morningstar Category
Target-Date 2045

Morningstar Index
Morningstar Lifetime Mod 2045 TR USD

Portfolio Manager(s)

Wyatt Lee since 08-2015
Kimberly DeDominicis since 10-2019
Andrew Jacobs van Merlen since 01-2020

Quantitative Screens

- ✔ **Performance:** The fund has finished in the Target-Date 2045 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 7.17 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 0.87 is 24.29% higher than the Target-Date 2045 category average.

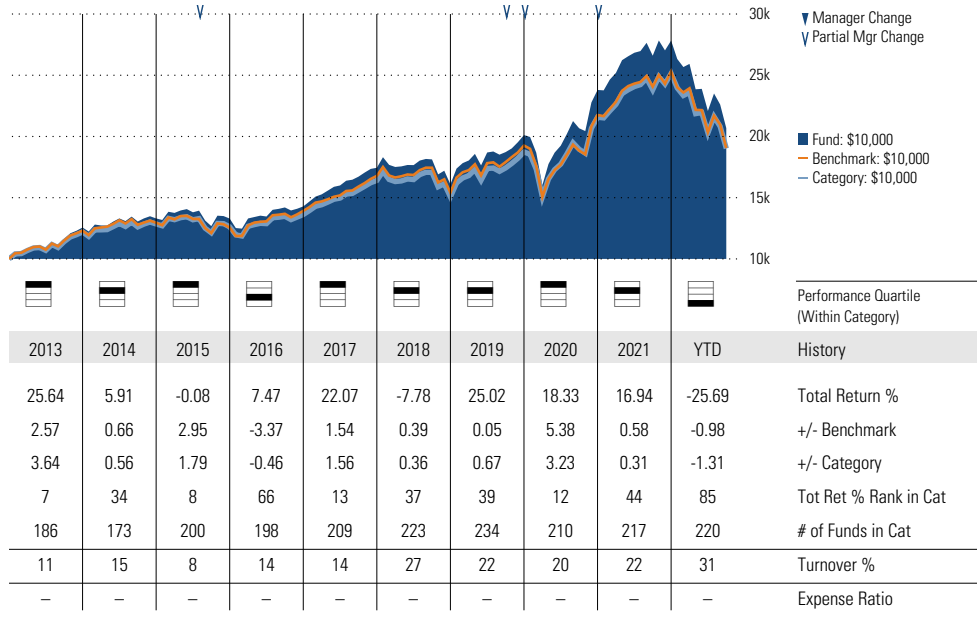
Morningstar Investment Management LLC Analysis

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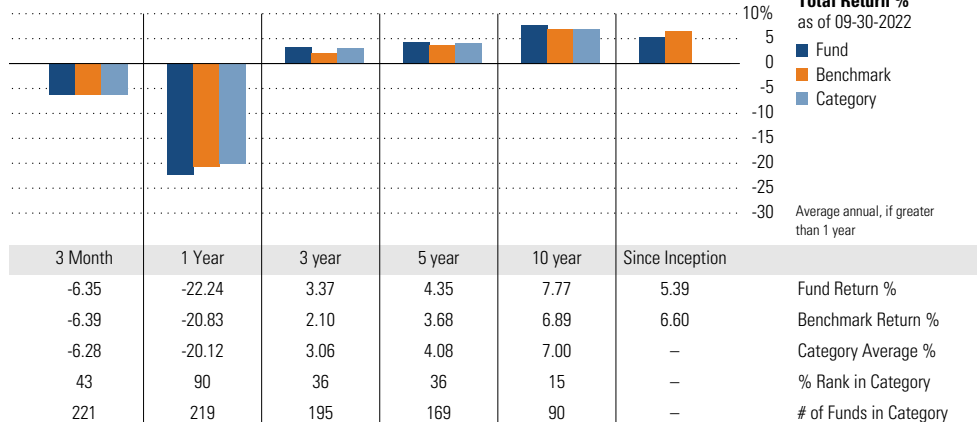
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022

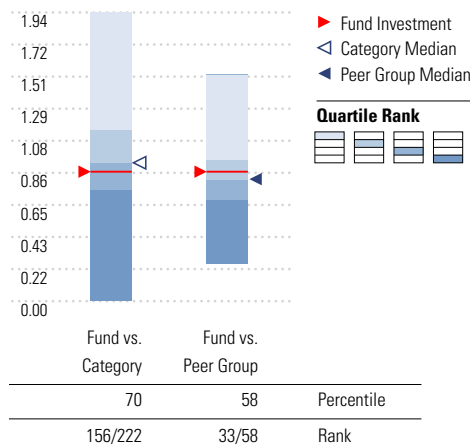
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.26	-	0.94
Beta	1.00	-	0.96
R-Squared	98.85	-	98.56
Standard Deviation	18.60	18.49	17.85
Sharpe Ratio	0.24	0.17	0.22
Tracking Error	2.00	-	2.27
Information Ratio	0.64	-	0.46
Up Capture Ratio	103.42	-	99.60
Down Capture Ratio	98.51	-	95.92

