

# Allspring Small Company Growth Admin NVSCX

**Morningstar Category**  
Small Growth

**Morningstar Index**  
Russell 2000 Growth TR USD

## Portfolio Manager(s)

Paul von Kuster since 11-1994  
Daniel Hagen since 02-2003  
William Grierson since 04-2005  
Ryan Smith since 01-2021  
Samuel Smith since 01-2021

## Quantitative Screens

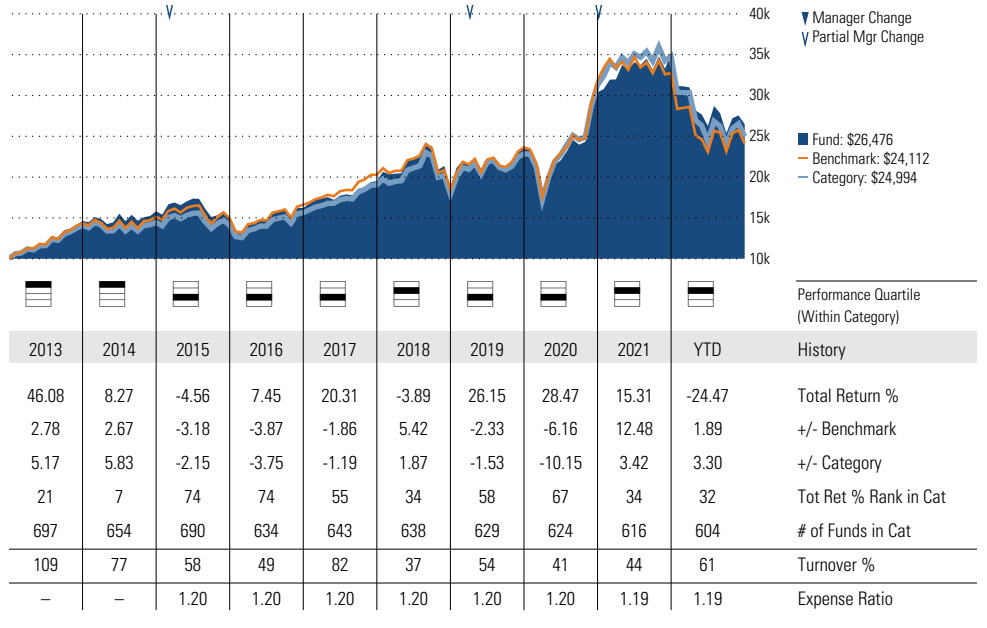
✔ **Performance:** The fund has finished in the Small Growth category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 28.16 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 1.19 is 0% higher than the Small Growth category average.

## Growth of \$10,000



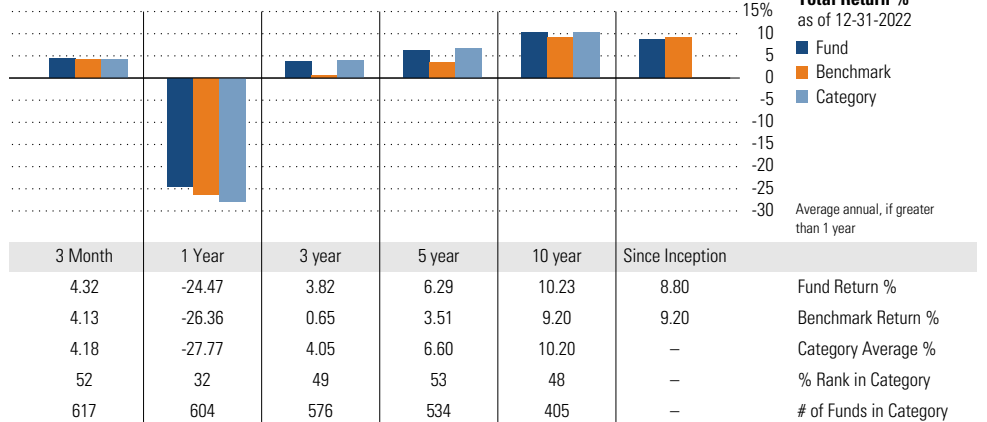
## Morningstar Investment Management LLC Analysis

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

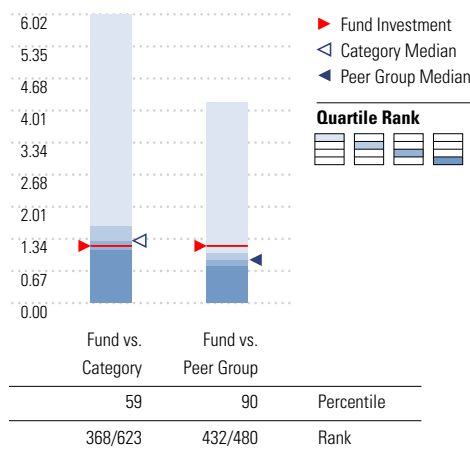
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022

## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	3.13	-	2.83
Beta	0.91	-	0.95
R-Squared	93.48	-	91.46
Standard Deviation	25.09	26.57	26.53
Sharpe Ratio	0.24	0.12	0.22
Tracking Error	6.81	-	7.92
Information Ratio	0.46	-	0.35
Up Capture Ratio	96.91	-	101.46
Down Capture Ratio	88.28	-	94.05

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	15.38	13.28	21.13
Price/Book Ratio	2.84	3.39	3.57
Geom Avg Mkt Cap \$B	3.72	2.51	4.52
ROE	7.90	12.50	12.24

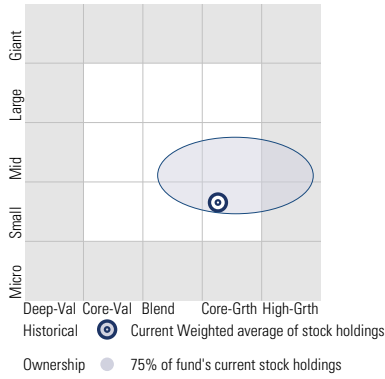
# Allspring Small Company Growth Admin NVSCX

**Morningstar Category**  
Small Growth

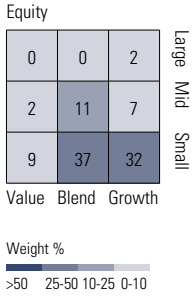
**Morningstar Index**  
Russell 2000 Growth TR USD

## Style Analysis as of 12-31-2022

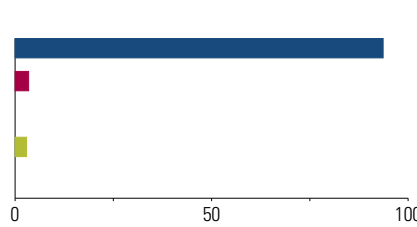
Morningstar Style Box™



## Style Breakdown

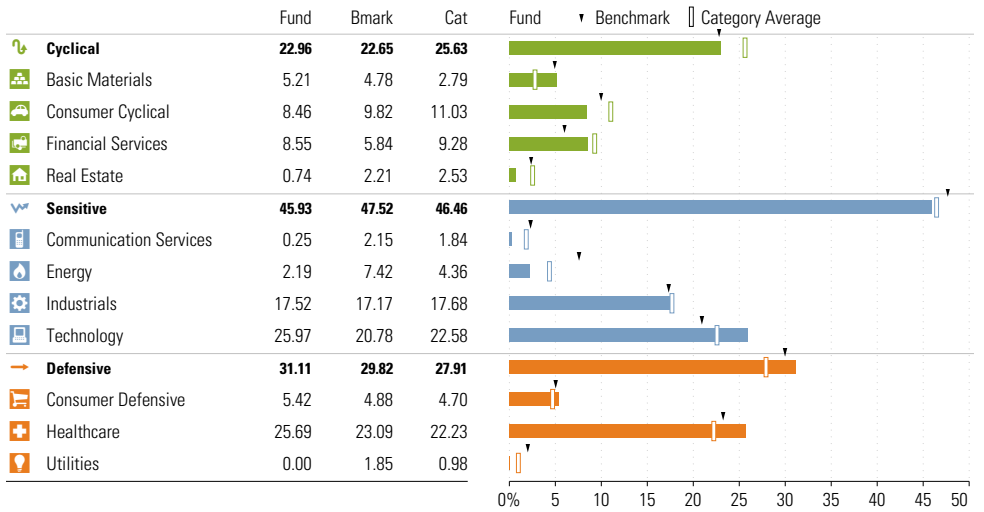


## Asset Allocation as of 12-31-2022



Asset Class	Net %	Cat%
US Stocks	93.64	92.50
Non-US Stocks	3.44	4.22
Bonds	0.00	0.01
Cash	2.92	2.51
Other	0.00	0.76
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2022



## Top 0 Holdings as of 12-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
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Total Holdings 0

⊕ 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 18.76 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.97 is 1.02% lower than the Mid-Cap Value category average.

