

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

✔ **Management:** The fund's management has been in place for 21.85 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.51 is 17.74% lower than the Inflation-Protected Bond category average.

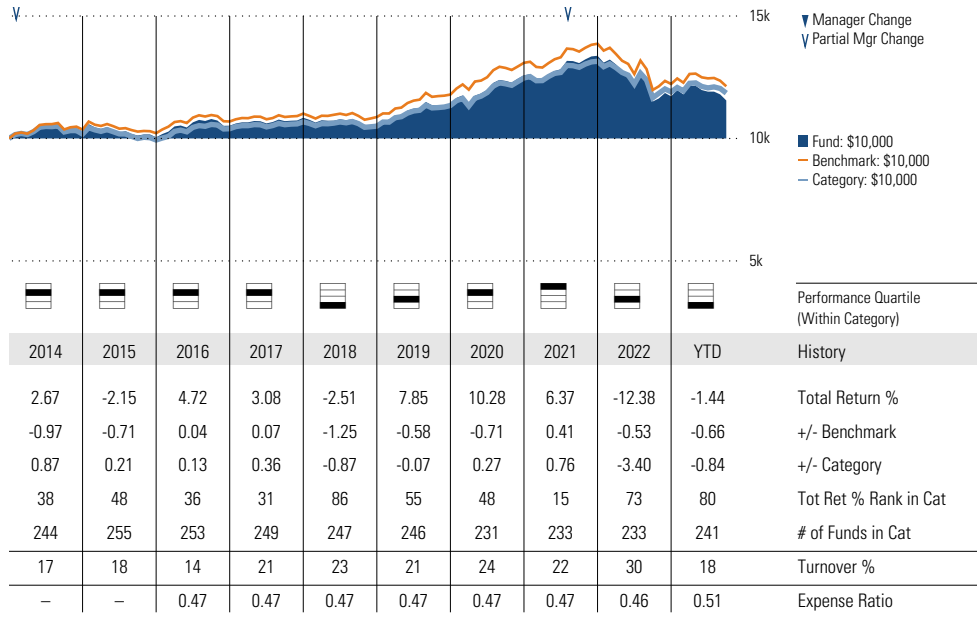
## Morningstar Investment Management LLC Analysis

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

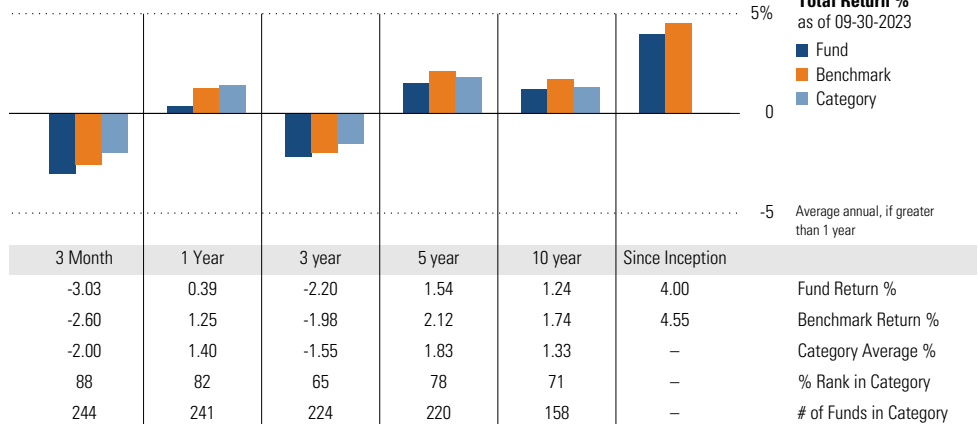
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023

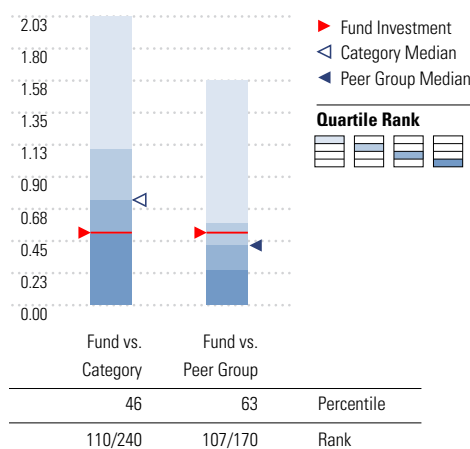
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.19	-	0.39
Beta	1.02	-	0.89
R-Squared	99.44	-	93.36
Standard Deviation	6.99	6.86	6.33
Sharpe Ratio	-0.57	-0.55	-0.44
Tracking Error	0.53	-	1.95
Information Ratio	-0.42	-	-0.07
Up Capture Ratio	100.81	-	90.18
Down Capture Ratio	102.93	-	86.17

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	7.37	4.52	5.88
Avg Eff Maturity	6.80	-	6.75

# American Century Inflation Adjs Bond Inv ACITX

**Morningstar Category**  
Inflation-Protected Bond

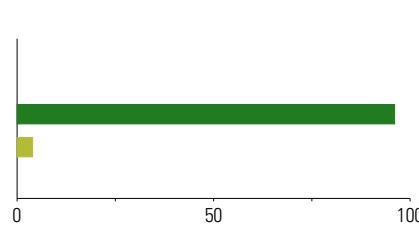
**Morningstar Index**  
Bloomberg US Treasury US TIPS TR USD

## Style Analysis as of 09-30-2023

### Style Breakdown



## Asset Allocation as of 09-30-2023

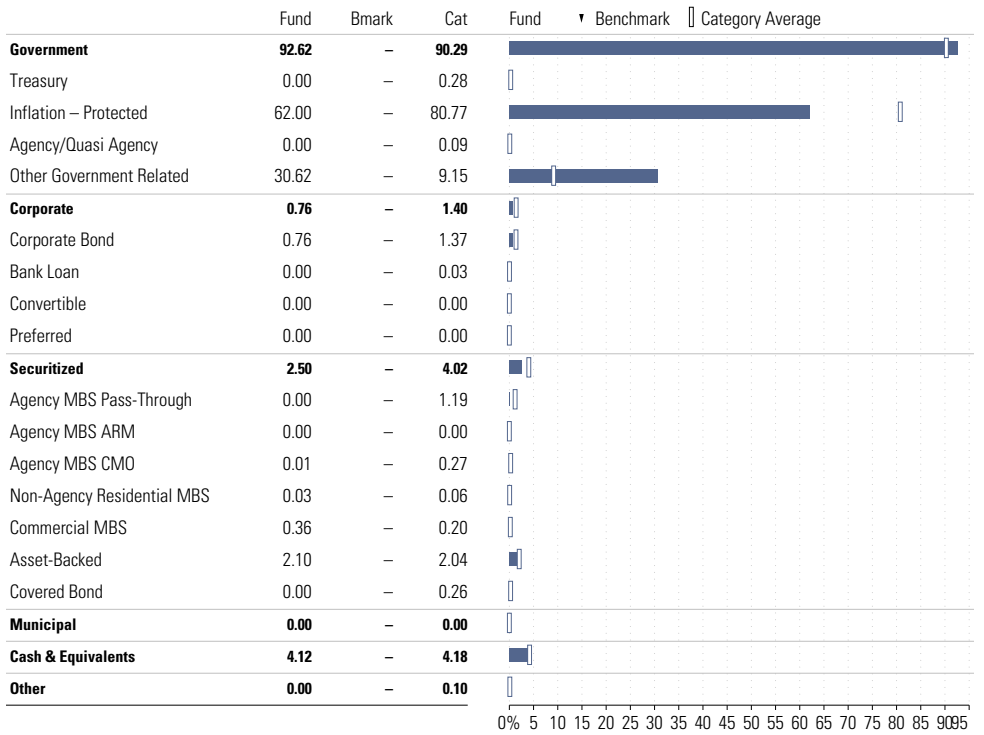


Asset Class	Net %	Cat%
US Stocks	0.00	0.11
Non-US Stocks	0.00	0.00
Bonds	96.06	99.64
Cash	3.94	-0.10
Other	0.00	0.36
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	94.68	0.00	88.72
AA	1.08	99.60	3.39
A	1.39	0.00	1.89
BBB	0.61	0.00	2.59
BB	0.00	0.00	1.01
B	0.00	0.00	0.58
Below B	0.00	0.00	0.20
Not Rated	2.24	0.40	1.62

## Sector Weighting as of 09-30-2023



## Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Us 5yr Note (Cbt) Sep23 Xcvt 20230929	09-2023	10.79	10.79	-
⊕ United States Treasury Notes 0.625%	01-2026	4.80	15.60	-
⊕ State Street Bank & Trust Co 5 Repo - 03jul23	07-2023	4.01	19.60	-
⊕ United States Treasury Notes 0.625%	01-2024	3.46	23.06	-
⊕ United States Treasury Notes 0.125%	04-2027	3.45	26.51	-
⊕ United States Treasury Notes 0.125%	10-2025	3.41	29.92	-
⊕ United States Treasury Bonds 2%	01-2026	3.35	33.28	-
⊕ Future on Ultra 10 Year US Treasury Note	09-2023	3.29	36.57	-
⊕ Future on 2 Year Treasury Note	09-2023	3.28	39.85	-
⊕ United States Treasury Notes 0.5%	01-2028	2.69	42.54	-

**Total Holdings 135**

⊕ 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)

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

## Quantitative Screens

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

**Management:** The fund's management has been in place for 19.51 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 0.98 is 1.03% higher than the Mid-Cap Value category average.

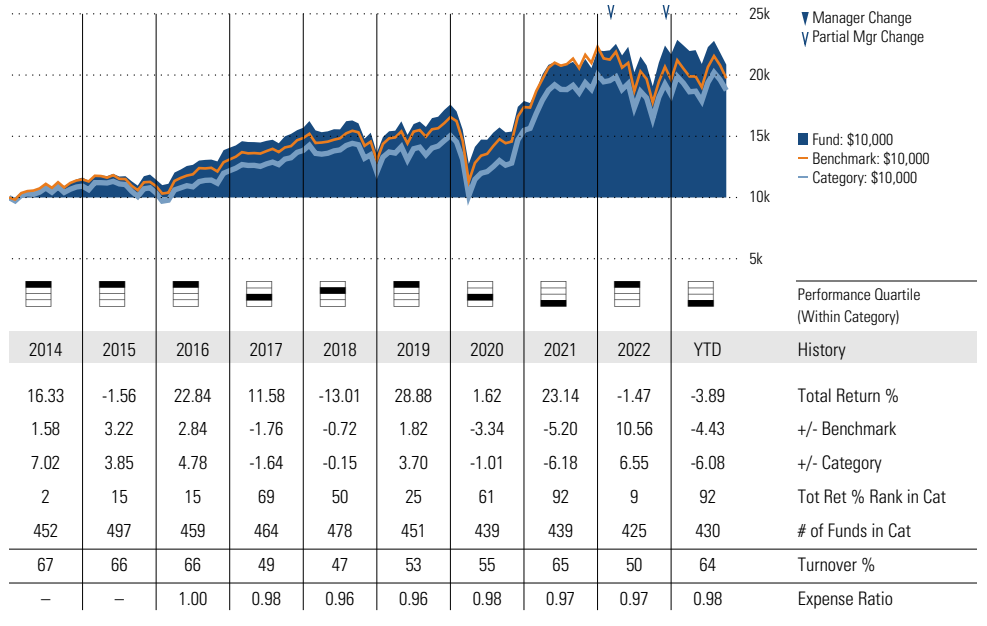
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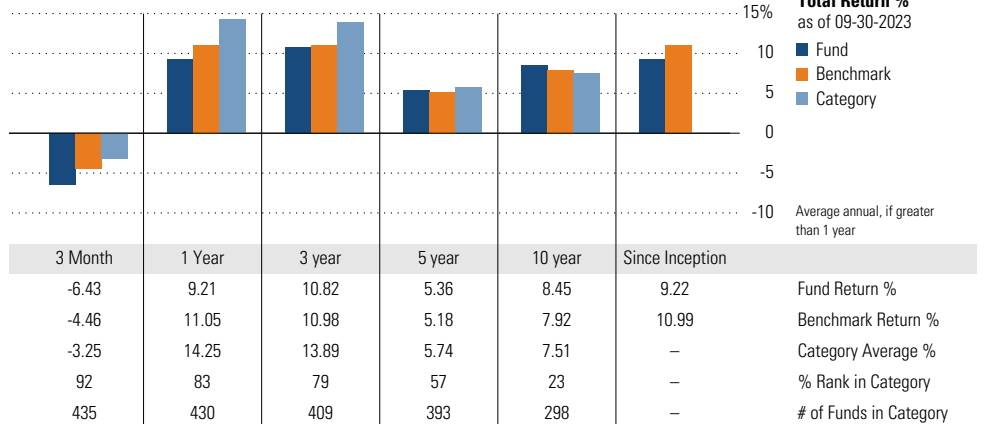
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

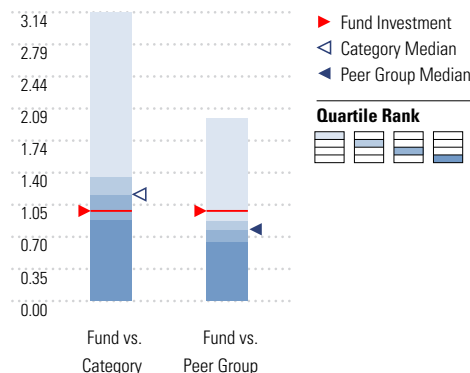
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.26	-	2.65
Beta	0.85	-	0.98
R-Squared	94.19	-	94.38
Standard Deviation	17.38	19.86	19.94
Sharpe Ratio	0.56	0.52	0.63
Tracking Error	5.15	-	4.81
Information Ratio	-0.03	-	0.55
Up Capture Ratio	86.51	-	100.27
Down Capture Ratio	81.79	-	90.56

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	16.09	15.63	14.80
Price/Book Ratio	1.98	2.12	1.91
Geom Avg Mkt Cap \$B	17.74	17.17	13.33
ROE	15.11	13.69	14.35

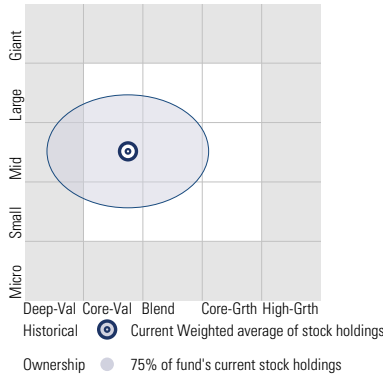
# American Century Mid Cap Value Inv ACMVX

**Morningstar Category**  
Mid-Cap Value

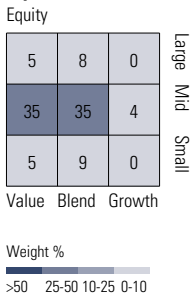
**Morningstar Index**  
Russell Mid Cap Value TR USD

## Style Analysis as of 09-30-2023

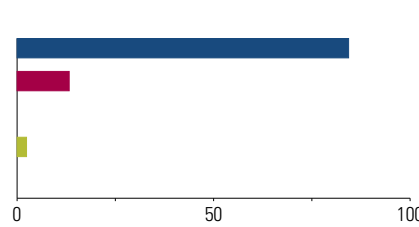
Morningstar Style Box™



## Style Breakdown

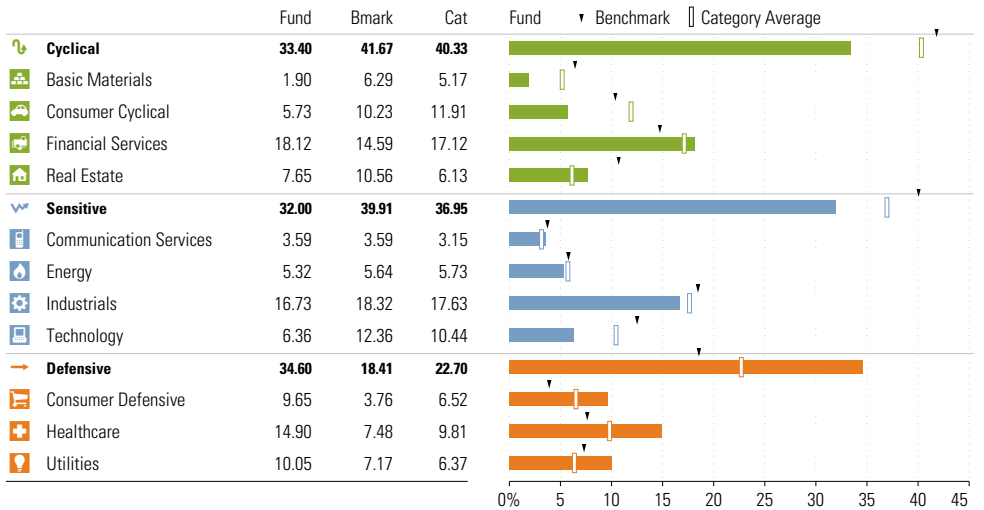


## Asset Allocation as of 09-30-2023



Asset Class	Net %	Cat%
US Stocks	84.35	90.26
Non-US Stocks	13.25	7.17
Bonds	0.00	0.01
Cash	2.40	2.08
Other	0.00	0.49
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2023



## Top 15 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Zimmer Biomet Holdings Inc	2.55	2.55	-11.42	Healthcare
⊖ Northern Trust Corp	2.25	4.80	-18.94	Financial Services
⊕ Allstate Corp	2.22	7.02	-15.87	Financial Services
⊕ Edison International	2.21	9.23	2.96	Utilities
⊕ Conagra Brands Inc	2.15	11.38	-26.54	Consumer Defensive
⊖ Bank of New York Mellon Corp	2.09	13.47	-3.76	Financial Services
⊖ Koninklijke Ahold Delhaize NV	2.00	15.48	-	Consumer Defensive
⊕ Henry Schein Inc	1.92	17.40	-7.04	Healthcare
⊕ Oshkosh Corp	1.92	19.32	9.60	Industrials
⊕ Emerson Electric Co	1.92	21.24	2.15	Industrials
⊖ Southwest Airlines Co	1.69	22.93	-17.46	Industrials
⊕ Packaging Corp of America	1.69	24.62	22.98	Consumer Cyclical
⊖ Spire Inc	1.69	26.31	-14.70	Utilities
⊖ Dollar Tree Inc	1.64	27.95	-24.74	Consumer Defensive
⊕ Enterprise Products Partners LP	1.63	29.58	19.61	Energy

**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 14.88 years.

✘ **Style:** The fund has landed in its primary style box — Mid-Cap Blend — 60 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 1.15 is 7.48% higher than the Real Estate category average.

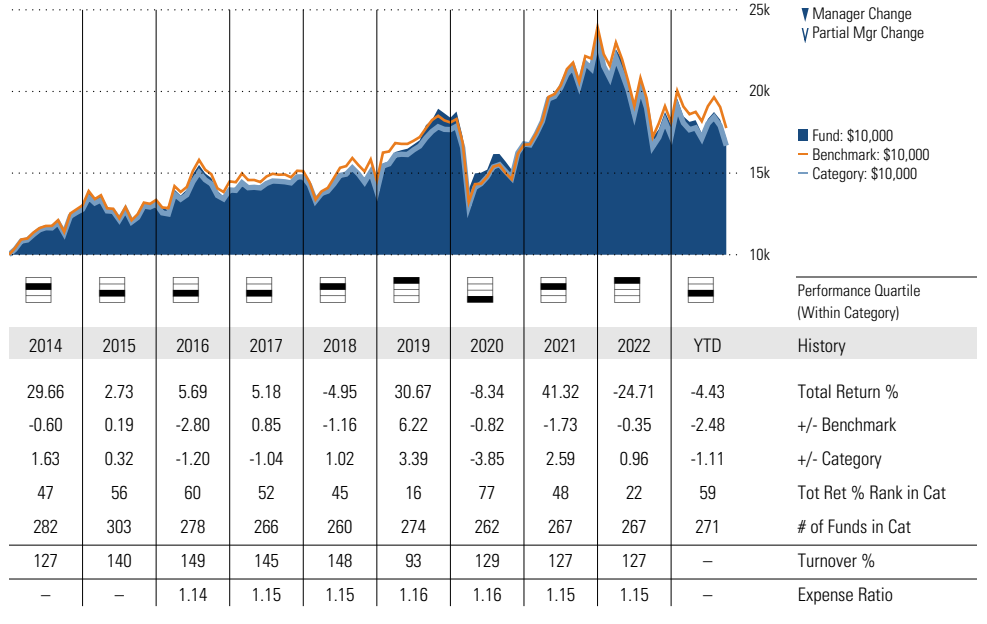
## Morningstar Investment Management LLC Analysis

This fund fails the style screen but remains focused on real estate securities so we do not regard the failure as significant.

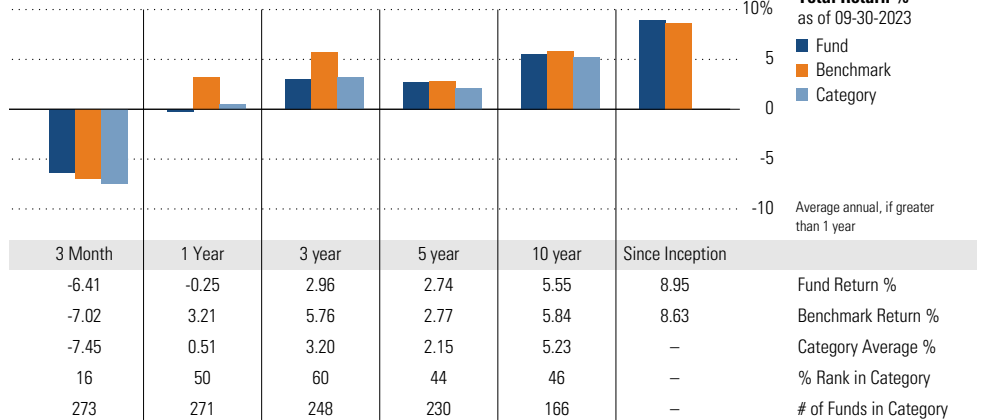
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022

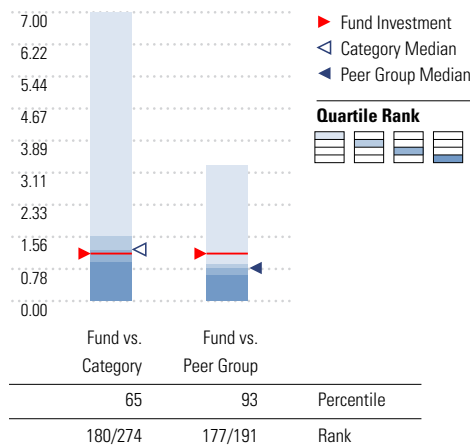
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-2.49	-	-2.17
Beta	0.96	-	0.96
R-Squared	97.50	-	94.42
Standard Deviation	19.91	20.45	20.13
Sharpe Ratio	0.14	0.27	0.16
Tracking Error	3.25	-	4.33
Information Ratio	-0.86	-	-0.70
Up Capture Ratio	92.57	-	92.28
Down Capture Ratio	100.97	-	99.74

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	32.14	38.46	31.64
Price/Book Ratio	2.36	2.42	2.27
Geom Avg Mkt Cap \$B	28.17	9.35	31.22
ROE	14.65	9.56	14.92

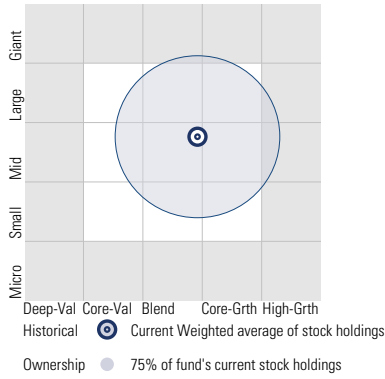
# American Century Real Estate Inv REACX

**Morningstar Category**  
Real Estate

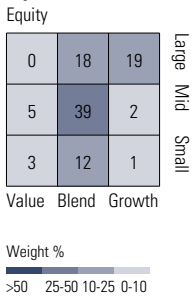
**Morningstar Index**  
S&P United States REIT TR USD

## Style Analysis as of 09-30-2023

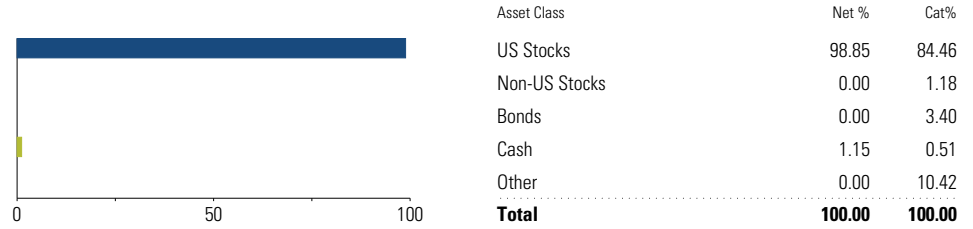
Morningstar Style Box™



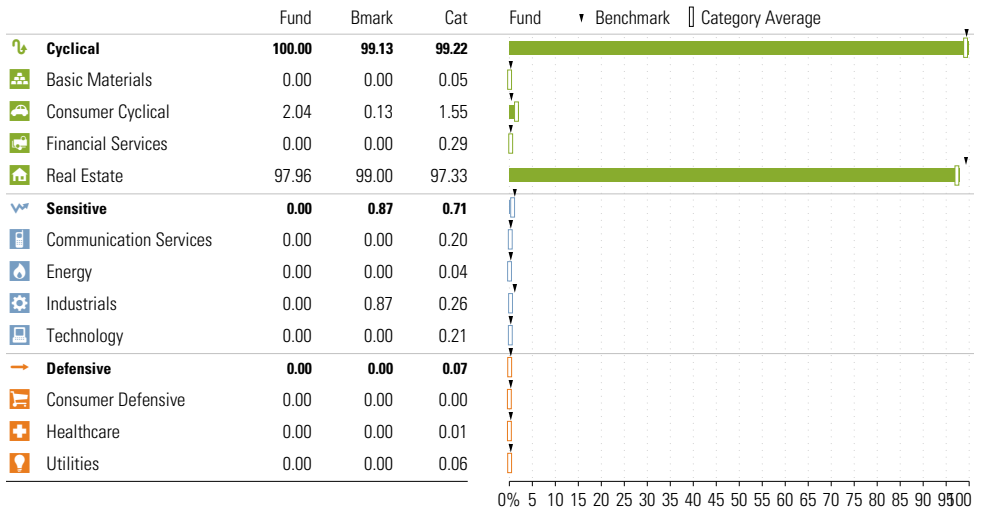
## Style Breakdown



## Asset Allocation as of 09-30-2023



## Sector Weighting as of 09-30-2023



## Top 15 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Prologis Inc	13.35	13.35	1.85	Real Estate
⊕ American Tower Corp	10.93	24.28	-20.90	Real Estate
⊖ Equinix Inc	8.21	32.49	12.44	Real Estate
⊕ AvalonBay Communities Inc	6.18	38.67	9.39	Real Estate
⊕ Public Storage	4.81	43.48	-2.74	Real Estate
⊕ Digital Realty Trust Inc	4.78	48.26	24.34	Real Estate
⊕ Welltower Inc	3.93	52.19	27.77	Real Estate
⊕ VICI Properties Inc Ordinary Shares	3.20	55.39	-6.50	Real Estate
⊕ American Homes 4 Rent Class A	3.19	58.57	13.97	Real Estate
Iron Mountain Inc	3.17	61.74	23.04	Real Estate
⊕ Kite Realty Group Trust	3.09	64.83	5.18	Real Estate
⊖ Ventas Inc	2.95	67.79	-3.49	Real Estate
⊖ UDR Inc	2.68	70.47	-4.75	Real Estate
⊖ Essential Properties Realty Trust Inc	2.35	72.81	-4.28	Real Estate
⊕ Invitation Homes Inc	2.27	75.08	9.55	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  
Steven Watson since 12-2005  
Brady Enright since 12-2005  
Noriko Chen since 04-2012  
Andraz Razen since 07-2015  
Barbara Burtin since 12-2018  
Patrice Collette since 12-2018

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 22.84 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 28.97% lower than the Global Large-Stock Growth category average.

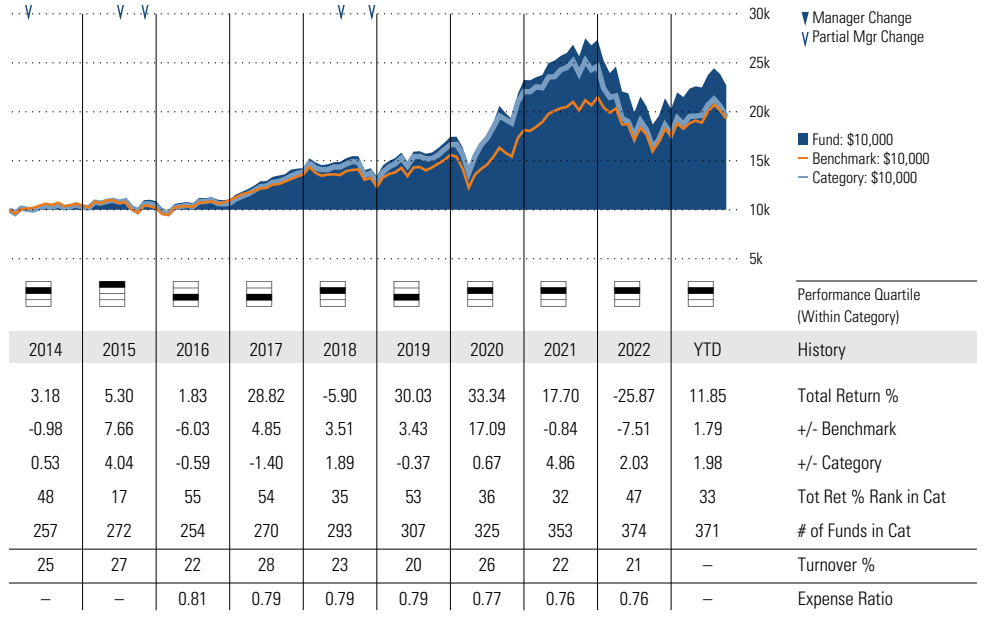
## Morningstar Investment Management LLC Analysis

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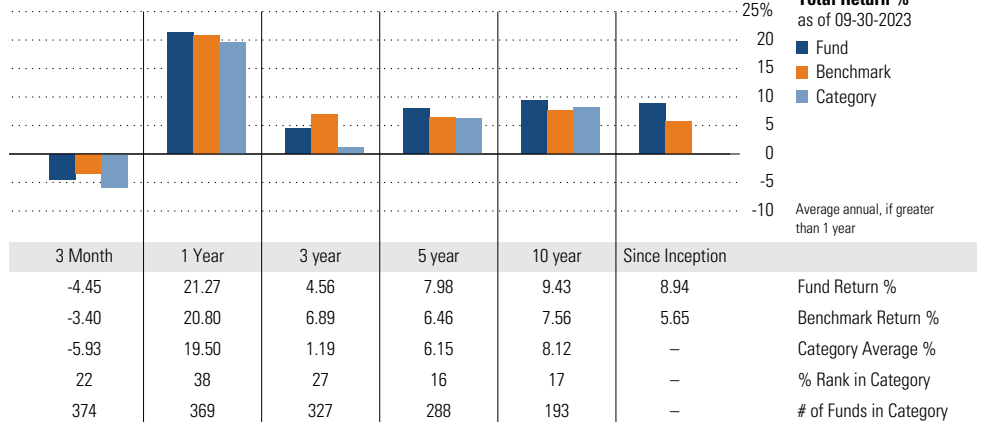
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	02-15-2022

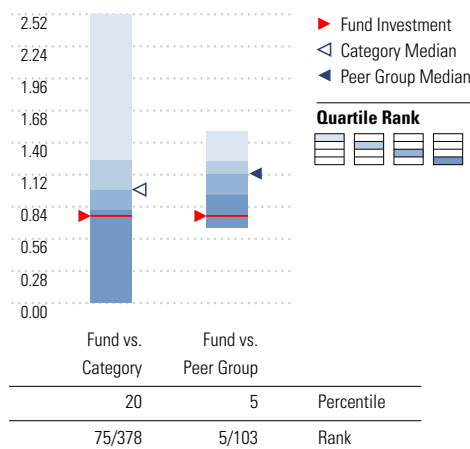
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-2.71	-	-5.37
Beta	1.11	-	1.09
R-Squared	96.15	-	87.87
Standard Deviation	19.33	17.09	20.08
Sharpe Ratio	0.22	0.35	0.09
Tracking Error	4.23	-	7.12
Information Ratio	-0.55	-	-0.70
Up Capture Ratio	104.53	-	96.80
Down Capture Ratio	115.93	-	119.97

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	21.65	18.01	25.97
Price/Book Ratio	3.64	2.62	4.60
Geom Avg Mkt Cap \$B	118.09	114.17	155.31
ROE	25.53	25.38	24.52

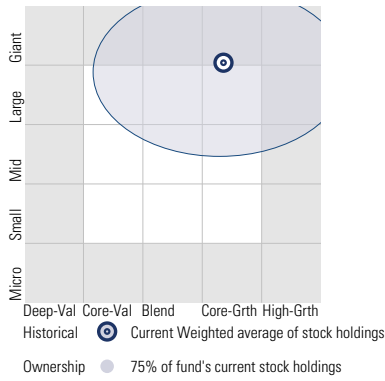
# American Funds New Perspective R4 RNPEX

**Morningstar Category**  
Global Large-Stock Growth

**Morningstar Index**  
MSCI ACWI NR USD

## Style Analysis as of 09-30-2023

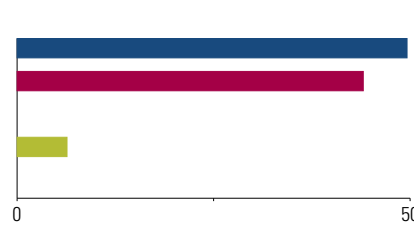
Morningstar Style Box™



## Style Breakdown

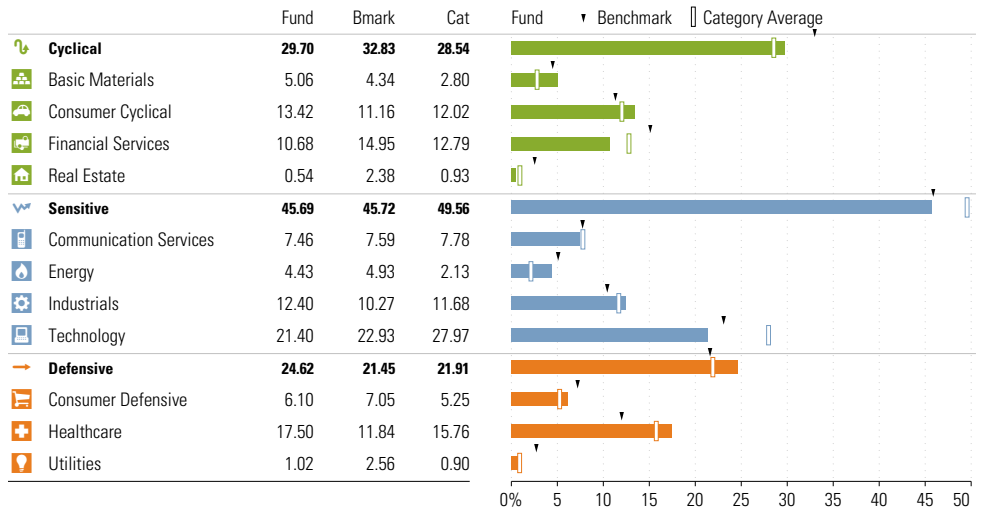


## Asset Allocation as of 09-30-2023

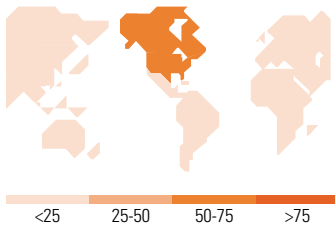


Asset Class	Net %	Cat%
US Stocks	49.61	58.42
Non-US Stocks	44.04	38.96
Bonds	0.00	0.01
Cash	6.35	2.05
Other	0.00	0.56
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2023



## World Regions % Equity 09-30-2023



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	11.44	12.26	Americas	57.58	63.40	Greater Europe	30.99	24.36	Developed Markets	95.76
Japan	3.17	4.11	North America	56.23	62.03	United Kingdom	5.54	4.38	Emerging Markets	4.24
Australasia	0.09	0.24	Central/Latin	1.35	1.37	W euro-ex UK	24.95	19.65	Not Available	0.00
Asia-4 Tigers	5.62	3.56				Emrgng Europe	0.00	0.02		
Asia-ex 4 Tigers	2.56	4.35				Africa	0.50	0.31		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	6.35	6.35	-	-
⊖ Microsoft Corp	4.69	11.04	32.51	Technology
⊕ Novo Nordisk A/S Class B	2.48	13.52	-	Healthcare
⊖ Tesla Inc	2.39	15.91	103.13	Consumer Cyclical
⊖ Taiwan Semiconductor Manufacturing Co Ltd	2.29	18.21	-	Technology
⊖ Meta Platforms Inc Class A	2.15	20.36	149.47	Communication Svc
⊖ Broadcom Inc	1.91	22.27	51.02	Technology
⊖ Eli Lilly and Co	1.51	23.78	47.75	Healthcare
⊖ ASML Holding NV	1.46	25.24	-	Technology
LVMH Moët Hennessy Louis Vuitton SE	1.33	26.58	-	Consumer Cyclical

**Total Holdings 297**

⊕ 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)

Robert Lovelace since 06-1999  
 Carl Kawaja since 06-1999  
 Christopher Thomsen since 01-2009  
 Winnie Kwan since 01-2009  
 Tomonori Tani since 10-2013  
 Jonathan Knowles since 01-2016  
 Akira Shiraishi since 01-2017  
 Bradford Freer 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 24.3 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 0.93 is 18.42% lower than the Diversified Emerging Mkts category average.