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.39	13.48	14.46
Price/Book Ratio	2.78	1.98	2.22
Avg Eff Duration	7.57	-	8.50

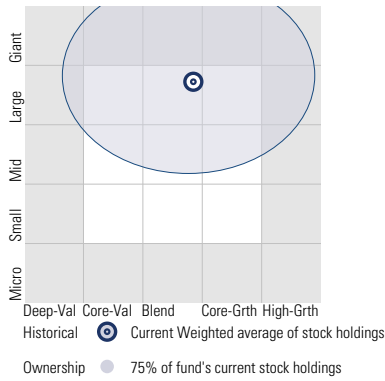
T. Rowe Price Retirement 2045 Advisor PARLX

Morningstar Category
Target-Date 2045

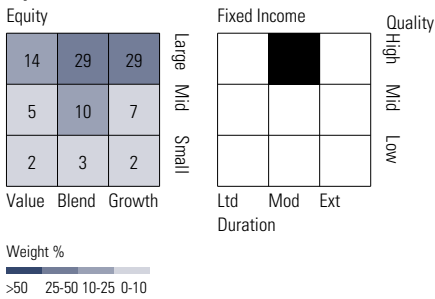
Morningstar Index
Morningstar Lifetime Mod 2045 TR USD

Style Analysis as of 09-30-2022

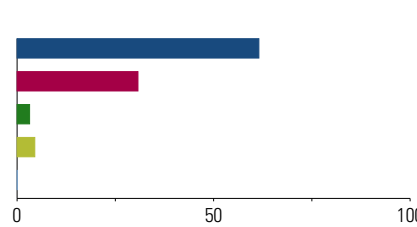
Morningstar Style Box™



Style Breakdown

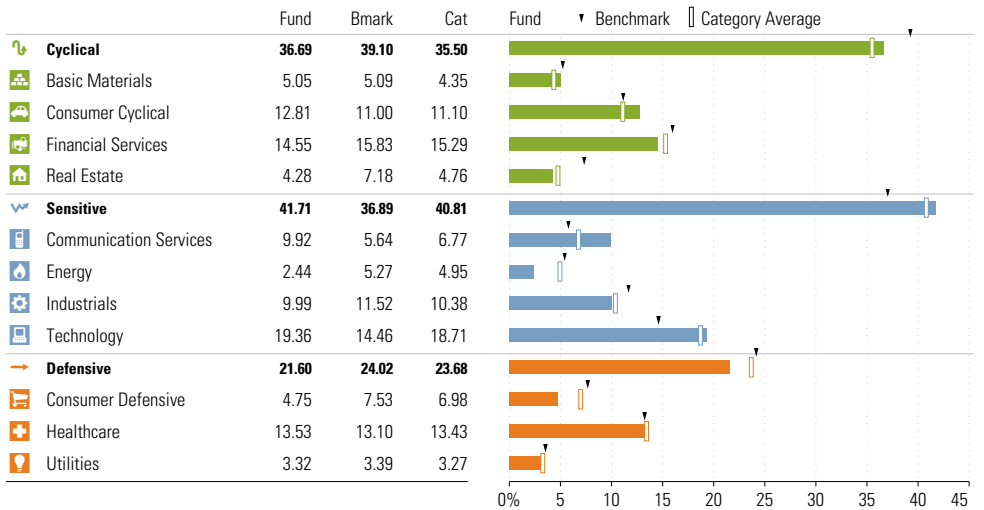


Asset Allocation as of 09-30-2022



Asset Class	Net %	Cat%
US Stocks	61.52	53.41
Non-US Stocks	30.75	27.82
Bonds	3.18	7.20
Cash	4.50	2.06
Other	0.05	9.50
Total	100.00	100.00

Sector Weighting as of 09-30-2022



Top 10 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ T. Rowe Price Value Z	-	20.50	20.50	-	-
⊖ T. Rowe Price Growth Stock Z	-	15.97	36.46	-	-
⊖ T. Rowe Price Equity Index 500 Z	-	10.29	46.75	-	-
⊖ T. Rowe Price International Value Eq Z	-	7.58	54.34	-	-
⊖ T. Rowe Price Overseas Stock Z	-	7.18	61.51	-	-
⊖ T. Rowe Price International Stock Z	-	6.36	67.87	-	-
⊖ T. Rowe Price Mid-Cap Value Z	-	4.13	72.00	-	-
⊕ T. Rowe Price Mid-Cap Growth Z	-	3.64	75.65	-	-
⊕ T. Rowe Price Real Assets Z	-	3.19	78.84	-	-
⊖ T. Rowe Price Emerging Markets Stock Z	-	2.80	81.64	-	-

Total Holdings 26

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Retirement 2050 Advisor PARFX

Morningstar Category
Target-Date 2050

Morningstar Index
Morningstar Lifetime Mod 2050 TR USD

Portfolio Manager(s)

Wyatt Lee since 08-2015
Kimberly DeDominicis since 10-2019
Andrew Jacobs van Merlen since 01-2020

Quantitative Screens

- ✔ **Performance:** The fund has finished in the Target-Date 2050 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 7.17 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 0.88 is 23.94% higher than the Target-Date 2050 category average.