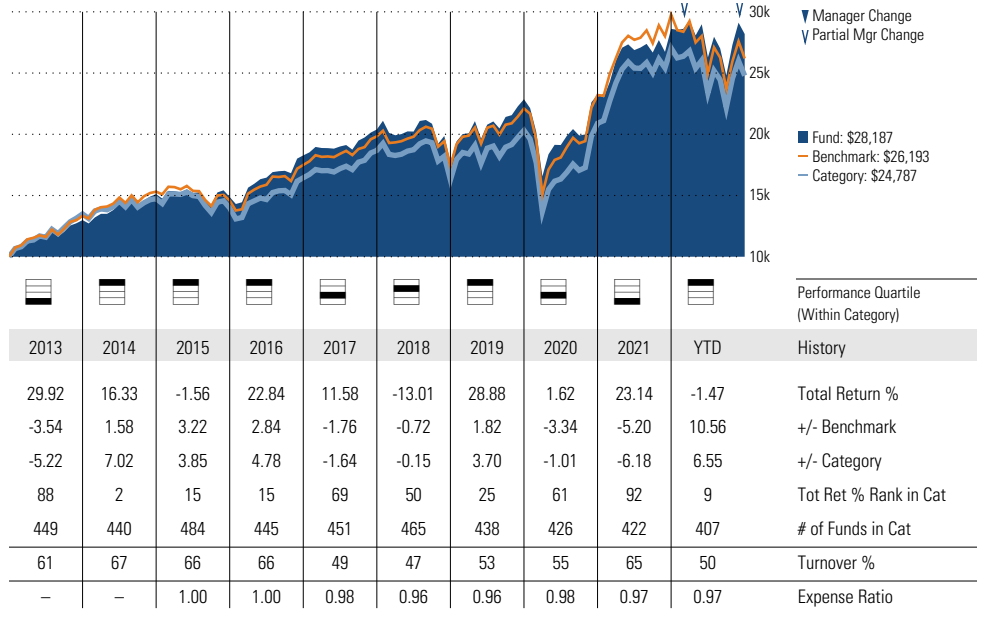
## Morningstar Investment Management LLC Analysis

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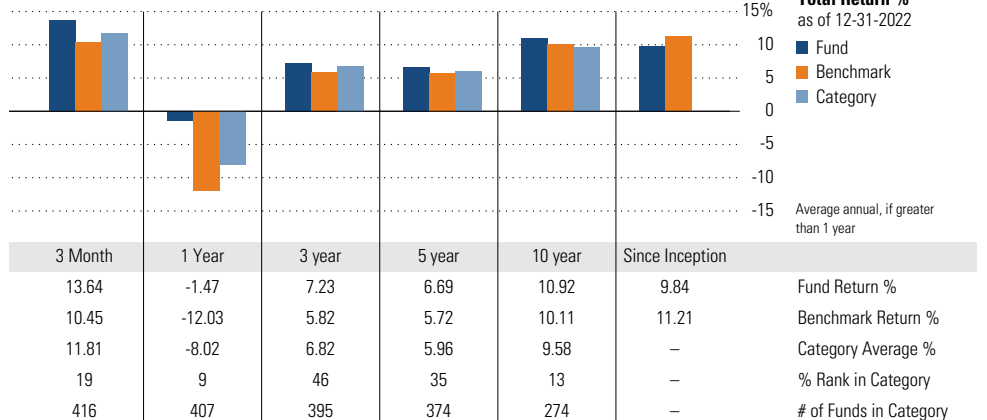
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	01-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

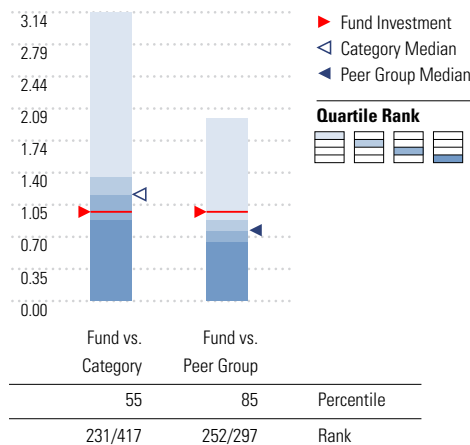
## Growth of \$10,000



## 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	1.84	-	0.86
Beta	0.84	-	0.99
R-Squared	96.37	-	95.83
Standard Deviation	21.27	24.79	25.07
Sharpe Ratio	0.39	0.32	0.35
Tracking Error	5.63	-	5.36
Information Ratio	0.25	-	0.13
Up Capture Ratio	87.67	-	98.80
Down Capture Ratio	81.70	-	96.45

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	15.92	13.97	12.92
Price/Book Ratio	2.04	2.06	1.88
Geom Avg Mkt Cap \$B	16.70	16.01	12.31
ROE	15.93	15.78	17.41

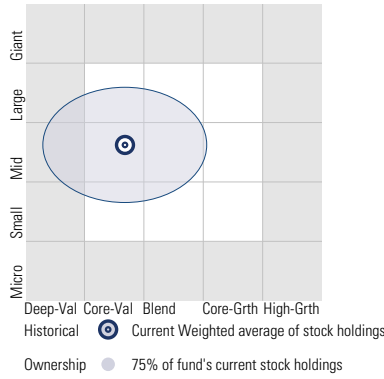
# American Century Mid Cap Value Inv ACMVX

**Morningstar Category**  
Mid-Cap Value

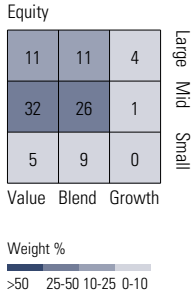
**Morningstar Index**  
Russell Mid Cap Value TR USD

## Style Analysis as of 12-31-2022

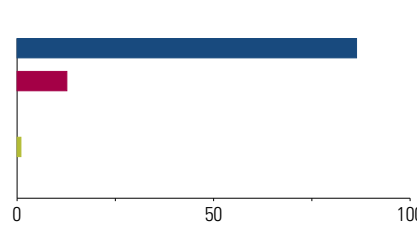
Morningstar Style Box™



## Style Breakdown

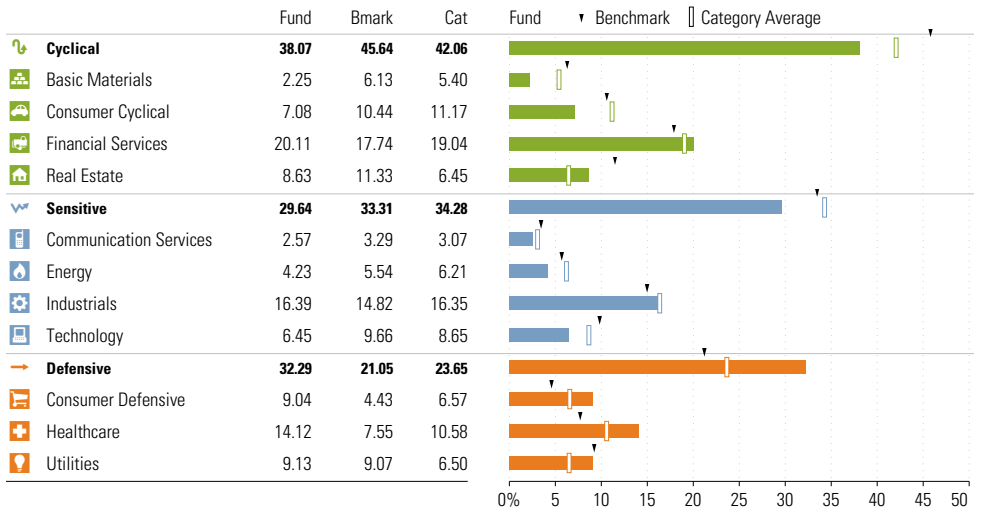


## Asset Allocation as of 12-31-2022



Asset Class	Net %	Cat%
US Stocks	86.37	90.71
Non-US Stocks	12.66	6.46
Bonds	0.00	0.01
Cash	0.97	2.42
Other	0.00	0.40
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2022



## Top 15 Holdings as of 12-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Zimmer Biomet Holdings Inc	3.04	3.04	3.52	Healthcare
⊕ Northern Trust Corp	2.75	5.79	-23.59	Financial Services
⊖ Bank of New York Mellon Corp	2.59	8.38	-19.18	Financial Services
⊕ Edison International	2.16	10.54	-2.63	Utilities
⊖ Allstate Corp	2.14	12.68	18.15	Financial Services
⊕ Spire Inc	1.99	14.66	9.84	Utilities
⊕ Koninklijke Ahold Delhaize NV	1.91	16.58	-8.77	Consumer Defensive
⊕ Oshkosh Corp	1.86	18.44	-20.44	Industrials
⊖ Conagra Brands Inc	1.84	20.28	17.09	Consumer Defensive
⊕ Truist Financial Corp	1.74	22.02	-23.09	Financial Services
⊕ Southwest Airlines Co	1.68	23.69	-21.41	Industrials
⊕ NorthWestern Corp	1.64	25.33	8.22	Utilities
⊖ Henry Schein Inc	1.63	26.96	3.02	Healthcare
⊕ Dollar Tree Inc	1.59	28.54	0.65	Consumer Defensive
⊖ Packaging Corp of America	1.58	30.12	-2.56	Consumer Cyclical

**Total Holdings 101**

⊕ 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 14.13 years.

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

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

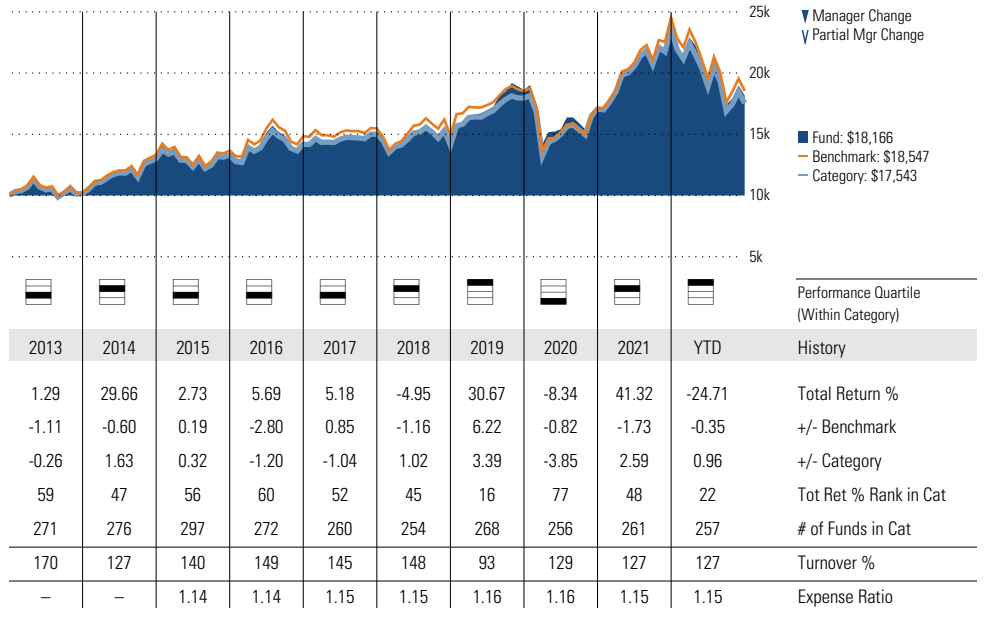
## Morningstar Investment Management LLC Analysis