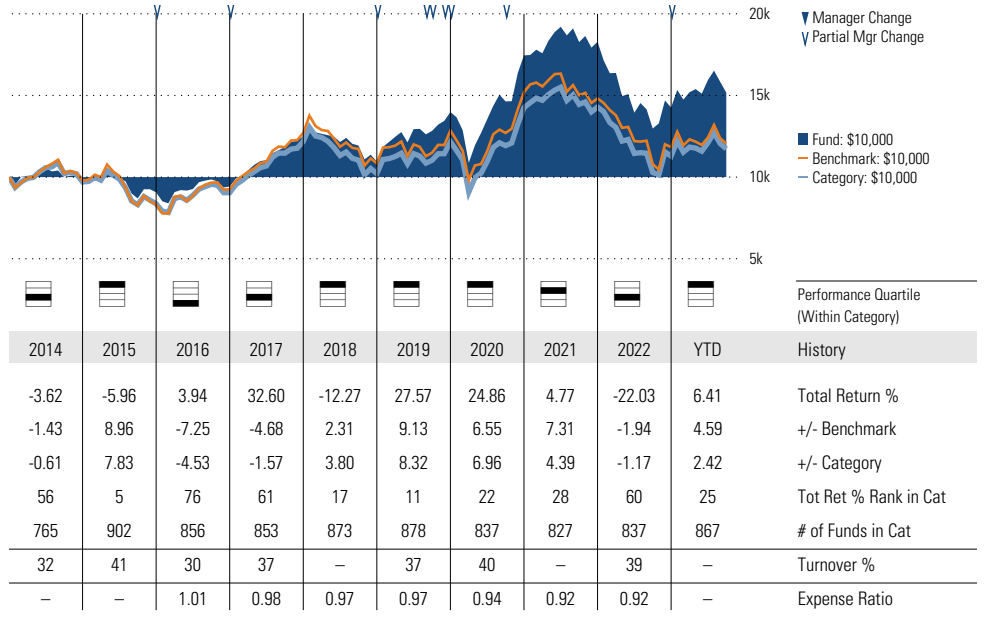
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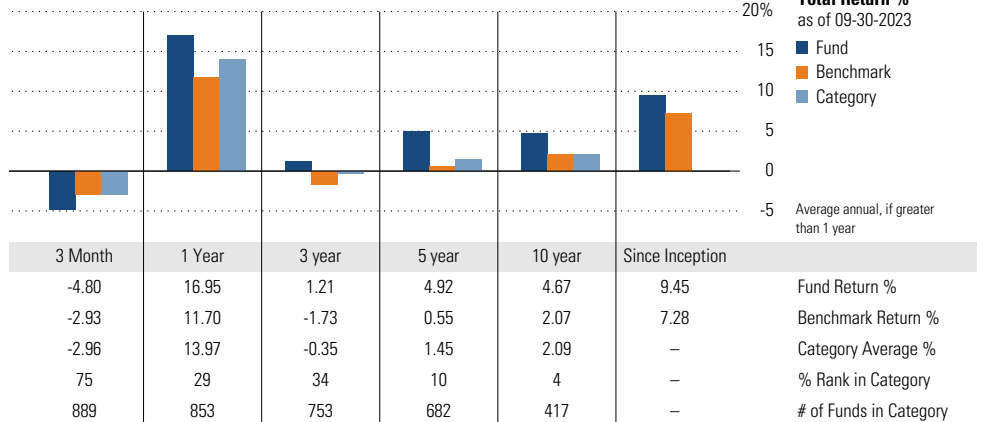
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Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

## Growth of \$10,000



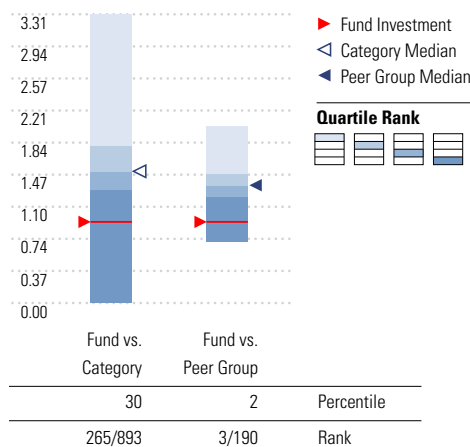
## Trailing Performance



## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

## 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	2.78	-	0.13
Beta	0.85	-	0.96
R-Squared	78.79	-	87.58
Standard Deviation	17.07	17.90	18.47
Sharpe Ratio	0.03	-0.12	-0.10
Tracking Error	8.33	-	6.34
Information Ratio	0.35	-	-0.02
Up Capture Ratio	92.33	-	98.68
Down Capture Ratio	81.12	-	98.67

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.17	12.44	13.62
Price/Book Ratio	2.98	1.57	1.94
Geom Avg Mkt Cap \$B	59.03	34.93	45.85
ROE	22.42	16.48	18.37

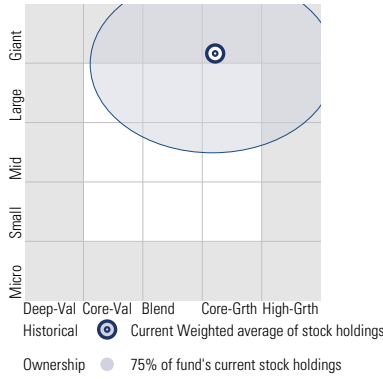
# American Funds New World R4 RNWEX

**Morningstar Category**  
Diversified Emerging Mkts

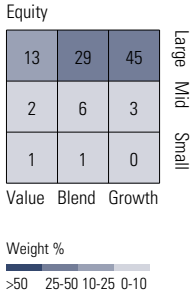
**Morningstar Index**  
MSCI EM NR USD

## Style Analysis as of 09-30-2023

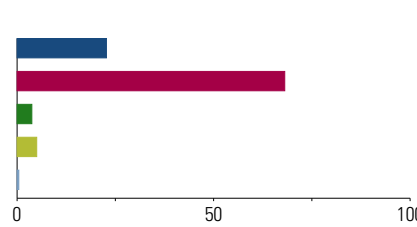
Morningstar Style Box™



## Style Breakdown

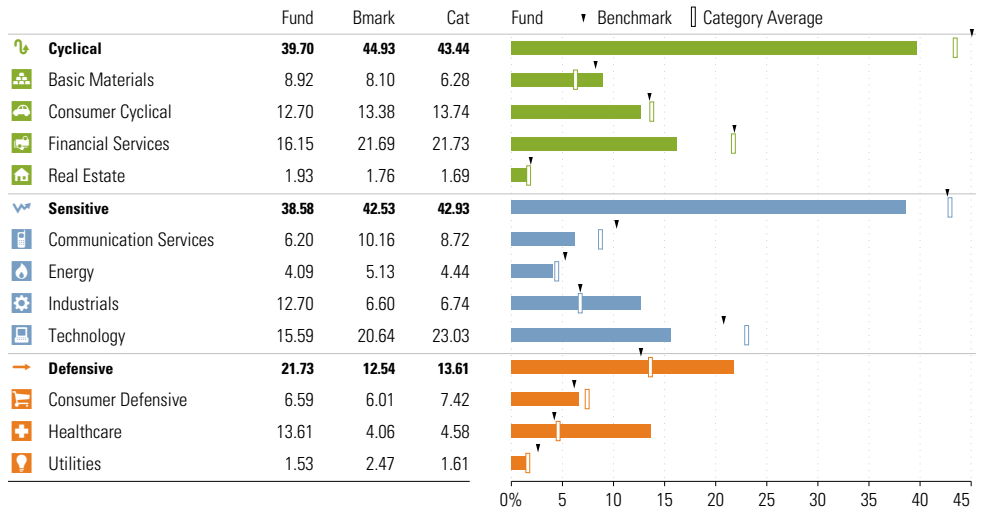


## Asset Allocation as of 09-30-2023



Asset Class	Net %	Cat%
US Stocks	22.73	3.39
Non-US Stocks	68.10	94.61
Bonds	3.75	0.00
Cash	4.99	1.75
Other	0.43	0.24
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2023



## World Regions % Equity 09-30-2023



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	38.48	74.43	Americas	36.40	15.31	Greater Europe	25.12	10.24	Developed Markets	59.04
Japan	2.51	0.08	North America	26.68	2.89	United Kingdom	2.38	0.58	Emerging Markets	40.96
Australasia	0.46	0.00	Central/Latin	9.72	12.42	W euro-ex UK	20.00	1.92	Not Available	0.00
Asia-4 Tigers	6.81	27.40				Emrgng Europe	0.59	1.50		
Asia-ex 4 Tigers	28.70	46.95				Africa	2.15	6.24		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	4.81	4.81	-	-
Microsoft Corp	2.91	7.72	32.51	Technology
Novo Nordisk A/S Class B	2.17	9.89	-	Healthcare
Taiwan Semiconductor Manufacturing Co Ltd	2.02	11.91	-	Technology
LVMH Moet Hennessy Louis Vuitton SE	1.82	13.72	-	Consumer Cyclical
Kotak Mahindra Bank Ltd	1.61	15.33	-	Financial Services
Airbus SE	1.55	16.88	-	Industrials
Eli Lilly and Co	1.26	18.13	47.75	Healthcare
Reliance Industries Ltd	1.16	19.30	-	Energy
AIA Group Ltd	1.12	20.42	-	Financial Services

**Total Holdings 590**

⊕ 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 7 of the 10 years it's been in existence.
- Management:** The fund's management has been in place for 26.27 years.
- Style:** The fund has landed in its primary style box — Large Blend — 50 % of the time over the past three years.
- Net Expense:** The fund's expense ratio of 0.62 is 17.33% lower than the Large Blend category average.

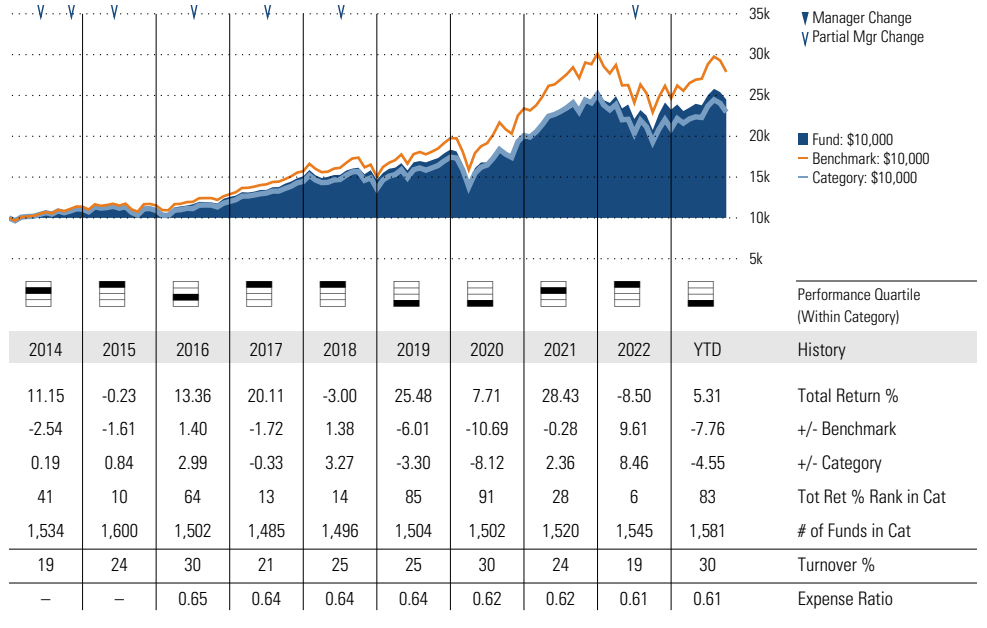
## Morningstar Investment Management LLC Analysis

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.

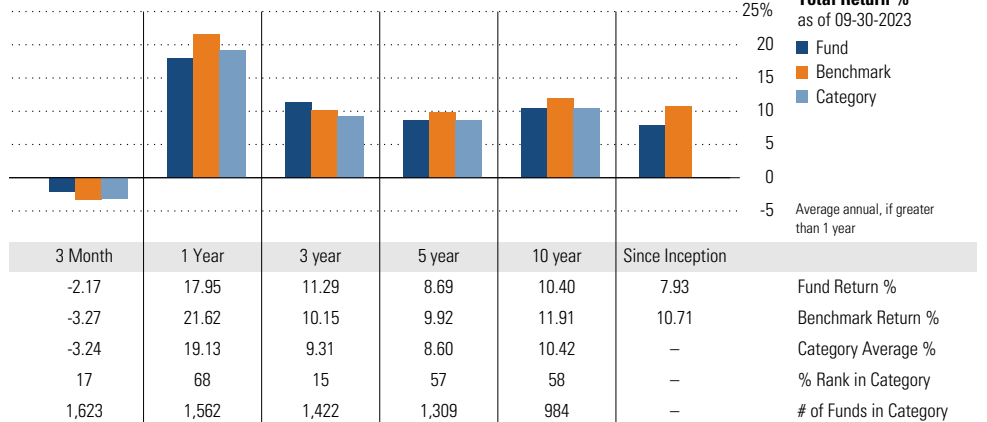
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

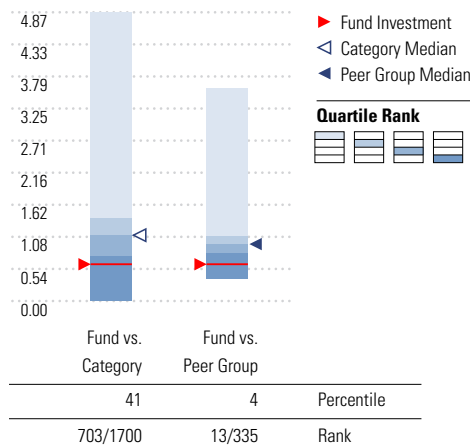
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	2.44	-	-0.66
Beta	0.85	-	0.95
R-Squared	90.85	-	94.61
Standard Deviation	15.84	17.85	17.40
Sharpe Ratio	0.62	0.52	0.45
Tracking Error	5.53	-	3.74
Information Ratio	0.21	-	-1.15
Up Capture Ratio	91.03	-	93.16
Down Capture Ratio	82.69	-	95.77

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.42	22.40	22.25
Price/Book Ratio	3.61	3.98	4.46
Geom Avg Mkt Cap \$B	152.24	228.69	275.77
ROE	29.65	30.76	29.52

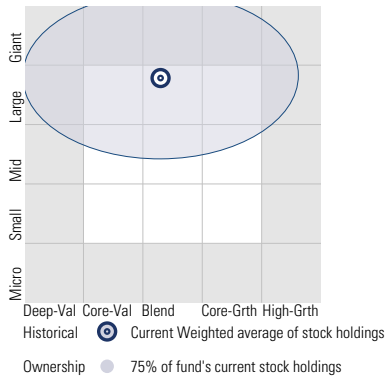
# American Funds Washington Mutual R4 RWMEX

**Morningstar Category**  
Large Blend

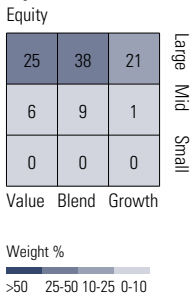
**Morningstar Index**  
S&P 500 TR USD

## Style Analysis as of 09-30-2023

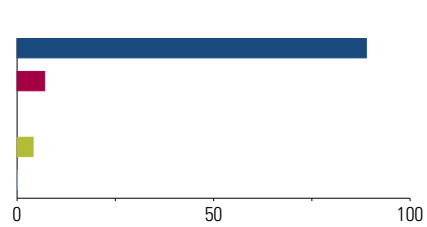
Morningstar Style Box™



## Style Breakdown

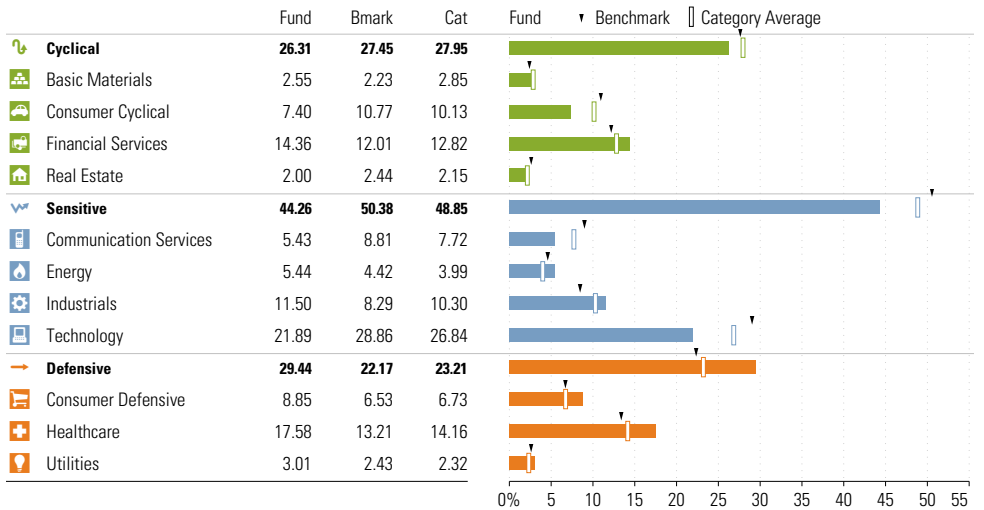


## Asset Allocation as of 09-30-2023



Asset Class	Net %	Cat%
US Stocks	88.86	95.33
Non-US Stocks	7.01	2.48
Bonds	0.00	0.15
Cash	4.07	0.71
Other	0.07	1.34
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2023



## Top 15 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Broadcom Inc	6.43	6.43	51.02	Technology
⊖ Microsoft Corp	6.19	12.62	32.51	Technology
⊕ Capital Group Central Cash Fund	4.02	16.64	-	-
⊖ UnitedHealth Group Inc	3.24	19.88	-3.88	Healthcare
⊖ Comcast Corp Class A	2.68	22.55	29.23	Communication Svc
Marsh & McLennan Companies Inc	2.51	25.06	16.14	Financial Services
⊖ Eli Lilly and Co	1.98	27.04	47.75	Healthcare
⊕ Northrop Grumman Corp	1.80	28.84	-18.32	Industrials
⊖ The Home Depot Inc	1.75	30.59	-2.35	Consumer Cyclical
⊕ Philip Morris International Inc	1.70	32.29	-4.73	Consumer Defensive
Apple Inc	1.60	33.89	32.32	Technology
⊕ Johnson & Johnson	1.56	35.45	-9.84	Healthcare
⊕ JPMorgan Chase & Co	1.40	36.86	10.38	Financial Services
⊕ ASML Holding NV ADR	1.23	38.09	8.64	Technology
⊖ AstraZeneca PLC ADR	1.20	39.29	2.02	Healthcare

**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 23.02 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.55 is 1.85% higher than the Intermediate Core Bond category average.

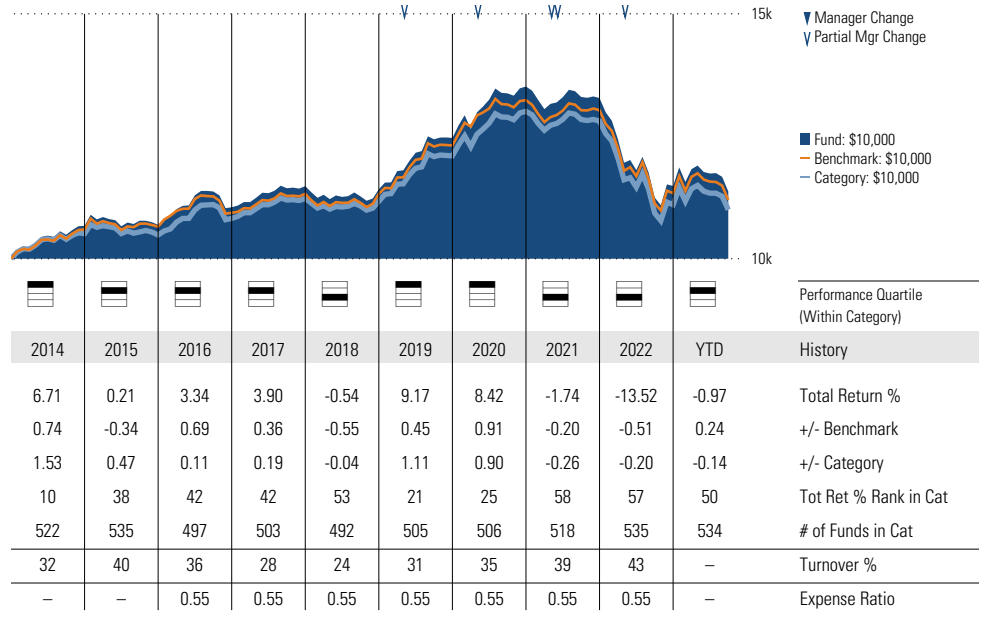
## Morningstar Investment Management LLC Analysis

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.

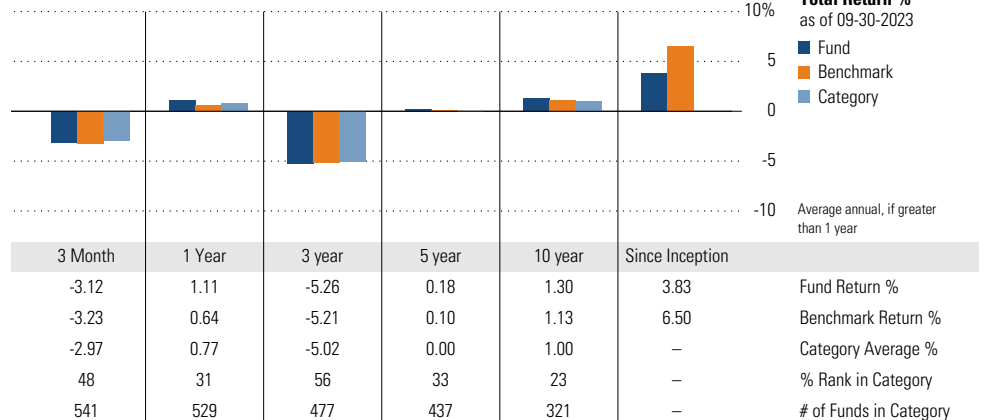
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
ESG Commitment	1-Low	02-15-2022

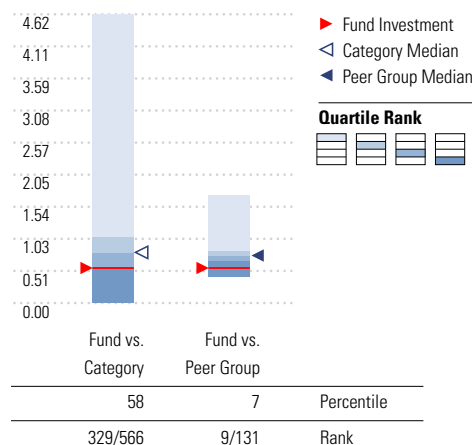
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.00	-	0.02
Beta	1.01	-	0.98
R-Squared	99.54	-	96.70
Standard Deviation	6.27	6.20	6.18
Sharpe Ratio	-1.16	-1.16	-1.15
Tracking Error	0.43	-	1.01
Information Ratio	-0.12	-	-0.10
Up Capture Ratio	100.18	-	97.41
Down Capture Ratio	100.60	-	97.57

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	6.31	4.43	6.10
Avg Eff Maturity	8.44	-	8.47

# Baird Aggregate Bond Inv BAGSX

**Morningstar Category**  
Intermediate Core Bond

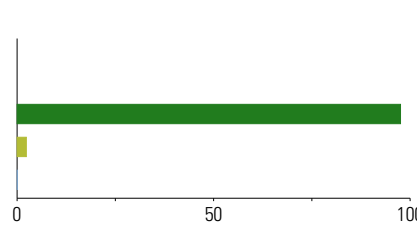
**Morningstar Index**  
Bloomberg US Agg Bond TR USD

**Style Analysis** as of 09-30-2023

**Style Breakdown**



**Asset Allocation** as of 09-30-2023

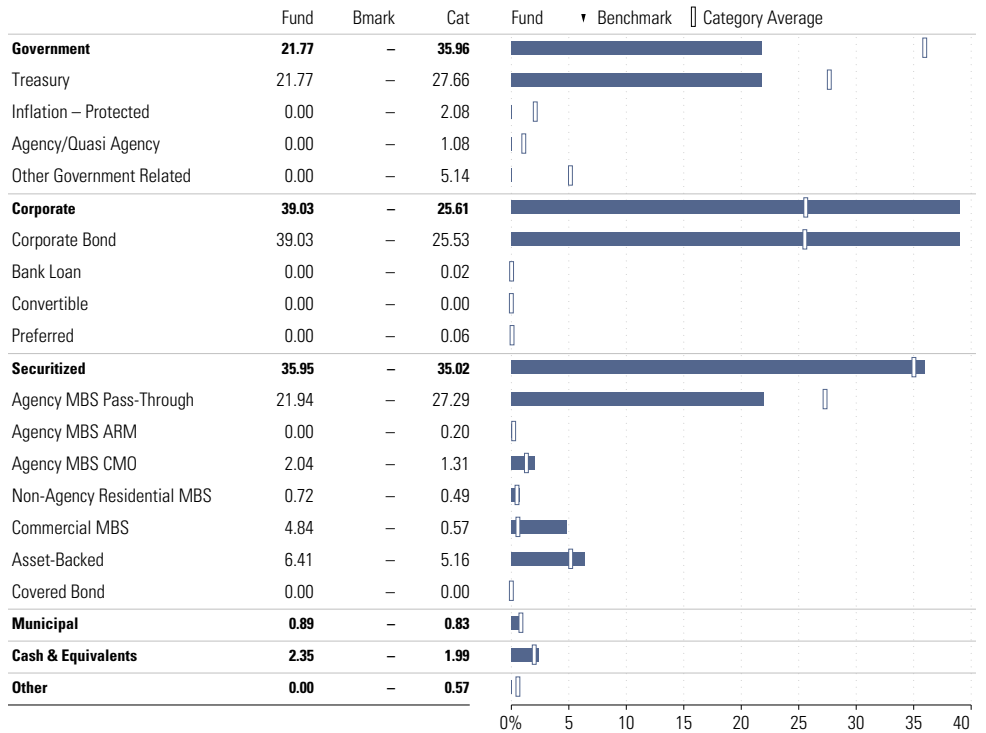


Asset Class	Net %	Cat%
US Stocks	0.00	0.07
Non-US Stocks	0.00	0.00
Bonds	97.56	95.99
Cash	2.35	2.17
Other	0.09	1.78
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Credit Rating Breakdown**

	Fund	Bmark	Cat
AAA	59.70	3.53	56.04
AA	3.80	74.59	8.35
A	13.10	10.82	17.35
BBB	23.20	8.32	15.53
BB	0.20	0.28	1.06
B	0.00	0.00	0.38
Below B	0.00	0.00	0.18
Not Rated	0.00	2.46	1.11

**Sector Weighting** as of 09-30-2023



**Top 10 Holdings** as of 09-30-2023

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

**Total Holdings 1710**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# 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 23.02 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.

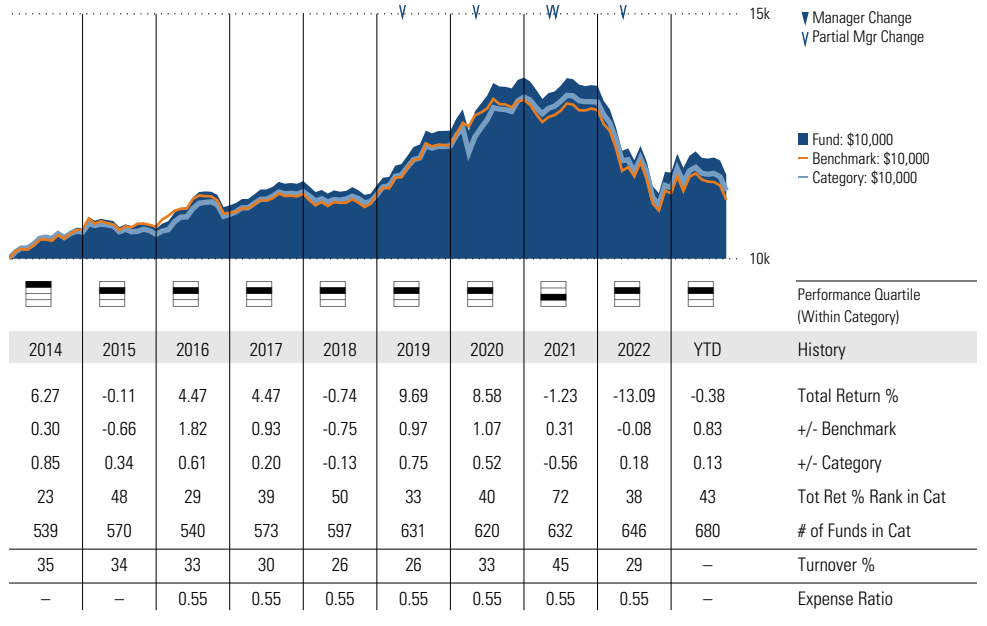
## Morningstar Investment Management LLC Analysis

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.

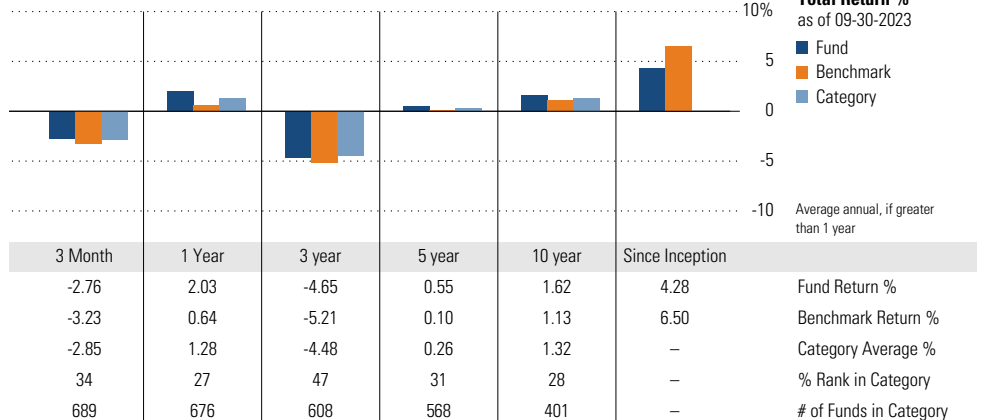
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
ESG Commitment	1-Low	02-15-2022

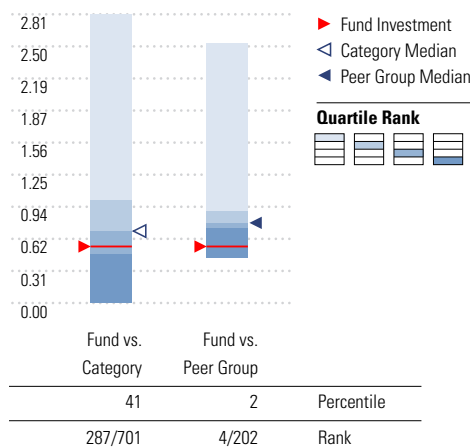
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.58	-	0.58
Beta	1.00	-	1.01
R-Squared	98.88	-	93.95
Standard Deviation	6.22	6.20	6.49
Sharpe Ratio	-1.06	-1.16	-1.03
Tracking Error	0.66	-	1.60
Information Ratio	0.85	-	0.31
Up Capture Ratio	102.28	-	103.07
Down Capture Ratio	95.87	-	97.08

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	6.06	4.43	6.32
Avg Eff Maturity	8.21	-	9.39

# Baird Core Plus Bond Inv BCOSX

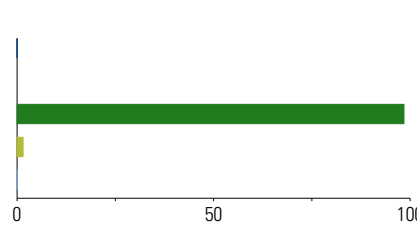
**Morningstar Category** Intermediate Core-Plus Bond  
**Morningstar Index** Bloomberg US Agg Bond TR USD

## Style Analysis as of 09-30-2023

### Style Breakdown



## Asset Allocation as of 09-30-2023

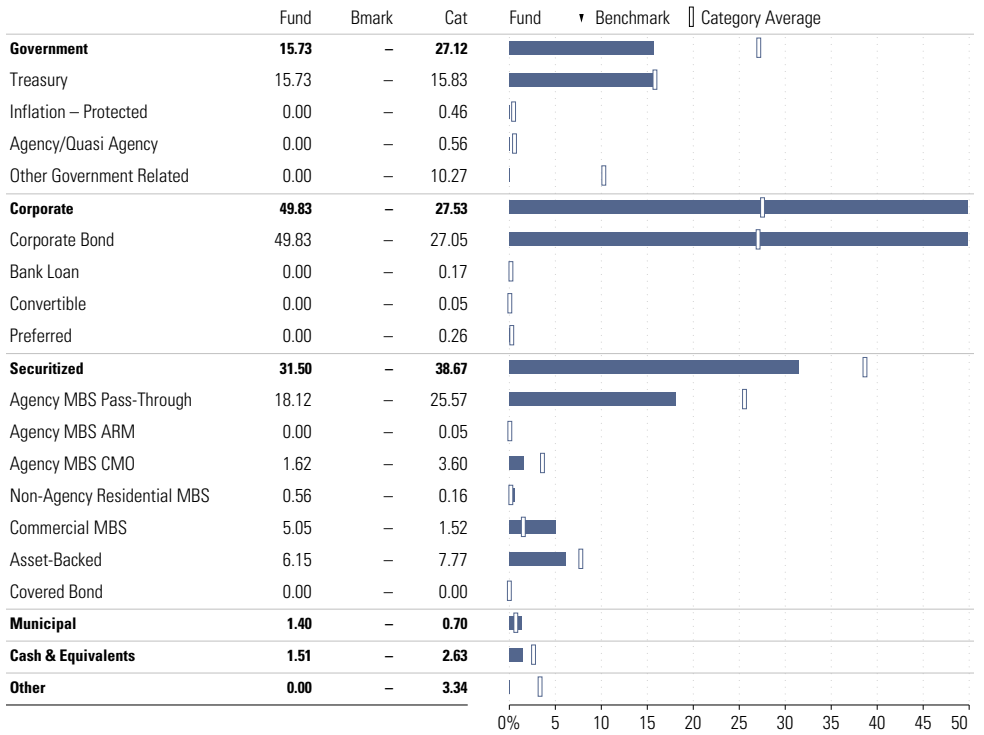


Asset Class	Net %	Cat%
US Stocks	0.01	0.19
Non-US Stocks	0.00	0.00
Bonds	98.43	100.91
Cash	1.52	-2.57
Other	0.04	1.48
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	48.10	3.53	52.06
AA	3.80	74.59	5.00
A	13.40	10.82	11.81
BBB	31.40	8.32	18.82
BB	2.70	0.28	5.05
B	0.10	0.00	2.40
Below B	0.10	0.00	1.01
Not Rated	0.40	2.46	3.85

## Sector Weighting as of 09-30-2023



## Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊖ United States Treasury Bonds 2.5%	02-2045	3.09	3.09	-
⊕ United States Treasury Notes 1.13%	08-2028	2.63	5.72	-
United States Treasury Bonds 2.88%	05-2043	2.40	8.12	-
⊕ United States Treasury Notes 1.13%	10-2026	1.67	9.79	-
⊖ First American Government Obligs U	02-2030	1.51	11.31	-
United States Treasury Bonds 1.38%	11-2040	1.26	12.56	-
⊕ United States Treasury Bonds 2.38%	02-2042	0.93	13.50	-
⊕ United States Treasury Notes 2.38%	03-2029	0.86	14.36	-
⊕ United States Treasury Bonds 2.88%	05-2052	0.73	15.10	-
⊖ United States Treasury Notes 2.88%	05-2032	0.62	15.72	-

## Total Holdings 1502

⊕ 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 28.77 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 1.3 is 22.64% higher than the Mid-Cap Growth category average.

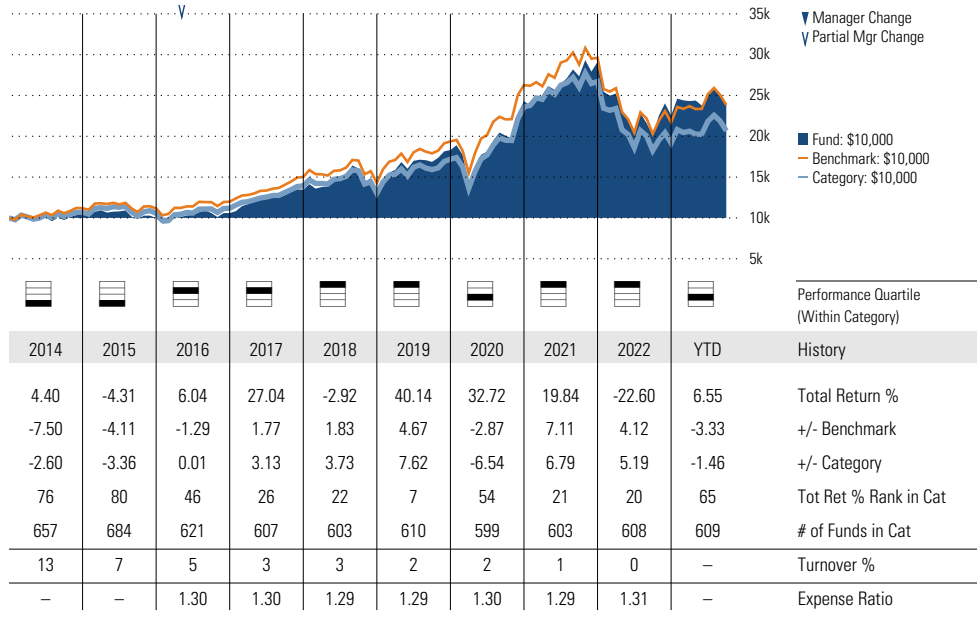
## Morningstar Investment Management LLC Analysis

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.

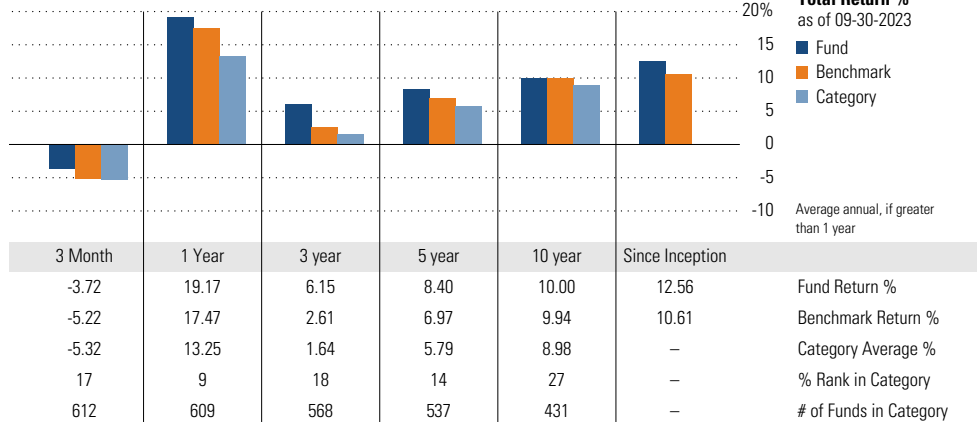
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022

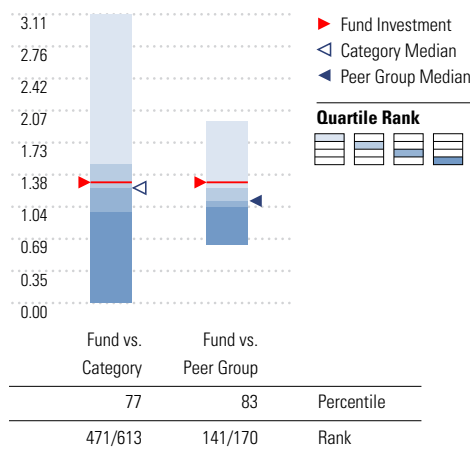
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	3.57	-	-1.41
Beta	0.98	-	0.98
R-Squared	92.04	-	90.19
Standard Deviation	21.66	21.11	22.04
Sharpe Ratio	0.29	0.13	0.07
Tracking Error	6.12	-	6.86
Information Ratio	0.58	-	-0.38
Up Capture Ratio	105.26	-	96.49
Down Capture Ratio	93.21	-	102.58

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	27.13	26.49	27.73
Price/Book Ratio	4.53	7.98	5.01
Geom Avg Mkt Cap \$B	14.21	21.22	20.35
ROE	26.83	22.49	15.69

# Baron Growth Retail BGRFX

Morningstar Category

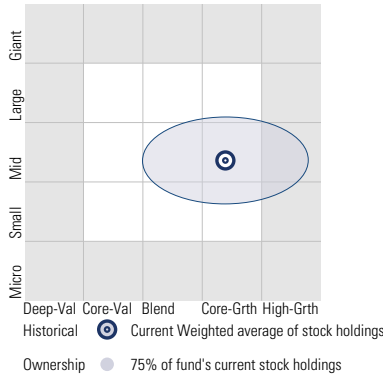
Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

## Style Analysis as of 09-30-2023

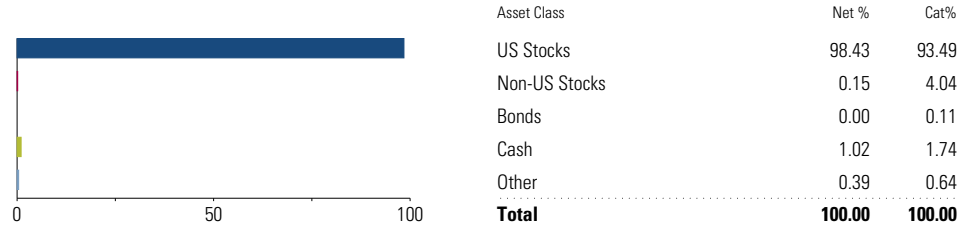
Morningstar Style Box™



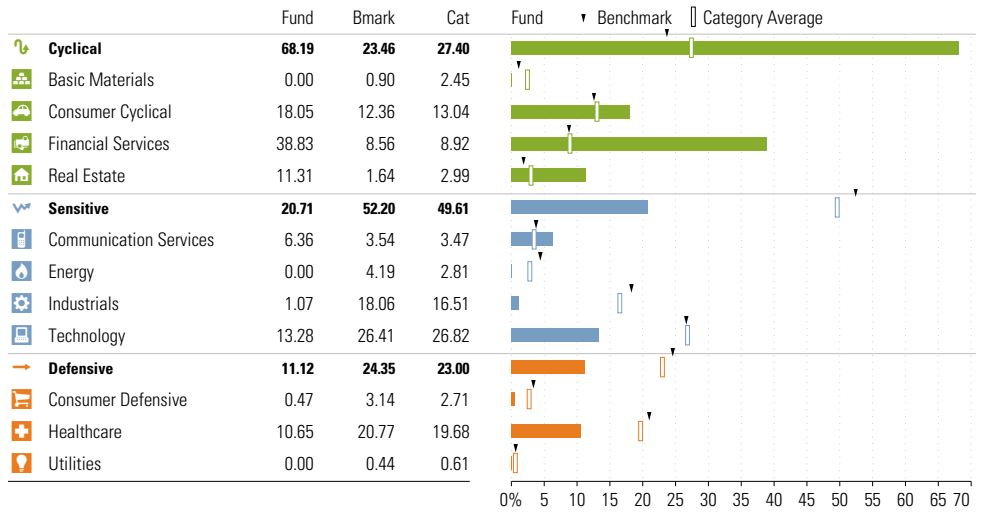
## Style Breakdown



## Asset Allocation as of 09-30-2023



## Sector Weighting as of 09-30-2023



## Top 15 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
MSCI Inc	9.16	9.16	11.19	Financial Services
Arch Capital Group Ltd	8.74	17.91	26.97	Financial Services
Gartner Inc	6.82	24.73	2.22	Technology
Vail Resorts Inc	6.49	31.22	-5.18	Consumer Cyclical
Iridium Communications Inc	6.27	37.48	-10.74	Communication Svc
FactSet Research Systems Inc	6.20	43.68	9.70	Financial Services
CoStar Group Inc	5.92	49.60	-0.50	Real Estate
Kinsale Capital Group Inc	4.82	54.42	58.52	Financial Services
Choice Hotels International Inc	4.49	58.91	9.53	Consumer Cyclical
Ansys Inc	4.26	63.17	23.16	Technology
Primerica Inc	3.82	67.00	38.18	Financial Services
IDEXX Laboratories Inc	3.43	70.43	7.18	Healthcare
Gaming and Leisure Properties Inc	3.36	73.79	-7.91	Real Estate
Bio-Techne Corp	3.09	76.88	-17.58	Healthcare
West Pharmaceutical Services Inc	2.37	79.25	59.67	Healthcare

Total Holdings 46

⊕ 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)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 13.76 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.94 is 5.62% higher than the High Yield Bond category average.