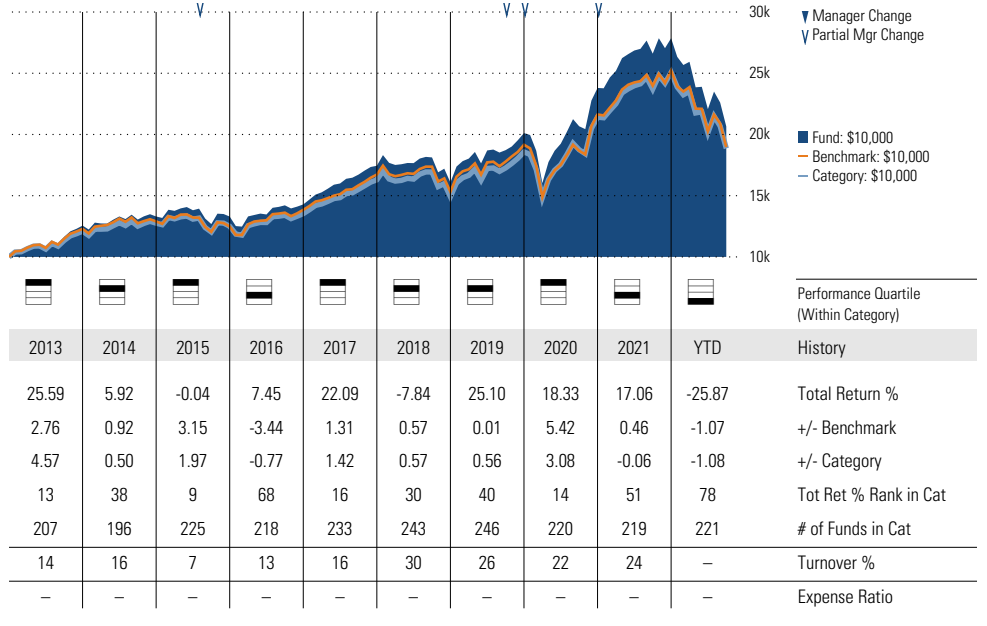
Morningstar Investment Management LLC Analysis

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

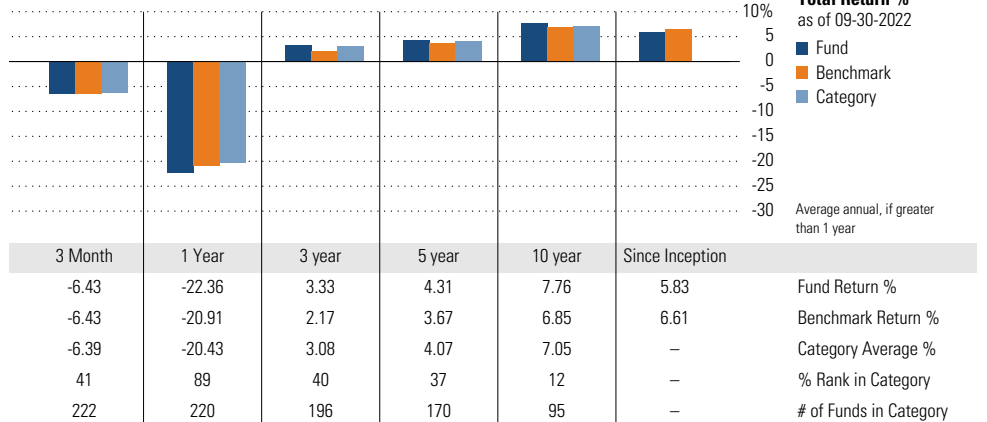
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022

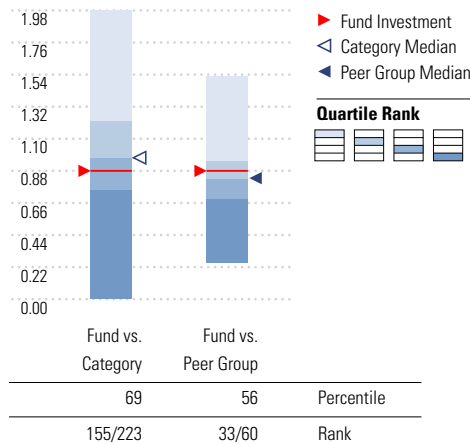
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.15	-	0.88
Beta	0.98	-	0.96
R-Squared	98.78	-	98.48
Standard Deviation	18.62	18.81	18.21
Sharpe Ratio	0.23	0.17	0.22
Tracking Error	2.08	-	2.30
Information Ratio	0.56	-	0.40
Up Capture Ratio	101.85	-	99.91
Down Capture Ratio	97.40	-	96.52