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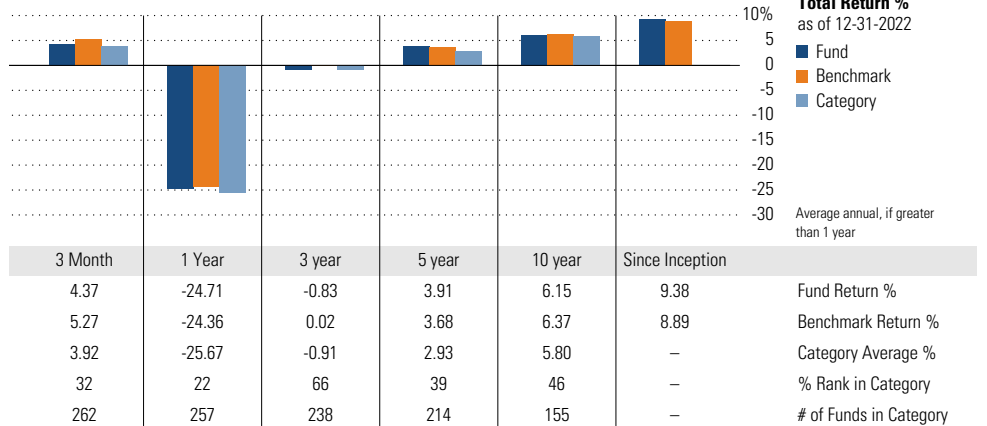
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022

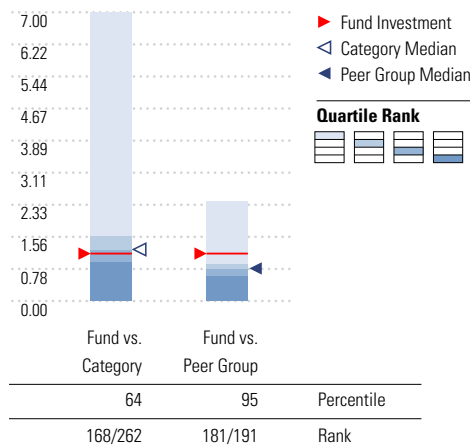
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.98	-	-0.42
Beta	0.94	-	0.94
R-Squared	97.32	-	93.47
Standard Deviation	22.41	23.61	22.85
Sharpe Ratio	0.04	0.08	0.07
Tracking Error	3.96	-	5.57
Information Ratio	-0.21	-	-0.09
Up Capture Ratio	93.96	-	94.53
Down Capture Ratio	96.81	-	96.18

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	28.04	38.46	23.21
Price/Book Ratio	2.63	2.42	2.12
Geom Avg Mkt Cap \$B	26.31	9.35	24.92
ROE	20.73	9.56	17.43

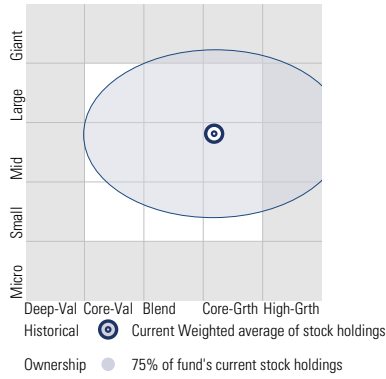
# American Century Real Estate Inv REACX

**Morningstar Category**  
Real Estate

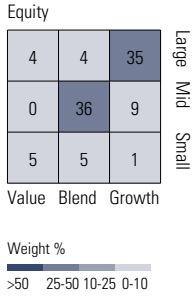
**Morningstar Index**  
S&P United States REIT TR USD

## Style Analysis as of 12-31-2022

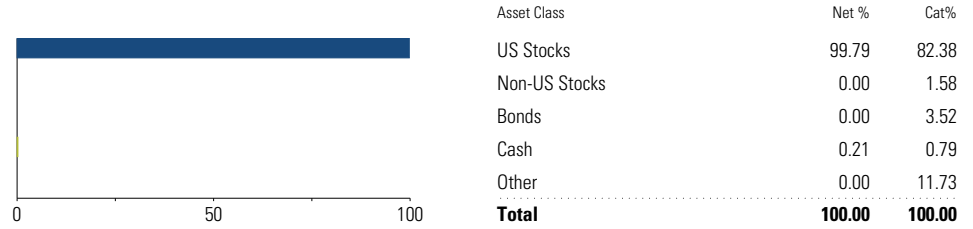
Morningstar Style Box™



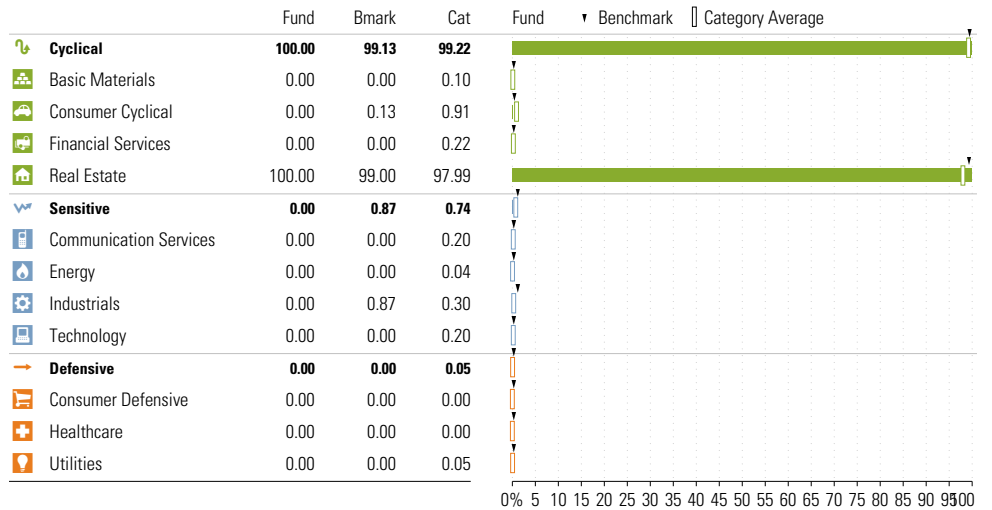
## Style Breakdown



## Asset Allocation as of 12-31-2022



## Sector Weighting as of 12-31-2022



## Top 15 Holdings as of 12-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Prologis Inc	12.04	12.04	-31.17	Real Estate
⊖ American Tower Corp	10.77	22.80	-25.57	Real Estate
⊕ Equinix Inc	6.37	29.17	-21.09	Real Estate
⊖ Public Storage	6.13	35.30	-19.55	Real Estate
⊕ SBA Communications Corp	4.47	39.76	-27.21	Real Estate
⊕ Simon Property Group Inc	4.32	44.08	-22.15	Real Estate
⊕ Gaming and Leisure Properties Inc	4.26	48.34	12.81	Real Estate
⊕ UDR Inc	4.08	52.43	-32.93	Real Estate
⊕ Realty Income Corp	4.04	56.47	-7.25	Real Estate
⊕ Ventas Inc	3.62	60.09	-8.35	Real Estate
⊕ Mid-America Apartment Communities Inc	3.26	63.35	-29.54	Real Estate
⊕ Healthpeak Properties Inc	3.00	66.34	-27.21	Real Estate
⊕ Digital Realty Trust Inc	2.94	69.28	-40.55	Real Estate
⊕ Iron Mountain Inc	2.76	72.04	-0.01	Real Estate
⊖ Kite Realty Group Trust	2.34	74.38	0.41	Real Estate

**Total Holdings 36**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# American Funds 2010 Trgt Date Retire R4 RDATA

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

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

## Portfolio Manager(s)

Bradley Vogt since 01-2012  
Wesley Phoa since 01-2012  
Michelle Black since 01-2020  
Samir Mathur since 01-2020  
David Hoag since 01-2020  
Shannon Ward since 01-2021  
Jessica Spaly since 01-2023

## Quantitative Screens

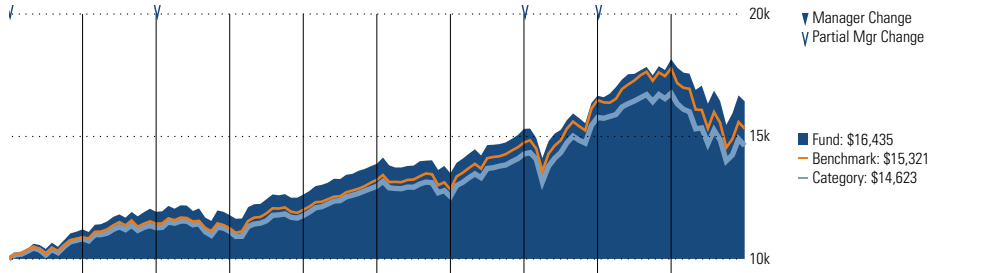
✔ **Performance:** The fund has finished in the Target-Date 2000-2010 category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 11.01 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.63 is 12.5% higher than the Target-Date 2000-2010 category average.