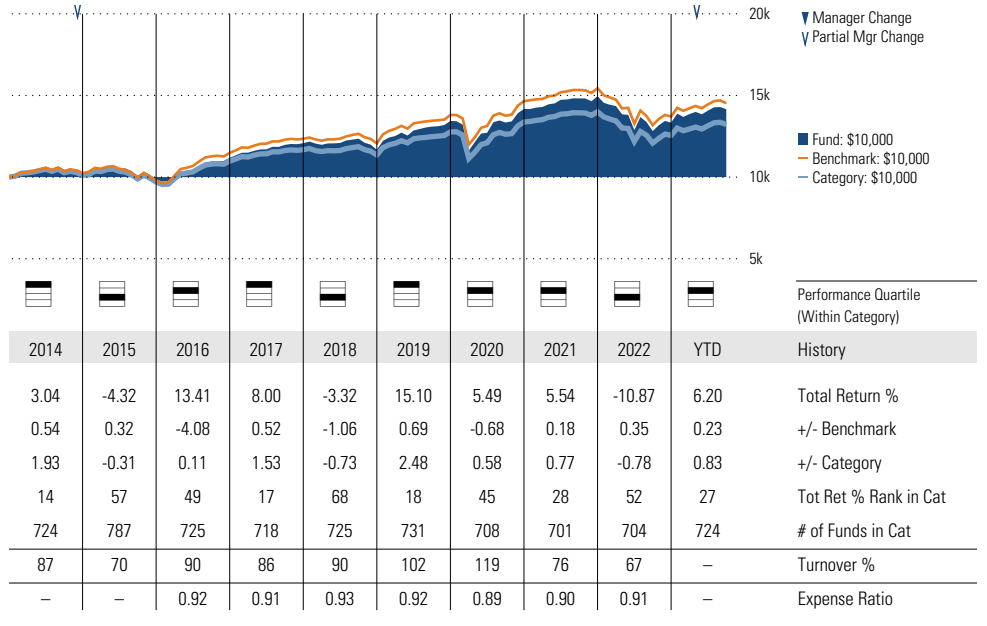
## Morningstar Investment Management LLC Analysis

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.

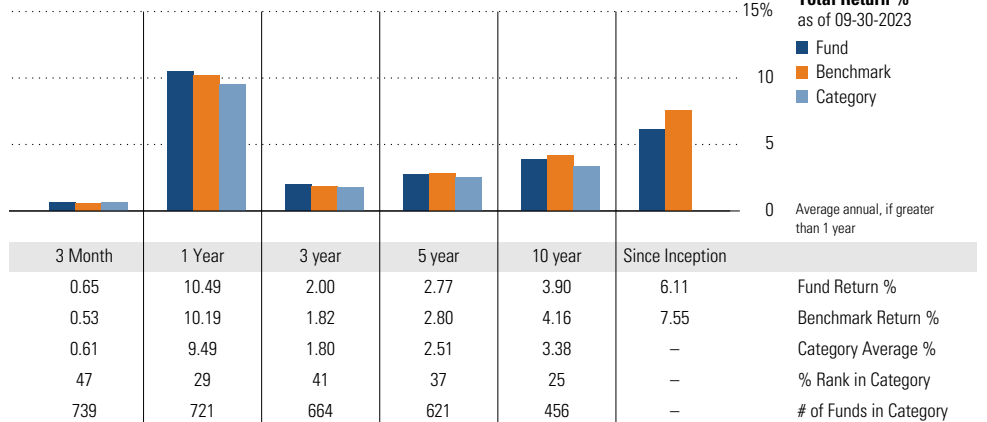
## ESG Metrics

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

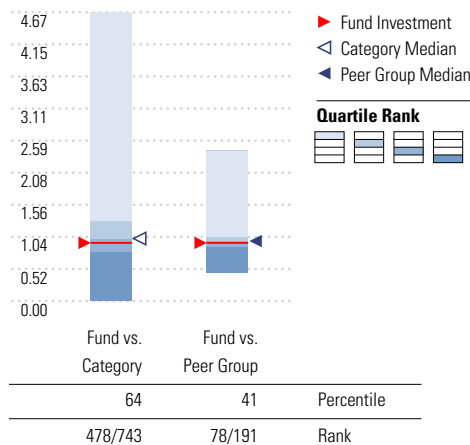
## Growth of \$10,000



## Trailing Performance



## Net Expense



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	0.18	-	0.09
Beta	1.00	-	0.90
R-Squared	99.37	-	93.92
Standard Deviation	8.19	8.13	7.53
Sharpe Ratio	0.03	0.01	0.01
Tracking Error	0.65	-	1.89
Information Ratio	0.28	-	-0.23
Up Capture Ratio	99.81	-	90.23
Down Capture Ratio	97.82	-	89.28

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	3.39	-	3.29
Avg Eff Maturity	5.43	-	4.97

# BlackRock High Yield Bond Inv A BHYAX

**Morningstar Category**  
High Yield Bond

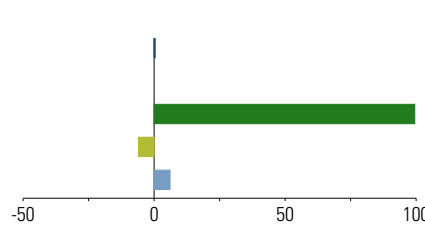
**Morningstar Index**  
ICE BofA US High Yield TR USD

## Style Analysis as of 09-30-2023

### Style Breakdown



## Asset Allocation as of 09-30-2023

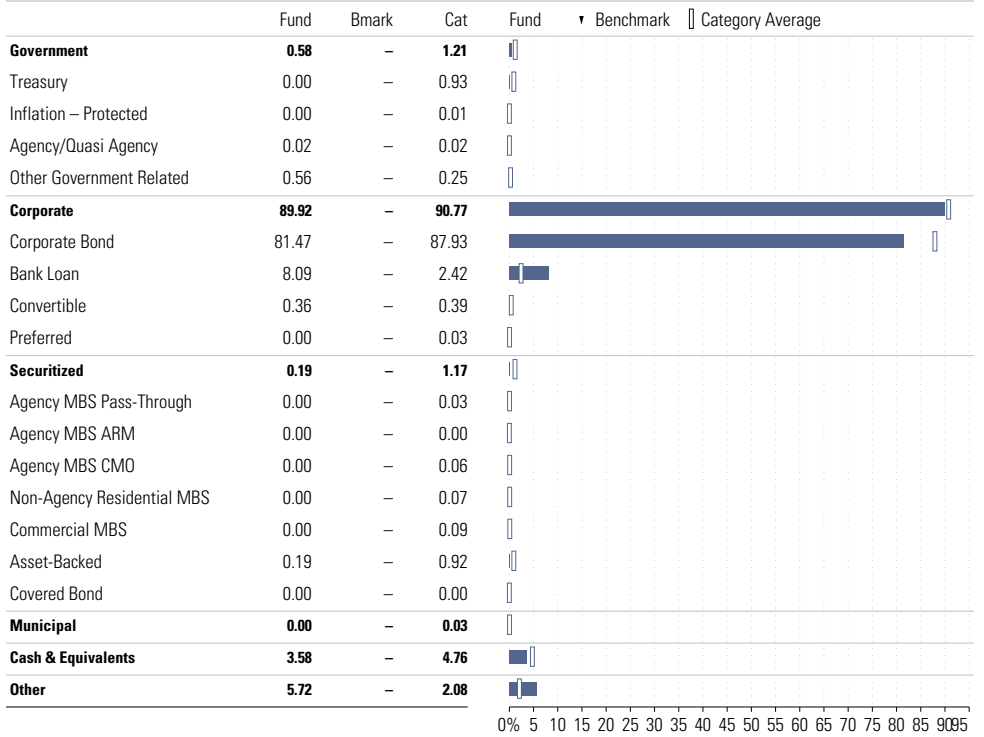


Asset Class	Net %	Cat%
US Stocks	0.41	0.60
Non-US Stocks	0.00	0.13
Bonds	99.49	94.59
Cash	-5.97	3.17
Other	6.08	1.50
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	0.00	-	2.28
AA	0.00	-	0.12
A	0.52	-	0.35
BBB	7.13	-	6.05
BB	29.51	-	40.00
B	47.50	-	37.20
Below B	13.76	-	11.37
Not Rated	1.57	-	2.63

## Sector Weighting as of 09-30-2023



## Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
✳ Cash Offset	-	7.50	7.50	-
⊕ BlackRock Liquidity T-Fund Instl	-	3.51	11.00	-
⊕ ICE: (CDX.NA.HY.40.V1)	06-2028	3.01	14.01	-
⊖ USD CASH(Committed)	09-2023	1.56	15.57	-
TransDigm, Inc.	03-2026	1.52	17.10	-
⊕ EUR/USD Purchased	09-2023	1.40	18.49	-
⊖ EUR/USD Purchased	09-2023	1.38	19.87	-
⊕ iShares iBoxx \$ High Yield Corp Bd ETF	-	1.14	21.01	-
⊕ Tibco Software Inc	03-2029	0.87	21.88	-
Mauser Packaging Solutions Holding Company	08-2026	0.85	22.73	-

**Total Holdings 1671**

⊕ 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 33.33% lower than the Large Blend category average.

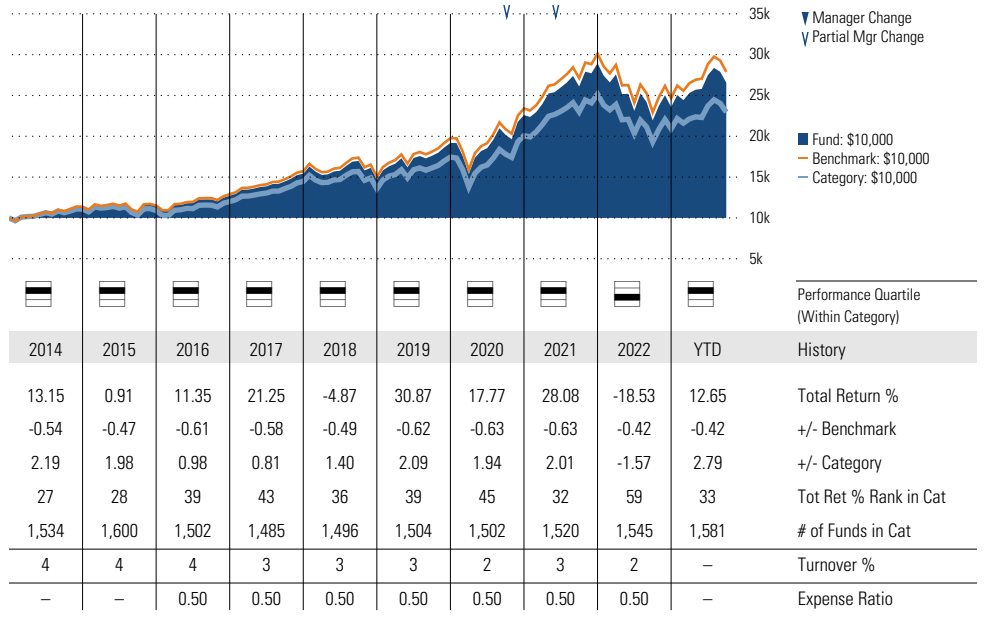
## Morningstar Investment Management LLC Analysis

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

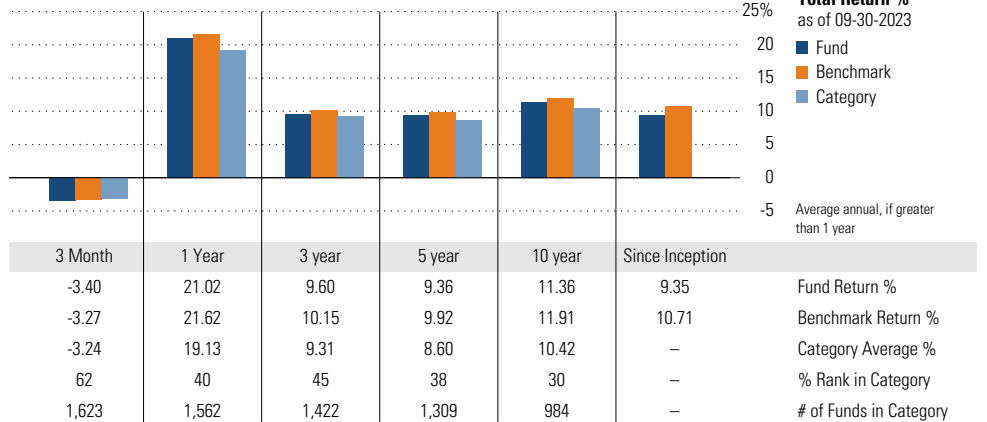
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022

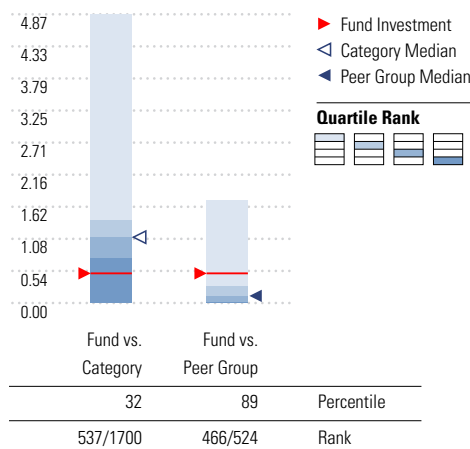
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.50	-	-0.66
Beta	1.00	-	0.95
R-Squared	100.00	-	94.61
Standard Deviation	17.86	17.85	17.40
Sharpe Ratio	0.49	0.52	0.45
Tracking Error	0.04	-	3.74
Information Ratio	-15.28	-	-1.15
Up Capture Ratio	99.08	-	93.16
Down Capture Ratio	100.99	-	95.77

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	23.33	22.40	22.25
Price/Book Ratio	4.10	3.98	4.46
Geom Avg Mkt Cap \$B	229.55	228.69	275.77
ROE	29.38	30.76	29.52

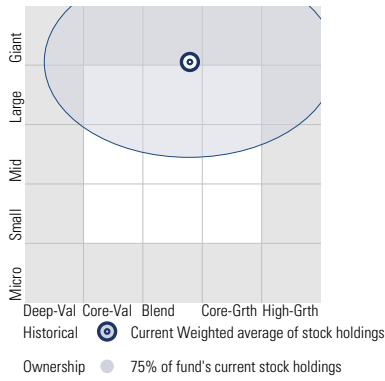
# BNY Mellon S&P 500 Index PEOPX

**Morningstar Category**  
Large Blend

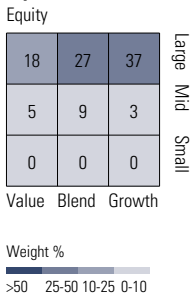
**Morningstar Index**  
S&P 500 TR USD

## Style Analysis as of 09-30-2023

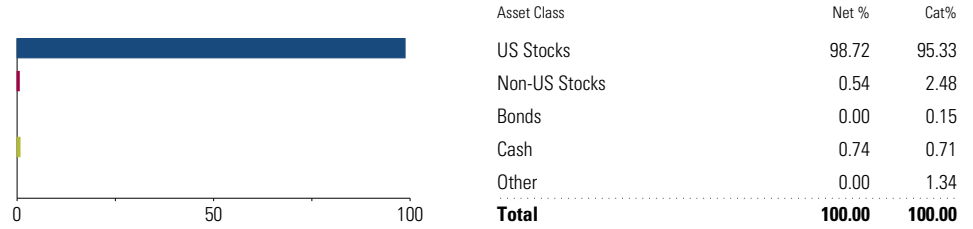
Morningstar Style Box™



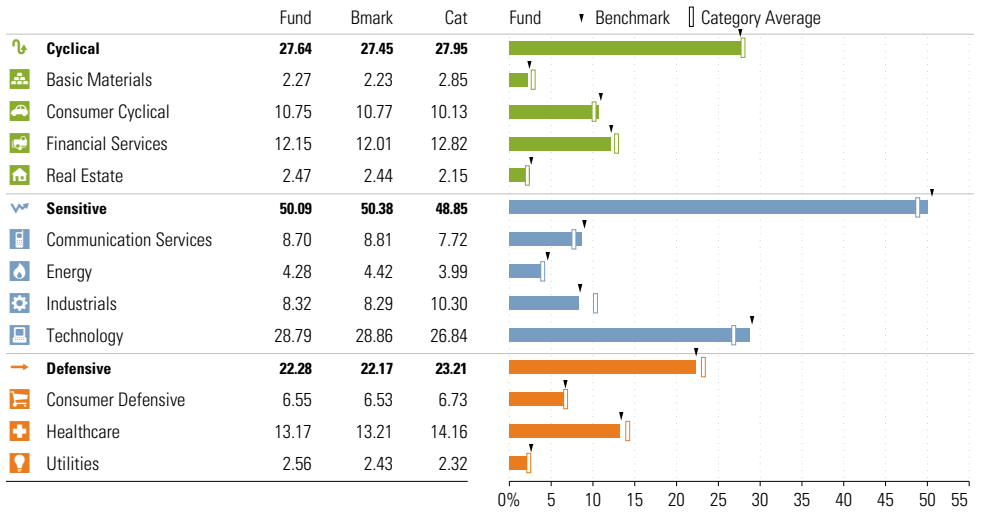
## Style Breakdown



## Asset Allocation as of 09-30-2023



## Sector Weighting as of 09-30-2023



## Top 15 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Apple Inc	7.46	7.46	32.32	Technology
Microsoft Corp	6.41	13.87	32.51	Technology
Amazon.com Inc	3.06	16.94	51.33	Consumer Cyclical
NVIDIA Corp	2.97	19.90	197.74	Technology
Alphabet Inc Class A	2.02	21.93	48.32	Communication Svc
Tesla Inc	1.85	23.78	103.13	Consumer Cyclical
Meta Platforms Inc Class A	1.81	25.59	149.47	Communication Svc
Alphabet Inc Class C	1.75	27.33	48.60	Communication Svc
Berkshire Hathaway Inc Class B	1.61	28.95	13.40	Financial Services
UnitedHealth Group Inc	1.21	30.16	-3.88	Healthcare
JPMorgan Chase & Co	1.19	31.34	10.38	Financial Services
Johnson & Johnson	1.12	32.46	-9.84	Healthcare
Exxon Mobil Corp	1.11	33.57	9.08	Energy
Visa Inc Class A	0.99	34.56	11.36	Financial Services
Broadcom Inc	0.96	35.52	51.02	Technology

**Total Holdings 505**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Delaware Small Cap Value A DEV LX

**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 11.25 years.

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

✔ **Net Expense:** The fund's expense ratio of 1.11 is 0.89% lower than the Small Value category average.

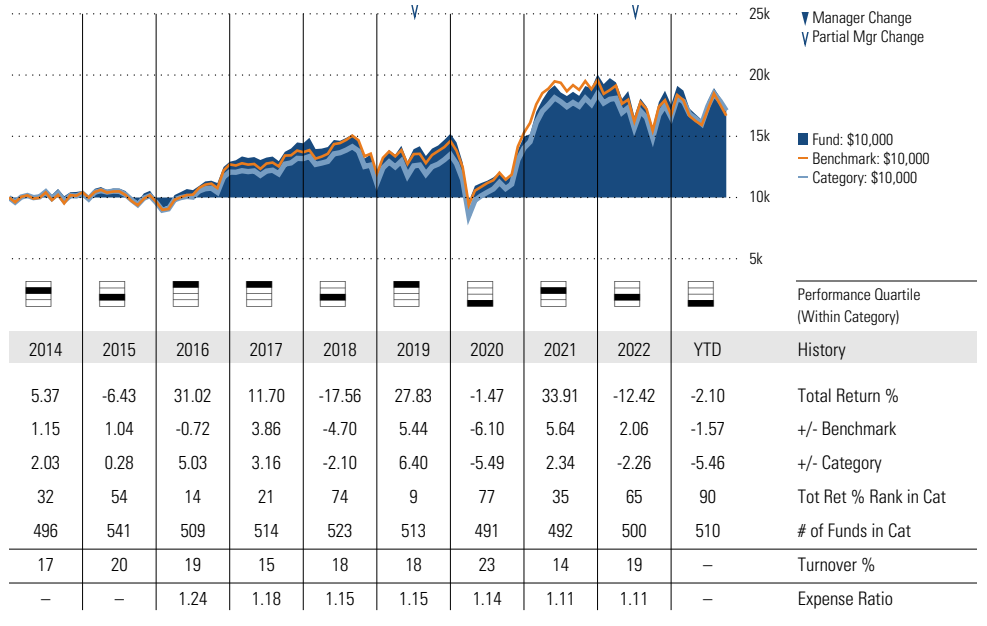
## Morningstar Investment Management LLC Analysis

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

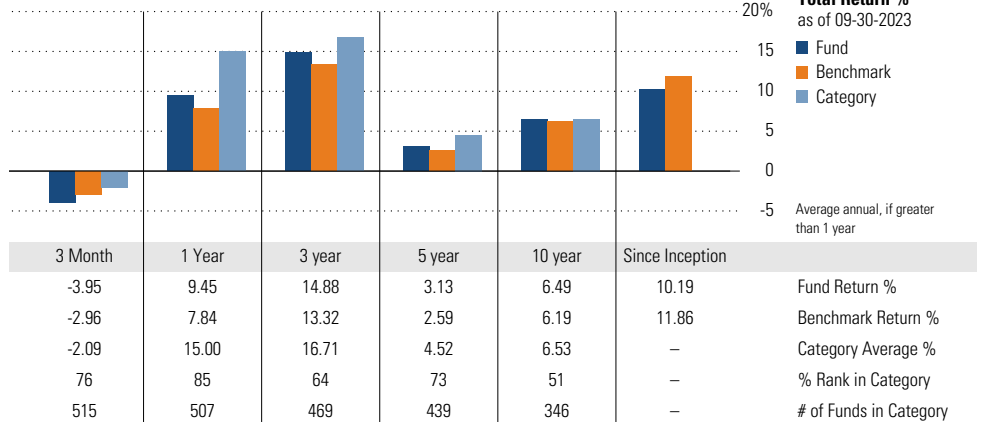
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Medium Risk	12-31-2022

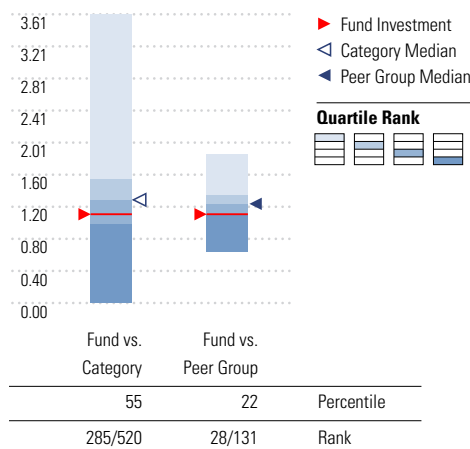
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.87	-	3.37
Beta	0.97	-	0.94
R-Squared	94.22	-	93.31
Standard Deviation	23.07	23.16	22.57
Sharpe Ratio	0.62	0.56	0.69
Tracking Error	5.60	-	5.97
Information Ratio	0.28	-	0.51
Up Capture Ratio	100.54	-	98.85
Down Capture Ratio	95.70	-	88.84

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	11.22	9.46	11.18
Price/Book Ratio	1.63	1.23	1.61
Geom Avg Mkt Cap \$B	4.45	1.89	4.32
ROE	16.97	7.74	15.96

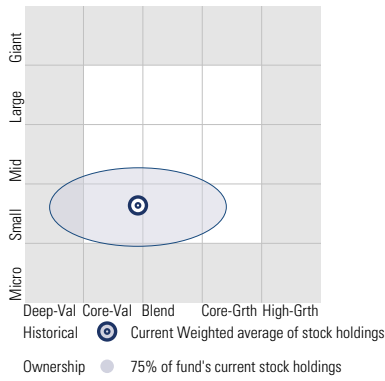
# Delaware Small Cap Value A DEVLX

**Morningstar Category**  
Small Value

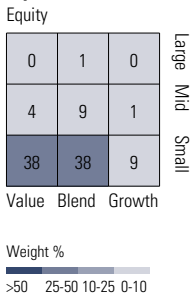
**Morningstar Index**  
Russell 2000 Value TR USD

## Style Analysis as of 09-30-2023

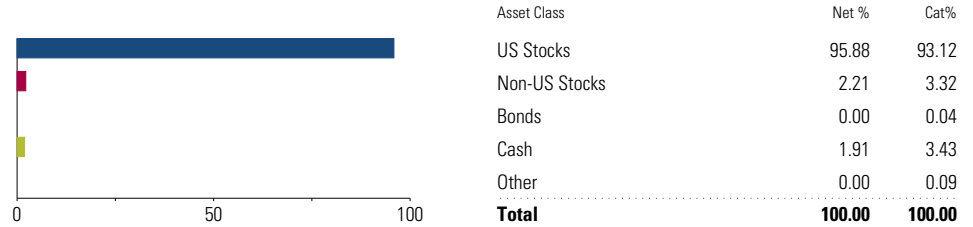
Morningstar Style Box™



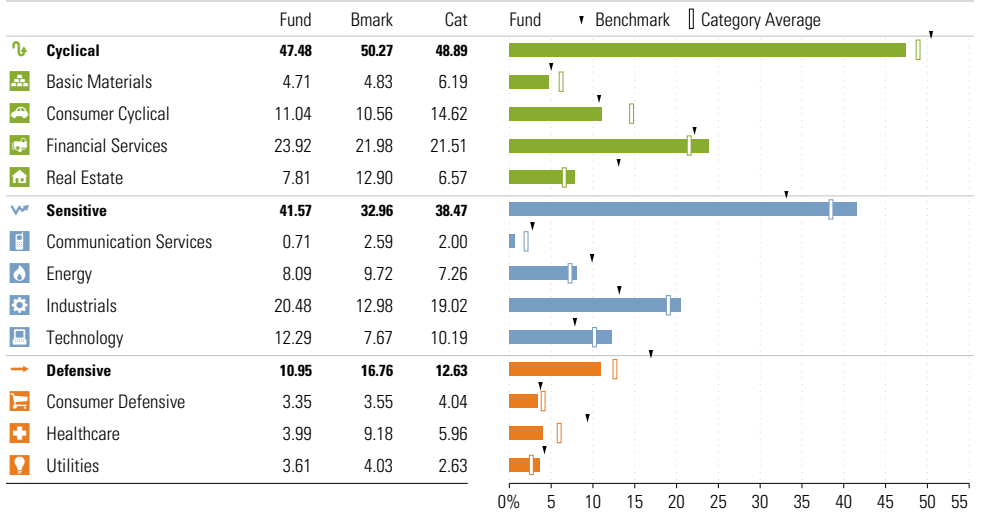
## Style Breakdown



## Asset Allocation as of 09-30-2023



## Sector Weighting as of 09-30-2023



## Top 15 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ MasTec Inc	2.00	2.00	-15.66	Industrials
⊖ Atkore Inc	1.97	3.97	31.54	Industrials
⊖ IIT Inc	1.80	5.77	21.80	Industrials
⊖ Webster Financial Corp	1.74	7.51	-12.32	Financial Services
⊖ Hancock Whitney Corp	1.67	9.18	-21.70	Financial Services
⊖ Valley National Bancorp	1.66	10.84	-21.40	Financial Services
⊖ Stifel Financial Corp	1.61	12.45	7.11	Financial Services
⊖ F N B Corp	1.49	13.93	-14.56	Financial Services
⊖ Meritage Homes Corp	1.42	15.35	33.62	Consumer Cyclical
⊖ Flex Ltd	1.41	16.77	25.72	Technology
⊖ Louisiana-Pacific Corp	1.36	18.13	-5.42	Industrials
⊖ East West Bancorp Inc	1.36	19.48	-17.83	Financial Services
⊖ Power Integrations Inc	1.33	20.82	7.19	Technology
⊖ Berry Global Group Inc	1.31	22.13	3.69	Consumer Cyclical
⊖ H.B. Fuller Co	1.27	23.39	-3.36	Basic Materials

**Total Holdings 106**

⊕ 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  
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 13.59 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 0.28 is 71.13% lower than the Foreign Large Value category average.

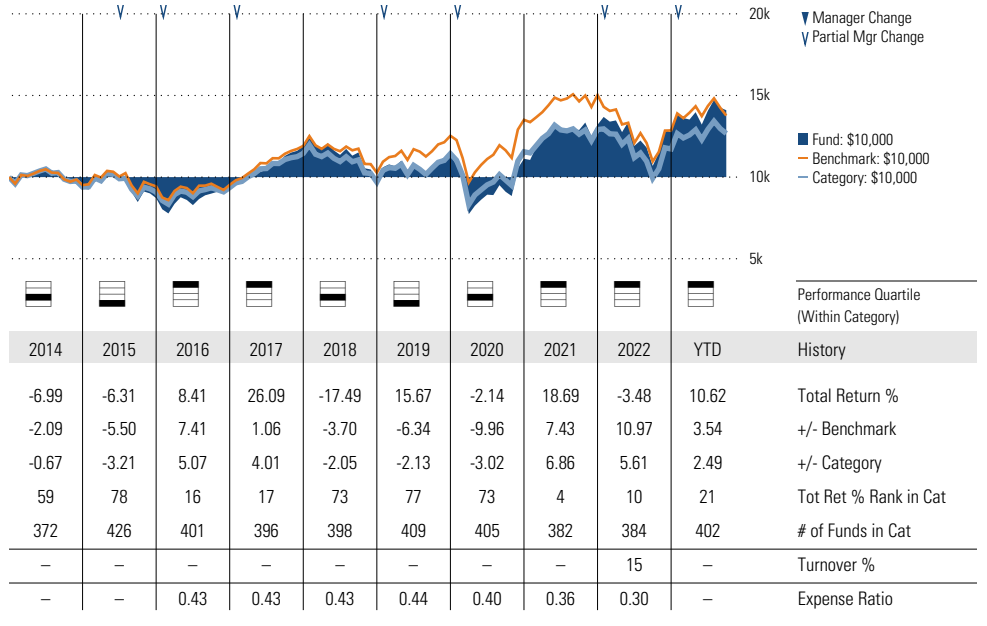
## Morningstar Investment Management LLC Analysis

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.

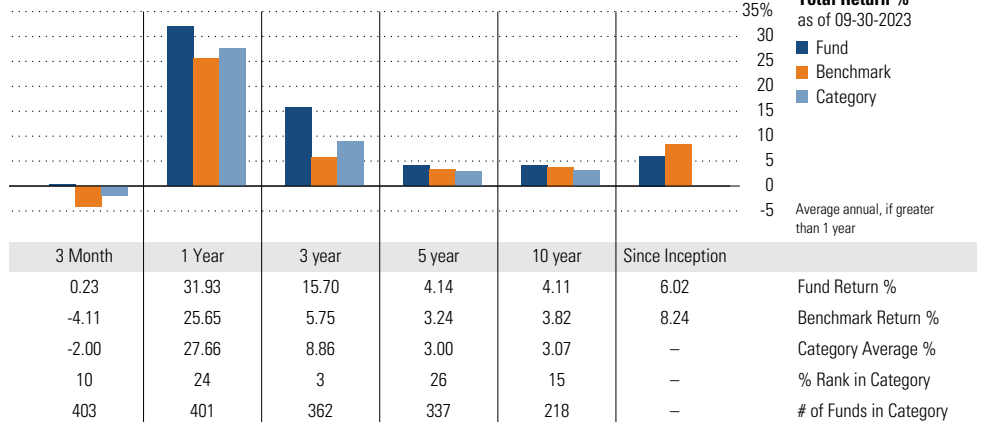
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	1	08-31-2023
Carbon Risk Score	Medium Risk	12-31-2022

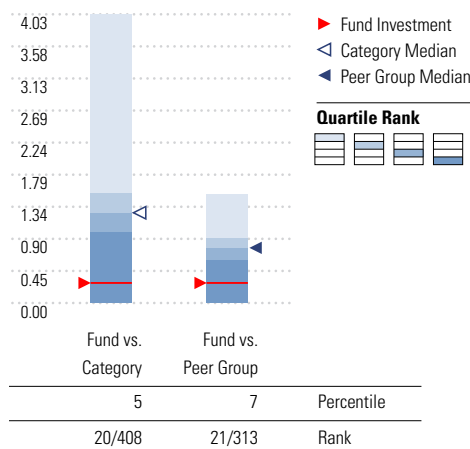
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	9.14	-	3.13
Beta	1.05	-	0.99
R-Squared	85.91	-	89.42
Standard Deviation	20.62	18.23	19.11
Sharpe Ratio	0.71	0.28	0.43
Tracking Error	7.79	-	6.38
Information Ratio	1.28	-	0.49
Up Capture Ratio	119.11	-	103.27
Down Capture Ratio	82.71	-	91.00

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	8.93	13.87	10.37
Price/Book Ratio	1.00	1.69	1.28
Geom Avg Mkt Cap \$B	32.89	47.39	36.88
ROE	12.21	18.84	15.89

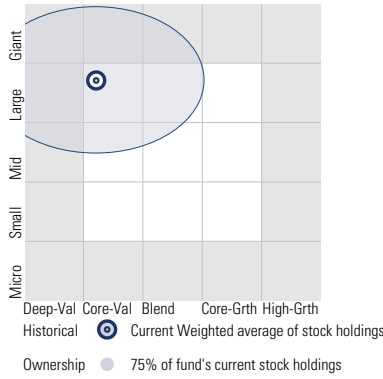
# DFA International Value I DFIVX

**Morningstar Category**  
Foreign Large Value

**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 09-30-2023

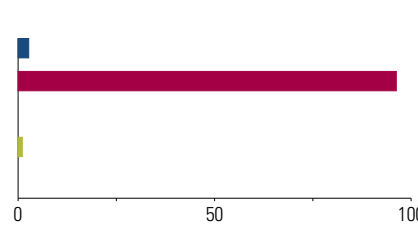
Morningstar Style Box™



## Style Breakdown

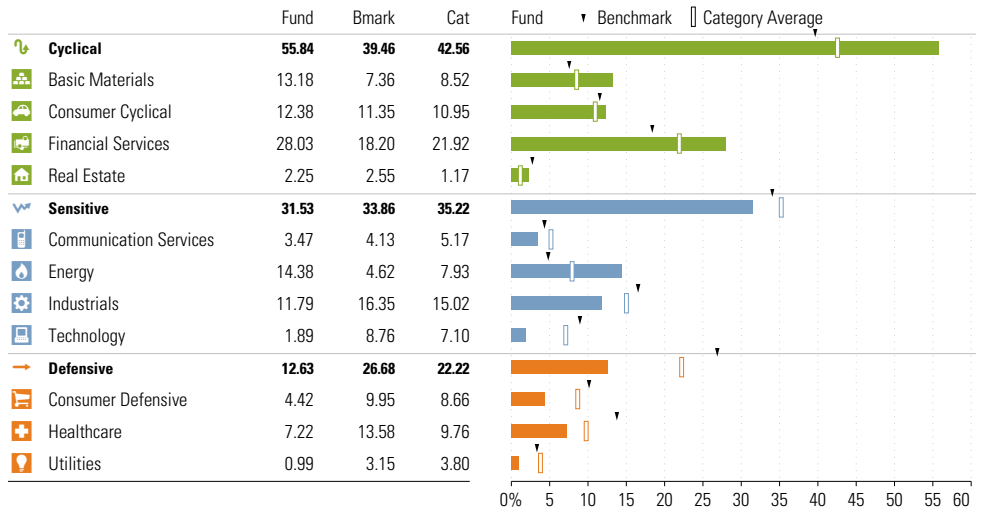


## Asset Allocation as of 09-30-2023



Asset Class	Net %	Cat%
US Stocks	2.70	3.43
Non-US Stocks	96.23	94.75
Bonds	0.00	0.04
Cash	1.07	1.54
Other	0.00	0.22
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2023



## World Regions % Equity 09-30-2023



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	31.01	30.58	Americas	11.38	9.36	Greater Europe	57.61	60.05	Developed Markets	99.84
Japan	21.20	16.72	North America	11.38	8.12	United Kingdom	12.80	17.06	Emerging Markets	0.16
Australasia	6.73	3.68	Central/Latin	0.00	1.24	W euro-ex UK	44.32	42.12	Not Available	0.00
Asia-4 Tigers	2.92	7.21				Emrgng Europe	0.00	0.11		
Asia-ex 4 Tigers	0.16	2.97				Africa	0.49	0.76		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Shell PLC ADR (Representing - Ordinary Shares)	4.33	4.33	16.23	Energy
⊕ TotalEnergies SE	3.24	7.57	-	Energy
⊕ Mercedes-Benz Group AG	1.64	9.21	-	Consumer Cyclical
⊕ Novartis AG Registered Shares	1.39	10.60	-	Healthcare
⊕ Zurich Insurance Group AG	1.31	11.92	-	Financial Services
⊖ Novartis AG ADR	1.26	13.18	16.14	Healthcare
⊖ UBS Group AG	1.26	14.44	-	Financial Services
⊕ Banco Santander SA	1.13	15.57	-	Financial Services
⊕ Bank of Nova Scotia	1.11	16.68	-3.53	Financial Services
⊕ Bayer AG	1.09	17.77	-	Healthcare

**Total Holdings 545**

⊕ 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 33.06 years.

✔ **Style:** The fund has landed in its primary style box — Large Growth — 93.33 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.55 is 41.49% lower than the Large Growth category average.