Portfolio Metrics

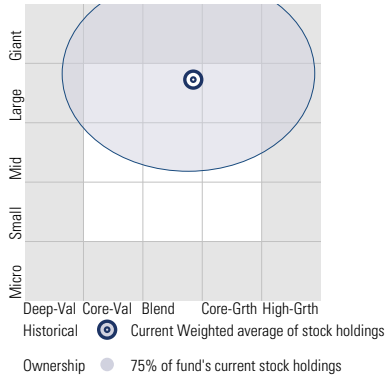
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.38	13.38	14.44
Price/Book Ratio	2.77	1.96	2.21
Avg Eff Duration	6.21	-	8.14

T. Rowe Price Retirement 2050 Advisor PARFX

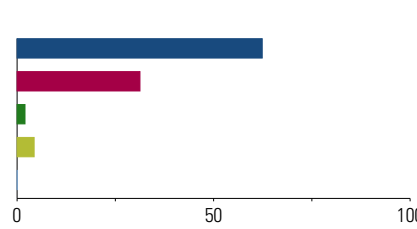
Morningstar Category
Target-Date 2050

Morningstar Index
Morningstar Lifetime Mod 2050 TR USD

Style Analysis as of 09-30-2022
Morningstar Style Box™

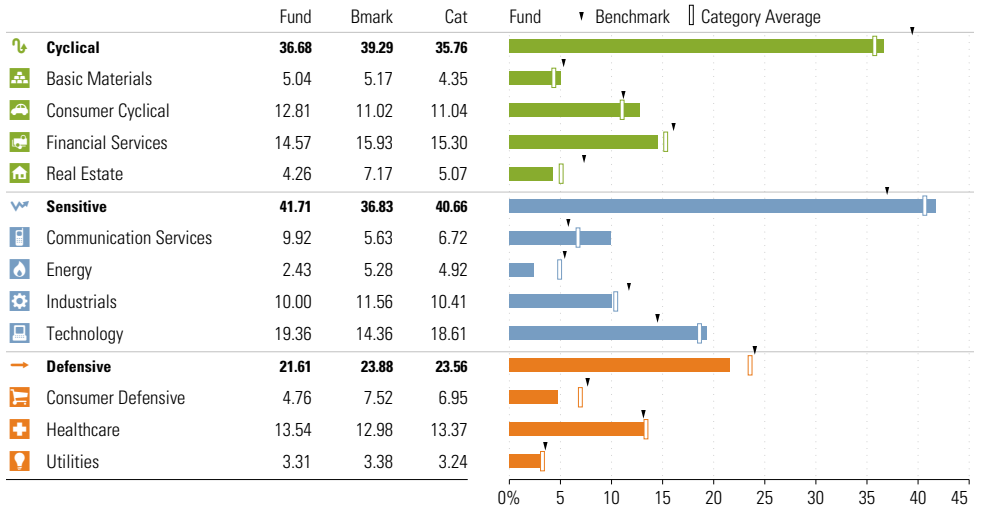


Asset Allocation as of 09-30-2022

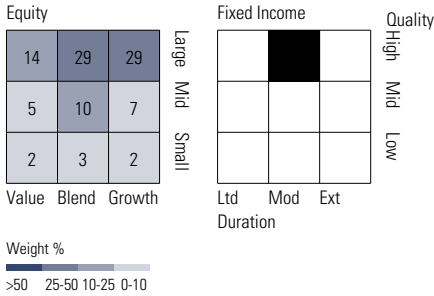


Asset Class	Net %	Cat%
US Stocks	62.37	55.67
Non-US Stocks	31.26	28.97
Bonds	2.01	4.93
Cash	4.33	2.07
Other	0.04	8.36
Total	100.00	100.00

Sector Weighting as of 09-30-2022



Style Breakdown



Top 10 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ T. Rowe Price Value Z	-	20.77	20.77	-	-
⊖ T. Rowe Price Growth Stock Z	-	16.09	36.86	-	-
⊖ T. Rowe Price Equity Index 500 Z	-	10.45	47.31	-	-
⊖ T. Rowe Price International Value Eq Z	-	7.70	55.01	-	-
⊖ T. Rowe Price Overseas Stock Z	-	7.38	62.39	-	-
⊖ T. Rowe Price International Stock Z	-	6.46	68.84	-	-
⊖ T. Rowe Price Mid-Cap Value Z	-	4.14	72.98	-	-
⊕ T. Rowe Price Mid-Cap Growth Z	-	3.70	76.68	-	-
⊕ T. Rowe Price Real Assets Z	-	3.20	79.88	-	-
⊖ T. Rowe Price Emerging Markets Stock Z	-	2.84	82.72	-	-

Total Holdings 26

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Retirement 2055 Advisor PAROX

Morningstar Category
Target-Date 2055

Morningstar Index
Morningstar Lifetime Mod 2055 TR USD

Portfolio Manager(s)

Wyatt Lee since 08-2015
Kimberly DeDominicis since 10-2019
Andrew Jacobs van Merlen since 01-2020

Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2055 category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.17 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 0.89 is 25.35% higher than the Target-Date 2055 category average.