## Growth of \$10,000



2013	2014	2015	2016	2017	2018	2019	2020	2021	YTD	History
12.09	6.37	-1.15	7.13	9.98	-2.80	13.42	8.83	8.95	-9.47	Total Return %
3.33	1.21	0.43	0.49	-0.21	0.17	-1.51	-2.95	1.12	4.36	+/- Benchmark
3.79	2.27	0.03	1.27	-0.17	0.45	-0.44	-1.65	2.69	3.30	+/- Category
4	2	46	13	62	26	62	94	5	2	Tot Ret % Rank in Cat
178	124	141	135	132	141	144	122	123	128	# of Funds in Cat
18	17	19	14	5	8	5	-	20	18	Turnover %
-	-	-	-	-	-	-	-	-	-	Expense Ratio

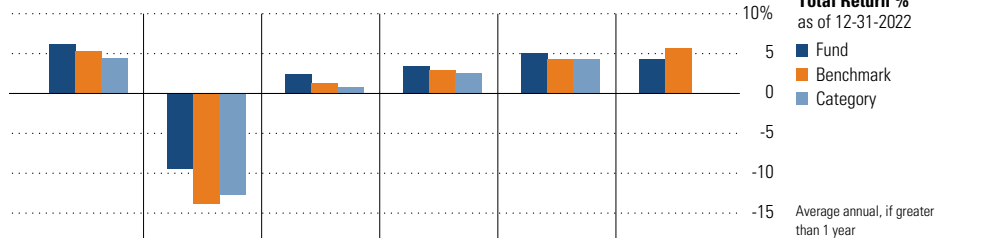
## Morningstar Investment Management LLC Analysis

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## ESG Metrics

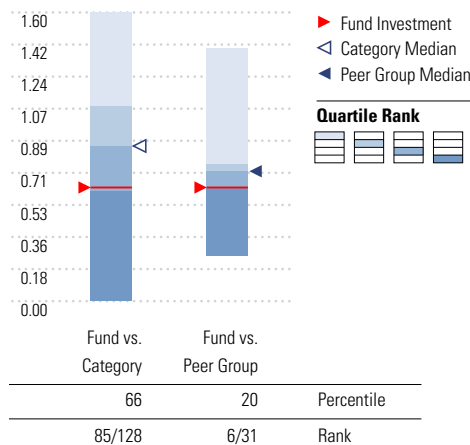
Metric	Rating	Updated
Sustainability Rating	2	01-31-2023

## Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	
6.22	-9.47	2.39	3.43	5.09	4.33	Fund Return %
5.34	-13.83	1.27	2.98	4.36	5.67	Benchmark Return %
4.44	-12.77	0.81	2.56	4.29	-	Category Average %
2	2	6	2	3	-	% Rank in Category
128	128	113	82	50	-	# of Funds in Category

## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.21	-	-0.37
Beta	0.88	-	0.89
R-Squared	96.82	-	96.78
Standard Deviation	9.37	10.48	9.48
Sharpe Ratio	0.21	0.09	0.03
Tracking Error	2.09	-	2.28
Information Ratio	0.54	-	-0.19
Up Capture Ratio	90.76	-	85.67
Down Capture Ratio	82.15	-	88.11

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	15.85	15.61	15.75
Price/Book Ratio	2.81	2.32	2.47
Avg Eff Duration	4.63	-	-

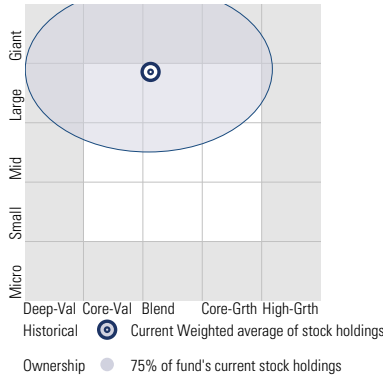
# American Funds 2010 Trgt Date Retire R4 RDATA

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

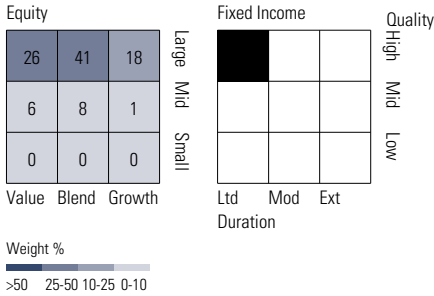
**Morningstar Index**  
Morningstar Lifetime Mod 2010 TR USD

## Style Analysis as of 12-31-2022

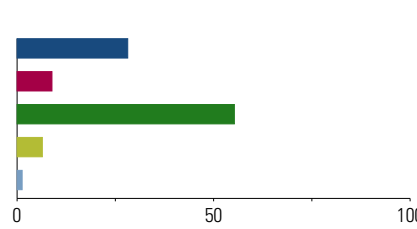
Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 12-31-2022



Asset Class	Net %	Cat%
US Stocks	28.15	21.82
Non-US Stocks	8.87	12.73
Bonds	55.28	56.45
Cash	6.42	6.15
Other	1.28	2.84
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2022

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>29.99</b>	<b>39.79</b>	<b>34.76</b>			
Basic Materials	3.84	4.58	4.83			
Consumer Cyclical	6.65	10.75	10.51			
Financial Services	14.63	15.09	15.72			
Real Estate	4.87	9.37	3.70			
<b>Sensitive</b>	<b>36.17</b>	<b>36.00</b>	<b>39.74</b>			
Communication Services	5.27	4.90	6.06			
Energy	7.65	5.28	5.76			
Industrials	10.76	11.38	10.98			
Technology	12.49	14.44	16.94			
<b>Defensive</b>	<b>33.82</b>	<b>24.21</b>	<b>25.50</b>			
Consumer Defensive	11.52	7.20	7.39			
Healthcare	16.22	13.62	14.41			
Utilities	6.08	3.39	3.70			

## Top 10 Holdings as of 12-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds Income Fund of Amer R6	—	15.98	15.98	—	—
⊕ American Funds Interm Bd Fd of Amer R6	—	10.19	26.18	—	—
⊕ American Funds Bond Fund of Amer R6	—	9.59	35.77	—	—
⊕ American Funds Inflation Linked Bd R6	—	7.39	43.16	—	—
⊖ American Funds American Balanced R6	—	6.99	50.15	—	—
⊕ American Funds ST Bd Fd of Amer R6	—	6.79	56.94	—	—
⊖ American Funds Capital Income Bldr R6	—	6.62	63.55	—	—
⊕ American Funds Mortgage R6	—	6.59	70.14	—	—
⊖ American Funds American Mutual R6	—	5.40	75.54	—	—
⊖ American Funds Washington Mutual R6	—	4.00	79.54	—	—

## Total Holdings 19

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# American Funds 2015 Trgt Date Retire R4 RDBTX

**Morningstar Category**  
Target-Date 2015

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

## Portfolio Manager(s)

Bradley Vogt since 01-2012  
Wesley Phoa since 01-2012  
Samir Mathur since 01-2020  
David Hoag since 01-2020  
Michelle Black since 01-2020  
Shannon Ward since 01-2021  
Jessica Spaly since 01-2023

## Quantitative Screens

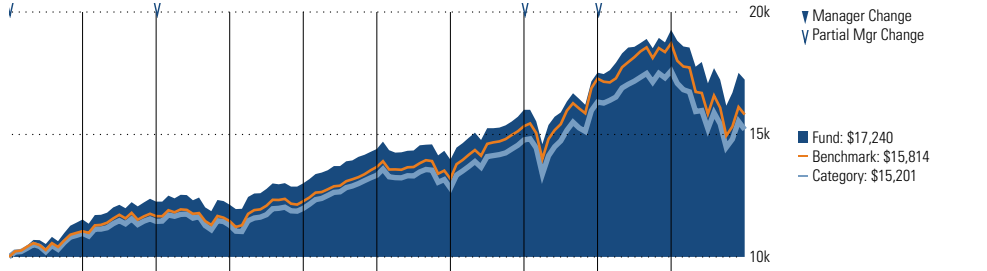
✔ **Performance:** The fund has finished in the Target-Date 2015 category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 11.01 years.

✔ **Style:** The fund has landed in its primary style box — Large Value — 70 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.65 is 8.33% higher than the Target-Date 2015 category average.

## Growth of \$10,000



										Performance Quartile (Within Category)
										History
2013	2014	2015	2016	2017	2018	2019	2020	2021	YTD	
15.28	6.34	-1.04	7.23	10.77	-3.04	14.58	9.47	9.98	-10.55	Total Return %
4.78	0.79	0.69	0.13	-0.62	0.50	-1.71	-3.20	1.67	4.97	+/- Benchmark
5.63	1.86	0.30	1.11	-0.52	0.82	-0.87	-1.28	2.19	3.13	+/- Category
2	7	36	16	64	24	74	82	4	3	Tot Ret % Rank in Cat
169	112	134	133	135	146	140	129	126	125	# of Funds in Cat
7	6	15	8	4	7	6	-	21	17	Turnover %
-	-	-	-	-	-	-	-	-	-	Expense Ratio

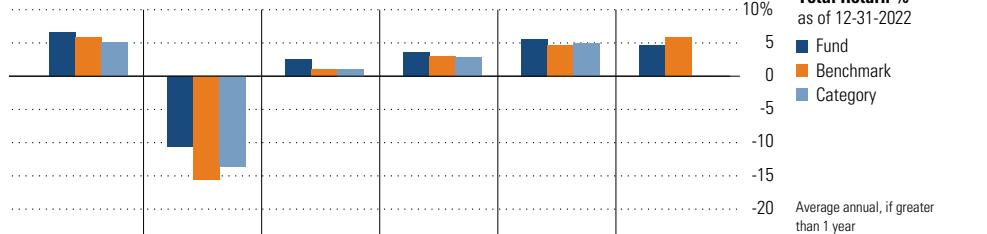
## Morningstar Investment Management LLC Analysis

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

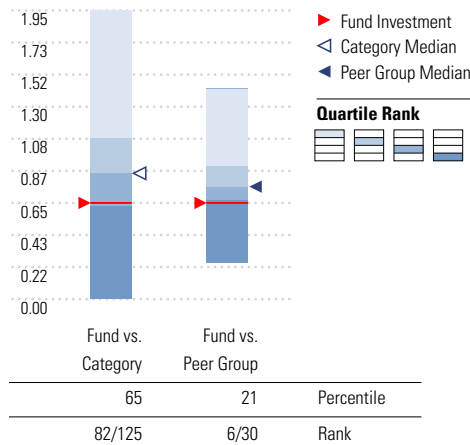
Metric	Rating	Updated
Sustainability Rating	2	01-31-2023