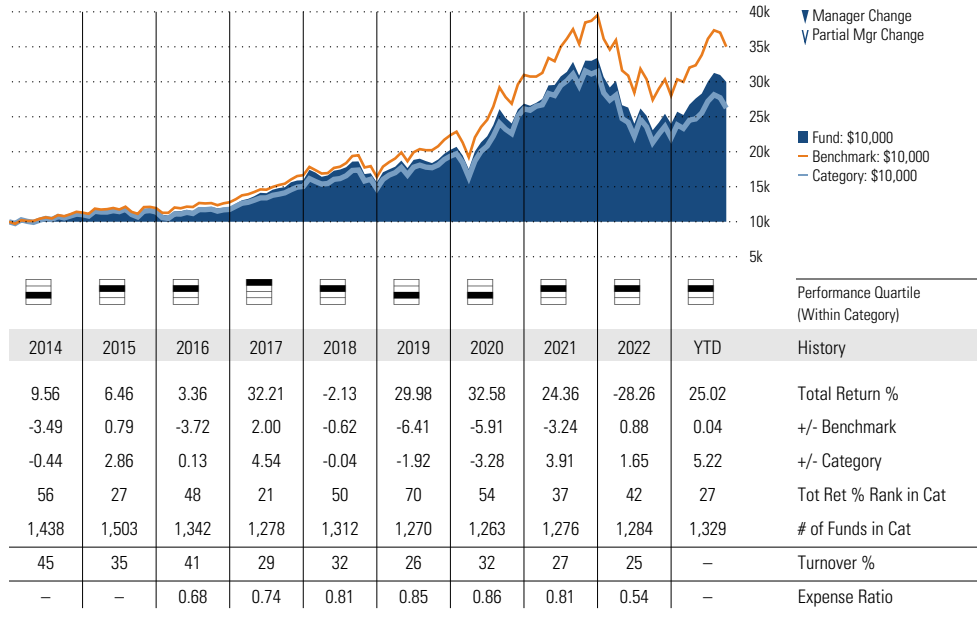
## Morningstar Investment Management LLC Analysis

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

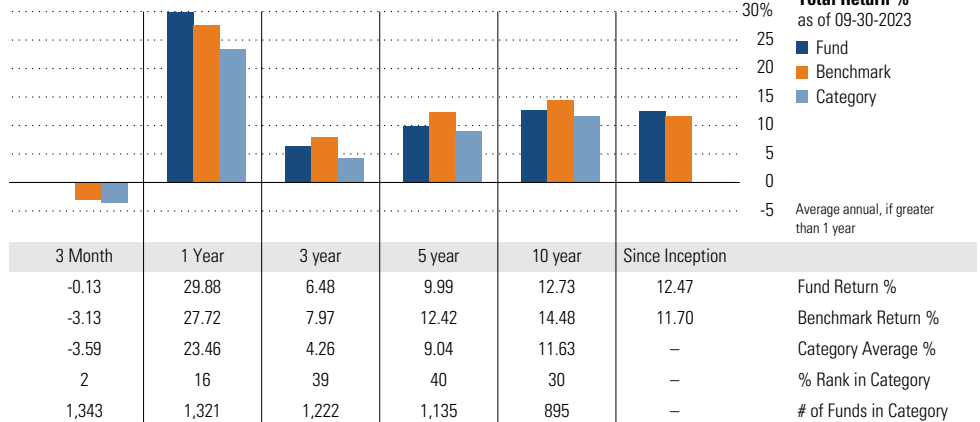
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	1	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

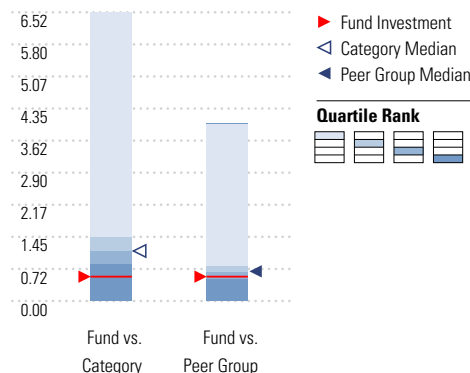
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.57	-	-3.72
Beta	0.87	-	0.97
R-Squared	96.22	-	91.78
Standard Deviation	18.46	20.81	21.20
Sharpe Ratio	0.32	0.37	0.20
Tracking Error	4.49	-	6.04
Information Ratio	-0.33	-	-0.75
Up Capture Ratio	86.62	-	87.74
Down Capture Ratio	88.64	-	100.10

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	26.37	32.24	30.95
Price/Book Ratio	4.35	10.54	7.97
Geom Avg Mkt Cap \$B	363.22	399.08	418.79
ROE	25.12	39.31	33.78

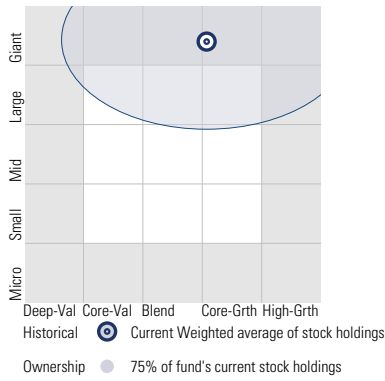
# Fidelity® Contrafund® FCNTX

**Morningstar Category**  
Large Growth

**Morningstar Index**  
Russell 1000 Growth TR USD

## Style Analysis as of 09-30-2023

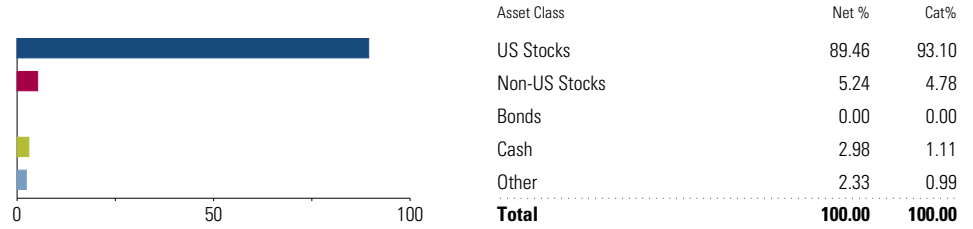
Morningstar Style Box™



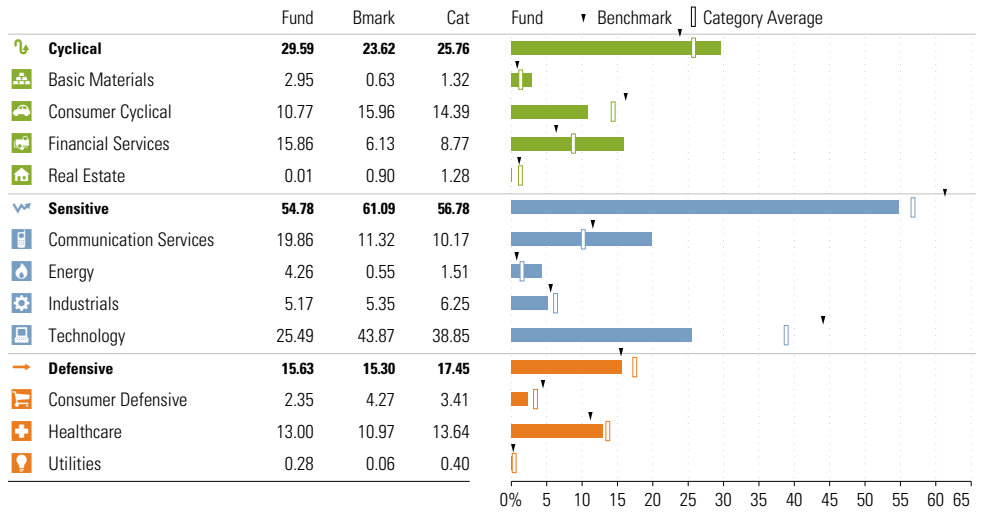
## Style Breakdown



## Asset Allocation as of 09-30-2023



## Sector Weighting as of 09-30-2023



## Top 15 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Meta Platforms Inc Class A	11.78	11.78	149.47	Communication Svc
⊖ Berkshire Hathaway Inc Class A	8.98	20.76	13.39	Financial Services
Microsoft Corp	6.50	27.26	32.51	Technology
Amazon.com Inc	5.79	33.04	51.33	Consumer Cyclical
⊖ Apple Inc	4.81	37.85	32.32	Technology
⊕ NVIDIA Corp	4.12	41.97	197.74	Technology
⊖ UnitedHealth Group Inc	3.89	45.86	-3.88	Healthcare
⊖ Fidelity Revere Str Tr	2.91	48.77	—	—
⊕ Alphabet Inc Class A	2.63	51.40	48.32	Communication Svc
⊕ Alphabet Inc Class C	2.25	53.65	48.60	Communication Svc
⊖ Eli Lilly and Co	2.21	55.86	47.75	Healthcare
⊖ Regeneron Pharmaceuticals Inc	1.75	57.61	14.06	Healthcare
⊖ Amphenol Corp Class A	1.67	59.29	11.14	Technology
⊖ Netflix Inc	1.59	60.88	28.05	Communication Svc
⊕ Visa Inc Class A	1.41	62.29	11.36	Financial Services

**Total Holdings 363**

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

✔ **Management:** The fund's management has been in place for 12.84 years.

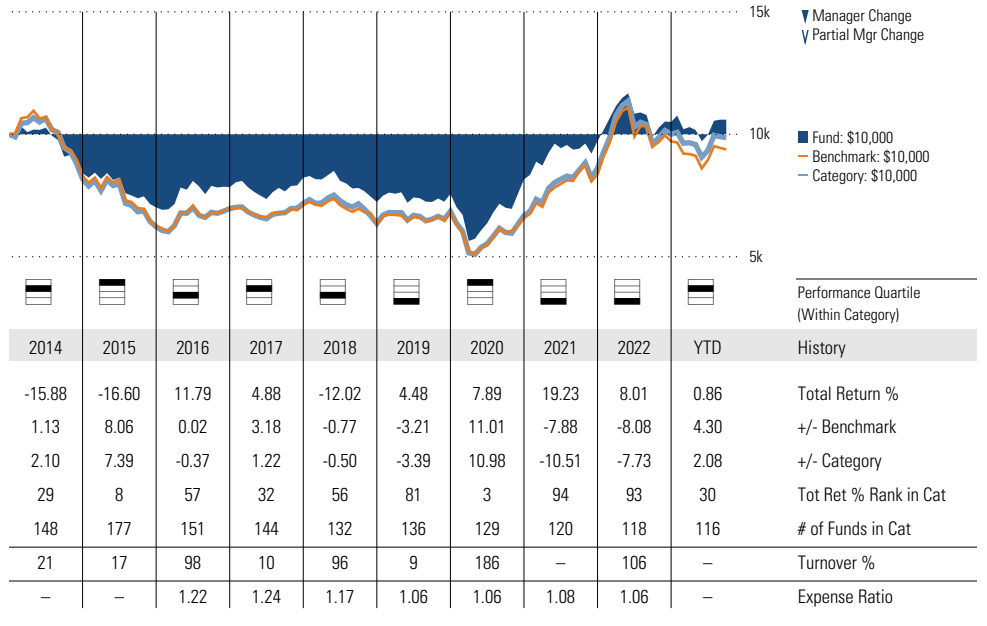
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 1.15 is 9.52% higher than the Commodities Broad Basket category average.

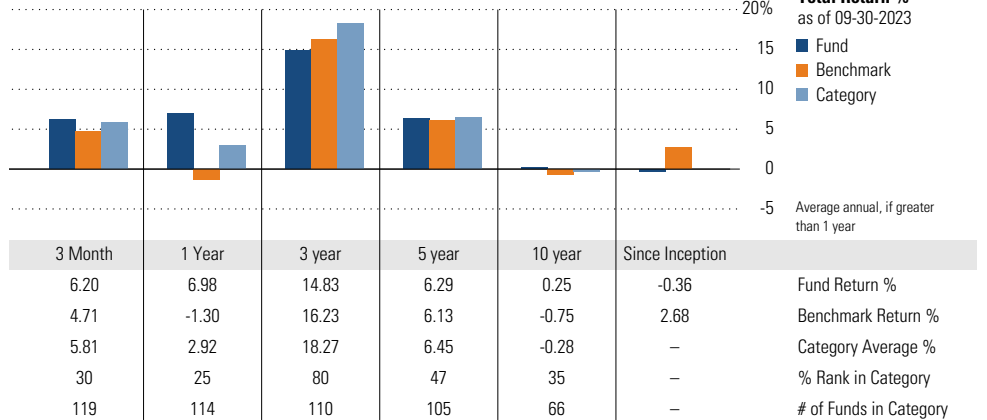
## Morningstar Investment Management LLC Analysis

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.

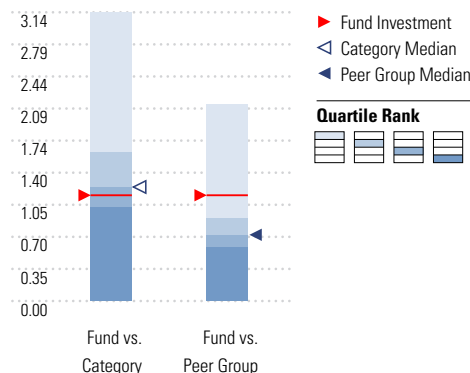
## Growth of \$10,000



## 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	2.56	-	1.67
Beta	0.75	-	0.99
R-Squared	74.45	-	87.55
Standard Deviation	13.87	15.98	16.87
Sharpe Ratio	0.91	0.89	0.92
Tracking Error	8.08	-	5.47
Information Ratio	-0.17	-	0.11
Up Capture Ratio	79.94	-	101.07
Down Capture Ratio	69.16	-	93.74

## Portfolio Metrics

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

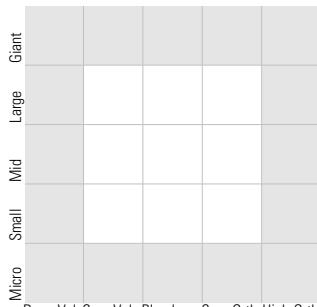
# Invesco Balanced-Risk Commodity Strat Y BRCYX

**Morningstar Category**  
Commodities Broad Basket

**Morningstar Index**  
Bloomberg Commodity TR USD

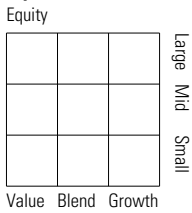
## Style Analysis as of 09-30-2023

Morningstar Style Box™



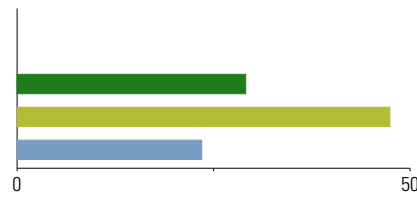
Deep-Val Core-Val Blend Core-Grth High-Grth  
 Historical  Current Weighted average of stock holdings  
 Ownership  75% of fund's current stock holdings

## Style Breakdown



Weight %  
 >50 25-50 10-25 0-10

## Asset Allocation as of 09-30-2023



Asset Class	Net %	Cat%
US Stocks	0.00	0.71
Non-US Stocks	0.00	0.76
Bonds	29.08	37.34
Cash	47.43	45.59
Other	23.49	15.59
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2023

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	-	-	<b>44.68</b>			
Basic Materials	-	-	44.68			
Consumer Cyclical	-	-	0.00			
Financial Services	-	-	0.00			
Real Estate	-	-	0.00			
<b>Sensitive</b>	-	-	<b>51.07</b>			
Communication Services	-	-	0.00			
Energy	-	-	48.94			
Industrials	-	-	2.13			
Technology	-	-	0.00			
<b>Defensive</b>	-	-	<b>4.26</b>			
Consumer Defensive	-	-	4.26			
Healthcare	-	-	0.00			
Utilities	-	-	0.00			

## Top 12 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Invesco Cayman Commodity Fund Iii Hf	23.49	23.49	-	-
⊕ Invesco Shrt-Trm Inv Treasury Instl	17.01	40.51	-	-
⊕ Invesco Shrt-Trm Inv Gov&Agcy Instl	14.89	55.39	-	-
⊕ Invesco Shrt-Trm Inv Liq Assets Instl	10.52	65.91	-	-
United States Treasury Notes 5.31238%	8.80	74.71	-	-
United States Treasury Notes 5.42438%	6.99	81.70	-	-
United States Treasury Notes 5.37238%	6.93	88.64	-	-
Citigroup Global Markets Holdings Inc. 0.1%	5.19	93.82	-	-
Societe Generale S.A. 0.1%	2.66	96.49	-	-
Barclays Bank plc 0.01%	1.95	98.44	-	-
Royal Bank of Canada 0.1%	1.73	100.17	-	-
⊕ Usd Currency Cash	0.17	100.34	-	-

## Total Holdings 12

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Loomis Sayles Global Bond Retail LSGLX

**Morningstar Category**  
Global Bond

**Morningstar Index**  
Bloomberg Gbl Agg Ex USD TR USD

## Portfolio Manager(s)

David Rolley since 09-2000  
Lynda Schweitzer since 02-2007  
Scott Service since 12-2014

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 23.09 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.95 is 7.95% higher than the Global Bond category average.

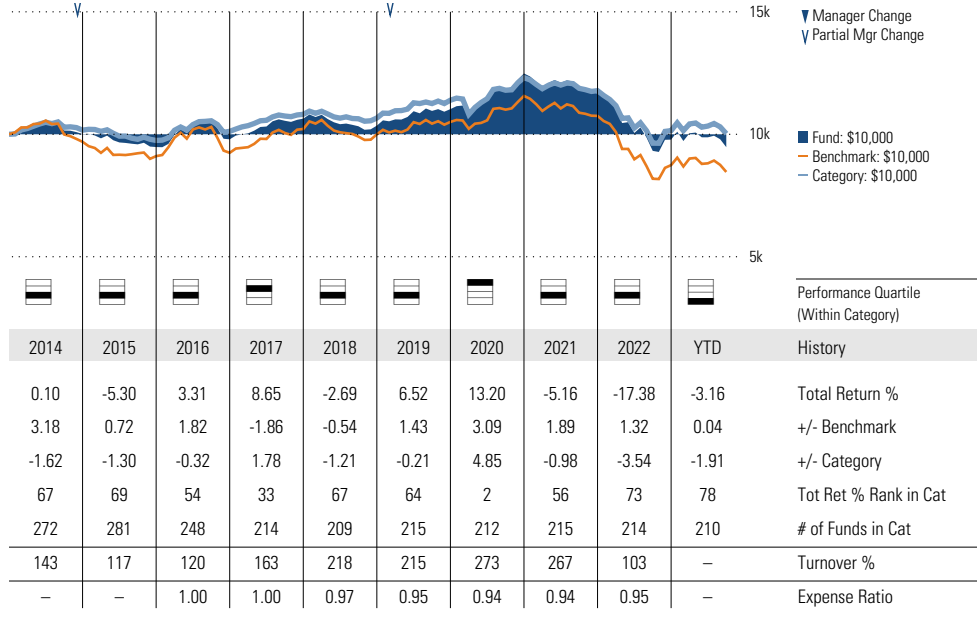
## Morningstar Investment Management LLC Analysis

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.

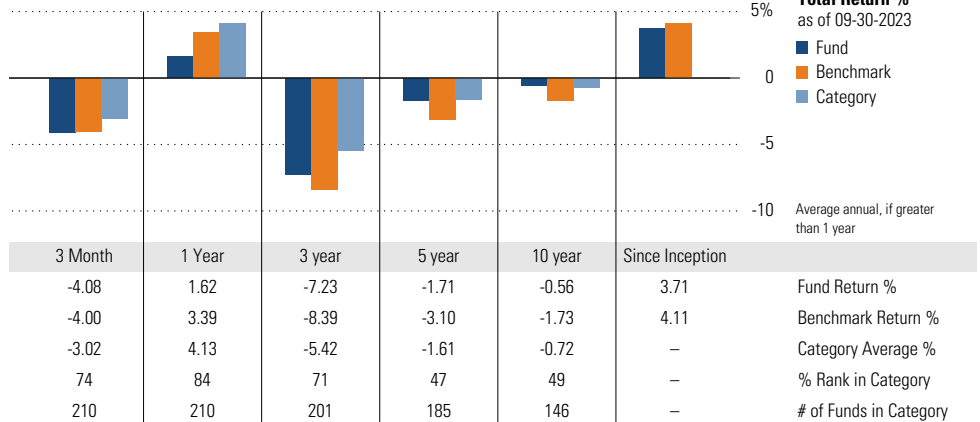
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	08-31-2023

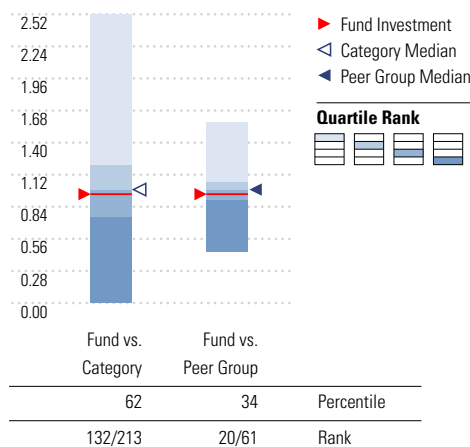
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.26	-	1.10
Beta	0.89	-	0.81
R-Squared	97.70	-	87.60
Standard Deviation	8.60	9.55	8.23
Sharpe Ratio	-1.06	-1.08	-0.94
Tracking Error	1.67	-	3.55
Information Ratio	0.69	-	0.61
Up Capture Ratio	87.09	-	84.28
Down Capture Ratio	86.57	-	76.60

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	6.94	-	6.19
Avg Eff Maturity	8.15	-	8.48

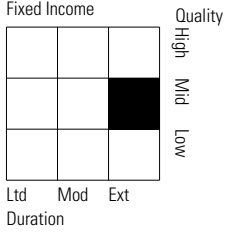
# Loomis Sayles Global Bond Retail LSGLEX

**Morningstar Category**  
Global Bond

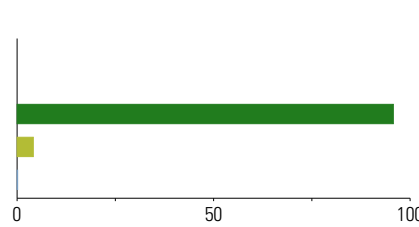
**Morningstar Index**  
Bloomberg Gbl Agg Ex USD TR USD

## Style Analysis as of 09-30-2023

### Style Breakdown



## Asset Allocation as of 09-30-2023

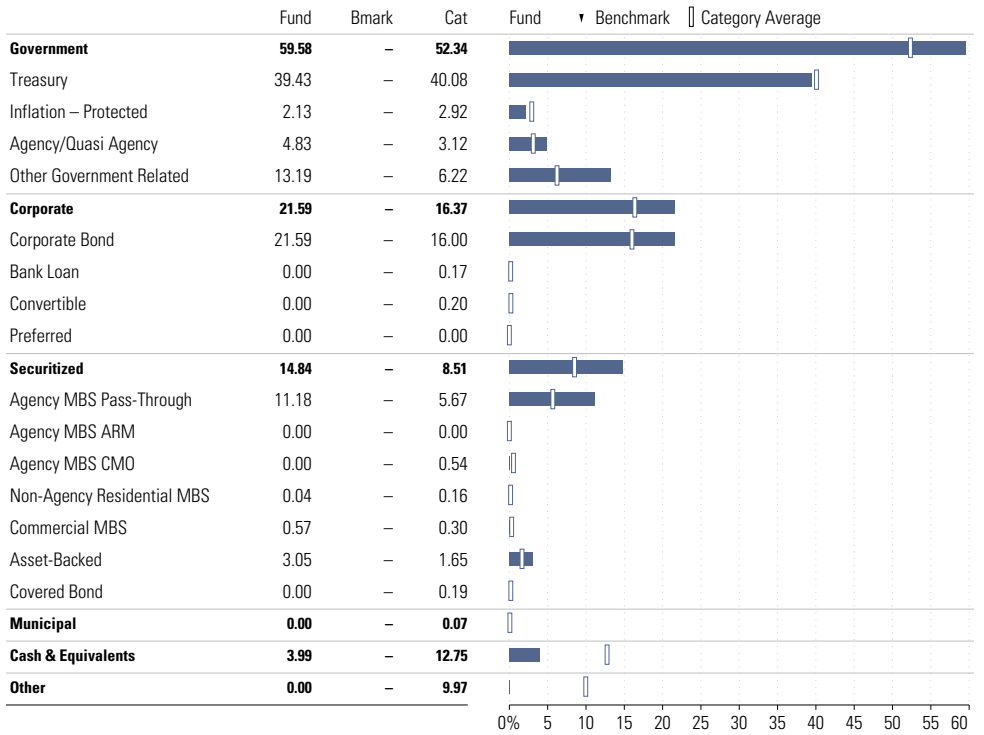


Asset Class	Net %	Cat%
US Stocks	0.00	0.09
Non-US Stocks	0.00	0.07
Bonds	95.73	86.64
Cash	4.12	13.97
Other	0.14	-0.77
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	40.85	-	29.67
AA	9.63	-	13.51
A	19.76	-	18.69
BBB	26.05	-	21.36
BB	4.08	-	7.78
B	0.00	-	3.36
Below B	0.00	-	0.88
Not Rated	-0.38	-	4.75

## Sector Weighting as of 09-30-2023



## Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
Future on 2 Year Treasury Note	09-2023	3.87	3.87	-
Us 5yr Note (Cbt) Sep23 Xcbt 20230929	09-2023	3.75	7.62	-
⊕ Germany (Federal Republic Of) 1%	08-2024	2.69	10.31	-
Germany (Federal Republic Of) 0.01%	02-2030	2.23	12.53	-
⊕ United States Treasury Notes 0.625%	07-2032	2.20	14.73	-
Euro Bobl Future Sept 23	09-2023	2.15	16.87	-
⊖ Germany (Federal Republic Of) 0.25%	08-2028	2.13	19.01	-
⊕ Us Ultra Bond Cbt Sep23 Xcbt 20230920	09-2023	2.01	21.02	-
⊖ South Africa (Republic of) 7%	02-2031	1.98	23.00	-
⊕ Fixed Inc Clearing Corp.Repo	08-2023	1.80	24.80	-

**Total Holdings 255**

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# MFS Conservative Allocation R3 MACNX

**Morningstar Category**  
Moderately Conservative  
Allocation

**Morningstar Index**  
Morningstar US Mod Con Tgt Alloc NR  
USD

## Portfolio Manager(s)

Joseph Flaherty since 06-2002  
Natalie Shapiro since 09-2018  
Benjamin Nastou since 08-2023  
Erich Shigley since 08-2023

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 21.27 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 8.7% lower than the Moderately Conservative Allocation category average.

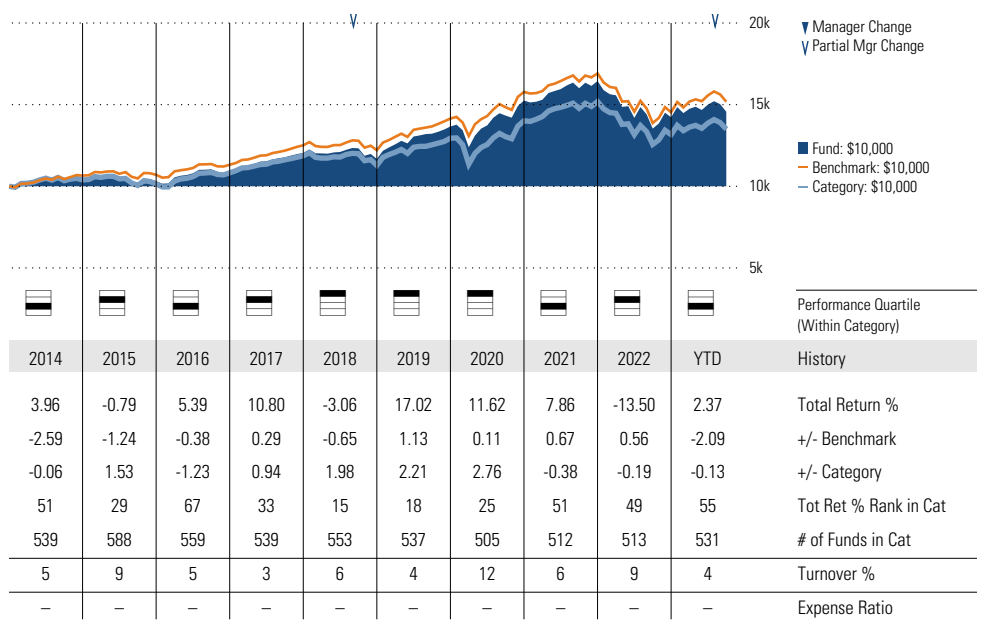
## Morningstar Investment Management LLC Analysis

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

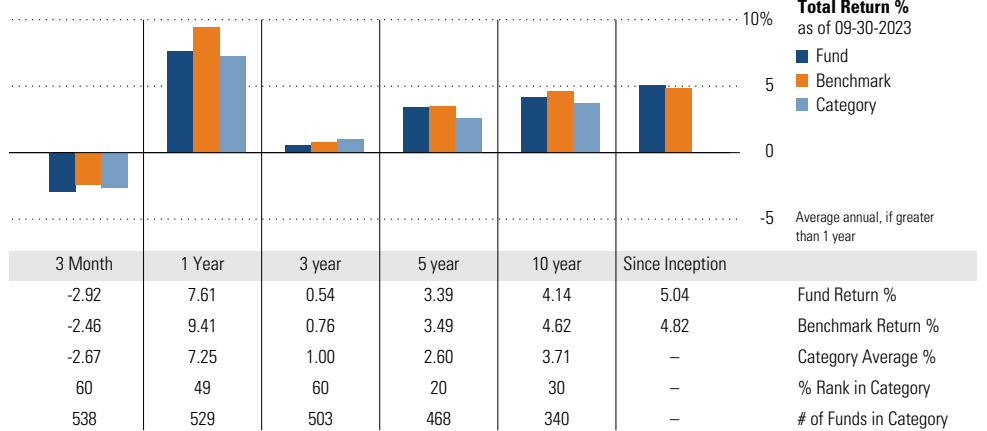
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023

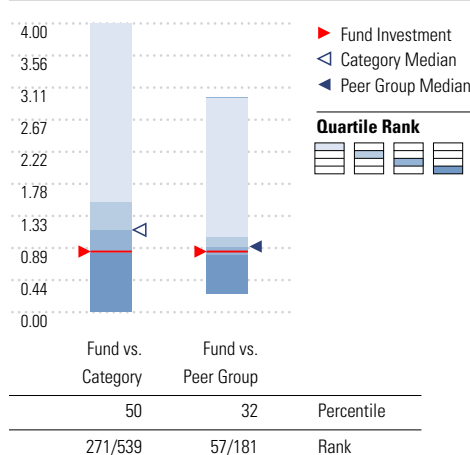
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.21	-	0.28
Beta	1.00	-	0.98
R-Squared	98.83	-	93.35
Standard Deviation	9.52	9.45	9.75
Sharpe Ratio	-0.11	-0.09	-0.06
Tracking Error	1.03	-	2.57
Information Ratio	-0.21	-	0.00
Up Capture Ratio	101.89	-	100.97
Down Capture Ratio	103.62	-	99.50

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	21.21	18.48	18.93
Price/Book Ratio	3.05	2.73	3.00
Avg Eff Duration	5.60	6.12	5.29

# MFS Conservative Allocation R3 MACNX

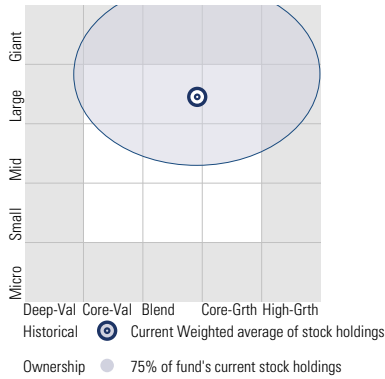
**Morningstar Category**  
Moderately Conservative

**Morningstar Index**  
Morningstar US Mod Con Tgt Alloc NR USD

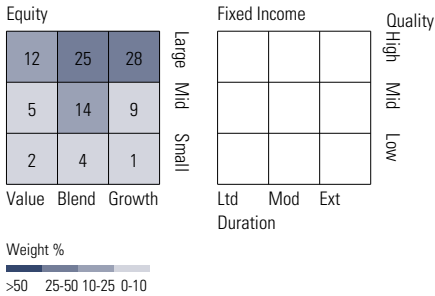
Allocation

## Style Analysis as of 09-30-2023

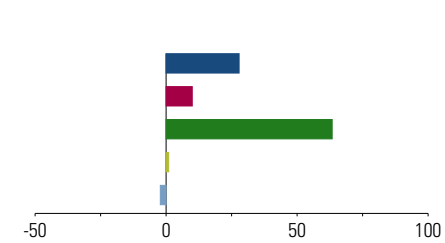
Morningstar Style Box™



## Style Breakdown

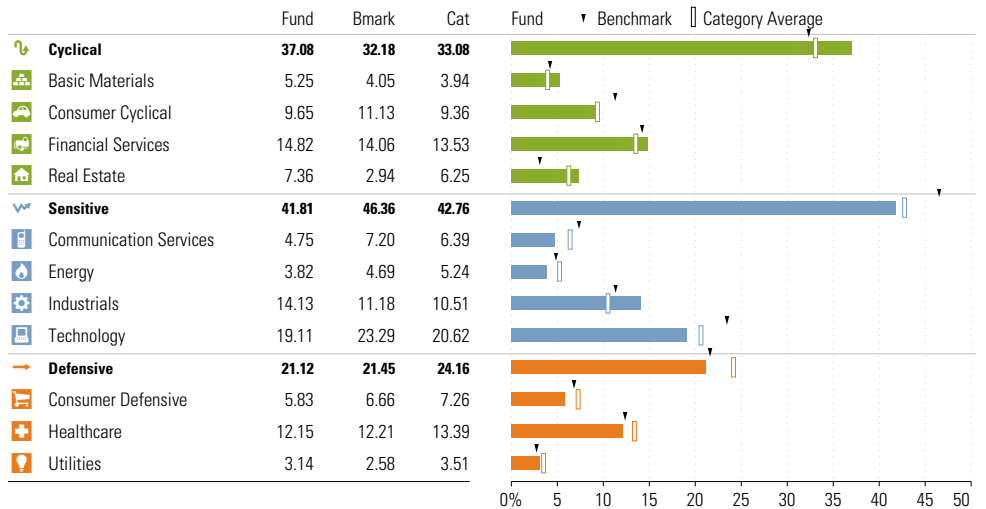


## Asset Allocation as of 09-30-2023



Asset Class	Net %	Cat%
US Stocks	27.86	27.62
Non-US Stocks	9.98	7.35
Bonds	63.38	54.81
Cash	0.98	4.91
Other	-2.21	5.32
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2023



## Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ MFS Total Return Bond R6	—	14.71	14.71	—	—
⊕ MFS Limited Maturity R6	—	9.82	24.53	—	—
⊕ MFS Inflation-Adjusted Bond R6	—	9.70	34.23	—	—
⊕ MFS Government Securities R6	—	9.68	43.91	—	—
⊕ MFS Global Opportunistic Bd R6	—	6.87	50.77	—	—
⊖ MFS Research R6	—	6.13	56.91	—	—
⊖ MFS Value R6	—	6.10	63.01	—	—
⊖ MFS Growth R6	—	6.10	69.10	—	—
⊖ MFS Mid Cap Value R6	—	4.09	73.19	—	—
⊖ MFS Mid Cap Growth R6	—	4.05	77.24	—	—

**Total Holdings 22**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# MFS Growth Allocation R3 MAGEX

**Morningstar Category**  
Moderately Aggressive

**Morningstar Index**

Morningstar US Mod Agg Tgt Alloc NR  
USD

Allocation

## Portfolio Manager(s)

Joseph Flaherty since 06-2002  
Natalie Shapiro since 09-2018  
Benjamin Nastou since 08-2023  
Erich Shigley since 08-2023

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 21.27 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 0.96 is 2.04% lower than the Moderately Aggressive Allocation category average.

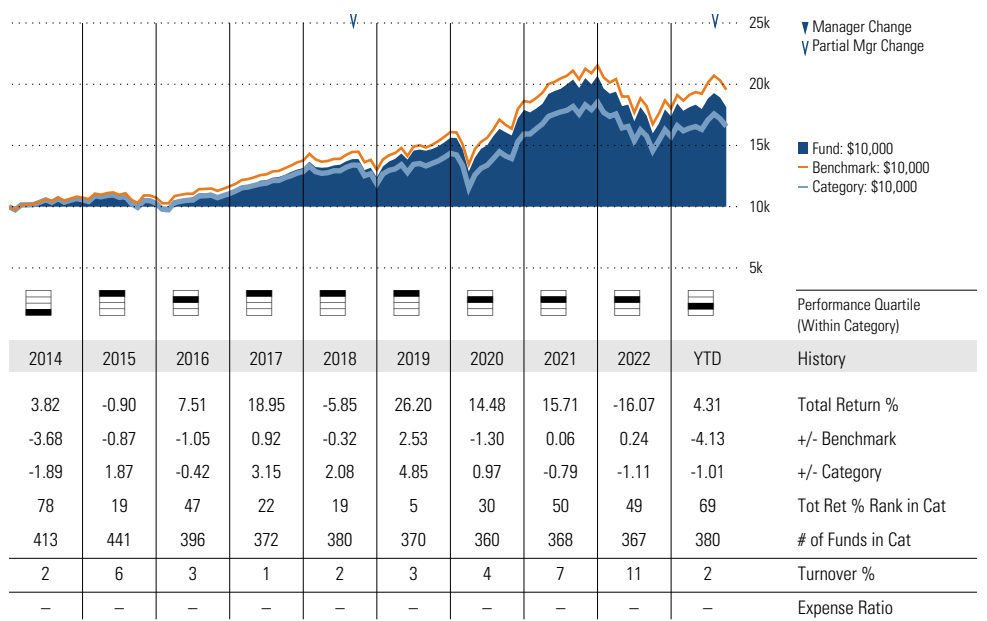
## Morningstar Investment Management LLC Analysis

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

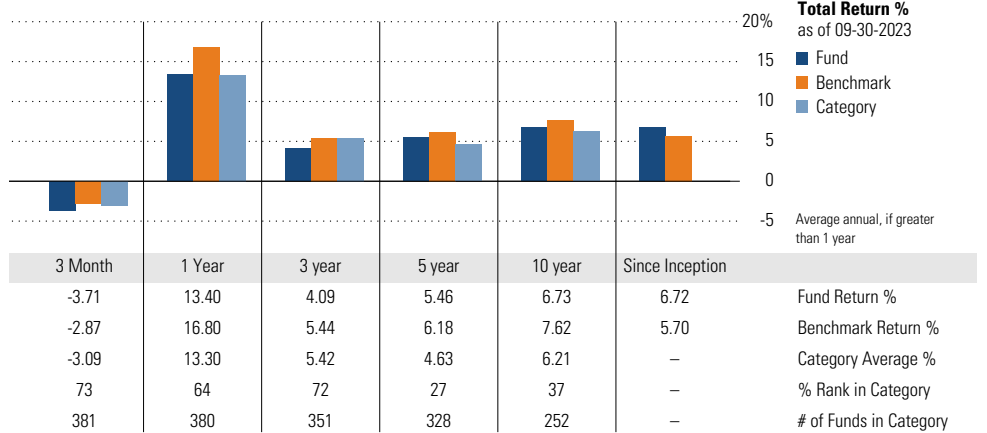
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022

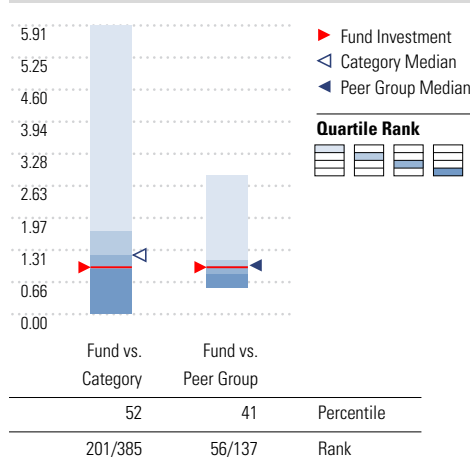
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-1.32	-	-0.16
Beta	1.01	-	0.98
R-Squared	98.34	-	93.44
Standard Deviation	14.54	14.26	14.65
Sharpe Ratio	0.21	0.30	0.27
Tracking Error	1.88	-	3.38
Information Ratio	-0.72	-	-0.24
Up Capture Ratio	100.74	-	98.61
Down Capture Ratio	108.08	-	100.10

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	20.37	18.62	18.69
Price/Book Ratio	2.87	2.77	2.79
Avg Eff Duration	5.28	6.12	5.34

# MFS Growth Allocation R3 MAGEX

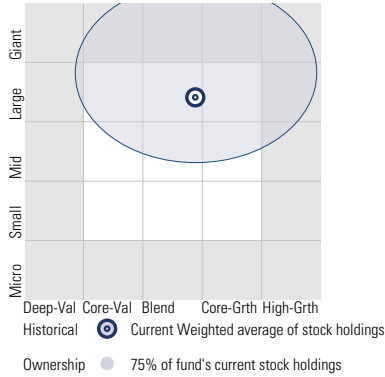
**Morningstar Category**  
Moderately Aggressive

**Morningstar Index**  
Morningstar US Mod Agg Tgt Alloc NR USD

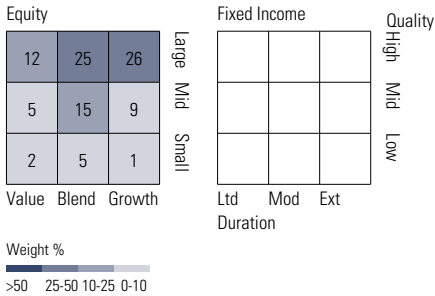
Allocation

## Style Analysis as of 09-30-2023

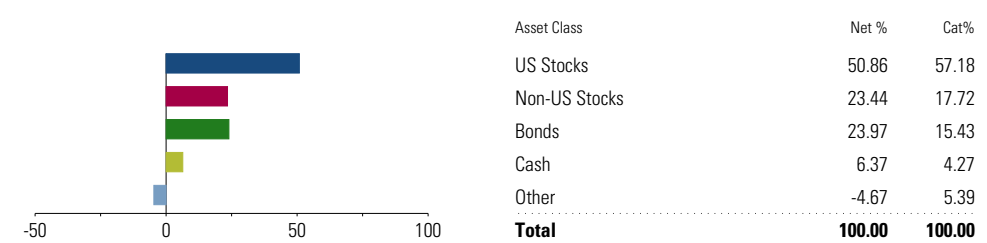
Morningstar Style Box™



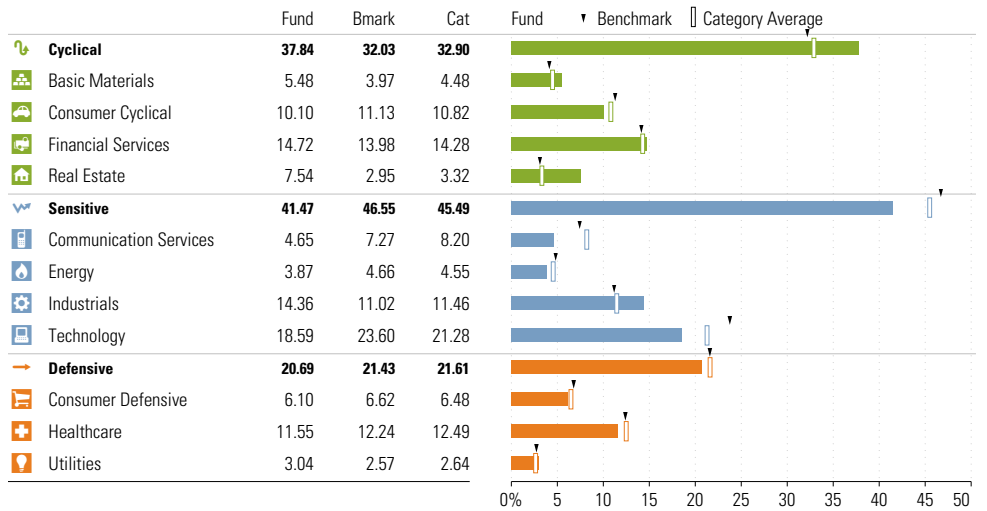
## Style Breakdown



## Asset Allocation as of 09-30-2023



## Sector Weighting as of 09-30-2023



## Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ MFS Research R6	-	10.03	10.03	- -	
⊖ MFS Growth R6	-	10.00	20.03	- -	
⊕ MFS Value R6	-	9.98	30.02	- -	
⊖ MFS Mid Cap Value R6	-	8.93	38.94	- -	
⊖ MFS Mid Cap Growth R6	-	8.90	47.84	- -	
⊕ MFS Research International R6	-	7.00	54.84	- -	
⊕ MFS Inflation-Adjusted Bond R6	-	4.93	59.77	- -	
⊕ MFS Commodity Strategy R6	-	4.02	63.79	- -	
⊕ MFS Global Real Estate R6	-	3.96	67.75	- -	
⊕ MFS High Income R6	-	3.95	71.70	- -	

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

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

✔ **Style:** The fund has landed in its primary style box — Large Growth — 77.42 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 1.08 is 4.85% higher than the Foreign Large Growth category average.