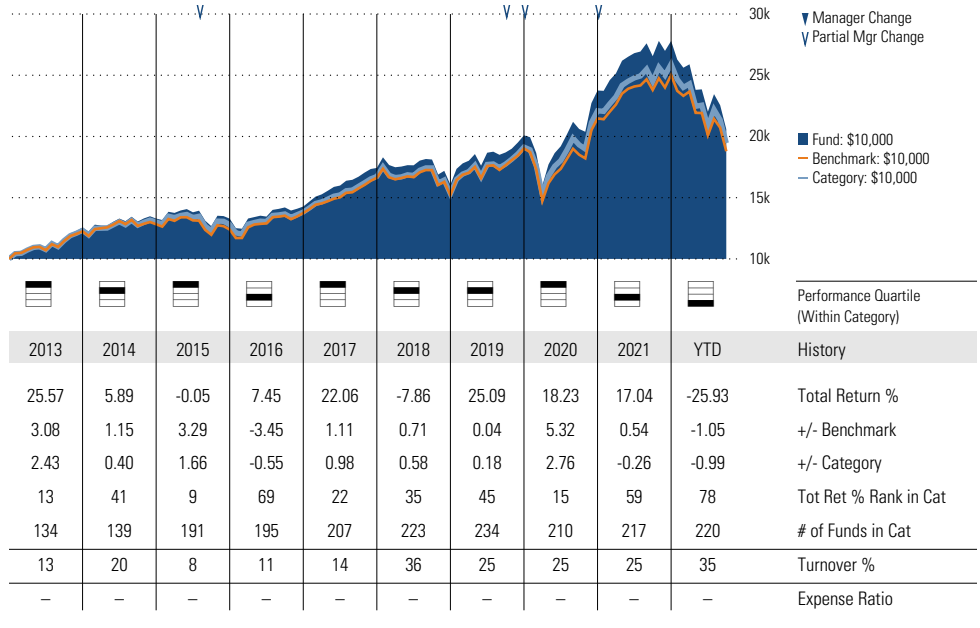
Morningstar Investment Management LLC Analysis

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

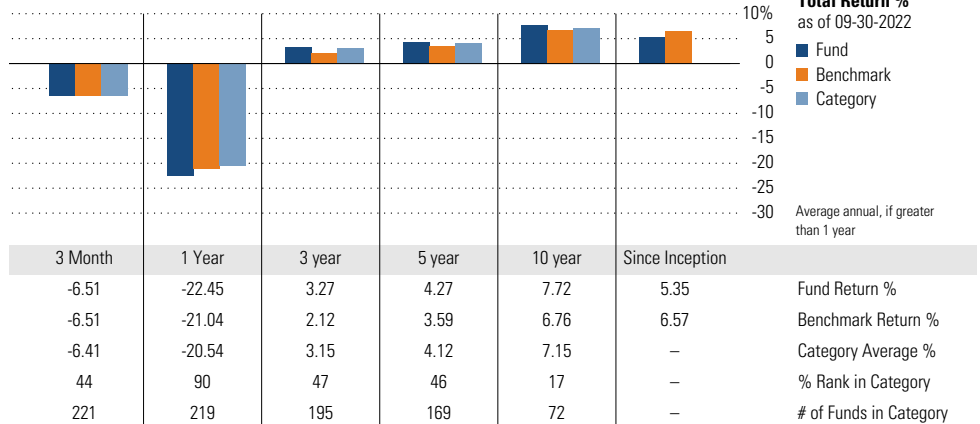
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022

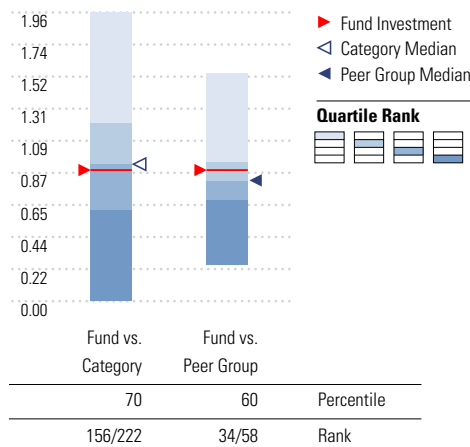
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.15	-	0.99
Beta	0.98	-	0.96
R-Squared	98.78	-	98.42
Standard Deviation	18.66	18.89	18.35
Sharpe Ratio	0.23	0.17	0.22
Tracking Error	2.09	-	2.32
Information Ratio	0.55	-	0.45
Up Capture Ratio	101.71	-	100.59
Down Capture Ratio	97.29	-	96.81