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	
6.58	-10.55	2.50	3.65	5.60	4.60	Fund Return %	
5.79	-15.52	1.02	2.95	4.69	5.78	Benchmark Return %	
5.04	-13.68	1.07	2.78	4.96	-	Category Average %	
2	3	2	6	5	-	% Rank in Category	
126	125	115	95	43	-	# of Funds in Category	

## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.53	-	0.16
Beta	0.88	-	0.93
R-Squared	96.71	-	97.12
Standard Deviation	10.25	11.51	10.85
Sharpe Ratio	0.21	0.07	0.08
Tracking Error	2.35	-	2.11
Information Ratio	0.63	-	0.06
Up Capture Ratio	91.51	-	91.66
Down Capture Ratio	81.68	-	90.60

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	16.07	15.45	15.61
Price/Book Ratio	2.85	2.29	2.46
Avg Eff Duration	4.93	-	5.70

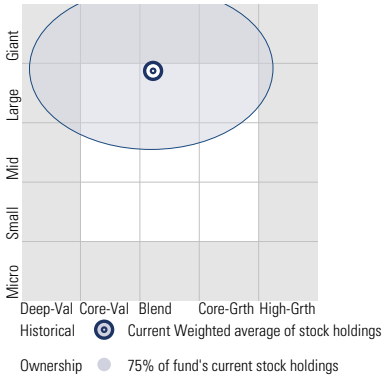
# American Funds 2015 Trgt Date Retire R4 RDBTX

Morningstar Category  
Target-Date 2015

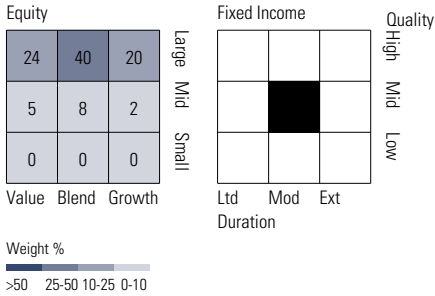
Morningstar Index  
Morningstar Lifetime Mod 2015 TR USD

## Style Analysis as of 12-31-2022

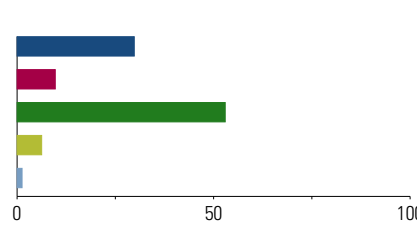
Morningstar Style Box™



## Style Breakdown

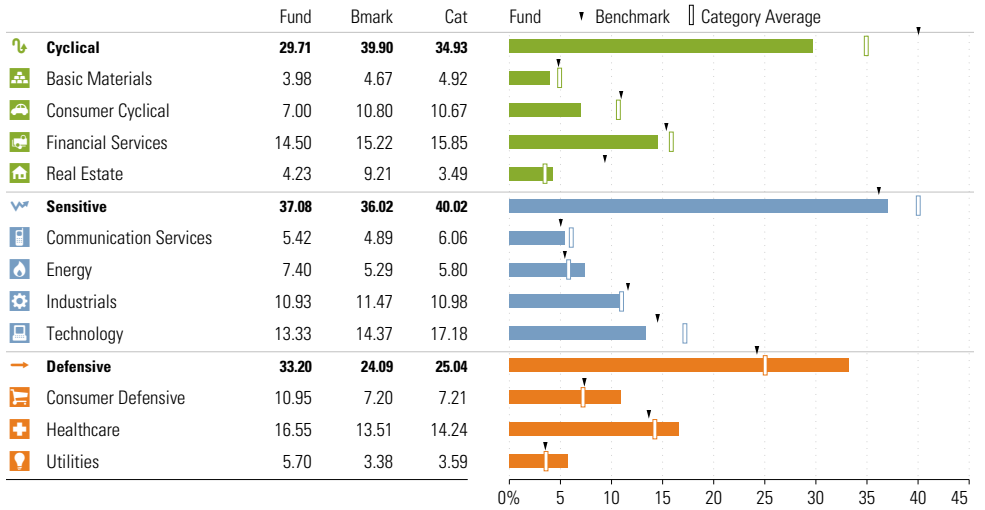


## Asset Allocation as of 12-31-2022



Asset Class	Net %	Cat%
US Stocks	29.81	24.54
Non-US Stocks	9.71	14.37
Bonds	52.95	51.08
Cash	6.25	4.90
Other	1.26	5.10
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2022



## Top 10 Holdings as of 12-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ American Funds Income Fund of Amer R6	—	12.62	12.62	—	—
⊕ American Funds Bond Fund of Amer R6	—	8.58	21.20	—	—
⊕ American Funds Inflation Linked Bd R6	—	7.85	29.05	—	—
⊕ American Funds Interm Bd Fd of Amer R6	—	7.67	36.72	—	—
⊖ American Funds American Balanced R6	—	7.42	44.15	—	—
⊕ American Funds Mortgage R6	—	6.03	50.17	—	—
⊖ American Funds Capital Income Bldr R6	—	6.02	56.20	—	—
⊖ American Funds American Mutual R6	—	6.01	62.21	—	—
⊖ American Funds Capital World Gr&Inc R6	—	5.01	67.21	—	—
⊖ American Funds Washington Mutual R6	—	4.41	71.62	—	—

## Total Holdings 22

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# American Funds 2020 Trgt Date Retire R4 RDCTX

**Morningstar Category**  
Target-Date 2020

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

## Portfolio Manager(s)

Bradley Vogt since 01-2012  
Wesley Phoa since 01-2012  
Samir Mathur since 01-2020  
David Hoag since 01-2020  
Michelle Black since 01-2020  
Shannon Ward since 01-2021  
Jessica Spaly since 01-2023

## Quantitative Screens

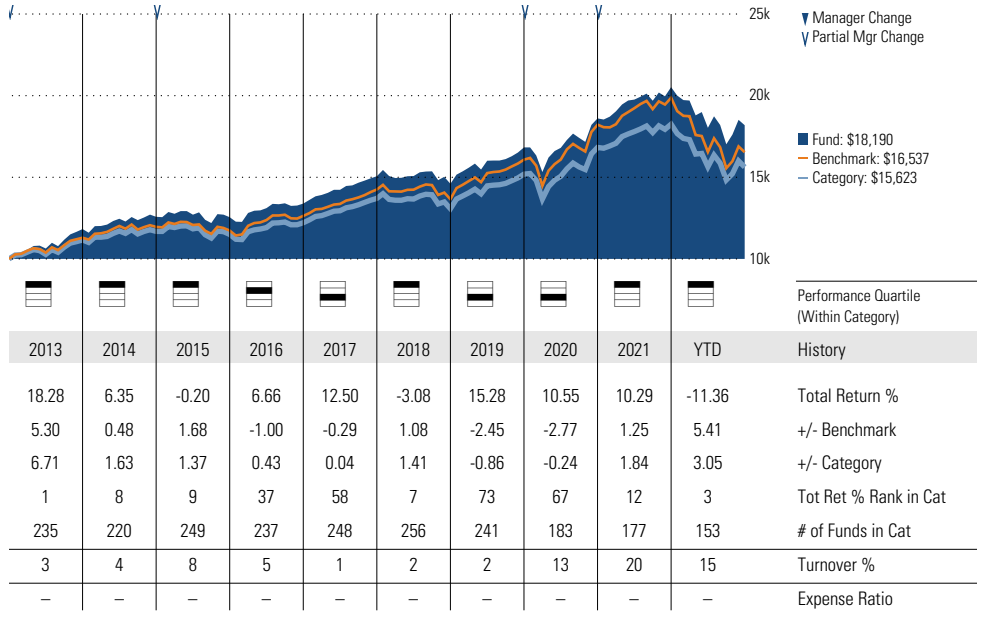
✔ **Performance:** The fund has finished in the Target-Date 2020 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 11.01 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.65 is 12.07% higher than the Target-Date 2020 category average.

## Growth of \$10,000



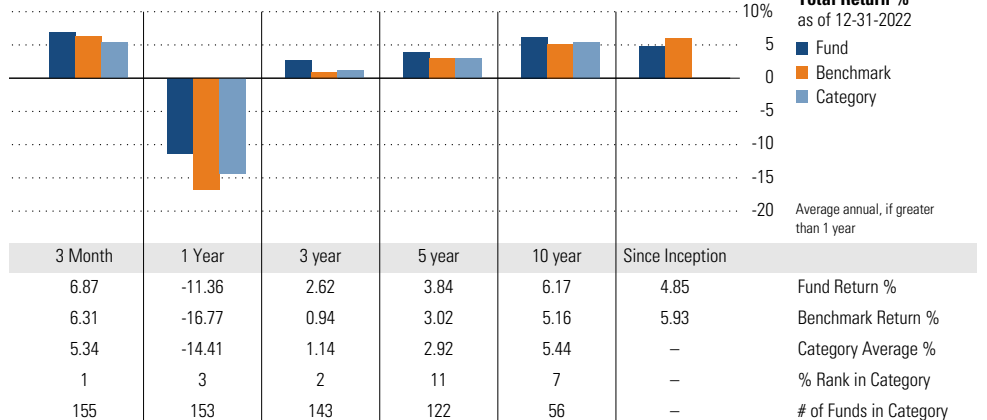
## Morningstar Investment Management LLC Analysis