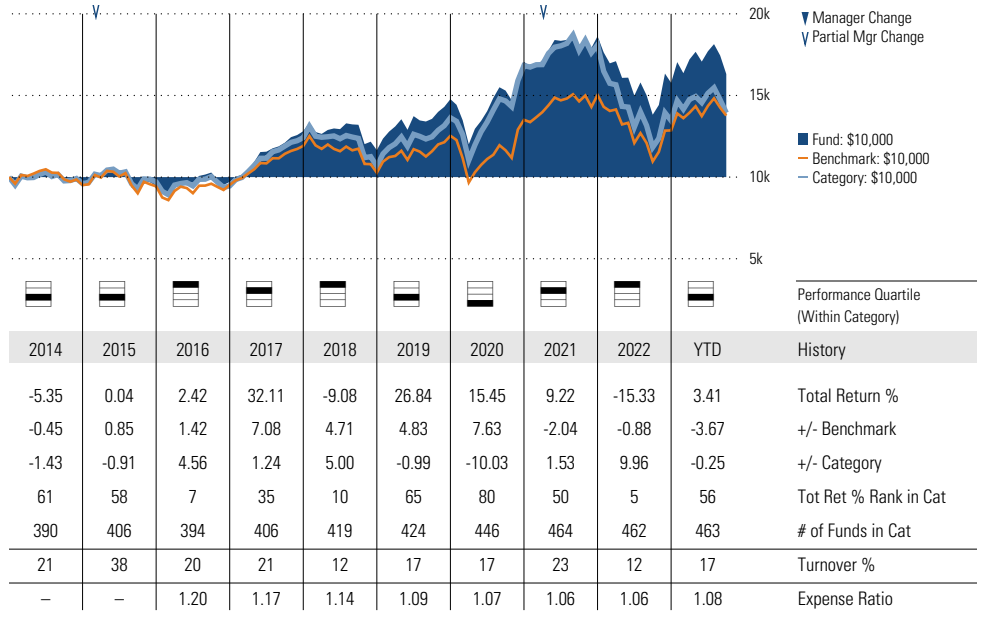
## Morningstar Investment Management LLC Analysis

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

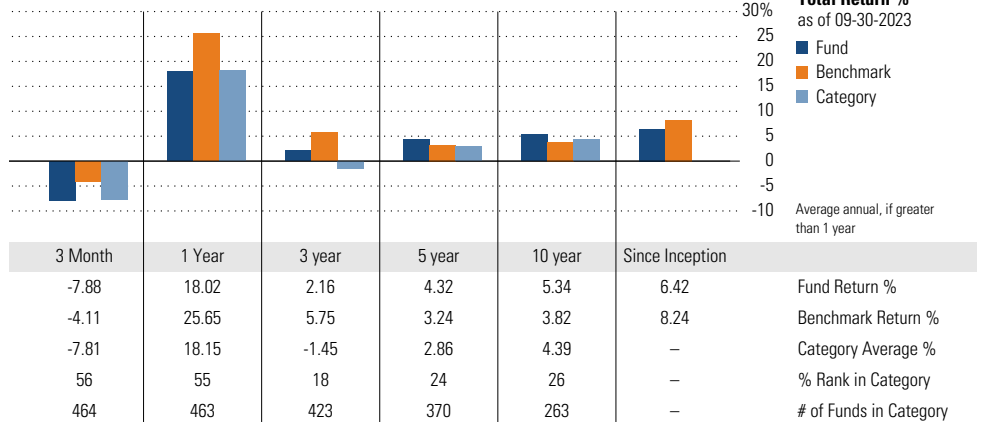
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022

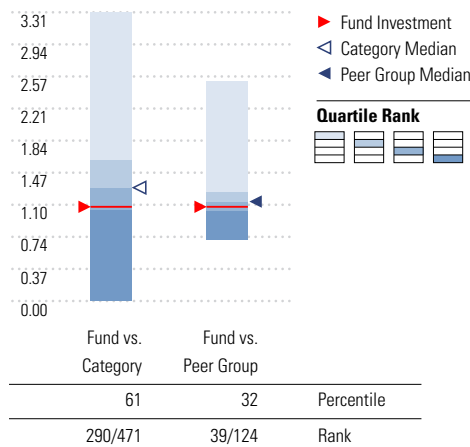
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-2.97	-	-7.10
Beta	0.91	-	1.00
R-Squared	90.54	-	85.01
Standard Deviation	17.52	18.23	19.94
Sharpe Ratio	0.09	0.28	-0.08
Tracking Error	5.61	-	7.79
Information Ratio	-0.64	-	-0.96
Up Capture Ratio	89.70	-	87.36
Down Capture Ratio	103.01	-	117.78

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	22.28	13.87	22.08
Price/Book Ratio	3.02	1.69	3.45
Geom Avg Mkt Cap \$B	62.82	47.39	61.22
ROE	18.01	18.84	22.50

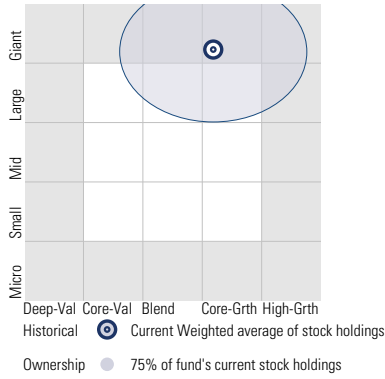
# MFS International Growth R3 MGRTX

**Morningstar Category**  
Foreign Large Growth

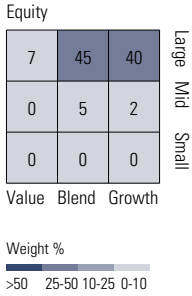
**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 09-30-2023

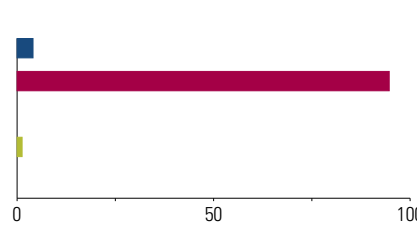
Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 09-30-2023



Asset Class	Net %	Cat%
US Stocks	4.05	7.23
Non-US Stocks	94.68	89.86
Bonds	0.00	0.04
Cash	1.27	2.25
Other	0.00	0.62
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2023

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>35.51</b>	<b>39.46</b>	<b>36.15</b>			
Basic Materials	12.29	7.36	6.50			
Consumer Cyclical	12.73	11.35	14.91			
Financial Services	10.49	18.20	14.36			
Real Estate	0.00	2.55	0.38			
<b>Sensitive</b>	<b>35.42</b>	<b>33.86</b>	<b>40.29</b>			
Communication Services	2.94	4.13	3.19			
Energy	1.22	4.62	3.01			
Industrials	16.95	16.35	17.23			
Technology	14.31	8.76	16.86			
<b>Defensive</b>	<b>29.06</b>	<b>26.68</b>	<b>23.57</b>			
Consumer Defensive	13.47	9.95	8.87			
Healthcare	15.21	13.58	13.85			
Utilities	0.38	3.15	0.85			

## World Regions % Equity 09-30-2023



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	30.17	27.04	Americas	12.28	14.91	Greater Europe	57.55	58.05	Developed Markets	89.14
Japan	9.56	11.60	North America	9.90	12.77	United Kingdom	9.88	12.35	Emerging Markets	10.86
Australasia	1.18	1.55	Central/Latin	2.38	2.14	W euro-ex UK	47.19	45.17	Not Available	0.00
Asia-4 Tigers	10.95	6.63				Emrgng Europe	0.00	0.04		
Asia-ex 4 Tigers	8.48	7.26				Africa	0.48	0.49		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Roche Holding AG	4.14	4.14	-	Healthcare
⊕ Nestle SA	4.12	8.26	-	Consumer Defensive
⊕ SAP SE	4.07	12.34	-	Technology
⊕ LVMH Moet Hennessy Louis Vuitton SE	3.78	16.11	-	Consumer Cyclical
⊖ Hitachi Ltd	3.57	19.69	-	Industrials
⊕ Schneider Electric SE	3.38	23.07	-	Industrials
⊕ Taiwan Semiconductor Manufacturing Co Ltd ADR	3.20	26.26	18.48	Technology
⊕ Linde PLC	3.01	29.27	15.33	Basic Materials
⊕ AIA Group Ltd	2.46	31.73	-	Financial Services
⊕ Amadeus IT Group SA	2.19	33.92	-	Consumer Cyclical

**Total Holdings 93**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# MFS Moderate Allocation R3 MAMHX

**Morningstar Category**  
Moderate Allocation

**Morningstar Index**  
Morningstar US Mod Tgt Alloc NR USD

## Portfolio Manager(s)

Joseph Flaherty since 06-2002  
Natalie Shapiro since 09-2018  
Benjamin Nastou since 08-2023  
Erich Shigley since 08-2023

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 21.27 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 0.9 is 10% lower than the Moderate Allocation category average.

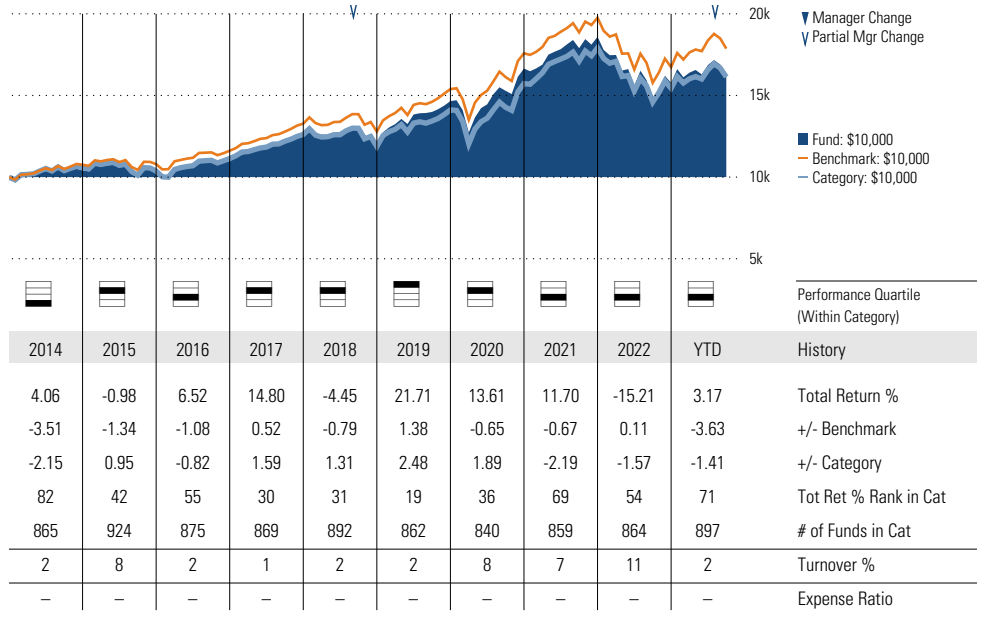
## Morningstar Investment Management LLC Analysis

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

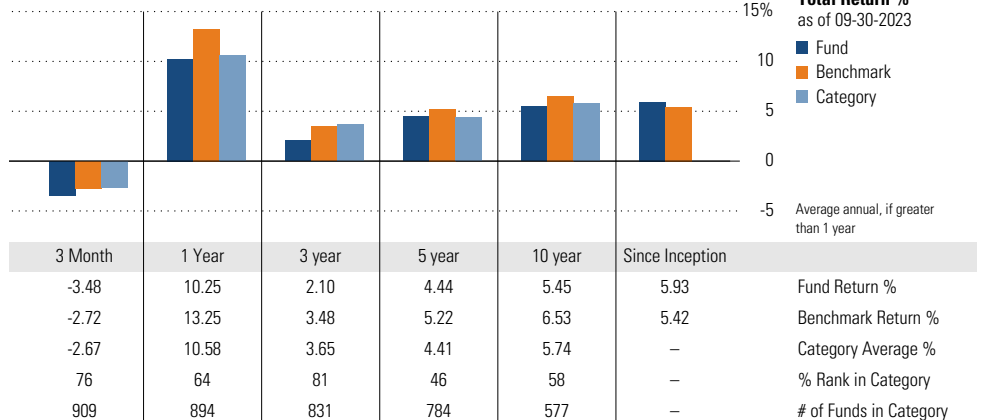
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Low Risk	12-31-2021

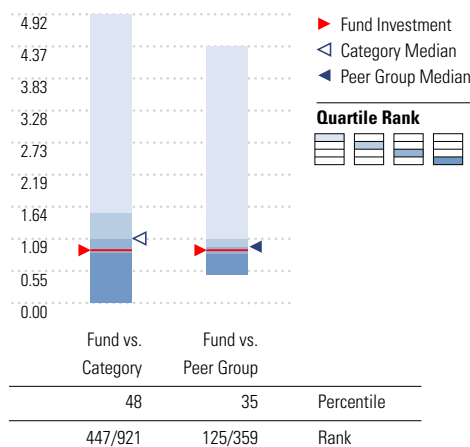
## Growth of \$10,000



## 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	-1.34	-	-0.04
Beta	1.00	-	0.98
R-Squared	98.26	-	94.16
Standard Deviation	12.19	12.04	12.24
Sharpe Ratio	0.06	0.17	0.16
Tracking Error	1.61	-	2.86
Information Ratio	-0.86	-	-0.13
Up Capture Ratio	98.53	-	99.51
Down Capture Ratio	106.89	-	100.41

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	20.76	19.23	20.37
Price/Book Ratio	2.95	2.95	3.33
Avg Eff Duration	6.01	6.12	5.40

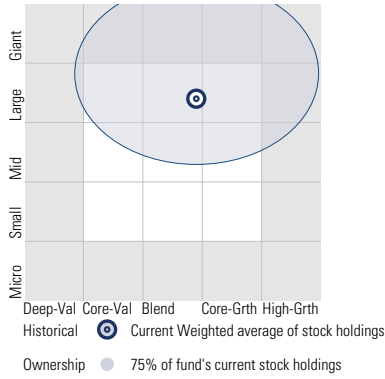
# MFS Moderate Allocation R3 MAMHX

**Morningstar Category**  
Moderate Allocation

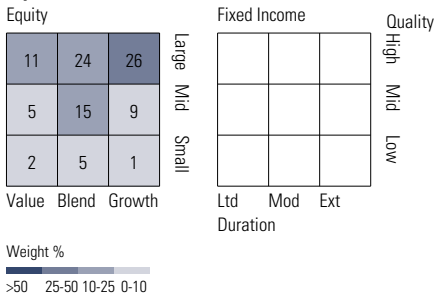
**Morningstar Index**  
Morningstar US Mod Tgt Alloc NR USD

## Style Analysis as of 09-30-2023

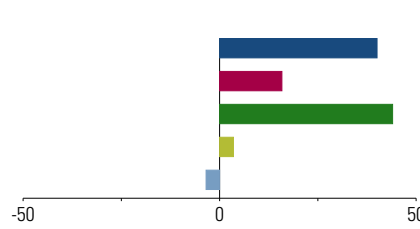
Morningstar Style Box™



## Style Breakdown

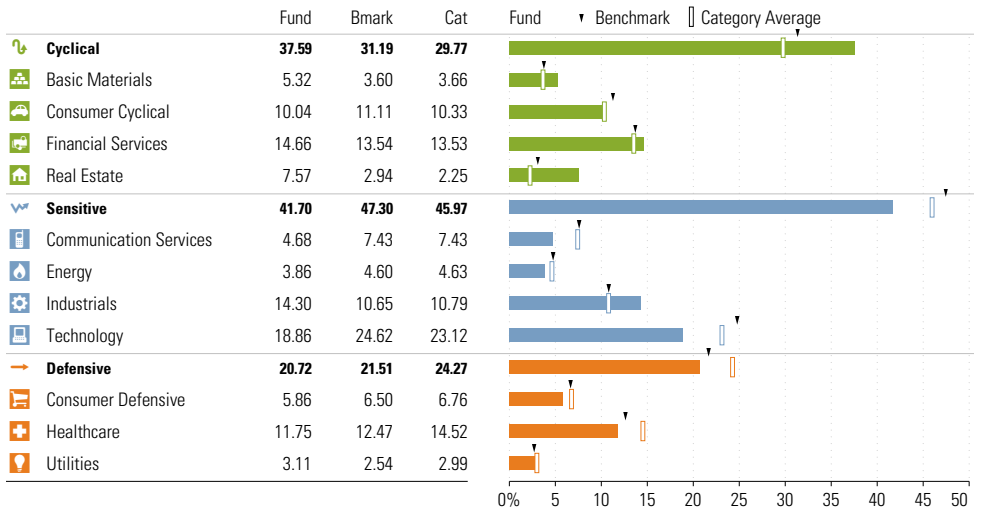


## Asset Allocation as of 09-30-2023



Asset Class	Net %	Cat%
US Stocks	40.06	48.05
Non-US Stocks	15.85	10.07
Bonds	44.02	34.67
Cash	3.52	3.72
Other	-3.44	3.49
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2023



## Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ MFS Government Securities R6	—	9.85	9.85	—	—
⊕ MFS Total Return Bond R6	—	8.90	18.76	—	—
⊖ MFS Research R6	—	8.06	26.81	—	—
⊖ MFS Growth R6	—	8.02	34.84	—	—
⊖ MFS Value R6	—	8.01	42.84	—	—
⊖ MFS Mid Cap Value R6	—	6.97	49.81	—	—
⊖ MFS Mid Cap Growth R6	—	6.95	56.76	—	—
⊕ MFS Inflation-Adjusted Bond R6	—	6.93	63.70	—	—
⊖ MFS Research International R6	—	5.00	68.70	—	—
⊕ MFS Global Opportunistic Bd R6	—	4.96	73.66	—	—

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

✔ **Management:** The fund's management has been in place for 9.75 years.

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

✔ **Net Expense:** The fund's expense ratio of 1.24 is 6.9% higher than the Small Growth category average.

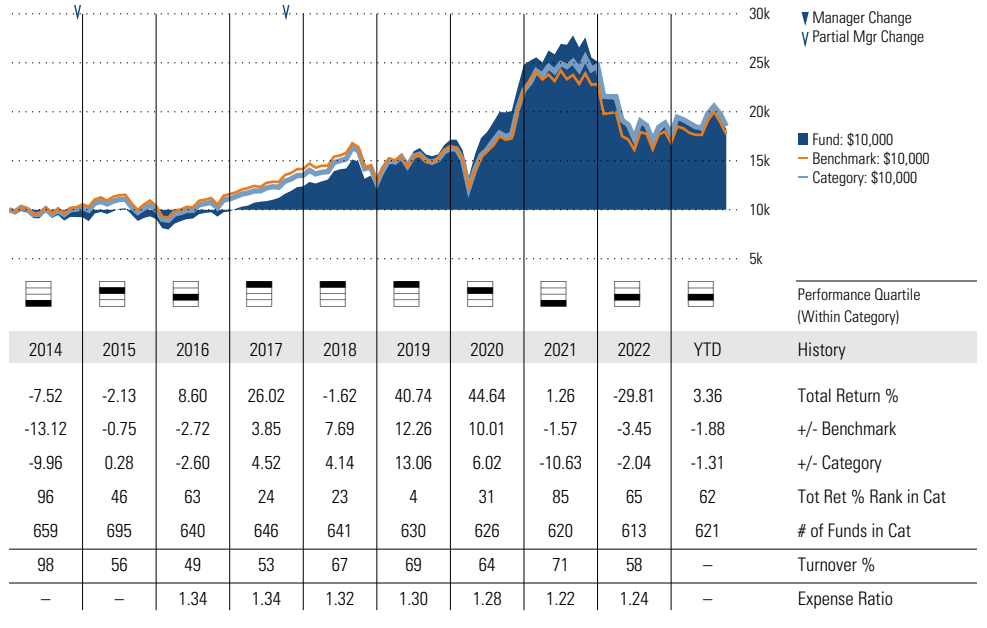
## Morningstar Investment Management LLC Analysis

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.

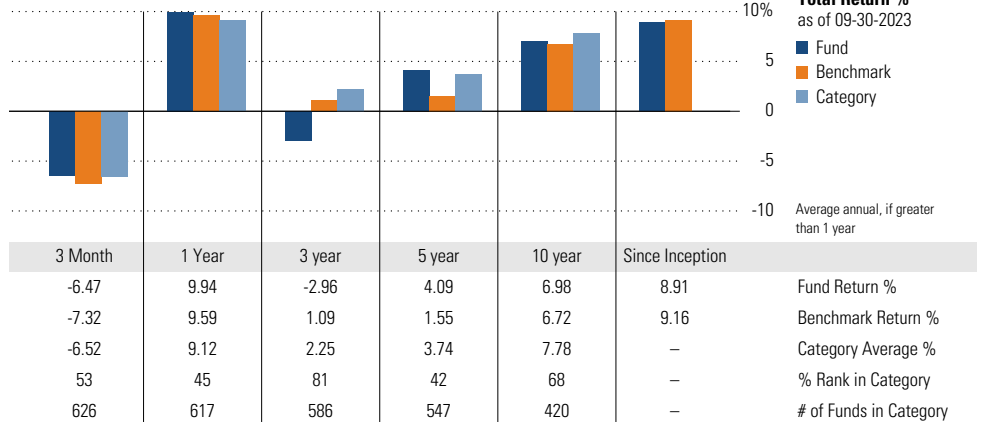
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	08-31-2023
Carbon Risk Score	Medium Risk	12-31-2022

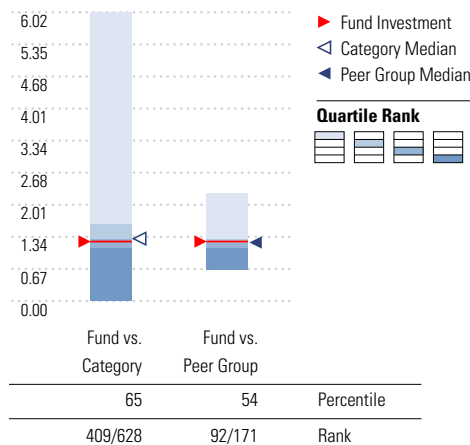
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-3.99	-	0.22
Beta	0.90	-	0.92
R-Squared	91.72	-	89.86
Standard Deviation	21.52	22.93	22.32
Sharpe Ratio	-0.13	0.07	0.07
Tracking Error	6.61	-	7.45
Information Ratio	-0.61	-	-0.01
Up Capture Ratio	81.68	-	94.65
Down Capture Ratio	95.36	-	94.64

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.29	20.11	24.88
Price/Book Ratio	2.92	3.83	3.93
Geom Avg Mkt Cap \$B	4.46	2.75	5.46
ROE	5.61	9.52	14.27

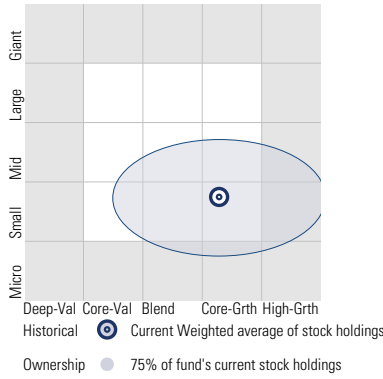
# MFS New Discovery R3 MNDHX

**Morningstar Category**  
Small Growth

**Morningstar Index**  
Russell 2000 Growth TR USD

## Style Analysis as of 09-30-2023

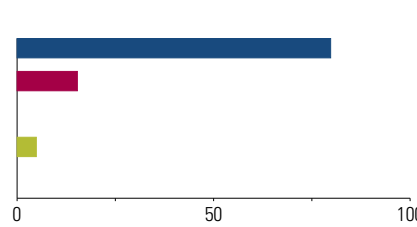
Morningstar Style Box™



## Style Breakdown

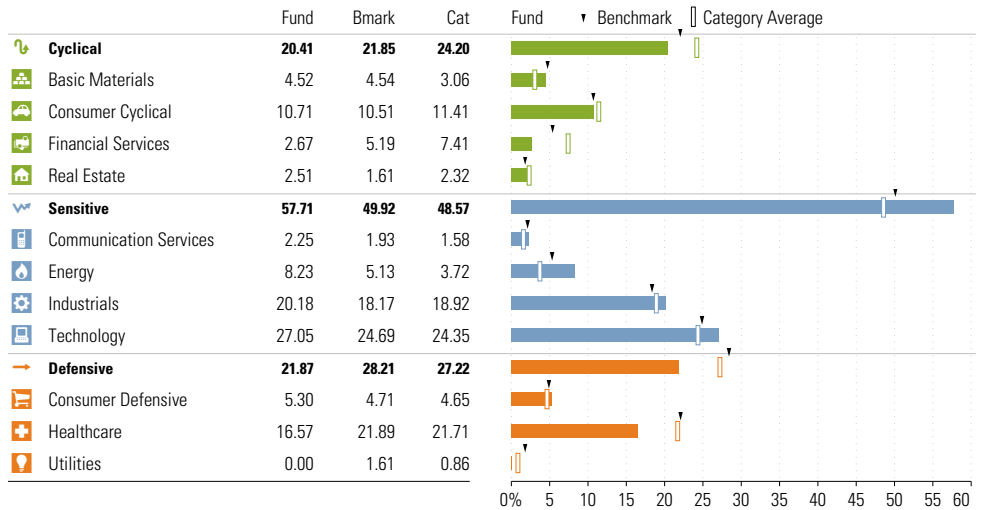


## Asset Allocation as of 09-30-2023



Asset Class	Net %	Cat%
US Stocks	79.78	91.66
Non-US Stocks	15.33	4.65
Bonds	0.00	0.02
Cash	4.89	2.44
Other	0.00	1.21
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2023



## Top 15 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Currency Cash CASH_USD	4.91	4.91	—	—
⊕ GFL Environmental Inc	2.24	7.15	8.79	Industrials
⊕ RB Global Inc	2.14	9.30	12.03	Industrials
Sensata Technologies Holding PLC	1.94	11.23	-5.47	Technology
Jacobs Solutions Inc	1.86	13.09	14.33	Industrials
⊖ Matador Resources Co	1.85	14.95	4.70	Energy
⊖ ChampionX Corp	1.85	16.80	23.72	Energy
⊕ Advanced Energy Industries Inc	1.81	18.60	20.56	Industrials
⊖ ExlService Holdings Inc	1.80	20.40	-17.25	Technology
Stag Industrial Inc	1.71	22.11	10.22	Real Estate
nVent Electric PLC	1.65	23.77	39.11	Industrials
KBR Inc	1.62	25.39	12.40	Industrials
⊕ DoubleVerify Holdings Inc	1.59	26.98	27.28	Technology
Crane Co	1.52	28.51	24.53	Industrials
⊕ Five9 Inc	1.48	29.99	-5.25	Technology

**Total Holdings 111**

⊕ 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)

Camille Lee since 09-2018  
Nicholas Paul since 12-2022

## Quantitative Screens

✔ **Performance:** The fund has finished in the Foreign 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 5.08 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 1 is 14.94% higher than the Foreign Large Blend category average.

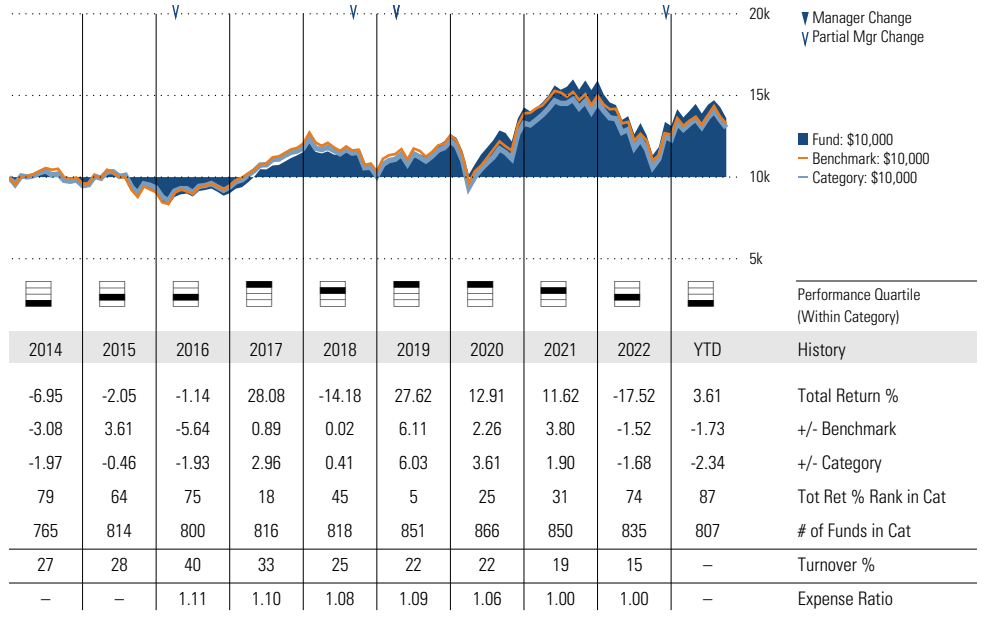
## Morningstar Investment Management LLC Analysis

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.

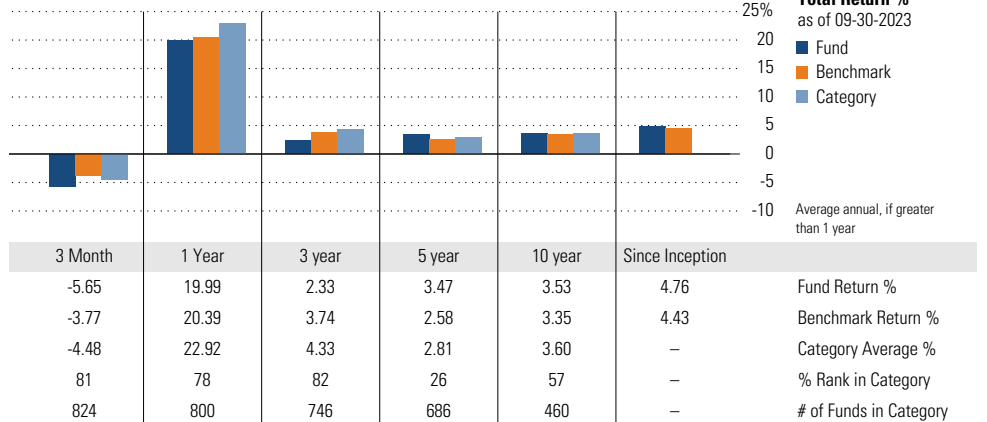
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	02-15-2022

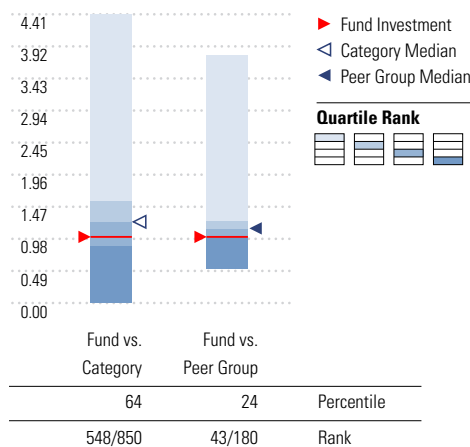
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-1.28	-	0.38
Beta	1.01	-	1.03
R-Squared	93.52	-	93.49
Standard Deviation	17.90	17.19	18.35
Sharpe Ratio	0.10	0.18	0.20
Tracking Error	4.56	-	4.70
Information Ratio	-0.31	-	0.11
Up Capture Ratio	103.47	-	106.23
Down Capture Ratio	110.26	-	105.46

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.38	13.48	14.20
Price/Book Ratio	2.20	1.67	1.88
Geom Avg Mkt Cap \$B	49.99	42.75	56.55
ROE	19.88	17.72	20.14

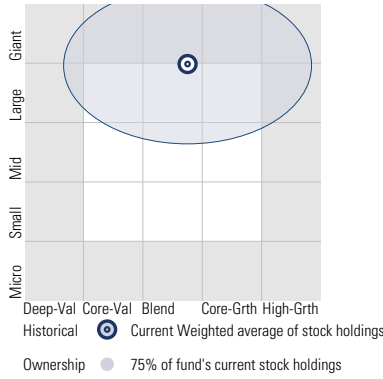
# MFS Research International R3 MRSHX

**Morningstar Category**  
Foreign Large Blend

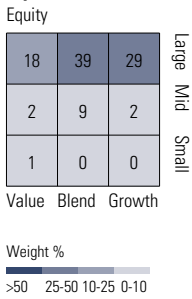
**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Style Analysis as of 09-30-2023

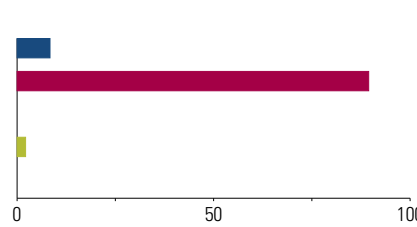
Morningstar Style Box™



## Style Breakdown

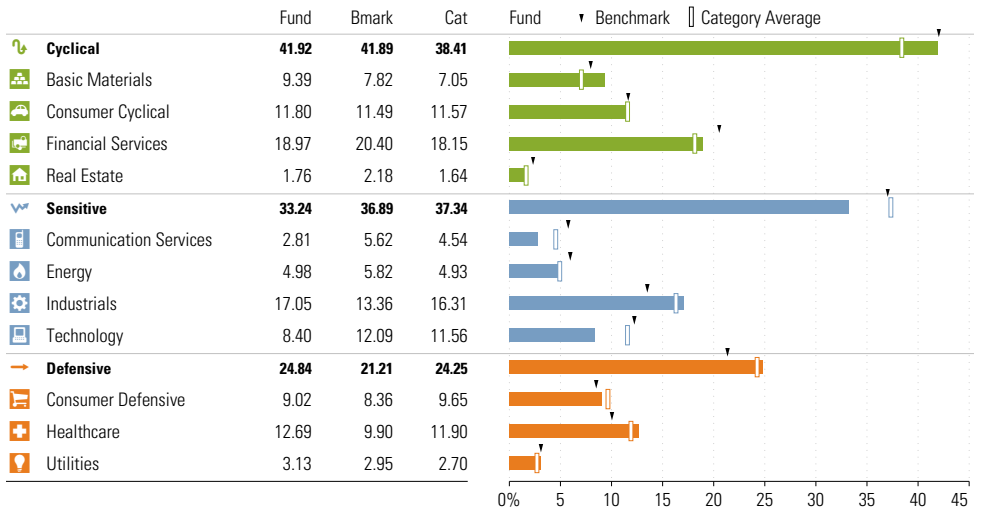


## Asset Allocation as of 09-30-2023



Asset Class	Net %	Cat%
US Stocks	8.37	3.46
Non-US Stocks	89.46	93.89
Bonds	0.00	0.22
Cash	2.16	0.97
Other	0.00	1.45
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2023



## World Regions % Equity 09-30-2023



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	33.51	35.08	Americas	10.44	8.51	Greater Europe	56.05	56.41	Developed Markets	97.20
Japan	19.75	18.59	North America	10.44	7.23	United Kingdom	11.02	13.72	Emerging Markets	2.80
Australasia	4.24	4.86	Central/Latin	0.00	1.28	W euro-ex UK	45.03	41.70	Not Available	0.00
Asia-4 Tigers	6.72	6.61				Emrgng Europe	0.00	0.07		
Asia-ex 4 Tigers	2.80	5.02				Africa	0.00	0.92		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Linde PLC	3.15	3.15	15.33	Basic Materials
Roche Holding AG	2.96	6.11	-	Healthcare
LVMH Moët Hennessy Louis Vuitton SE	2.94	9.04	-	Consumer Cyclical
Schneider Electric SE	2.86	11.90	-	Industrials
Nestle SA	2.83	14.73	-	Consumer Defensive
Novo Nordisk A/S Class B	2.46	17.19	-	Healthcare
Hitachi Ltd	2.15	19.34	-	Industrials
Currency Cash CASH_USD	2.09	21.43	-	-
Diageo PLC	1.80	23.23	-	Consumer Defensive
TotalEnergies SE	1.63	24.86	-	Energy

**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 16.52 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 1.02 is 4.08% higher than the Multisector Bond category average.