Portfolio Metrics

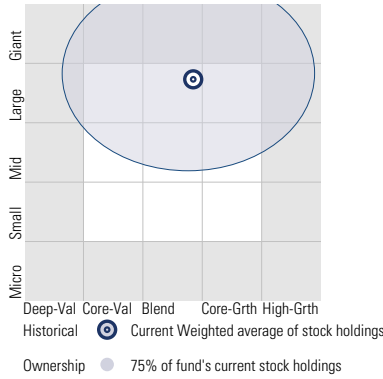
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.38	13.28	14.32
Price/Book Ratio	2.77	1.94	2.18
Avg Eff Duration	6.19	-	9.37

T. Rowe Price Retirement 2055 Advisor PAROX

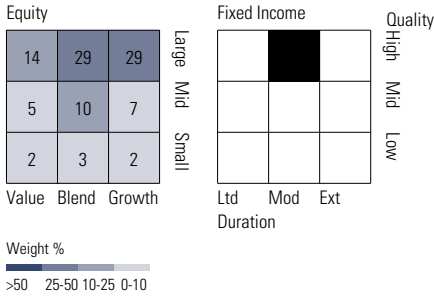
Morningstar Category
Target-Date 2055

Morningstar Index
Morningstar Lifetime Mod 2055 TR USD

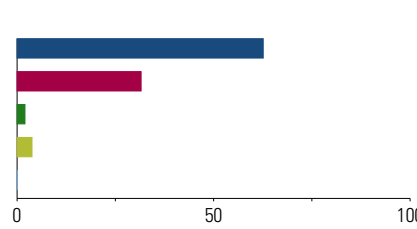
Style Analysis as of 09-30-2022
Morningstar Style Box™



Style Breakdown

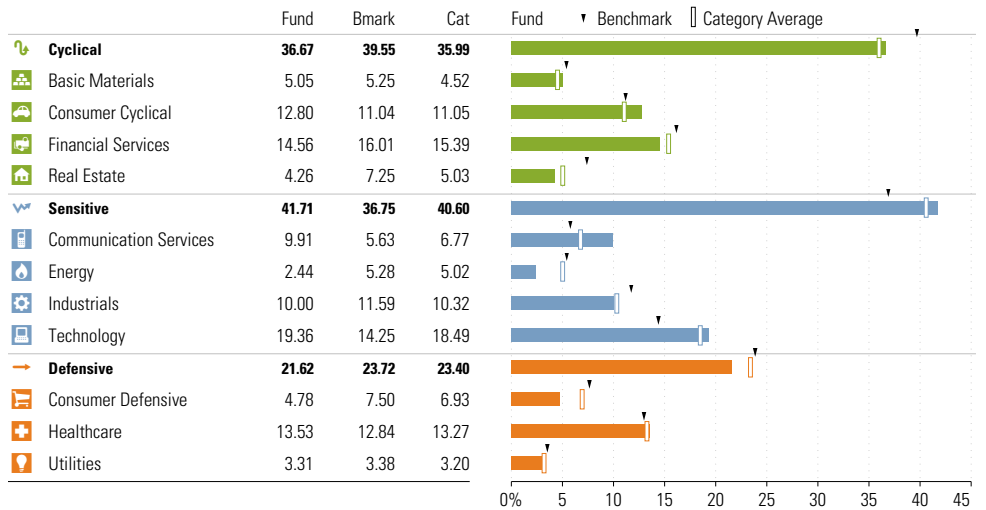


Asset Allocation as of 09-30-2022



Asset Class	Net %	Cat%
US Stocks	62.62	55.94
Non-US Stocks	31.55	31.43
Bonds	2.00	4.46
Cash	3.79	1.44
Other	0.04	6.72
Total	100.00	100.00

Sector Weighting as of 09-30-2022



Top 10 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ T. Rowe Price Value Z	-	20.89	20.89	-	-
⊖ T. Rowe Price Growth Stock Z	-	16.13	37.02	-	-
⊕ T. Rowe Price Equity Index 500 Z	-	10.49	47.51	-	-
⊖ T. Rowe Price International Value Eq Z	-	7.74	55.25	-	-
⊕ T. Rowe Price Overseas Stock Z	-	7.48	62.73	-	-
⊕ T. Rowe Price International Stock Z	-	6.55	69.28	-	-
⊖ T. Rowe Price Mid-Cap Value Z	-	4.18	73.46	-	-
⊕ T. Rowe Price Mid-Cap Growth Z	-	3.71	77.18	-	-
⊕ T. Rowe Price Real Assets Z	-	3.22	80.40	-	-
⊖ T. Rowe Price Emerging Markets Stock Z	-	2.87	83.27	-	-

Total Holdings 24

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Retirement 2060 Advisor TRRYX

Morningstar Category
Target-Date 2060

Morningstar Index
Morningstar Mod Tgt Risk TR USD

Portfolio Manager(s)

Wyatt Lee since 08-2015
Kimberly DeDominicis since 10-2019
Andrew Jacobs van Merlen since 01-2020

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 7.17 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 0.89 is 25.35% higher than the Target-Date 2060 category average.