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

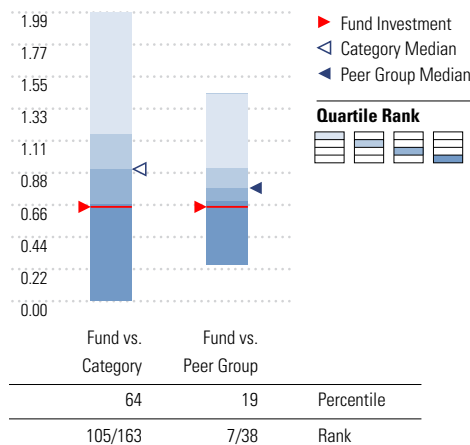
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	01-31-2023

## 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	1.72	-	0.27
Beta	0.85	-	0.91
R-Squared	97.17	-	96.66
Standard Deviation	10.81	12.59	11.69
Sharpe Ratio	0.21	0.07	0.08
Tracking Error	2.66	-	2.49
Information Ratio	0.63	-	0.13
Up Capture Ratio	89.15	-	90.94
Down Capture Ratio	79.00	-	89.35

## Portfolio Metrics

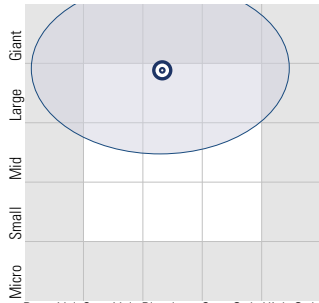
	Fund	Bmark	Cat
Price/Earnings Ratio	16.33	15.30	15.60
Price/Book Ratio	2.91	2.27	2.39
Avg Eff Duration	5.18	-	5.80

# American Funds 2020 Trgt Date Retire R4 RDCTX

Morningstar Category  
Target-Date 2020

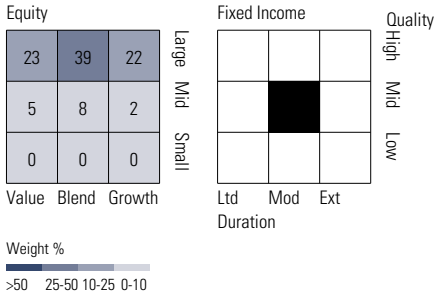
Morningstar Index  
Morningstar Lifetime Mod 2020 TR USD

Style Analysis as of 12-31-2022  
Morningstar Style Box™

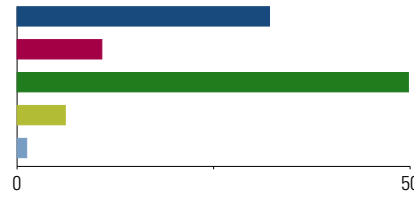


Deep-Val Core-Val Blend Core-Grth High-Grth  
Historical  Current Weighted average of stock holdings  
Ownership ● 75% of fund's current stock holdings

## Style Breakdown

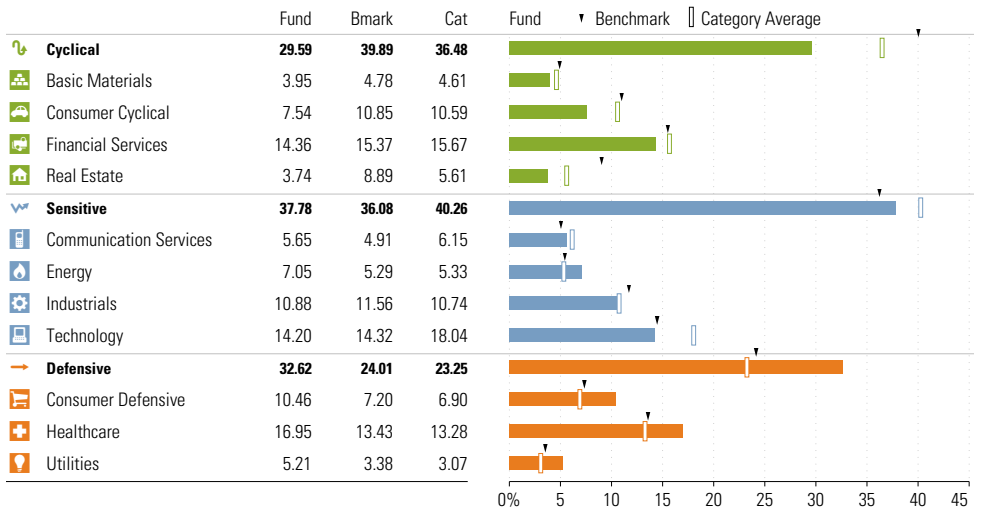


Asset Allocation as of 12-31-2022



Asset Class	Net %	Cat%
US Stocks	32.11	26.29
Non-US Stocks	10.78	14.30
Bonds	49.78	48.18
Cash	6.13	3.07
Other	1.22	8.16
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

Sector Weighting as of 12-31-2022



Top 10 Holdings as of 12-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds Income Fund of Amer R6	—	10.45	10.45	—	—
⊖ American Funds American Balanced R6	—	8.05	18.49	—	—
⊕ American Funds Bond Fund of Amer R6	—	7.97	26.46	—	—
⊕ American Funds Inflation Linked Bd R6	—	7.84	34.30	—	—
⊖ American Funds American Mutual R6	—	6.01	40.31	—	—
⊕ American Funds Mortgage R6	—	5.96	46.28	—	—
⊖ American Funds Interim Bd Fd of Amer R6	—	5.90	52.18	—	—
⊖ American Funds Capital Income Bldr R6	—	5.65	57.83	—	—
⊖ American Funds Capital World Gr&Inc R6	—	5.42	63.24	—	—
⊖ American Funds Washington Mutual R6	—	5.02	68.26	—	—

Total Holdings 22

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# American Funds 2025 Trgt Date Retire R4 RDDTX

**Morningstar Category**  
Target-Date 2025

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

## Portfolio Manager(s)

Bradley Vogt since 01-2012  
Wesley Phoa since 01-2012  
David Hoag since 01-2020  
Michelle Black since 01-2020  
Samir Mathur since 01-2020  
Shannon Ward since 01-2021  
Jessica Spaly since 01-2023

## Quantitative Screens

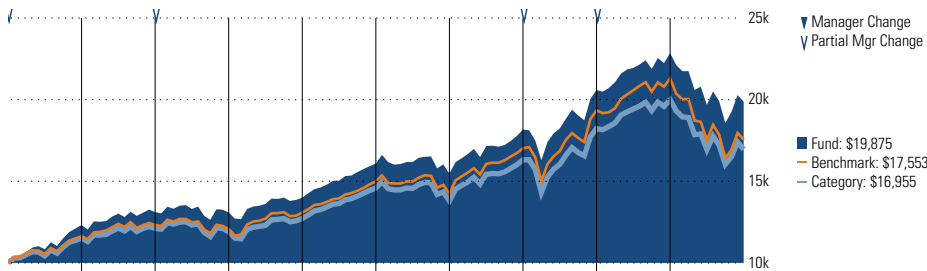
✔ **Performance:** The fund has finished in the Target-Date 2025 category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 11.01 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 0.67 is 4.69% higher than the Target-Date 2025 category average.

## Growth of \$10,000



2013	2014	2015	2016	2017	2018	2019	2020	2021	YTD	History
23.25	6.38	-0.16	6.91	14.90	-3.77	17.41	13.35	10.98	-13.04	Total Return %
6.97	0.34	1.90	-1.48	0.36	1.13	-1.95	-0.32	0.88	4.54	+/- Benchmark
7.95	1.31	1.43	0.18	0.23	1.57	-0.84	1.51	1.23	2.15	+/- Category
3	19	5	49	55	8	78	35	22	10	Tot Ret % Rank in Cat
208	194	222	219	230	244	254	238	247	239	# of Funds in Cat
2	3	9	5	0	-	-	12	18	12	Turnover %
-	-	-	-	-	-	-	-	-	-	Expense Ratio

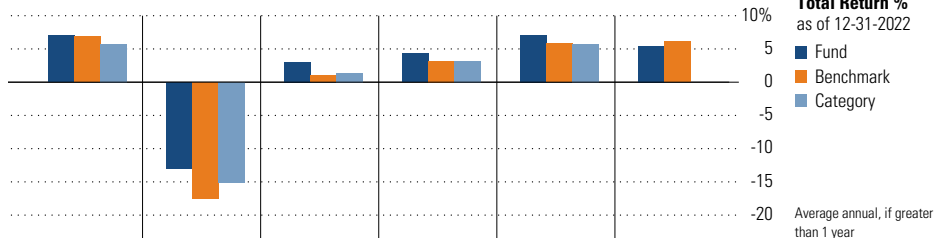
## Morningstar Investment Management LLC Analysis

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

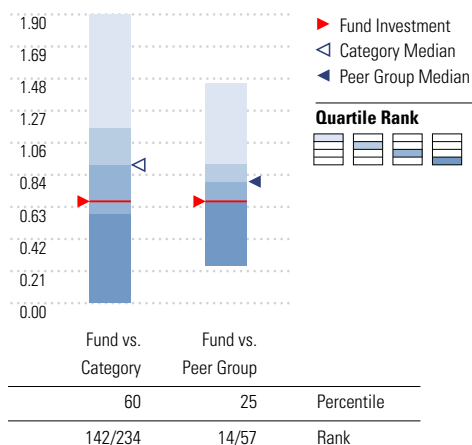
Metric	Rating	Updated
Sustainability Rating	2	01-31-2023
Carbon Risk Score	Low Risk	06-30-2022

## Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	
7.02	-13.04	3.04	4.33	7.11	5.45	Fund Return %
6.92	-17.58	1.04	3.20	5.79	6.13	Benchmark Return %
5.73	-15.19	1.40	3.19	5.73	-	Category Average %
2	10	1	4	7	-	% Rank in Category
241	239	214	185	117	-	# of Funds in Category

## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	2.01	-	0.42
Beta	0.87	-	0.91
R-Squared	97.98	-	97.41
Standard Deviation	12.05	13.79	12.71
Sharpe Ratio	0.24	0.08	0.10
Tracking Error	2.53	-	2.57
Information Ratio	0.79	-	0.20
Up Capture Ratio	93.86	-	92.41
Down Capture Ratio	83.09	-	90.14