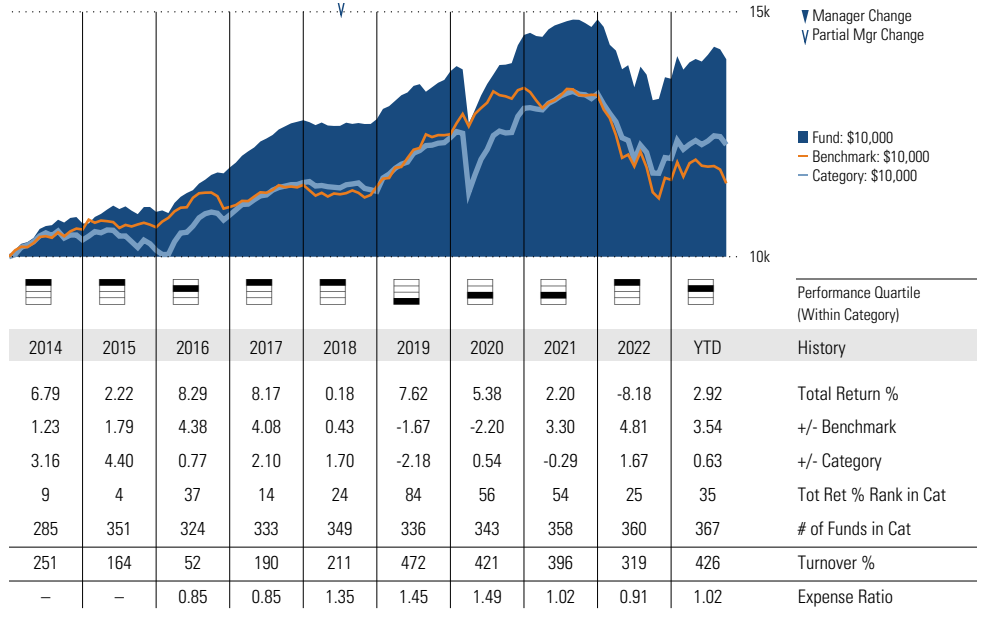
## Morningstar Investment Management LLC Analysis

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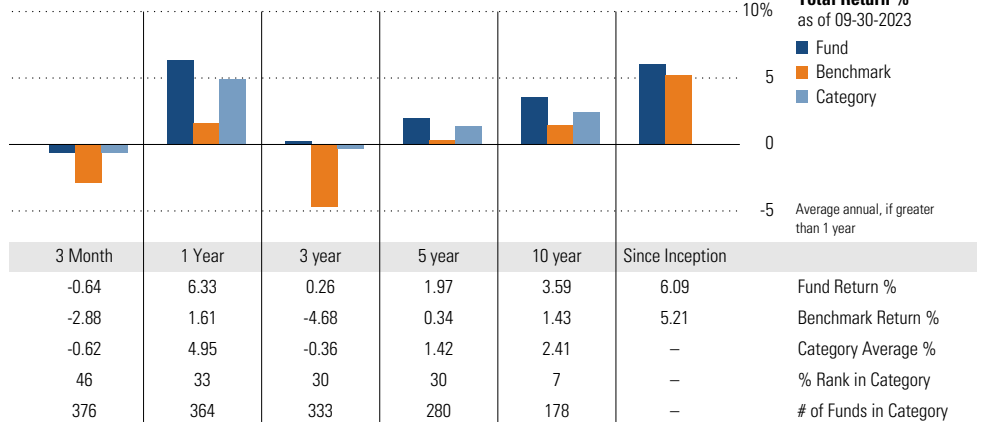
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	08-31-2023

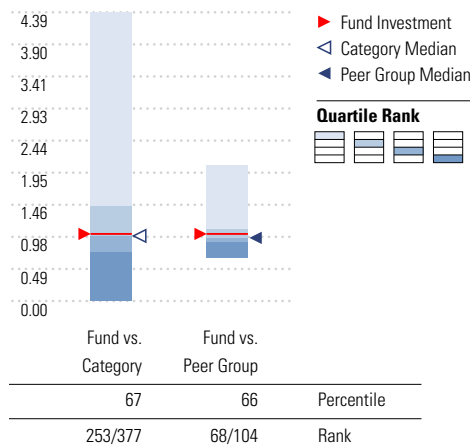
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	4.27	-	3.21
Beta	0.84	-	0.78
R-Squared	80.17	-	68.44
Standard Deviation	5.77	6.17	5.81
Sharpe Ratio	-0.28	-1.08	-0.40
Tracking Error	2.76	-	3.69
Information Ratio	1.79	-	1.16
Up Capture Ratio	107.15	-	92.20
Down Capture Ratio	56.49	-	55.86

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	4.01	4.55	4.43
Avg Eff Maturity	5.78	7.69	7.23

# PIMCO Income A PONAX

**Morningstar Category**  
Multisector Bond

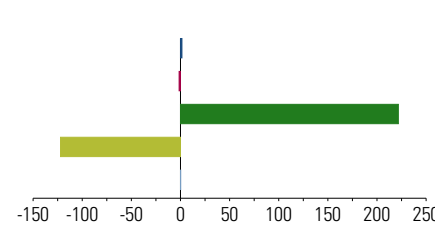
**Morningstar Index**  
Bloomberg US Universal TR USD

## Style Analysis as of 09-30-2023

### Style Breakdown



## Asset Allocation as of 09-30-2023

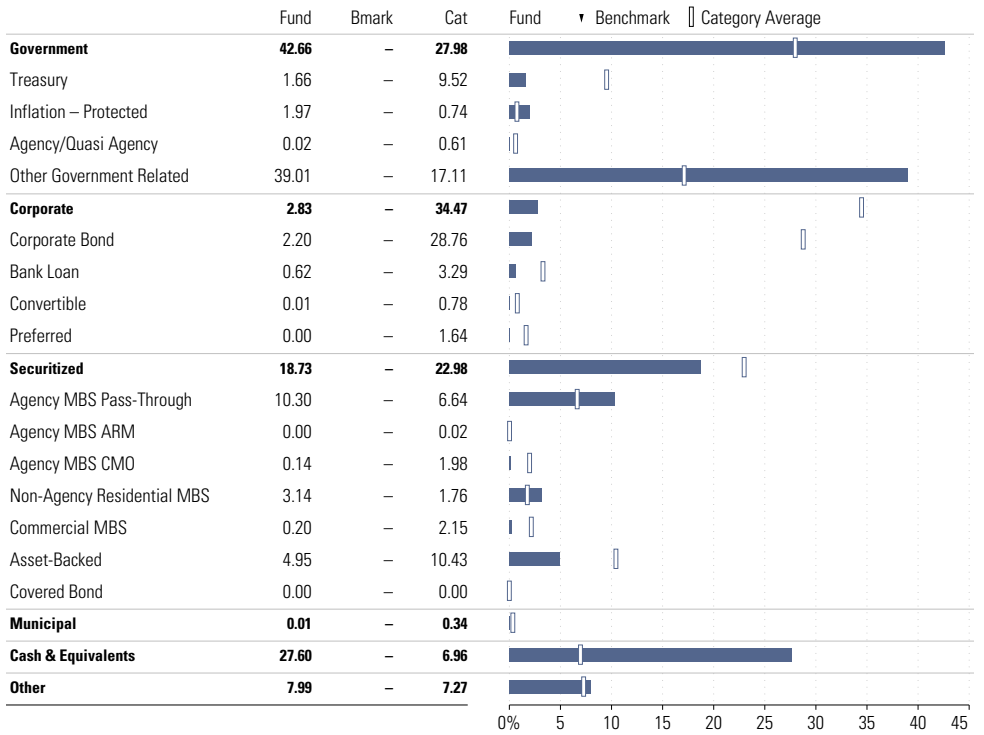


Asset Class	Net %	Cat%
US Stocks	1.48	1.20
Non-US Stocks	-1.39	0.16
Bonds	221.73	89.79
Cash	-122.08	6.58
Other	0.26	2.27
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	58.86	67.64	22.57
AA	5.30	3.23	3.57
A	3.36	10.03	8.60
BBB	11.99	10.89	21.91
BB	8.89	3.19	19.49
B	3.98	3.64	12.39
Below B	7.62	1.38	4.32
Not Rated	0.00	0.00	7.16

## Sector Weighting as of 09-30-2023



## Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
✳ Offset: Unsettled Trades	-	40.63	40.63	-
⊕ RFR USD SOFR/5.10000 05/22/23-1Y LCH Pay	05-2024	33.49	74.12	-
⊕ RFR USD SOFR/5.10000 05/22/23-1Y LCH Receive	05-2024	33.40	107.52	-
⊕ RFR USD SOFR/5.40000 06/06/23-1Y LCH Receive	06-2024	19.71	127.23	-
⊕ RFR USD SOFR/5.40000 06/06/23-1Y LCH Pay	06-2024	19.71	146.94	-
⊕ RFR USD SOFR/4.50000 05/22/23-2Y LCH Pay	05-2025	17.27	164.21	-
⊕ RFR USD SOFR/4.50000 05/22/23-2Y LCH Receive	05-2025	17.16	181.37	-
✳ Cash Offset	-	13.42	194.79	-
⊖ RFR USD SF+26.161/0.00 11/04/22-1Y* LCH Pay	08-2023	12.63	207.42	-
⊕ IRSF USD 0.00000 11/04/22-1Y* (WHT) LCH Pay	08-2023	12.63	220.06	-

**Total Holdings 8508**

⊕ 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 12.75 years.

Style Consistency is not calculated for Fixed Income funds.

✘ **Net Expense:** The fund's expense ratio of 0.72 is 71.43% higher than the Ultrashort Bond category average.

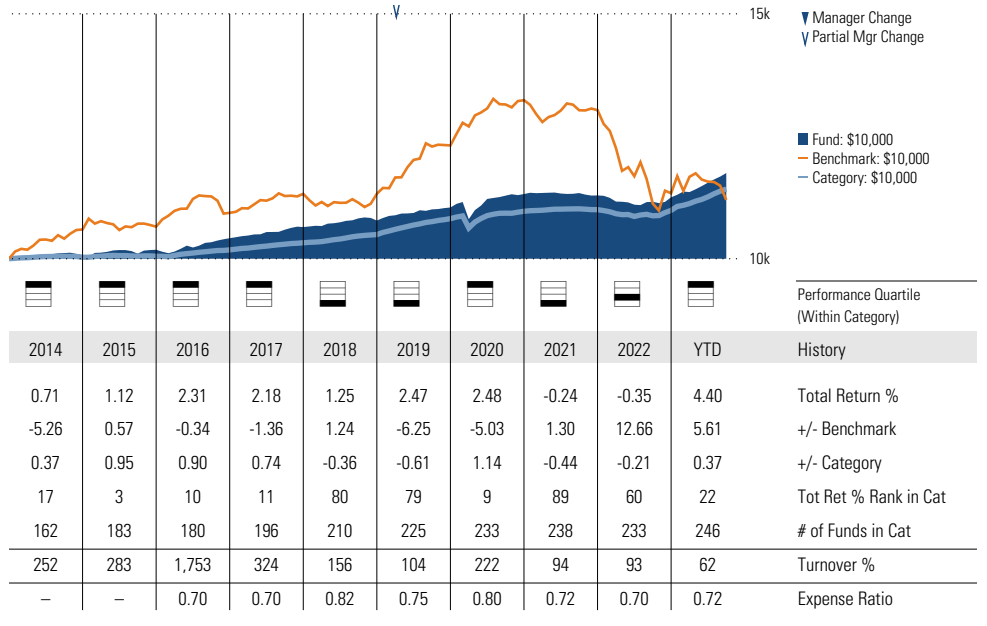
## Morningstar Investment Management LLC Analysis

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.

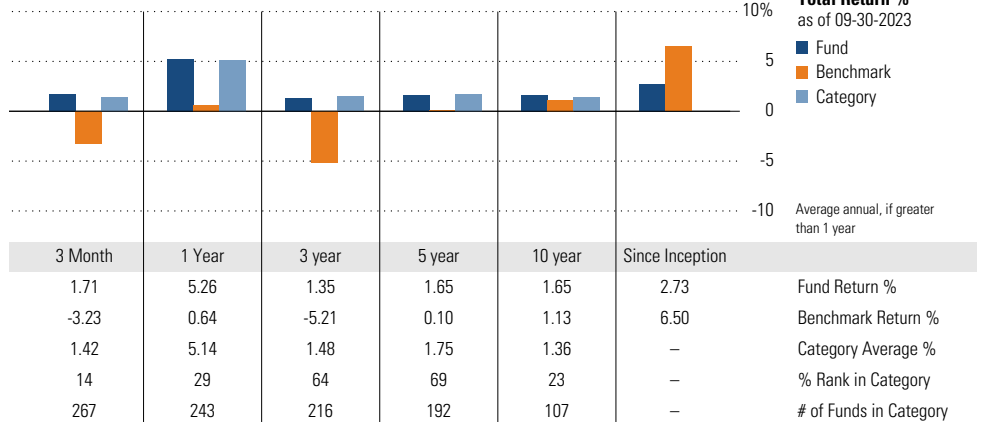
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023

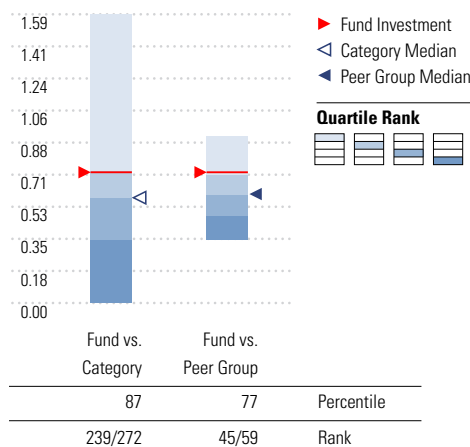
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.35	-	1.85
Beta	0.00	-	0.08
R-Squared	0.00	-	21.31
Standard Deviation	1.21	6.20	1.08
Sharpe Ratio	-0.75	-1.16	-0.98
Tracking Error	6.31	-	5.82
Information Ratio	1.04	-	1.15
Up Capture Ratio	3.30	-	15.49
Down Capture Ratio	-10.45	-	-5.01

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	0.19	4.43	0.70
Avg Eff Maturity	-	-	1.94

# PIMCO Short-Term A PSHAX

**Morningstar Category**  
Ultrashort Bond

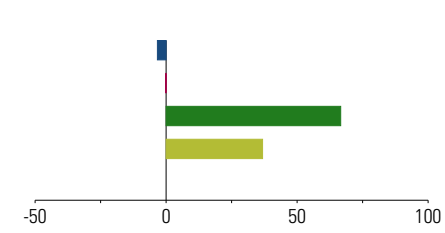
**Morningstar Index**  
Bloomberg US Agg Bond TR USD

## Style Analysis as of 09-30-2023

### Style Breakdown



## Asset Allocation as of 09-30-2023



Asset Class	Net %	Cat%
US Stocks	-3.32	0.10
Non-US Stocks	-0.13	0.00
Bonds	66.64	71.51
Cash	36.82	28.31
Other	0.00	0.10
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	55.34	3.53	47.87
AA	4.08	74.59	8.37
A	16.68	10.82	21.90
BBB	23.41	8.32	16.09
BB	0.14	0.28	0.89
B	0.17	0.00	0.42
Below B	0.17	0.00	0.09
Not Rated	0.00	2.46	4.38

## Sector Weighting as of 09-30-2023



## Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
✳ Offset: Unsettled Trades	-	29.90	29.90	-
✳ Cash Offset	-	25.15	55.05	-
⊖ CDX IG40 5Y ICE	06-2028	16.16	71.21	-
⊕ United States Treasury Bills 0%	08-2023	10.40	81.61	-
⊕ United States Treasury Bills 0%	08-2023	10.13	91.75	-
⊕ United States Treasury Bills 0%	10-2023	6.18	97.93	-
⊖ US 5 Year Note (CBT) Sept13	09-2023	5.39	103.32	-
⊖ AUSTRALIAN DOLLARS Sold	08-2023	3.12	106.44	-
⊖ AUSTRALIAN DOLLARS Purchased	08-2023	3.12	109.56	-
⊕ U S TREASURY REPO	07-2023	2.82	112.38	-

**Total Holdings 1063**

⊕ 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 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 23.52 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 0.9 is 20% higher than the Large Blend category average.

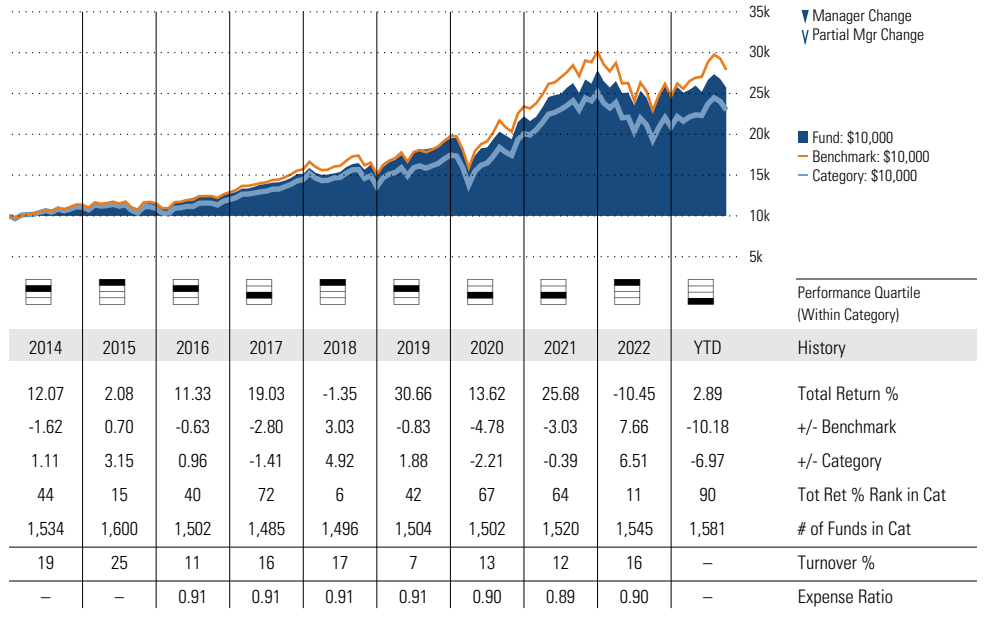
## Morningstar Investment Management LLC Analysis

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.

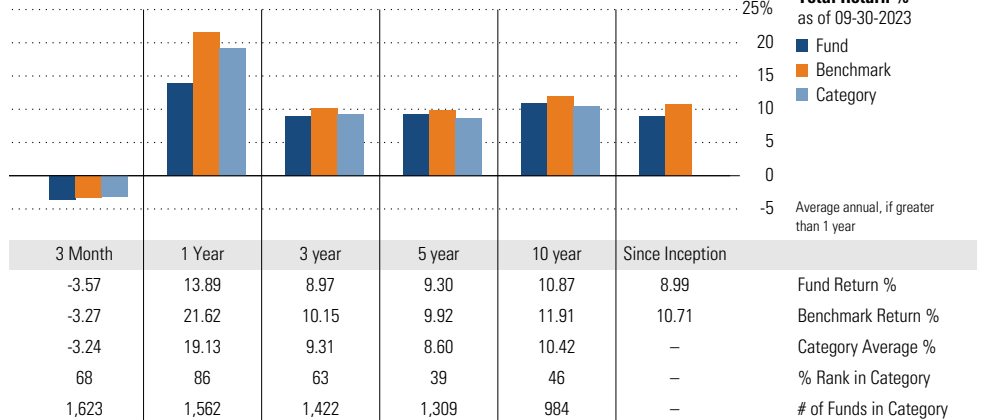
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022

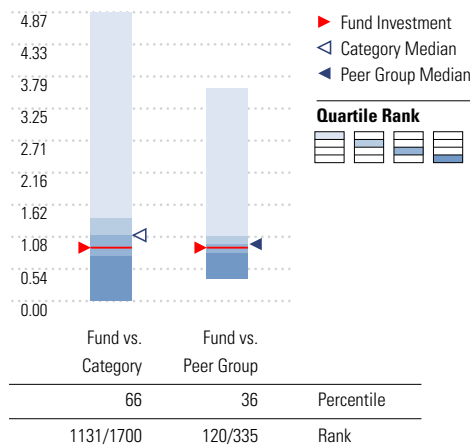
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.01	-	-0.66
Beta	0.88	-	0.95
R-Squared	93.38	-	94.61
Standard Deviation	16.21	17.85	17.40
Sharpe Ratio	0.48	0.52	0.45
Tracking Error	4.71	-	3.74
Information Ratio	-0.25	-	-1.15
Up Capture Ratio	88.31	-	93.16
Down Capture Ratio	88.61	-	95.77

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.98	22.40	22.25
Price/Book Ratio	4.16	3.98	4.46
Geom Avg Mkt Cap \$B	140.47	228.69	275.77
ROE	30.85	30.76	29.52

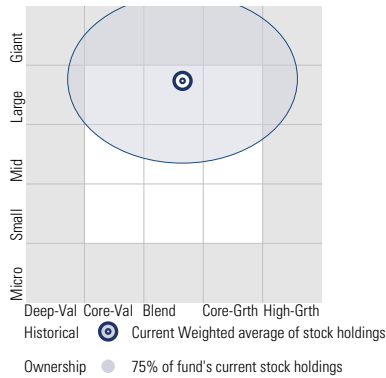
# T. Rowe Price Dividend Growth Advisor TADGX

Morningstar Category  
Large Blend

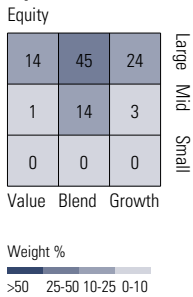
Morningstar Index  
S&P 500 TR USD

## Style Analysis as of 09-30-2023

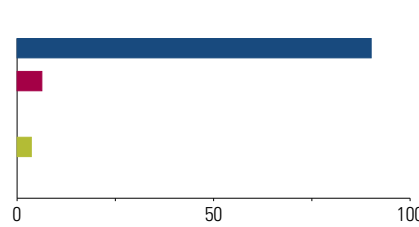
Morningstar Style Box™



## Style Breakdown

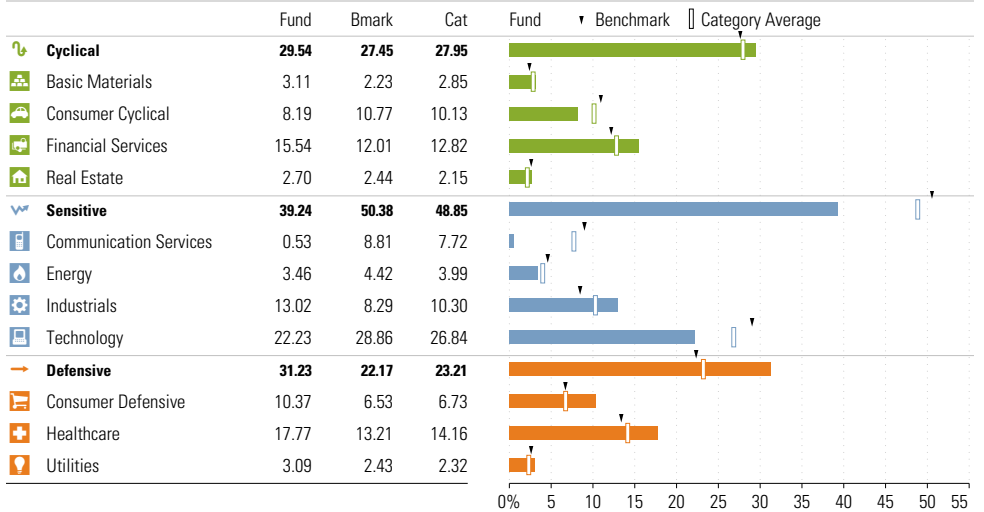


## Asset Allocation as of 09-30-2023



Asset Class	Net %	Cat%
US Stocks	90.09	95.33
Non-US Stocks	6.30	2.48
Bonds	0.00	0.15
Cash	3.61	0.71
Other	0.00	1.34
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2023



## Top 15 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Microsoft Corp	5.99	5.99	32.51	Technology
⊕ Apple Inc	4.69	10.68	32.32	Technology
⊖ T. Rowe Price Gov. Reserve	3.53	14.20	-	-
⊖ UnitedHealth Group Inc	2.07	16.27	-3.88	Healthcare
⊕ Visa Inc Class A	2.01	18.28	11.36	Financial Services
⊕ Accenture PLC Class A	1.86	20.14	16.35	Technology
Marsh & McLennan Companies Inc	1.84	21.97	16.14	Financial Services
JPMorgan Chase & Co	1.80	23.78	10.38	Financial Services
⊕ Chubb Ltd	1.61	25.39	-4.47	Financial Services
General Electric Co	1.58	26.97	49.86	Industrials
Thermo Fisher Scientific Inc	1.48	28.45	-7.89	Healthcare
Roper Technologies Inc	1.48	29.93	12.55	Technology
⊕ McKesson Corp	1.44	31.37	16.38	Healthcare
Mondelez International Inc Class A	1.41	32.78	5.92	Consumer Defensive
⊕ Becton, Dickinson and Co	1.38	34.16	2.74	Healthcare

**Total Holdings 107**

⊕ 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 8.17 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 48% higher than the Target-Date 2000-2010 category average.

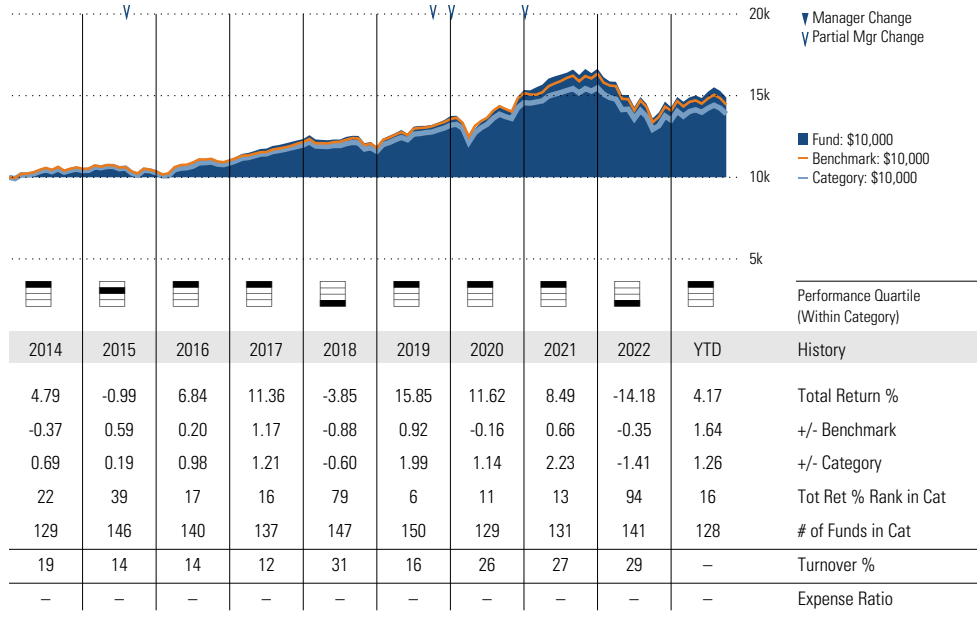
## Morningstar Investment Management LLC Analysis

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.

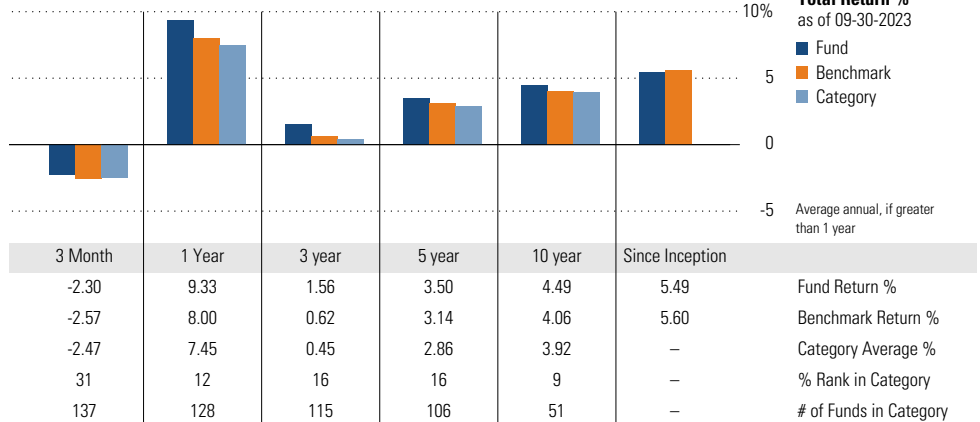
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
ESG Commitment	1-Low	02-15-2022

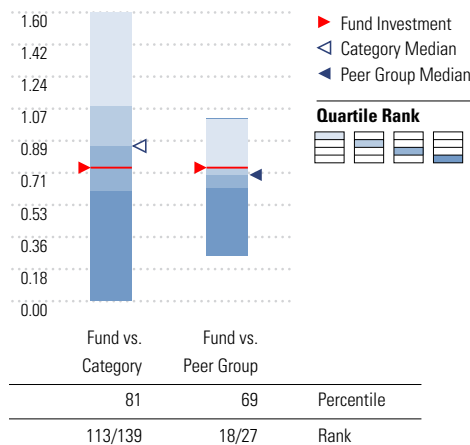
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.93	-	-0.18
Beta	1.01	-	0.87
R-Squared	98.33	-	96.69
Standard Deviation	9.71	9.57	8.45
Sharpe Ratio	0.00	-0.10	-0.16
Tracking Error	1.26	-	2.00
Information Ratio	0.74	-	0.02
Up Capture Ratio	103.11	-	84.96
Down Capture Ratio	96.07	-	86.26

## Portfolio Metrics

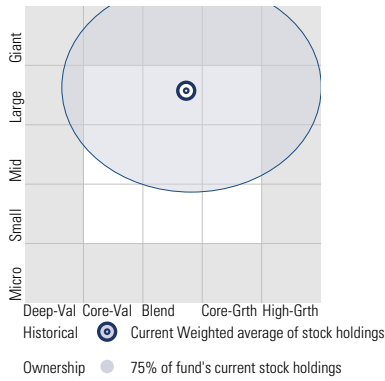
	Fund	Bmark	Cat
Price/Earnings Ratio	18.42	17.93	18.19
Price/Book Ratio	2.64	2.50	2.76
Avg Eff Duration	6.05	-	5.87

# T. Rowe Price Retirement 2010 Advisor PARAX

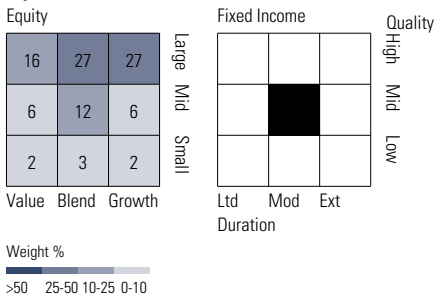
**Morningstar Category**  
Target-Date 2000-2010

**Morningstar Index**  
Morningstar Lifetime Mod 2010 TR USD

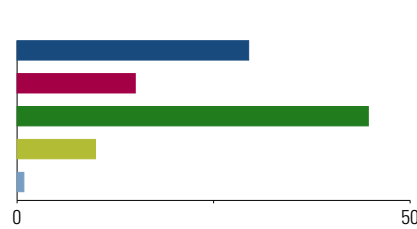
**Style Analysis** as of 09-30-2023  
Morningstar Style Box™



**Style Breakdown**

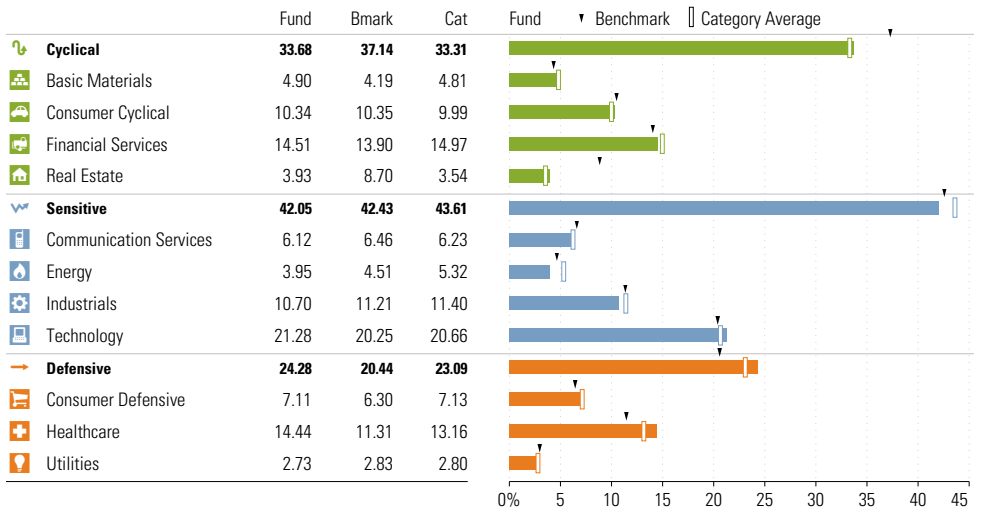


**Asset Allocation** as of 09-30-2023



Asset Class	Net %	Cat%
US Stocks	29.46	22.85
Non-US Stocks	15.03	12.65
Bonds	44.68	57.18
Cash	9.97	4.88
Other	0.86	2.46
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2023



**Top 10 Holdings** as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Ltd Dur Infl Focus Bd Z	-	14.57	14.57	-	-
⊖ T. Rowe Price New Income Z	-	14.33	28.90	-	-
⊖ T. Rowe Price Growth Stock Z	-	7.47	36.38	-	-
⊖ T. Rowe Price Value Z	-	7.41	43.79	-	-
⊖ T. Rowe Price Intl Bd (USD Hdgd) Z	-	5.17	48.96	-	-
⊖ T. Rowe Price Equity Index 500 Z	-	4.56	53.53	-	-
⊖ T. Rowe Price Emerging Markets Bond Z	-	3.90	57.43	-	-
⊖ T. Rowe Price Overseas Stock Z	-	3.87	61.30	-	-
⊕ T. Rowe Price US Trs Long-Term Idx Z	-	3.79	65.09	-	-
⊕ T. Rowe Price US Treasury Money Z	-	3.70	68.79	-	-

**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 8.17 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 0.75 is 38.89% higher than the Target-Date 2015 category average.

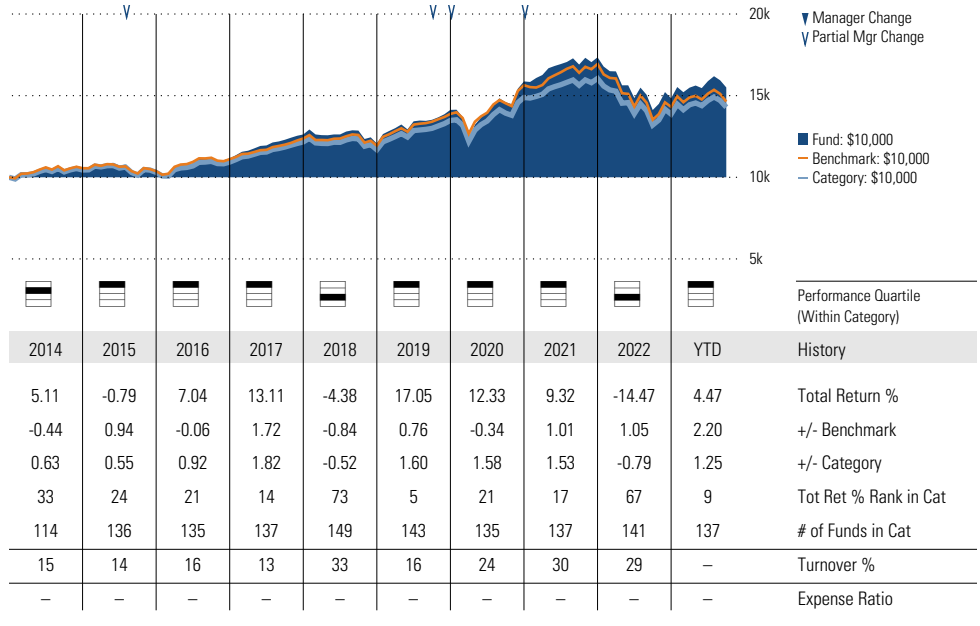
## Morningstar Investment Management LLC Analysis

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.

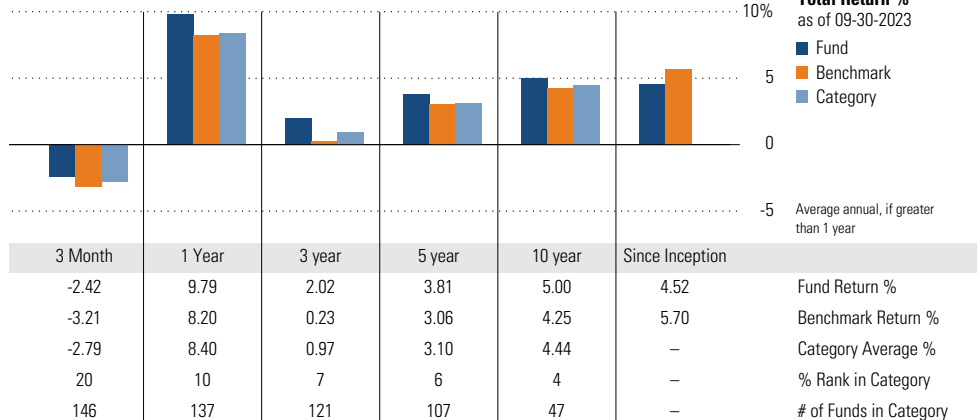
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
ESG Commitment	1-Low	02-15-2022

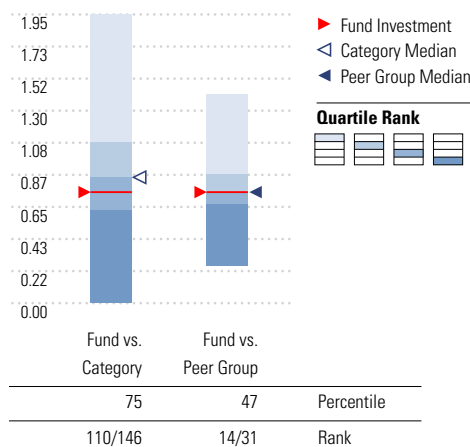
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.77	-	0.81
Beta	0.95	-	0.90
R-Squared	97.82	-	97.66
Standard Deviation	10.16	10.54	9.57
Sharpe Ratio	0.05	-0.12	-0.06
Tracking Error	1.58	-	1.88
Information Ratio	1.13	-	0.47
Up Capture Ratio	100.38	-	91.61
Down Capture Ratio	88.22	-	85.97

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.48	17.77	18.18
Price/Book Ratio	2.65	2.46	2.74
Avg Eff Duration	6.14	-	5.88

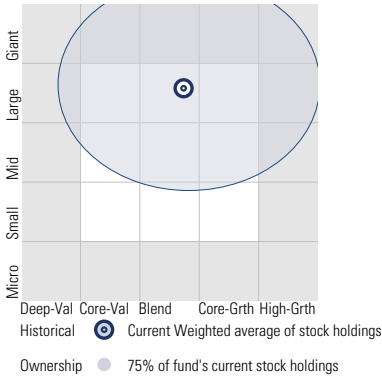
# T. Rowe Price Retirement 2015 Advisor PARHX

**Morningstar Category**  
Target-Date 2015

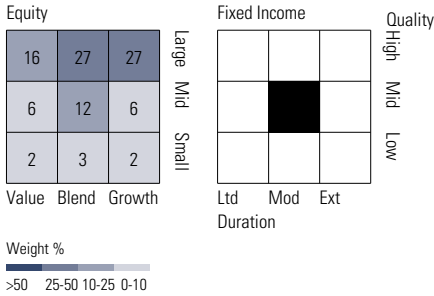
**Morningstar Index**  
Morningstar Lifetime Mod 2015 TR USD

## Style Analysis as of 09-30-2023

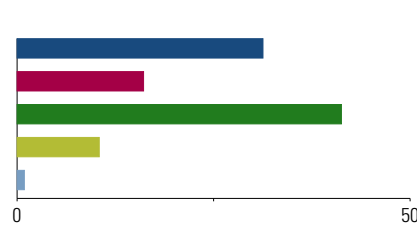
Morningstar Style Box™



## Style Breakdown

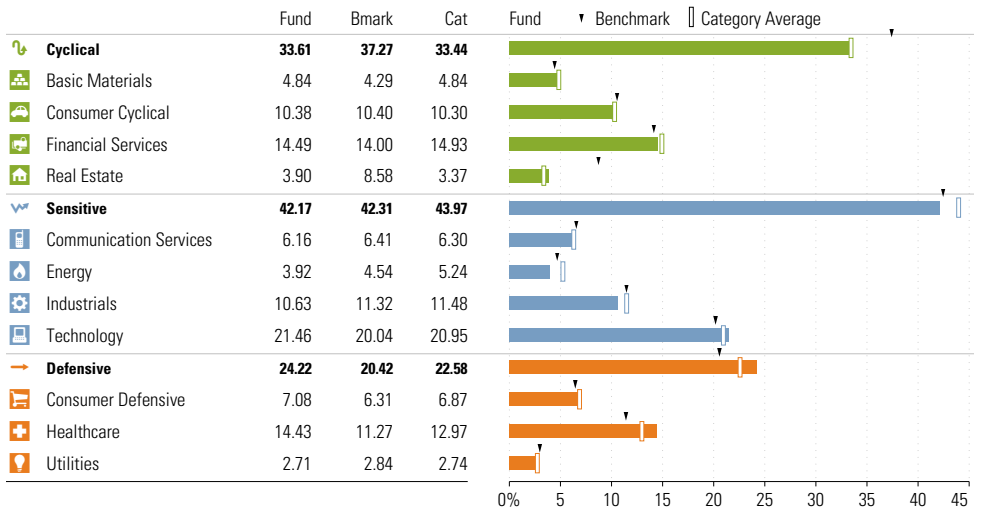


## Asset Allocation as of 09-30-2023



Asset Class	Net %	Cat%
US Stocks	31.28	25.52
Non-US Stocks	16.09	14.35
Bonds	41.26	51.48
Cash	10.45	3.78
Other	0.92	4.88
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2023



## Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ T. Rowe Price New Income Z	—	13.90	13.90	—	—
⊖ T. Rowe Price Ltd Dur Infl Focus Bd Z	—	12.33	26.23	—	—
⊖ T. Rowe Price Growth Stock Z	—	8.29	34.52	—	—
⊖ T. Rowe Price Value Z	—	7.92	42.45	—	—
⊖ T. Rowe Price Equity Index 500 Z	—	5.18	47.63	—	—
⊖ T. Rowe Price Intl Bd (USD Hdgd) Z	—	5.01	52.64	—	—
⊖ T. Rowe Price Overseas Stock Z	—	4.15	56.79	—	—
⊖ T. Rowe Price Emerging Markets Bond Z	—	3.74	60.53	—	—
⊕ T. Rowe Price US Trs Long-Term Idx Z	—	3.63	64.16	—	—
⊕ T. Rowe Price Dynamic Global Bond Z	—	3.58	67.74	—	—

## Total Holdings 31

⊕ 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 8.17 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 34.48% higher than the Target-Date 2020 category average.