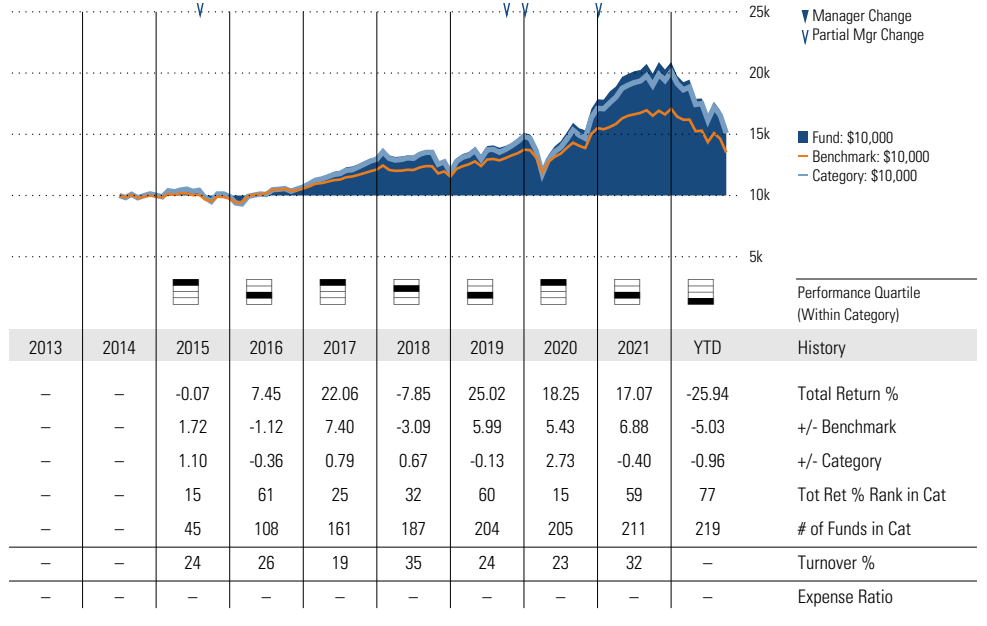
Morningstar Investment Management LLC Analysis

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

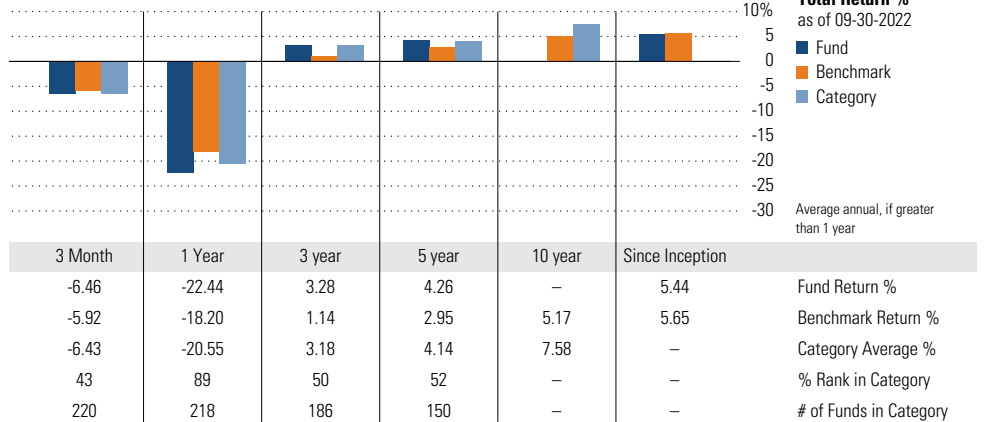
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022

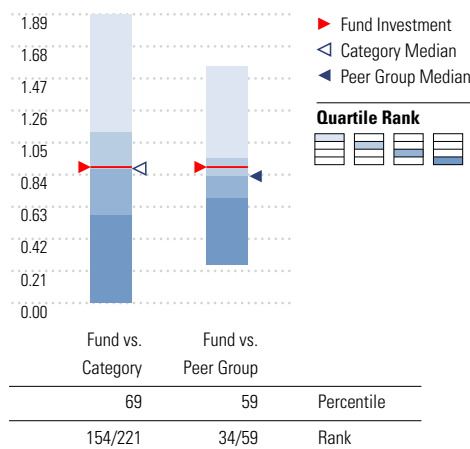
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	2.16	-	1.99
Beta	1.40	-	1.39
R-Squared	97.97	-	97.78
Standard Deviation	18.66	13.18	18.48
Sharpe Ratio	0.23	0.10	0.22
Tracking Error	5.92	-	5.82
Information Ratio	0.36	-	0.34
Up Capture Ratio	148.49	-	148.24
Down Capture Ratio	137.60	-	138.30