## Portfolio Metrics

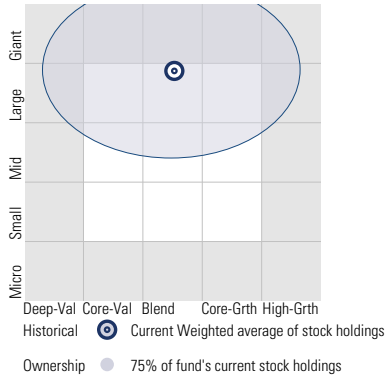
	Fund	Bmark	Cat
Price/Earnings Ratio	16.76	15.14	15.55
Price/Book Ratio	2.98	2.24	2.39
Avg Eff Duration	5.24	-	-

# American Funds 2025 Trgt Date Retire R4 RDDTX

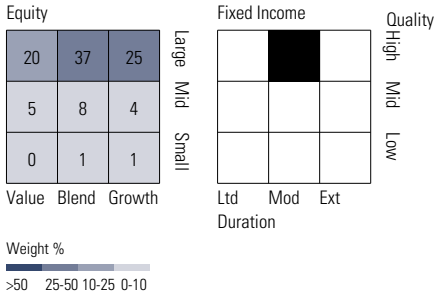
**Morningstar Category**  
Target-Date 2025

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

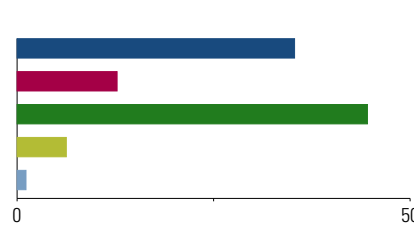
**Style Analysis** as of 12-31-2022  
Morningstar Style Box™



**Style Breakdown**

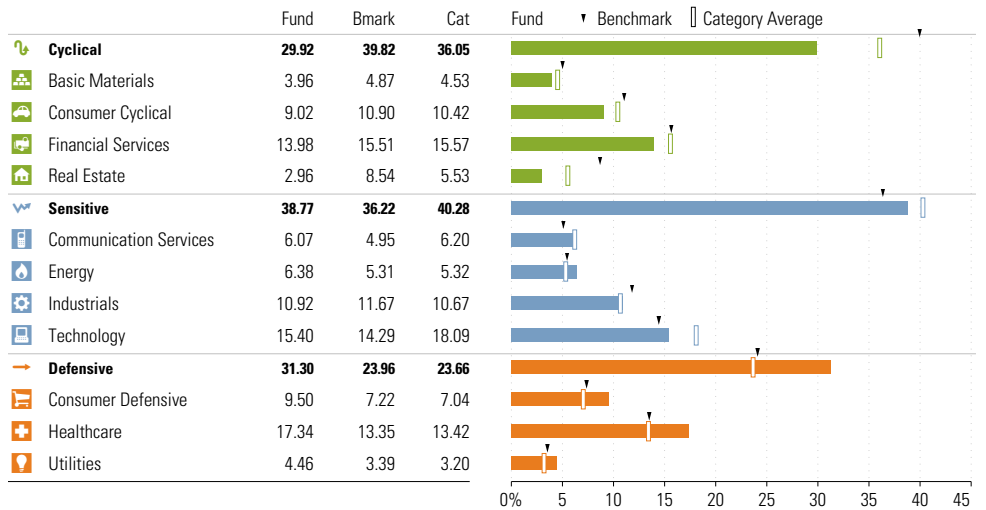


**Asset Allocation** as of 12-31-2022



Asset Class	Net %	Cat%
US Stocks	35.30	29.29
Non-US Stocks	12.72	15.36
Bonds	44.57	41.59
Cash	6.26	3.29
Other	1.13	10.46
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 12-31-2022



**Top 10 Holdings** as of 12-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds American Balanced R6	-	8.04	8.04	-	-
⊕ American Funds Bond Fund of Amer R6	-	7.49	15.53	-	-
⊕ American Funds Inflation Linked Bd R6	-	7.09	22.62	-	-
⊖ American Funds Capital World Gr&Inc R6	-	6.46	29.08	-	-
⊕ American Funds American Mutual R6	-	6.46	35.54	-	-
⊕ American Funds Income Fund of Amer R6	-	6.42	41.96	-	-
⊕ American Funds Interm Bd Fd of Amer R6	-	5.48	47.44	-	-
⊕ American Funds Mortgage R6	-	5.48	52.91	-	-
⊖ American Funds Washington Mutual R6	-	5.06	57.97	-	-
⊕ American Funds US Government Sec R6	-	4.88	62.85	-	-

**Total Holdings 25**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# American Funds 2030 Trgt Date Retire R4 RDET

**Morningstar Category**  
Target-Date 2030

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

**Portfolio Manager(s)**

Bradley Vogt since 01-2012  
 Wesley Phoa since 01-2012  
 David Hoag since 01-2020  
 Michelle Black since 01-2020  
 Samir Mathur since 01-2020  
 Shannon Ward since 01-2021  
 Jessica Spaly since 01-2023

**Quantitative Screens**

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

**Management:** The fund's management has been in place for 11.01 years.

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

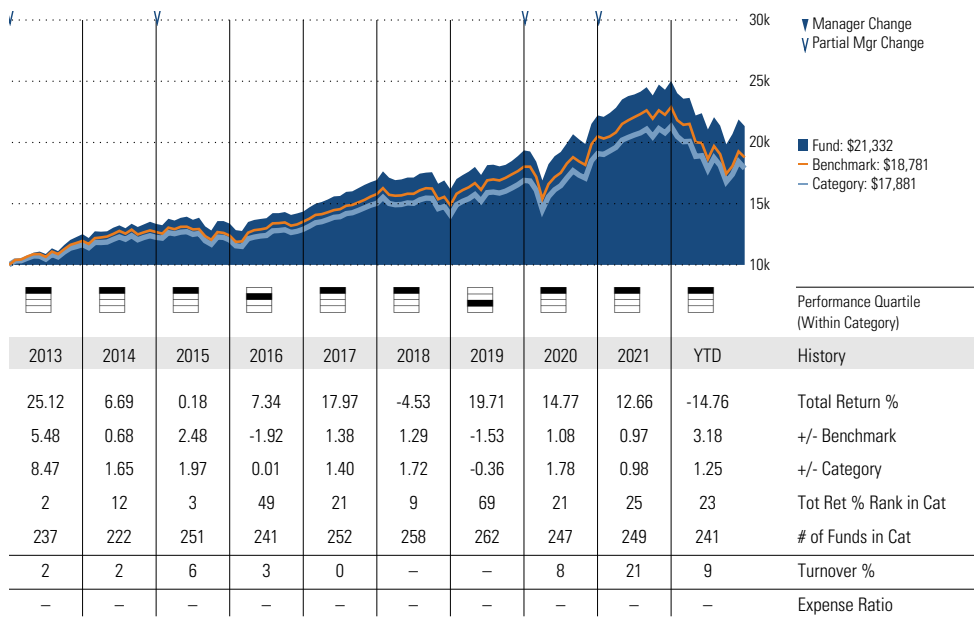
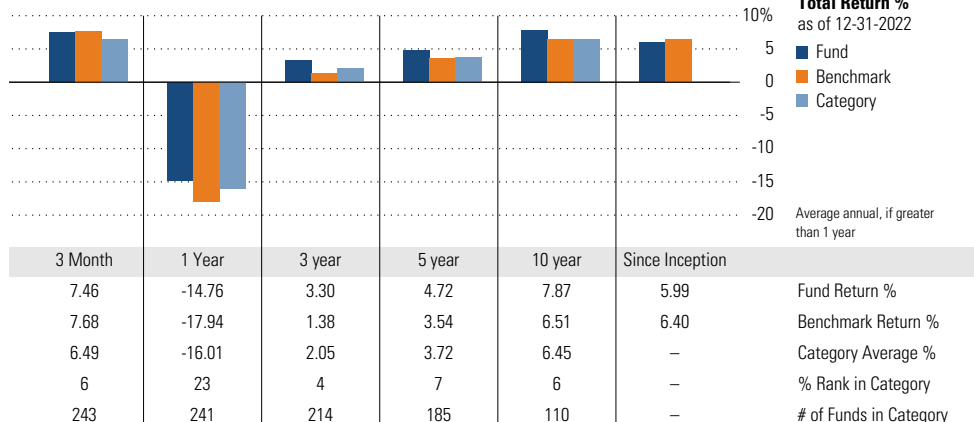
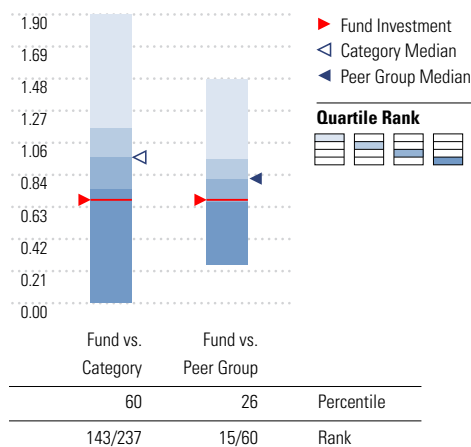
**Net Expense:** The fund's expense ratio of 0.68 is 4.62% higher than the Target-Date 2030 category average.