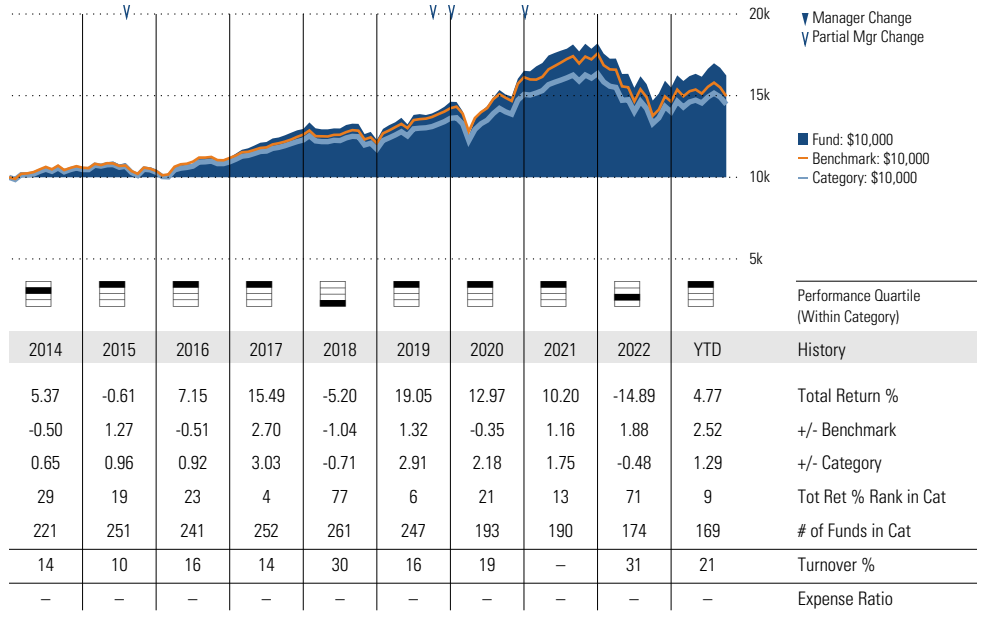
## Morningstar Investment Management LLC Analysis

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

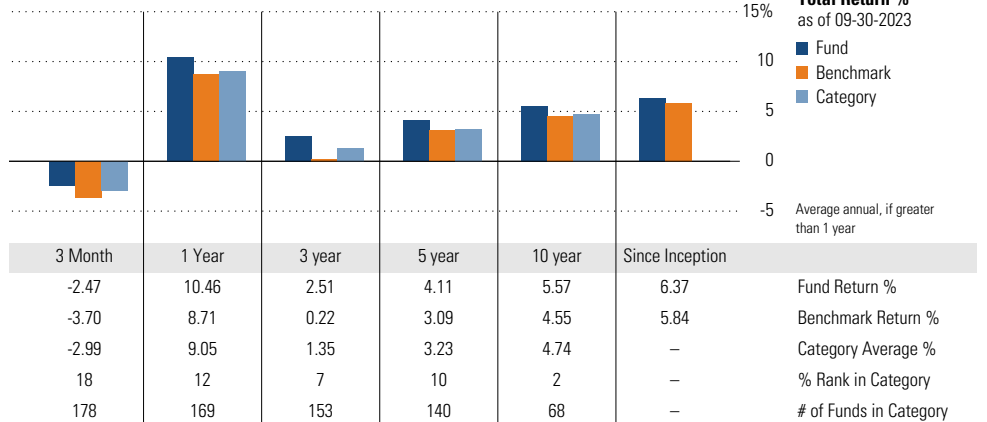
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
ESG Commitment	1-Low	02-15-2022

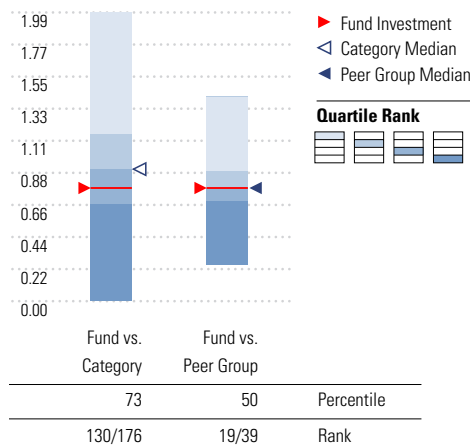
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	2.25	-	1.10
Beta	0.93	-	0.88
R-Squared	97.73	-	97.66
Standard Deviation	10.77	11.49	10.24
Sharpe Ratio	0.09	-0.10	-0.02
Tracking Error	1.83	-	2.17
Information Ratio	1.25	-	0.58
Up Capture Ratio	98.45	-	91.07
Down Capture Ratio	84.22	-	84.06

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.47	17.60	18.43
Price/Book Ratio	2.65	2.43	2.67
Avg Eff Duration	6.28	-	5.99

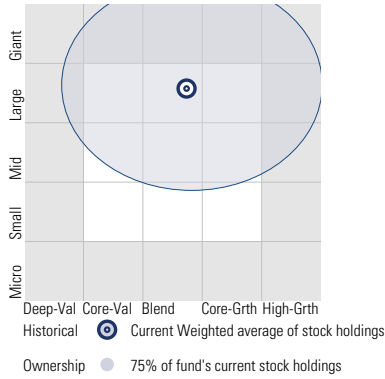
# T. Rowe Price Retirement 2020 Advisor PARBX

**Morningstar Category**  
Target-Date 2020

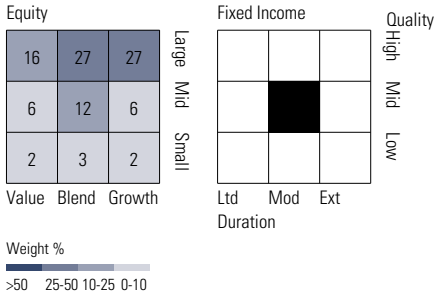
**Morningstar Index**  
Morningstar Lifetime Mod 2020 TR USD

## Style Analysis as of 09-30-2023

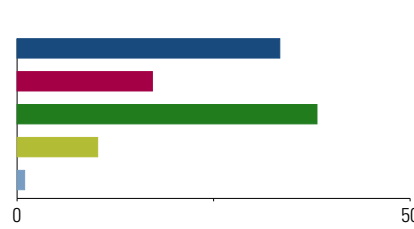
Morningstar Style Box™



## Style Breakdown

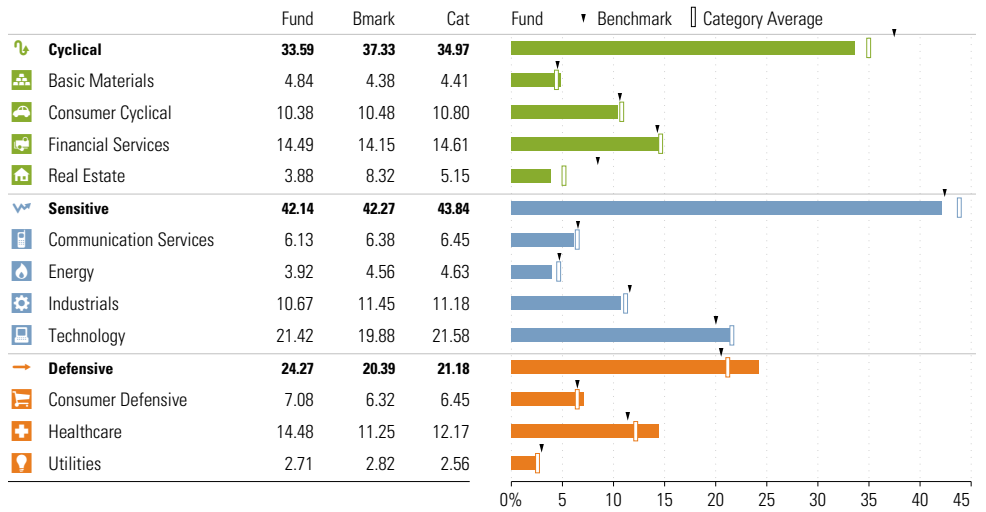


## Asset Allocation as of 09-30-2023



Asset Class	Net %	Cat%
US Stocks	33.42	26.35
Non-US Stocks	17.21	14.08
Bonds	38.15	49.41
Cash	10.25	2.01
Other	0.96	8.15
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2023



## Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ T. Rowe Price New Income Z	—	13.41	13.41	—	—
⊖ T. Rowe Price Ltd Dur Infl Focus Bd Z	—	10.41	23.82	—	—
⊖ T. Rowe Price Growth Stock Z	—	8.78	32.60	—	—
⊖ T. Rowe Price Value Z	—	8.54	41.15	—	—
⊖ T. Rowe Price Equity Index 500 Z	—	5.42	46.57	—	—
⊖ T. Rowe Price Intl Bd (USD Hdgd) Z	—	4.76	51.33	—	—
⊖ T. Rowe Price Overseas Stock Z	—	4.40	55.72	—	—
⊖ T. Rowe Price International Value Eq Z	—	3.82	59.54	—	—
⊖ T. Rowe Price International Stock Z	—	3.71	63.25	—	—
⊕ T. Rowe Price US Trs Long-Term Idx Z	—	3.62	66.87	—	—

## Total Holdings 31

⊕ 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 8.17 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 0.79 is 31.67% higher than the Target-Date 2025 category average.

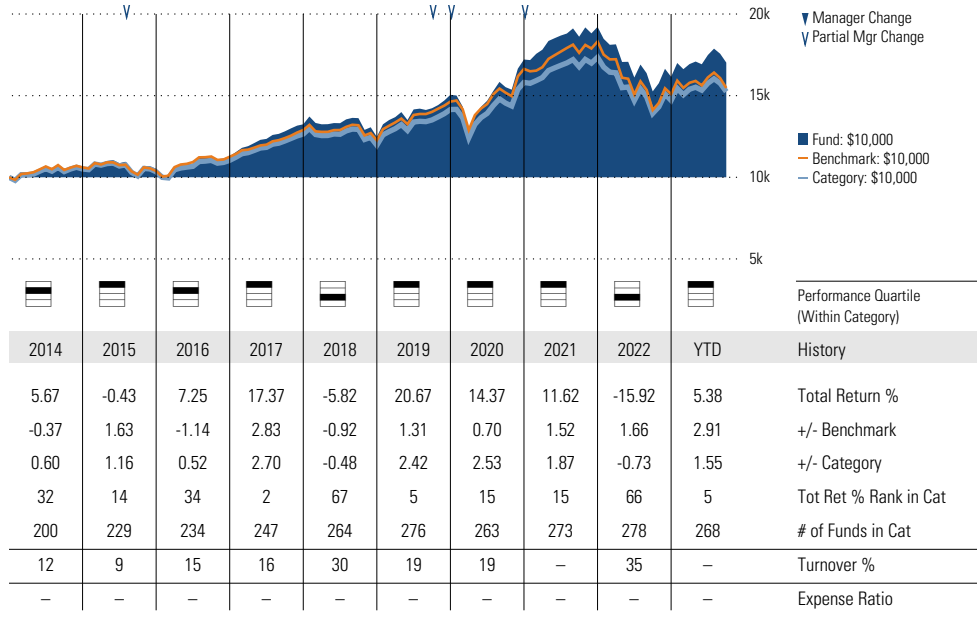
## Morningstar Investment Management LLC Analysis

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.

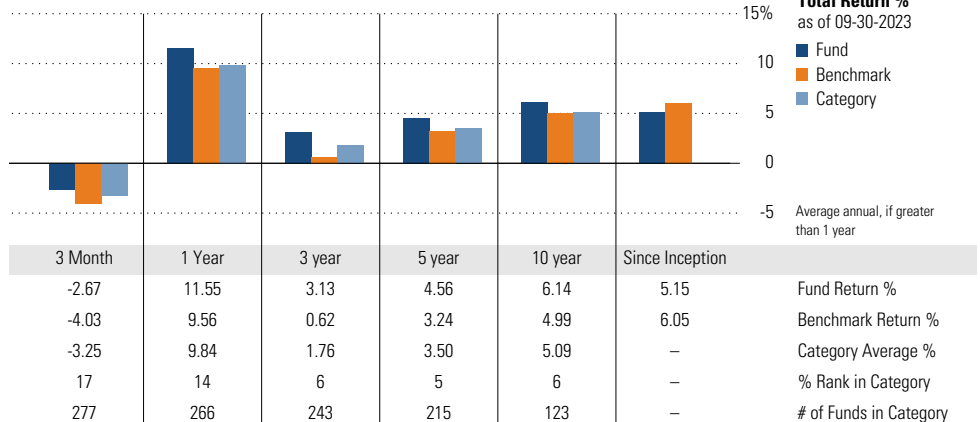
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
ESG Commitment	1-Low	02-15-2022
Carbon Risk Score	Low Risk	12-31-2021

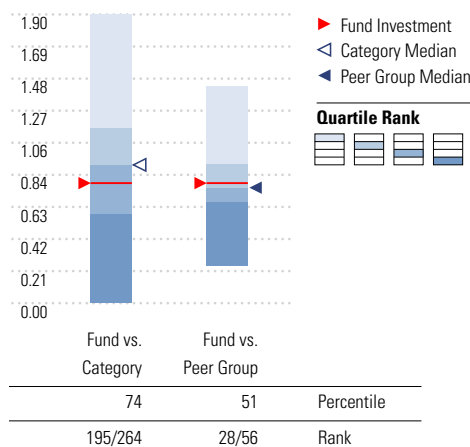
## Growth of \$10,000



## 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	2.47	-	1.05
Beta	0.94	-	0.87
R-Squared	97.79	-	97.96
Standard Deviation	11.83	12.44	10.95
Sharpe Ratio	0.15	-0.05	0.01
Tracking Error	1.91	-	2.37
Information Ratio	1.31	-	0.56
Up Capture Ratio	103.67	-	91.09
Down Capture Ratio	89.29	-	84.91

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.48	17.42	18.55
Price/Book Ratio	2.65	2.40	2.67
Avg Eff Duration	6.57	-	5.81

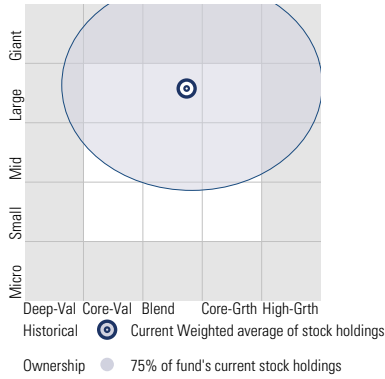
# T. Rowe Price Retirement 2025 Advisor PARJX

**Morningstar Category**  
Target-Date 2025

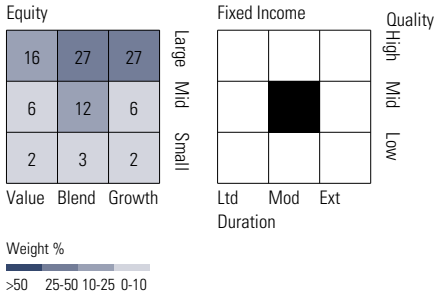
**Morningstar Index**  
Morningstar Lifetime Mod 2025 TR USD

## Style Analysis as of 09-30-2023

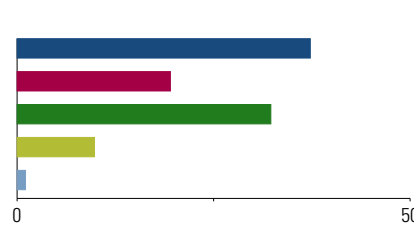
Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 09-30-2023



Asset Class	Net %	Cat%
US Stocks	37.30	29.48
Non-US Stocks	19.50	14.63
Bonds	32.28	42.50
Cash	9.84	2.65
Other	1.06	10.74
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2023

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>33.56</b>	<b>37.32</b>	<b>34.72</b>			
Basic Materials	4.82	4.48	4.27			
Consumer Cyclical	10.38	10.55	10.80			
Financial Services	14.51	14.30	14.40			
Real Estate	3.85	7.99	5.25			
<b>Sensitive</b>	<b>42.15</b>	<b>42.26</b>	<b>43.89</b>			
Communication Services	6.13	6.35	6.55			
Energy	3.92	4.59	4.57			
Industrials	10.67	11.58	10.93			
Technology	21.43	19.74	21.84			
<b>Defensive</b>	<b>24.28</b>	<b>20.43</b>	<b>21.39</b>			
Consumer Defensive	7.10	6.35	6.51			
Healthcare	14.47	11.24	12.14			
Utilities	2.71	2.84	2.74			

## Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price New Income Z	—	12.15	12.15	—	—
⊖ T. Rowe Price Growth Stock Z	—	9.88	22.04	—	—
⊖ T. Rowe Price Value Z	—	9.65	31.69	—	—
⊕ T. Rowe Price Ltd Dur Infl Focus Bd Z	—	7.43	39.11	—	—
⊖ T. Rowe Price Equity Index 500 Z	—	6.14	45.25	—	—
⊖ T. Rowe Price Overseas Stock Z	—	4.97	50.22	—	—
⊖ T. Rowe Price International Value Eq Z	—	4.30	54.51	—	—
⊖ T. Rowe Price Intl Bd (USD Hdgd) Z	—	4.29	58.80	—	—
⊖ T. Rowe Price International Stock Z	—	4.26	63.06	—	—
⊕ T. Rowe Price US Large-Cap Core Z	—	3.86	66.93	—	—

## Total Holdings 31

⊕ 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 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 8.17 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 0.82 is 30.16% higher than the Target-Date 2030 category average.

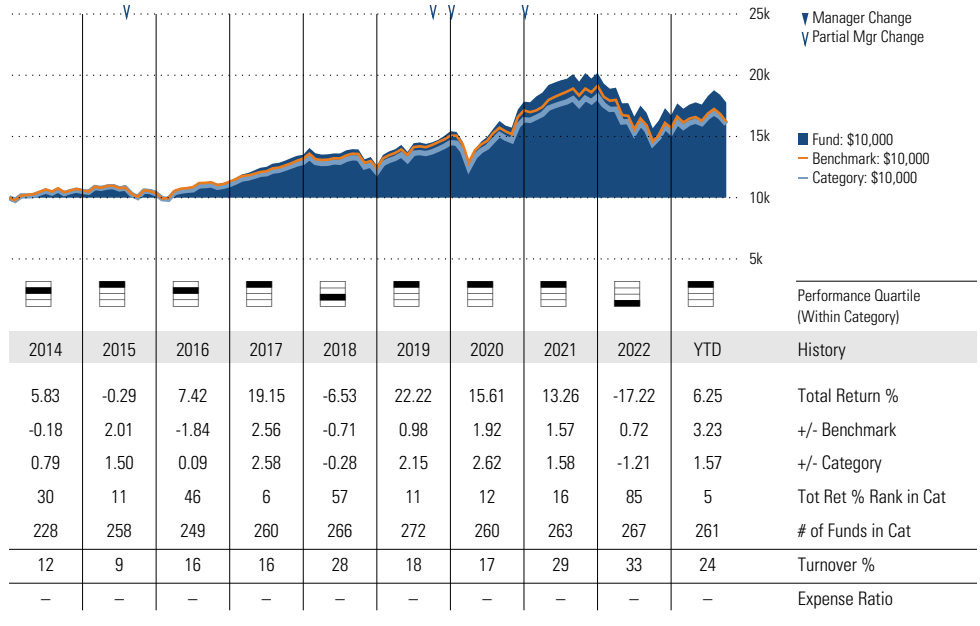
## Morningstar Investment Management LLC Analysis

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.

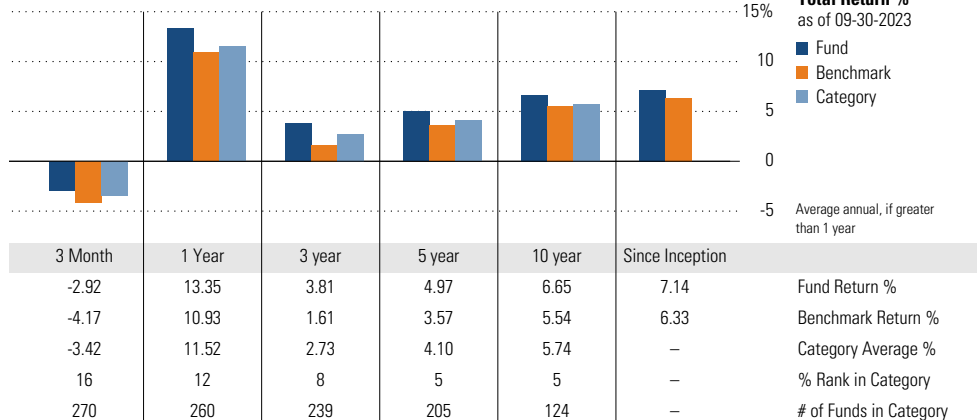
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

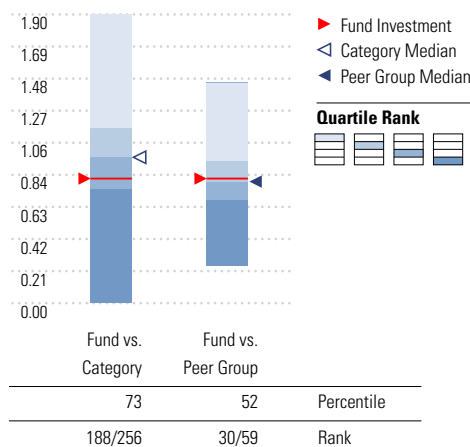
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	2.18	-	1.18
Beta	0.97	-	0.91
R-Squared	98.28	-	98.28
Standard Deviation	13.21	13.50	12.37
Sharpe Ratio	0.19	0.03	0.11
Tracking Error	1.78	-	2.14
Information Ratio	1.24	-	0.62
Up Capture Ratio	104.70	-	95.10
Down Capture Ratio	93.20	-	88.80

## Portfolio Metrics

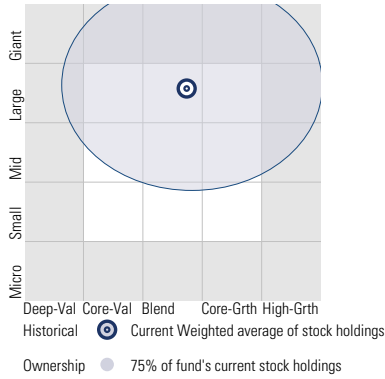
	Fund	Bmark	Cat
Price/Earnings Ratio	18.47	17.24	18.53
Price/Book Ratio	2.65	2.37	2.75
Avg Eff Duration	7.30	-	5.85

# T. Rowe Price Retirement 2030 Advisor PARCX

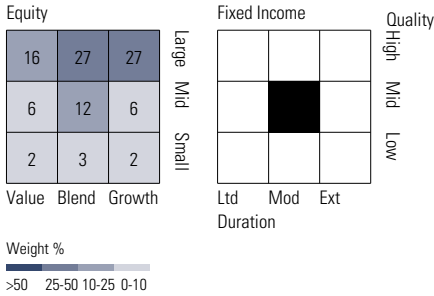
**Morningstar Category**  
Target-Date 2030

**Morningstar Index**  
Morningstar Lifetime Mod 2030 TR USD

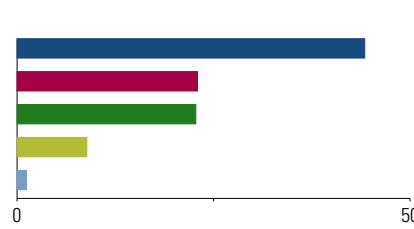
**Style Analysis** as of 09-30-2023  
Morningstar Style Box™



**Style Breakdown**

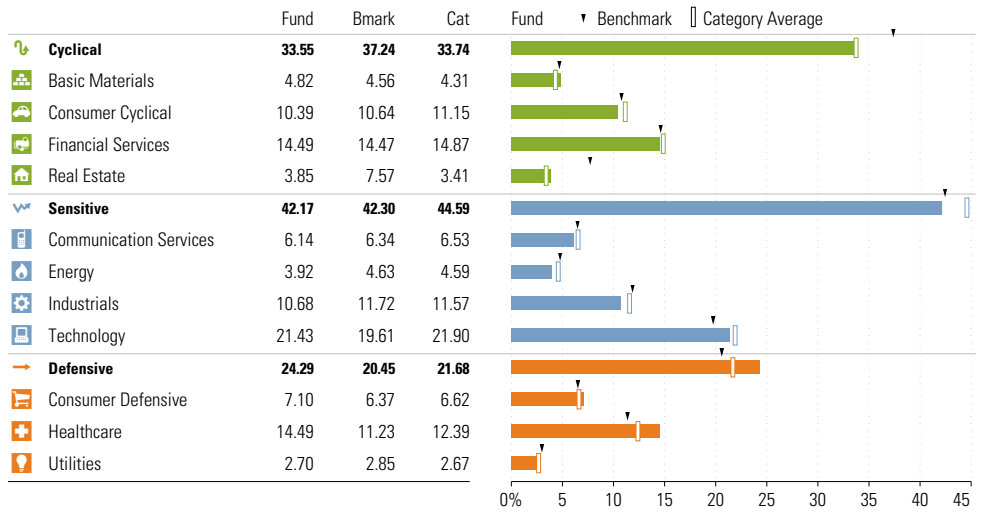


**Asset Allocation** as of 09-30-2023



Asset Class	Net %	Cat%
US Stocks	44.23	35.41
Non-US Stocks	22.95	18.47
Bonds	22.74	33.26
Cash	8.87	1.01
Other	1.20	11.85
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2023



**Top 10 Holdings** as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ T. Rowe Price Growth Stock Z	-	11.68	11.68	-	-
⊖ T. Rowe Price Value Z	-	11.35	23.03	-	-
⊕ T. Rowe Price New Income Z	-	9.90	32.93	-	-
⊖ T. Rowe Price Equity Index 500 Z	-	7.10	40.03	-	-
⊖ T. Rowe Price Overseas Stock Z	-	5.87	45.91	-	-
⊖ T. Rowe Price International Value Eq Z	-	5.07	50.97	-	-
⊖ T. Rowe Price International Stock Z	-	4.99	55.97	-	-
⊕ T. Rowe Price US Large-Cap Core Z	-	4.58	60.54	-	-
⊕ T. Rowe Price US Trs Long-Term Idx Z	-	3.73	64.27	-	-
⊕ T. Rowe Price Intl Bd (USD Hdgd) Z	-	3.45	67.72	-	-

**Total Holdings** 31

⊕ 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 8.17 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 35.48% higher than the Target-Date 2035 category average.

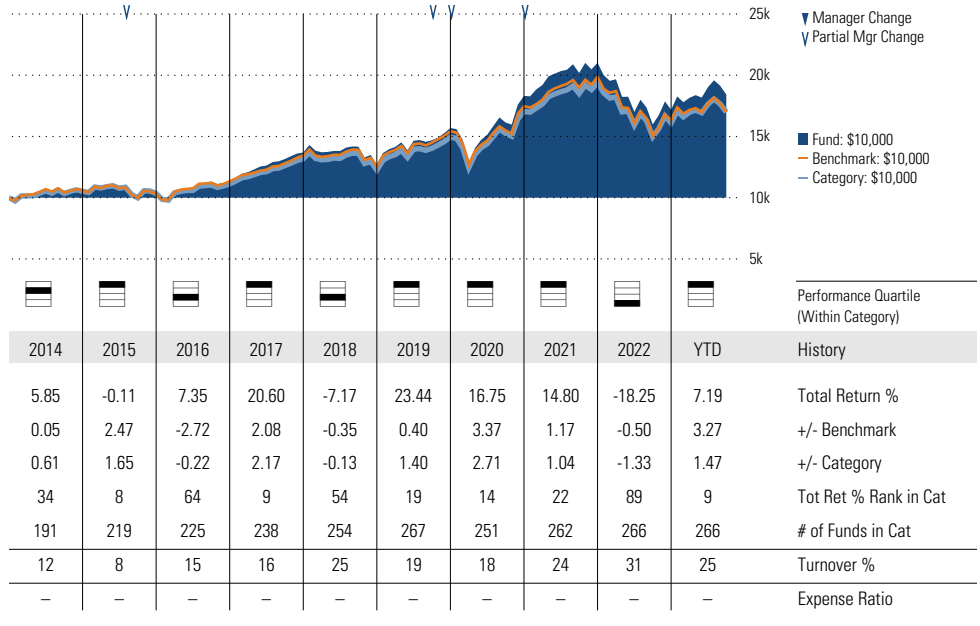
## Morningstar Investment Management LLC Analysis

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.

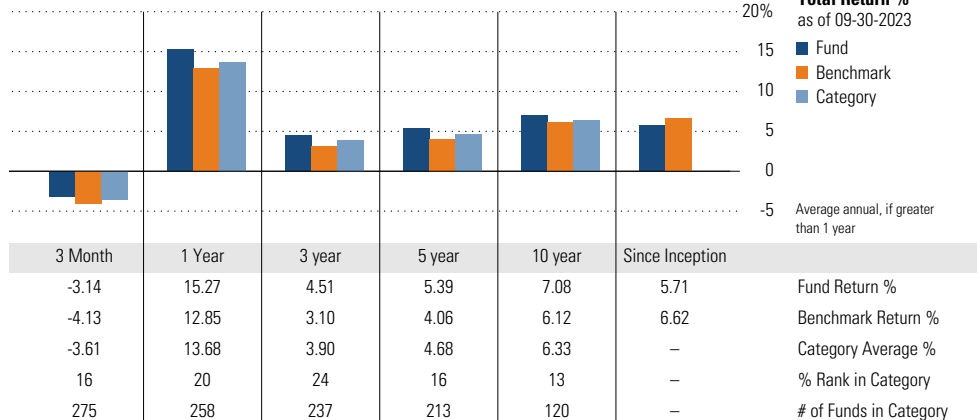
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

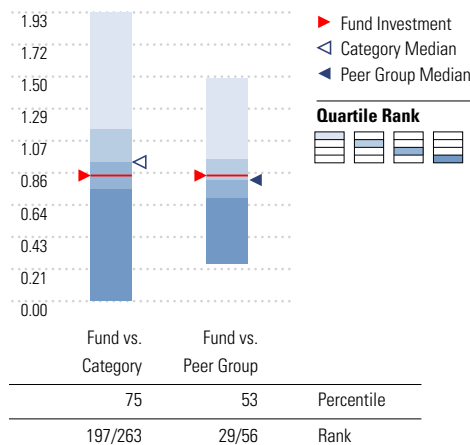
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.40	-	0.97
Beta	0.98	-	0.94
R-Squared	98.63	-	98.48
Standard Deviation	14.49	14.62	13.83
Sharpe Ratio	0.23	0.14	0.20
Tracking Error	1.71	-	2.06
Information Ratio	0.82	-	0.51
Up Capture Ratio	103.38	-	97.43
Down Capture Ratio	96.74	-	92.79

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.48	17.07	18.50
Price/Book Ratio	2.65	2.34	2.71
Avg Eff Duration	8.10	-	6.11

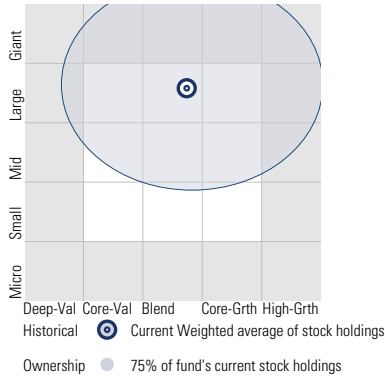
# T. Rowe Price Retirement 2035 Advisor PARKX

**Morningstar Category**  
Target-Date 2035

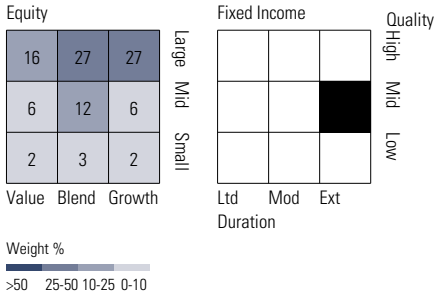
**Morningstar Index**  
Morningstar Lifetime Mod 2035 TR USD

## Style Analysis as of 09-30-2023

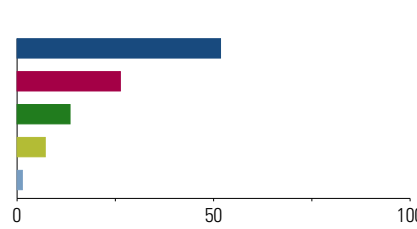
Morningstar Style Box™



## Style Breakdown

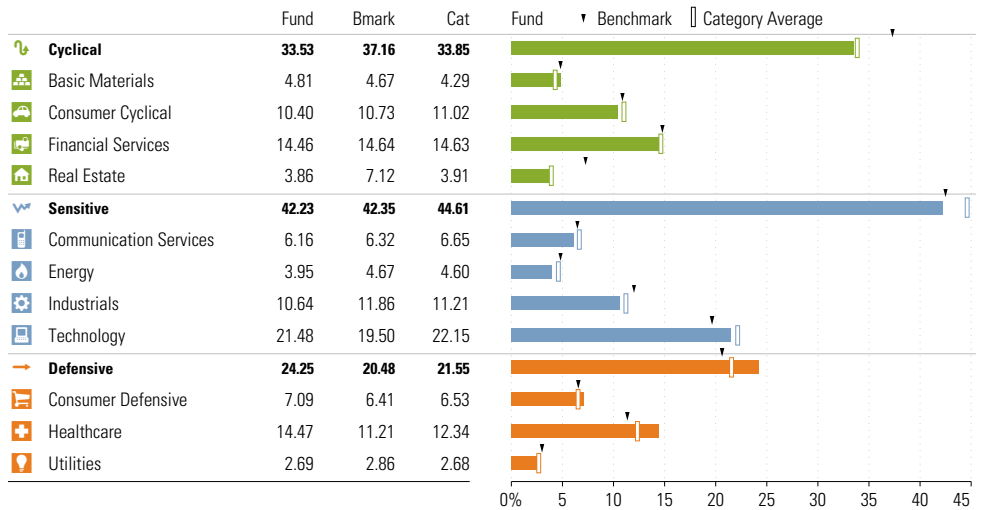


## Asset Allocation as of 09-30-2023



Asset Class	Net %	Cat%
US Stocks	51.76	42.75
Non-US Stocks	26.27	21.09
Bonds	13.47	22.52
Cash	7.16	1.63
Other	1.33	12.02
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2023



## Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ T. Rowe Price Growth Stock Z	—	13.50	13.50	—	—
⊖ T. Rowe Price Value Z	—	12.95	26.44	—	—
⊖ T. Rowe Price Equity Index 500 Z	—	8.45	34.90	—	—
⊖ T. Rowe Price Overseas Stock Z	—	6.77	41.66	—	—
⊕ T. Rowe Price New Income Z	—	6.74	48.40	—	—
⊖ T. Rowe Price International Value Eq Z	—	5.83	54.23	—	—
⊖ T. Rowe Price International Stock Z	—	5.64	59.88	—	—
⊕ T. Rowe Price US Large-Cap Core Z	—	5.32	65.19	—	—
⊕ T. Rowe Price Real Assets Z	—	3.94	69.13	—	—
⊖ T. Rowe Price Mid-Cap Growth Z	—	3.22	72.35	—	—

## Total Holdings 31

⊕ 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 8.17 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 28.79% higher than the Target-Date 2040 category average.

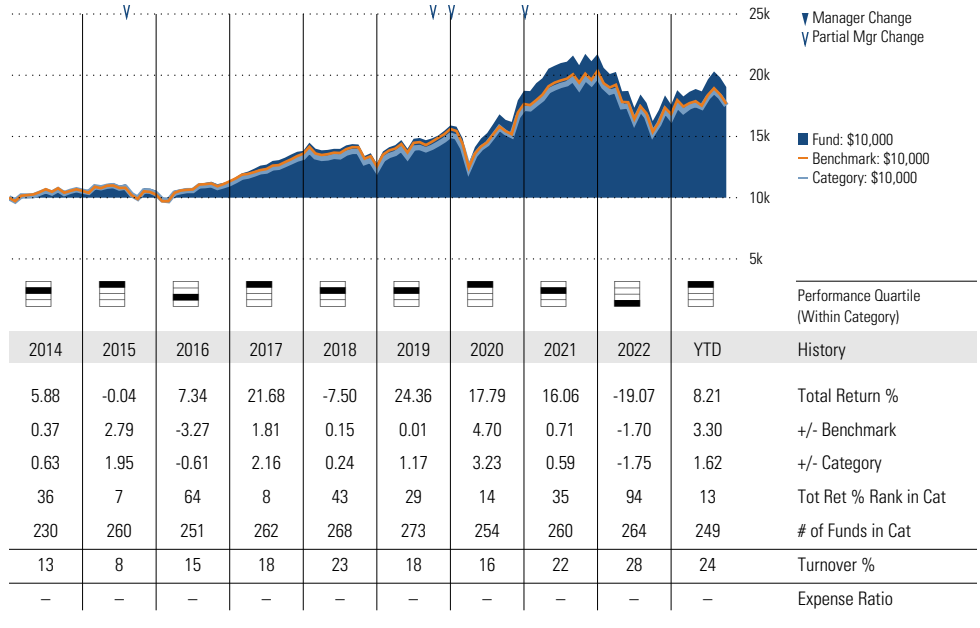
## Morningstar Investment Management LLC Analysis

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.