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.37	13.15	14.41
Price/Book Ratio	2.77	1.92	2.22
Avg Eff Duration	6.20	-	7.31

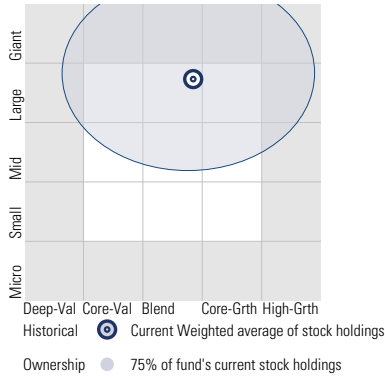
T. Rowe Price Retirement 2060 Advisor TRRYX

Morningstar Category
Target-Date 2060

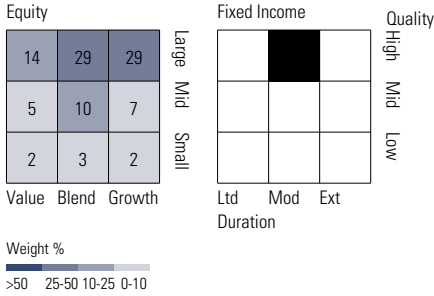
Morningstar Index
Morningstar Mod Tgt Risk TR USD

Style Analysis as of 09-30-2022

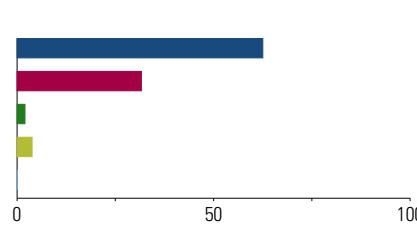
Morningstar Style Box™



Style Breakdown

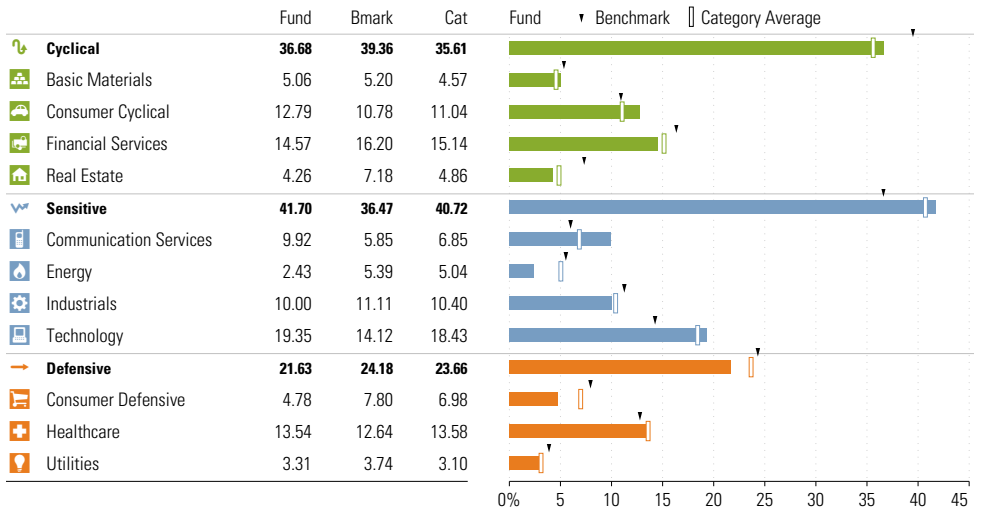


Asset Allocation as of 09-30-2022



Asset Class	Net %	Cat%
US Stocks	62.52	56.48
Non-US Stocks	31.62	31.93
Bonds	2.00	4.49
Cash	3.81	2.21
Other	0.04	4.89
Total	100.00	100.00

Sector Weighting as of 09-30-2022



Top 10 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Value Z	-	20.88	20.88	-	-
⊕ T. Rowe Price Growth Stock Z	-	16.13	37.01	-	-
⊕ T. Rowe Price Equity Index 500 Z	-	10.46	47.47	-	-
⊕ T. Rowe Price International Value Eq Z	-	7.74	55.21	-	-
⊕ T. Rowe Price Overseas Stock Z	-	7.57	62.78	-	-
⊕ T. Rowe Price International Stock Z	-	6.53	69.32	-	-
⊕ T. Rowe Price Mid-Cap Value Z	-	4.19	73.50	-	-
⊕ T. Rowe Price Mid-Cap Growth Z	-	3.70	77.21	-	-
⊕ T. Rowe Price Real Assets Z	-	3.22	80.43	-	-
⊕ T. Rowe Price Emerging Markets Stock Z	-	2.87	83.30	-	-

Total Holdings 24

⊕ Increase ⊖ Decrease ✨ New to Portfolio