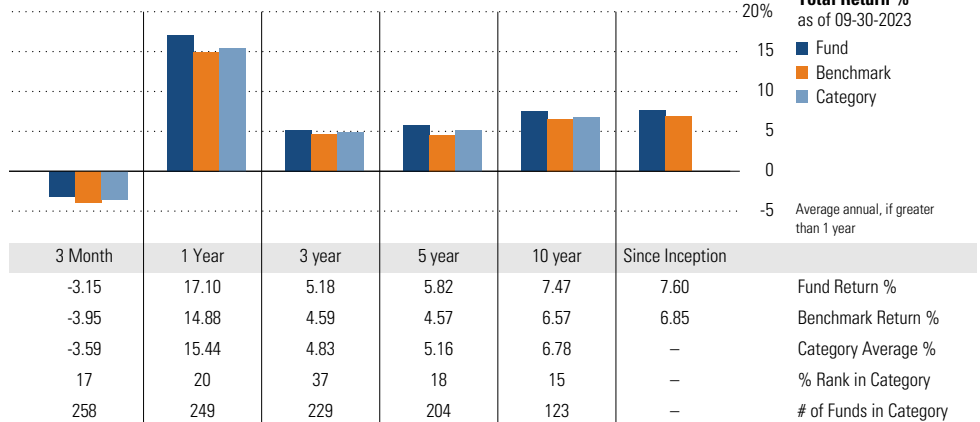
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

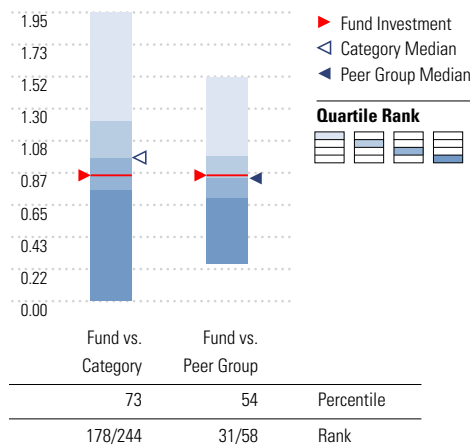
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.62	-	0.45
Beta	0.99	-	0.95
R-Squared	98.67	-	98.40
Standard Deviation	15.55	15.62	14.97
Sharpe Ratio	0.27	0.23	0.25
Tracking Error	1.80	-	2.19
Information Ratio	0.33	-	0.20
Up Capture Ratio	101.54	-	97.38
Down Capture Ratio	98.97	-	95.57

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.48	16.90	18.51
Price/Book Ratio	2.65	2.31	2.74
Avg Eff Duration	8.35	-	6.11

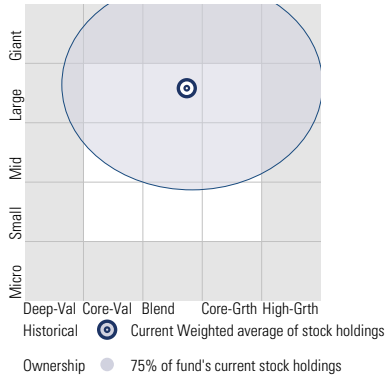
# T. Rowe Price Retirement 2040 Advisor PARDX

**Morningstar Category**  
Target-Date 2040

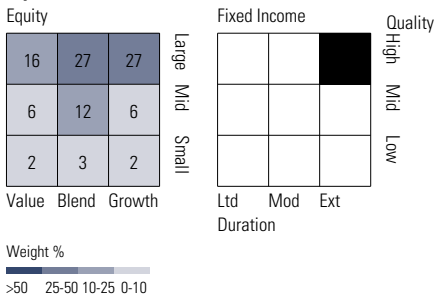
**Morningstar Index**  
Morningstar Lifetime Mod 2040 TR USD

## Style Analysis as of 09-30-2023

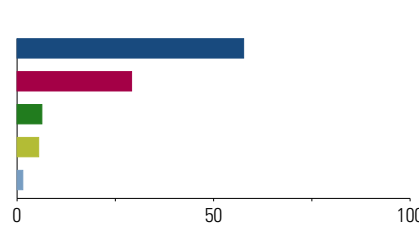
Morningstar Style Box™



## Style Breakdown

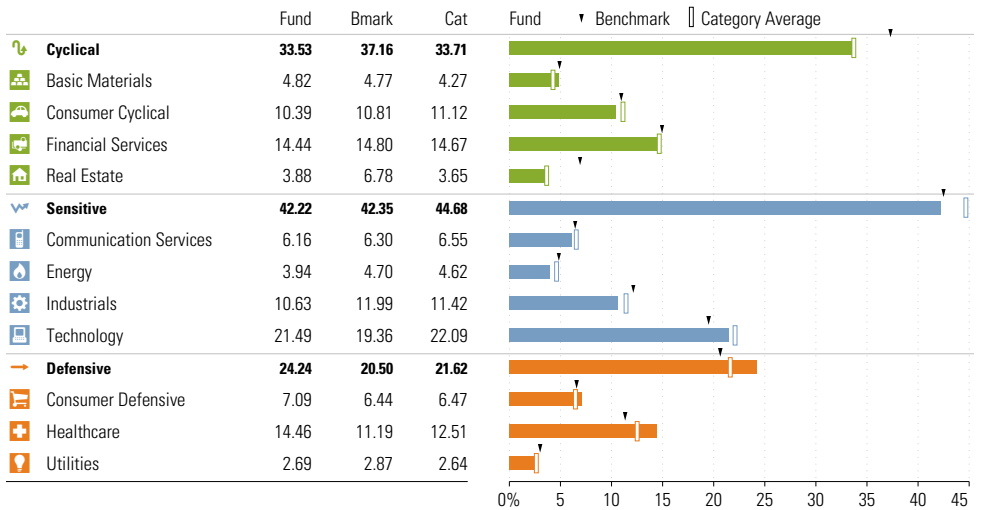


## Asset Allocation as of 09-30-2023



Asset Class	Net %	Cat%
US Stocks	57.64	49.37
Non-US Stocks	29.13	24.30
Bonds	6.30	12.60
Cash	5.49	1.13
Other	1.45	12.62
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2023



## Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ T. Rowe Price Growth Stock Z	—	14.98	14.98	—	—
⊖ T. Rowe Price Value Z	—	14.30	29.28	—	—
⊖ T. Rowe Price Equity Index 500 Z	—	9.27	38.55	—	—
⊖ T. Rowe Price Overseas Stock Z	—	7.48	46.03	—	—
⊖ T. Rowe Price International Value Eq Z	—	6.47	52.49	—	—
⊖ T. Rowe Price International Stock Z	—	6.26	58.75	—	—
⊕ T. Rowe Price US Large-Cap Core Z	—	5.93	64.68	—	—
⊕ T. Rowe Price Real Assets Z	—	4.41	69.09	—	—
⊖ T. Rowe Price Mid-Cap Growth Z	—	3.58	72.66	—	—
⊖ T. Rowe Price Mid-Cap Value Z	—	3.26	75.92	—	—

## Total Holdings 31

⊕ 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 8.17 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 35.94% higher than the Target-Date 2045 category average.

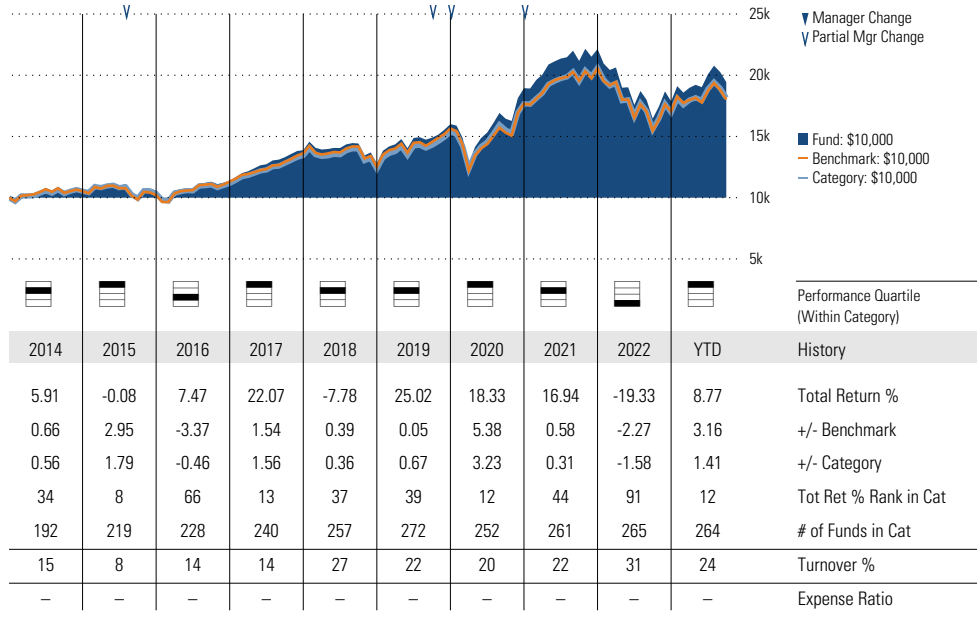
## Morningstar Investment Management LLC Analysis

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.

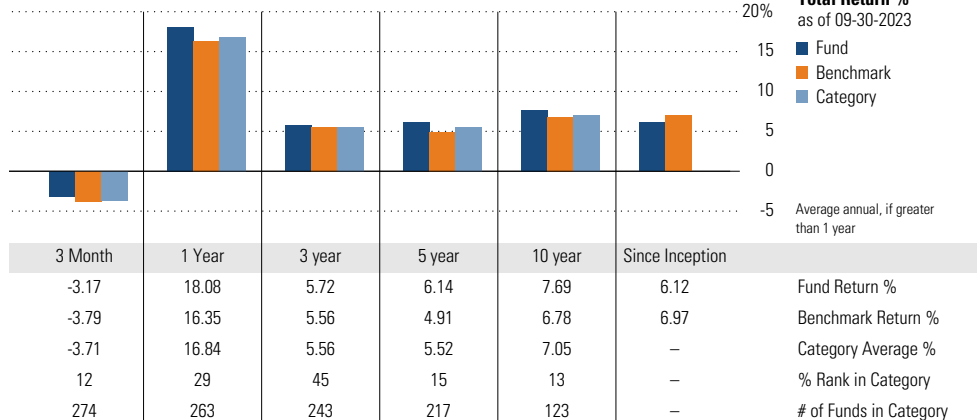
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

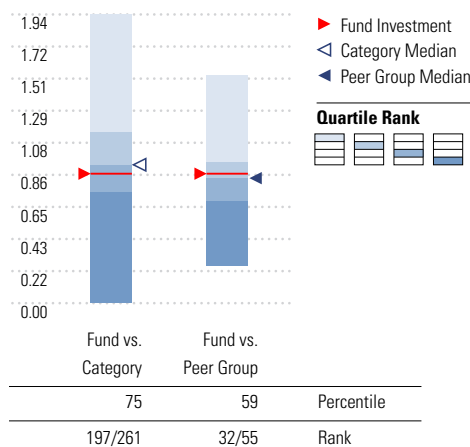
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.24	-	0.10
Beta	0.98	-	0.96
R-Squared	98.63	-	98.38
Standard Deviation	16.14	16.29	15.81
Sharpe Ratio	0.30	0.29	0.28
Tracking Error	1.91	-	2.19
Information Ratio	0.08	-	0.01
Up Capture Ratio	100.35	-	98.04
Down Capture Ratio	99.69	-	97.98

## Portfolio Metrics

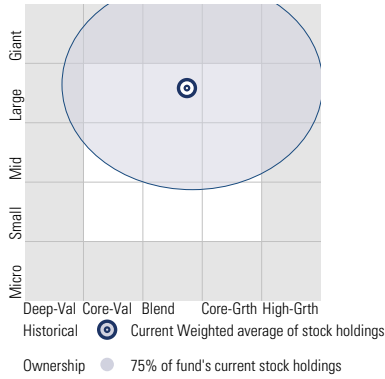
	Fund	Bmark	Cat
Price/Earnings Ratio	18.50	16.76	18.33
Price/Book Ratio	2.66	2.28	2.67
Avg Eff Duration	8.94	-	6.74

# T. Rowe Price Retirement 2045 Advisor PARLX

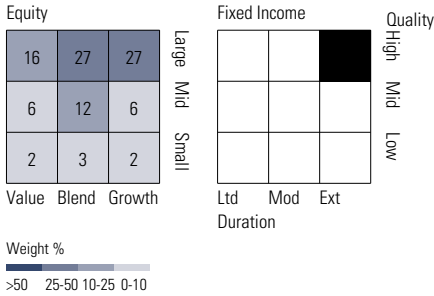
**Morningstar Category**  
Target-Date 2045

**Morningstar Index**  
Morningstar Lifetime Mod 2045 TR USD

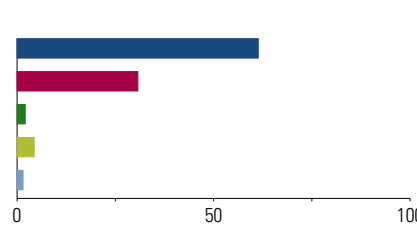
**Style Analysis** as of 09-30-2023  
Morningstar Style Box™



**Style Breakdown**

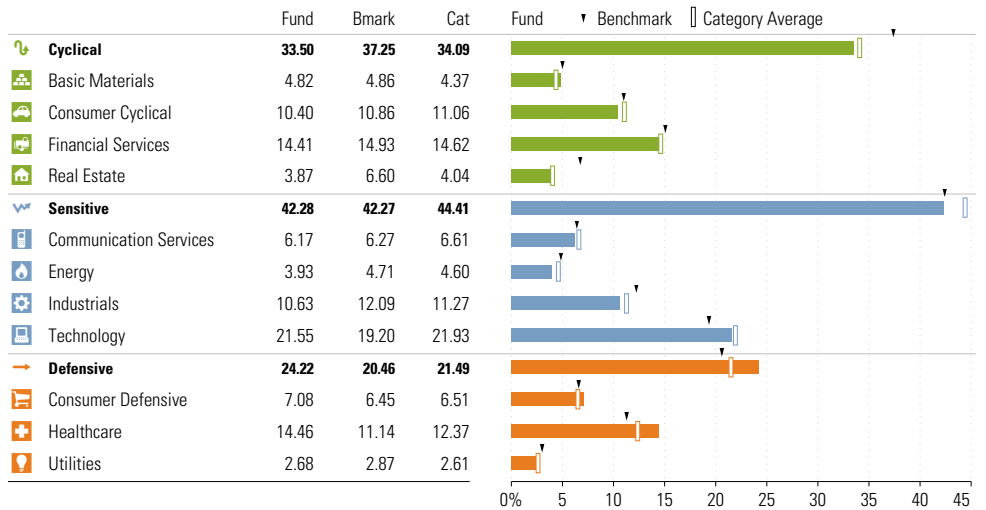


**Asset Allocation** as of 09-30-2023



Asset Class	Net %	Cat%
US Stocks	61.36	52.76
Non-US Stocks	30.72	27.21
Bonds	2.07	7.95
Cash	4.34	1.22
Other	1.51	10.87
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2023



**Top 10 Holdings** as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ T. Rowe Price Growth Stock Z	-	15.87	15.87	-	-
⊖ T. Rowe Price Value Z	-	14.99	30.86	-	-
⊖ T. Rowe Price Equity Index 500 Z	-	10.06	40.92	-	-
⊖ T. Rowe Price Overseas Stock Z	-	7.92	48.84	-	-
⊖ T. Rowe Price International Value Eq Z	-	6.83	55.67	-	-
⊖ T. Rowe Price International Stock Z	-	6.60	62.27	-	-
⊕ T. Rowe Price US Large-Cap Core Z	-	6.30	68.57	-	-
⊕ T. Rowe Price Real Assets Z	-	4.67	73.24	-	-
⊕ T. Rowe Price Mid-Cap Growth Z	-	3.78	77.02	-	-
⊖ T. Rowe Price Mid-Cap Value Z	-	3.40	80.42	-	-

**Total Holdings 28**

⊕ 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 8.17 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 33.33% higher than the Target-Date 2050 category average.

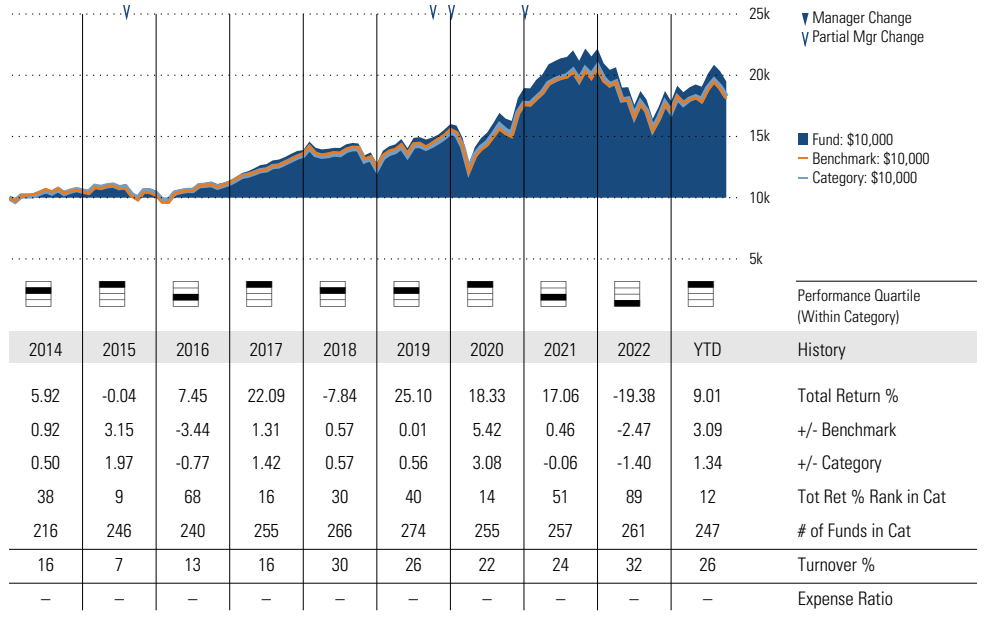
## Morningstar Investment Management LLC Analysis

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.

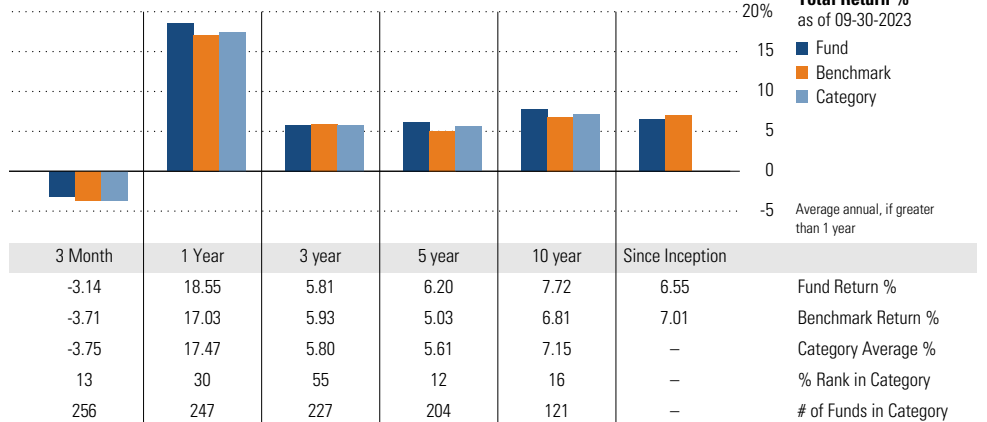
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

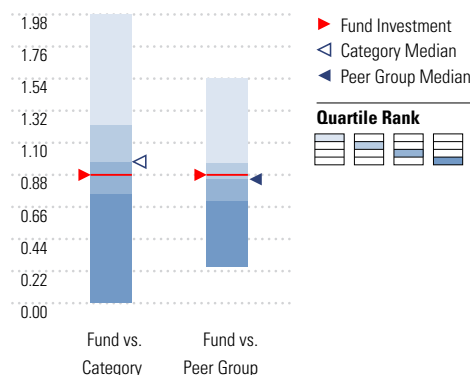
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.02	-	-0.06
Beta	0.98	-	0.97
R-Squared	98.54	-	98.24
Standard Deviation	16.29	16.58	16.20
Sharpe Ratio	0.30	0.31	0.29
Tracking Error	2.01	-	2.24
Information Ratio	-0.06	-	-0.09
Up Capture Ratio	99.18	-	98.54
Down Capture Ratio	99.55	-	99.27

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.50	16.63	18.33
Price/Book Ratio	2.66	2.25	2.67
Avg Eff Duration	7.95	-	6.59

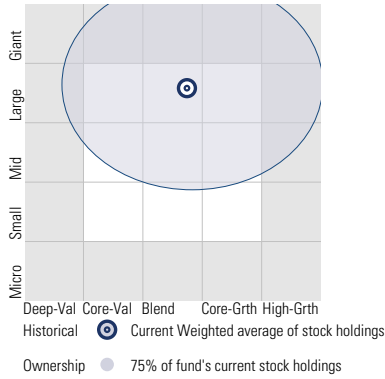
# T. Rowe Price Retirement 2050 Advisor PARFX

**Morningstar Category**  
Target-Date 2050

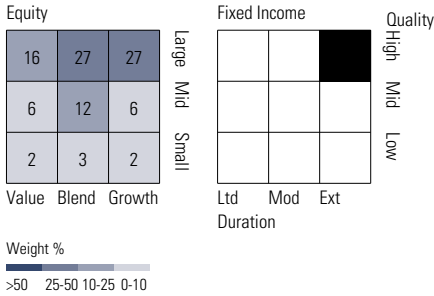
**Morningstar Index**  
Morningstar Lifetime Mod 2050 TR USD

## Style Analysis as of 09-30-2023

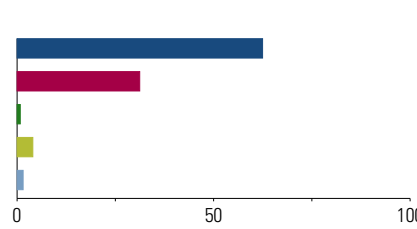
Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 09-30-2023



Asset Class	Net %	Cat%
US Stocks	62.46	55.24
Non-US Stocks	31.20	28.24
Bonds	0.80	5.60
Cash	4.00	1.16
Other	1.53	9.76
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2023

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>33.51</b>	<b>37.47</b>	<b>34.36</b>			
Basic Materials	4.83	4.94	4.34			
Consumer Cyclical	10.39	10.91	11.07			
Financial Services	14.41	15.04	14.63			
Real Estate	3.88	6.58	4.32			
<b>Sensitive</b>	<b>42.27</b>	<b>42.13</b>	<b>44.29</b>			
Communication Services	6.16	6.23	6.57			
Energy	3.94	4.73	4.55			
Industrials	10.63	12.17	11.35			
Technology	21.54	19.00	21.82			
<b>Defensive</b>	<b>24.23</b>	<b>20.40</b>	<b>21.36</b>			
Consumer Defensive	7.08	6.46	6.47			
Healthcare	14.47	11.08	12.32			
Utilities	2.68	2.86	2.57			

## Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ T. Rowe Price Growth Stock Z	—	16.12	16.12	—	—
⊖ T. Rowe Price Value Z	—	15.22	31.35	—	—
⊖ T. Rowe Price Equity Index 500 Z	—	10.18	41.53	—	—
⊖ T. Rowe Price Overseas Stock Z	—	8.06	49.59	—	—
⊖ T. Rowe Price International Value Eq Z	—	6.95	56.54	—	—
⊖ T. Rowe Price International Stock Z	—	6.69	63.24	—	—
⊕ T. Rowe Price US Large-Cap Core Z	—	6.40	69.64	—	—
⊕ T. Rowe Price Real Assets Z	—	4.78	74.42	—	—
⊕ T. Rowe Price Mid-Cap Growth Z	—	3.84	78.26	—	—
⊖ T. Rowe Price Mid-Cap Value Z	—	3.45	81.71	—	—

## Total Holdings 28

⊕ 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 8.17 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 39.06% higher than the Target-Date 2055 category average.

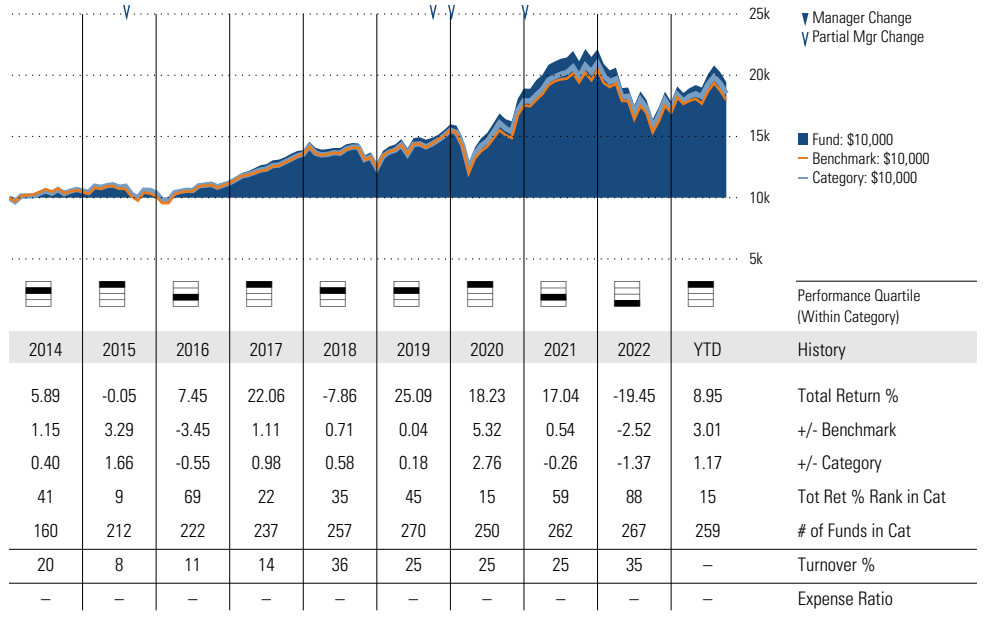
## Morningstar Investment Management LLC Analysis

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	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

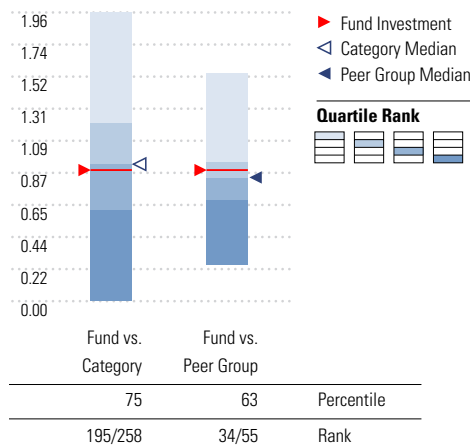
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.02	-	0.03
Beta	0.97	-	0.97
R-Squared	98.51	-	98.19
Standard Deviation	16.32	16.66	16.37
Sharpe Ratio	0.30	0.31	0.30
Tracking Error	2.04	-	2.24
Information Ratio	-0.09	-	-0.04
Up Capture Ratio	99.01	-	99.47
Down Capture Ratio	99.58	-	99.88

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.49	16.51	18.11
Price/Book Ratio	2.66	2.22	2.65
Avg Eff Duration	7.82	-	7.49

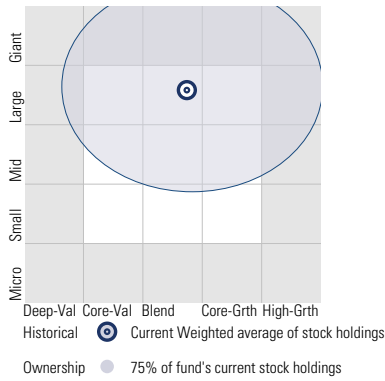
# T. Rowe Price Retirement 2055 Advisor PAROX

**Morningstar Category**  
Target-Date 2055

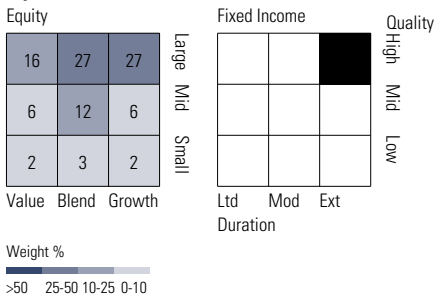
**Morningstar Index**  
Morningstar Lifetime Mod 2055 TR USD

## Style Analysis as of 09-30-2023

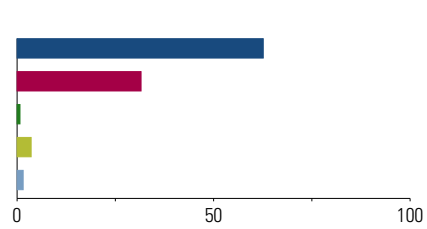
Morningstar Style Box™



## Style Breakdown

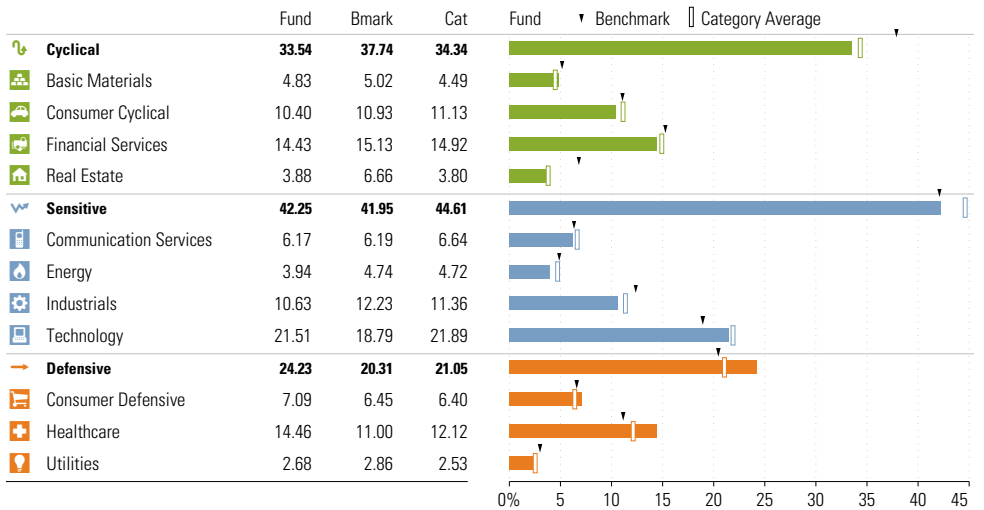


## Asset Allocation as of 09-30-2023



Asset Class	Net %	Cat%
US Stocks	62.63	54.00
Non-US Stocks	31.54	28.85
Bonds	0.73	5.90
Cash	3.57	1.06
Other	1.54	10.20
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2023



## Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ T. Rowe Price Growth Stock Z	—	16.23	16.23	—	—
⊖ T. Rowe Price Value Z	—	15.48	31.71	—	—
⊖ T. Rowe Price Equity Index 500 Z	—	10.24	41.95	—	—
⊖ T. Rowe Price Overseas Stock Z	—	8.10	50.05	—	—
⊖ T. Rowe Price International Value Eq Z	—	6.98	57.04	—	—
⊖ T. Rowe Price International Stock Z	—	6.84	63.88	—	—
⊕ T. Rowe Price US Large-Cap Core Z	—	6.42	70.30	—	—
⊕ T. Rowe Price Real Assets Z	—	4.81	75.11	—	—
⊕ T. Rowe Price Mid-Cap Growth Z	—	3.86	78.97	—	—
⊖ T. Rowe Price Mid-Cap Value Z	—	3.50	82.47	—	—

## Total Holdings 28

⊕ 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 8 of the 9 years it's been in existence.

✔ **Management:** The fund's management has been in place for 8.17 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 32.84% higher than the Target-Date 2060 category average.

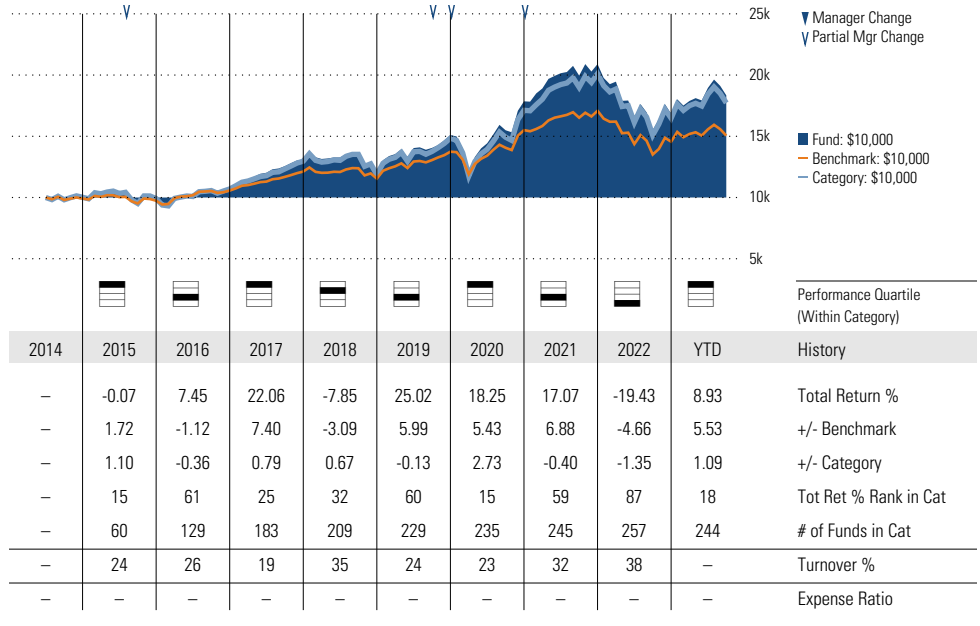
## Morningstar Investment Management LLC Analysis

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.

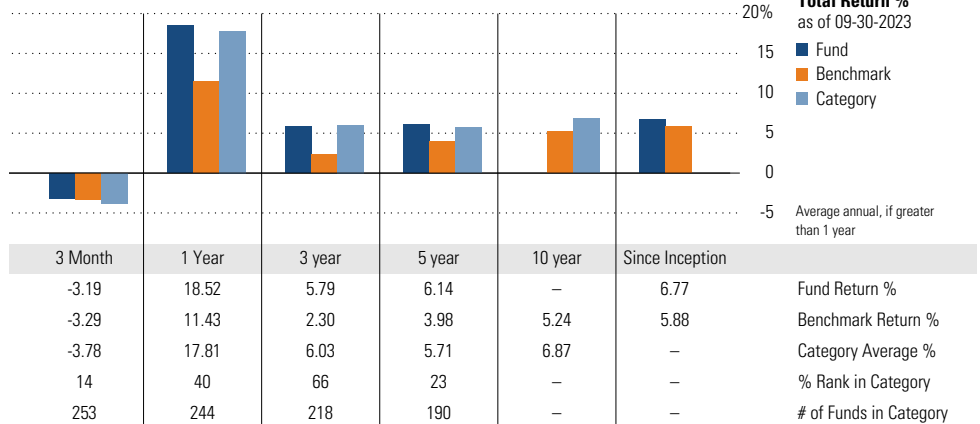
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

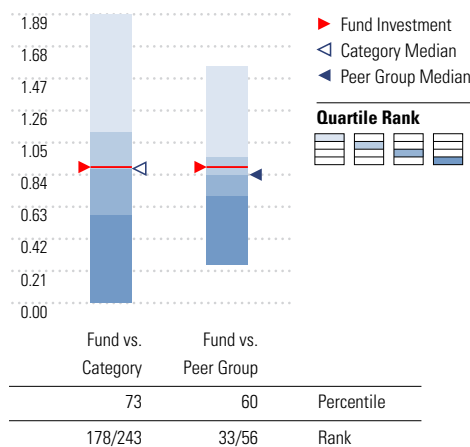
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	3.01	-	3.10
Beta	1.31	-	1.32
R-Squared	96.96	-	97.20
Standard Deviation	16.33	12.30	16.42
Sharpe Ratio	0.30	0.08	0.30
Tracking Error	4.73	-	4.78
Information Ratio	0.74	-	0.75
Up Capture Ratio	143.25	-	144.61
Down Capture Ratio	126.85	-	127.71

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.49	16.40	18.07
Price/Book Ratio	2.66	2.18	2.61
Avg Eff Duration	7.68	-	6.43

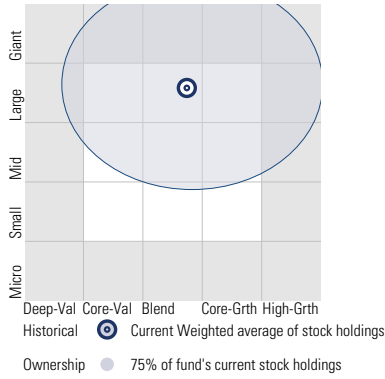
# T. Rowe Price Retirement 2060 Advisor TRRYX

**Morningstar Category**  
Target-Date 2060

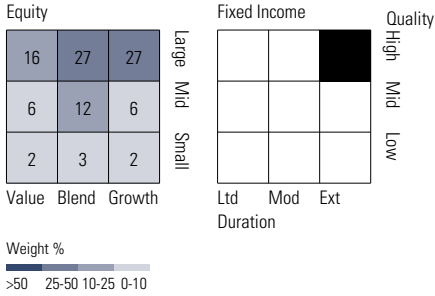
**Morningstar Index**  
Morningstar Mod Tgt Risk TR USD

## Style Analysis as of 09-30-2023

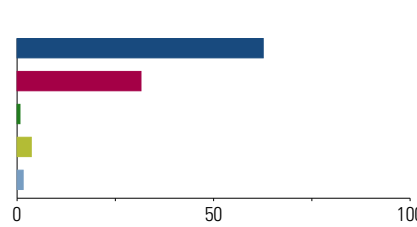
Morningstar Style Box™



## Style Breakdown

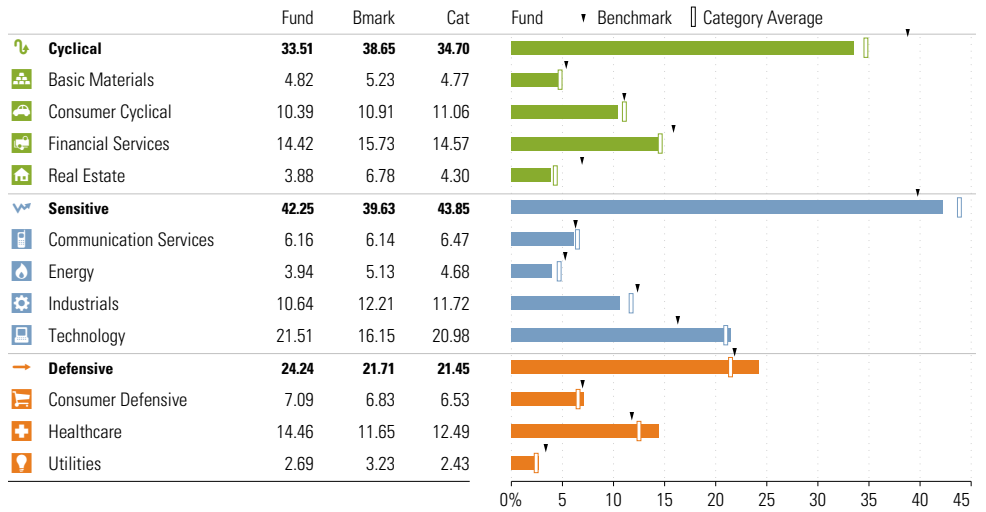


## Asset Allocation as of 09-30-2023



Asset Class	Net %	Cat%
US Stocks	62.62	47.90
Non-US Stocks	31.52	30.80
Bonds	0.73	5.12
Cash	3.60	1.28
Other	1.54	14.90
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2023



## Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ T. Rowe Price Growth Stock Z	—	16.23	16.23	—	—
⊕ T. Rowe Price Value Z	—	15.50	31.73	—	—
⊕ T. Rowe Price Equity Index 500 Z	—	10.25	41.97	—	—
⊕ T. Rowe Price Overseas Stock Z	—	8.10	50.07	—	—
⊕ T. Rowe Price International Value Eq Z	—	6.98	57.06	—	—
⊕ T. Rowe Price International Stock Z	—	6.84	63.90	—	—
⊕ T. Rowe Price US Large-Cap Core Z	—	6.42	70.31	—	—
⊕ T. Rowe Price Real Assets Z	—	4.82	75.13	—	—
⊕ T. Rowe Price Mid-Cap Growth Z	—	3.87	79.00	—	—
⊕ T. Rowe Price Mid-Cap Value Z	—	3.52	82.51	—	—

## Total Holdings 28

⊕ Increase ⊖ Decrease ✨ New to Portfolio