**Morningstar Investment Management LLC Analysis**

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

**ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
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	1.91	-	0.68
Beta	0.90	-	0.94
R-Squared	98.51	-	98.23
Standard Deviation	13.87	15.26	14.47
Sharpe Ratio	0.24	0.11	0.15
Tracking Error	2.26	-	2.29
Information Ratio	0.85	-	0.32
Up Capture Ratio	97.69	-	96.78
Down Capture Ratio	88.46	-	93.56

**Portfolio Metrics**

	Fund	Bmark	Cat
Price/Earnings Ratio	17.12	14.98	15.88
Price/Book Ratio	3.06	2.21	2.49
Avg Eff Duration	5.35	-	-

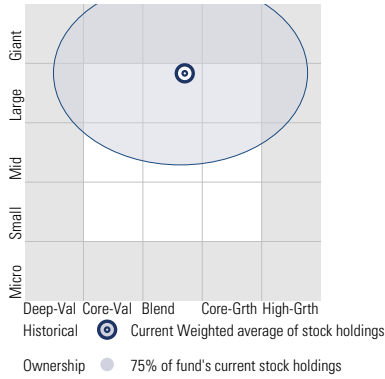
# American Funds 2030 Trgt Date Retire R4 RDETX

Morningstar Category  
Target-Date 2030

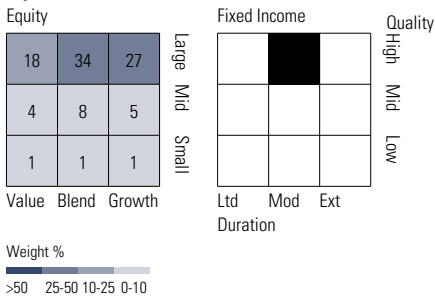
Morningstar Index  
Morningstar Lifetime Mod 2030 TR  
USD

## Style Analysis as of 12-31-2022

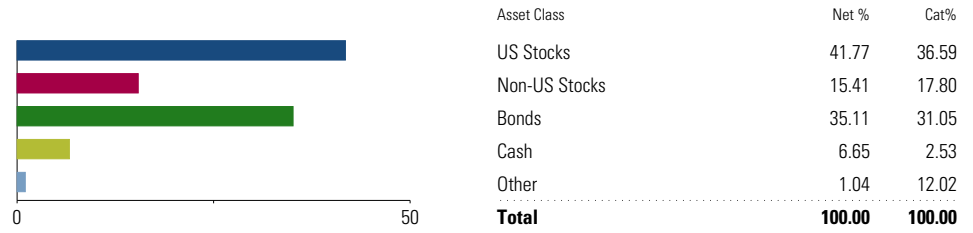
Morningstar Style Box™



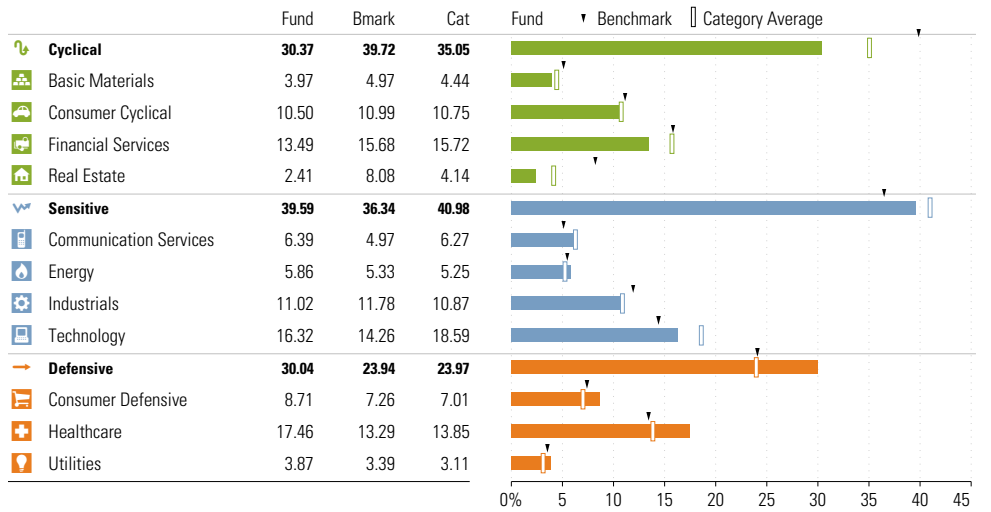
## Style Breakdown



## Asset Allocation as of 12-31-2022



## Sector Weighting as of 12-31-2022



## Top 10 Holdings as of 12-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds American Balanced R6	–	7.93	7.93	–	–
⊖ American Funds Capital World Gr&Inc R6	–	7.07	15.00	–	–
⊕ American Funds American Mutual R6	–	7.06	22.07	–	–
⊕ American Funds AMCAP R6	–	5.85	27.92	–	–
⊕ American Funds Inflation Linked Bd R6	–	5.55	33.47	–	–
⊕ American Funds Washington Mutual R6	–	5.07	38.54	–	–
⊕ American Funds Global Balanced R6	–	5.03	43.57	–	–
⊕ American Funds US Government Sec R6	–	4.96	48.54	–	–
⊕ American Funds Mortgage R6	–	4.96	53.50	–	–
⊕ American Funds Growth Fund of Amer R6	–	4.64	58.14	–	–

## Total Holdings 24

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# American Funds 2035 Trgt Date Retire R4 RDFTX

**Morningstar Category**  
Target-Date 2035

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

## Portfolio Manager(s)

Bradley Vogt since 01-2012  
Wesley Phoa since 01-2012  
David Hoag since 01-2020  
Michelle Black since 01-2020  
Samir Mathur since 01-2020  
Shannon Ward since 01-2021  
Jessica Spaly since 01-2023

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 11.01 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 0.7 is 6.06% higher than the Target-Date 2035 category average.

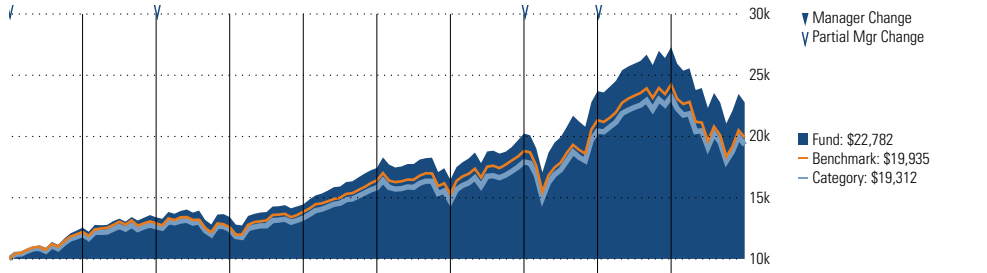
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

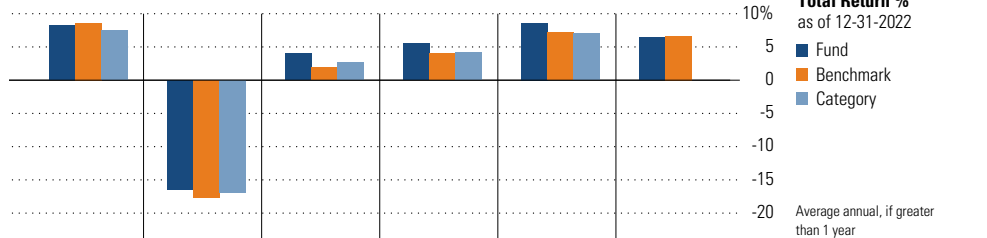
Metric	Rating	Updated
Sustainability Rating	2	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022

## Growth of \$10,000



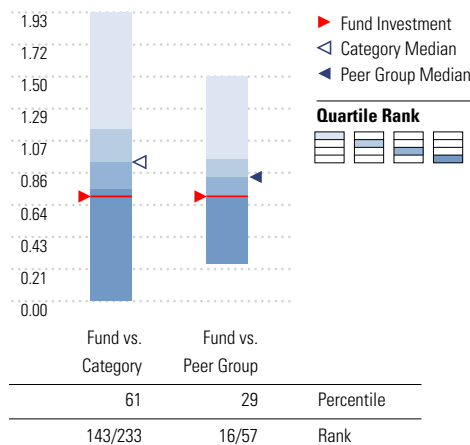
2013	2014	2015	2016	2017	2018	2019	2020	2021	YTD	History
25.57	6.66	0.23	7.65	20.63	-5.52	22.90	17.11	15.13	-16.52	Total Return %
3.54	0.86	2.81	-2.42	2.11	1.30	-0.14	3.73	1.50	1.23	+/- Benchmark
5.57	1.42	1.99	0.08	2.20	1.52	0.86	3.07	1.37	0.40	+/- Category
2	18	2	54	8	10	29	8	16	33	Tot Ret % Rank in Cat
201	187	215	213	224	238	250	230	239	232	# of Funds in Cat
2	1	5	3	0	-	-	9	17	6	Turnover %
-	-	-	-	-	-	-	-	-	-	Expense Ratio

## Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	
8.20	-16.52	4.02	5.50	8.58	6.41	Fund Return %
8.60	-17.75	1.95	3.97	7.14	6.66	Benchmark Return %
7.43	-16.92	2.64	4.20	7.07	-	Category Average %
16	33	2	2	6	-	% Rank in Category
234	232	207	182	114	-	# of Funds in Category

## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	2.05	-	0.75
Beta	0.95	-	0.96
R-Squared	98.85	-	98.60
Standard Deviation	16.21	16.88	16.36
Sharpe Ratio	0.27	0.15	0.19
Tracking Error	1.90	-	2.15
Information Ratio	1.09	-	0.38
Up Capture Ratio	102.43	-	99.09
Down Capture Ratio	93.64	-	95.91

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.34	14.82	15.66
Price/Book Ratio	3.10	2.18	2.41
Avg Eff Duration	5.36	-	-

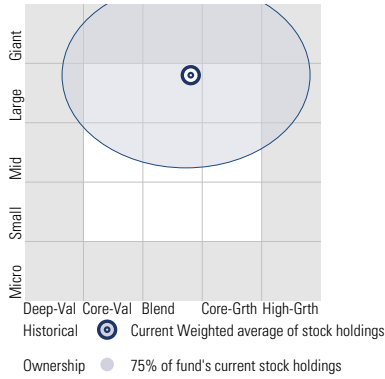
# American Funds 2035 Trgt Date Retire R4 RDFTX

**Morningstar Category**  
Target-Date 2035

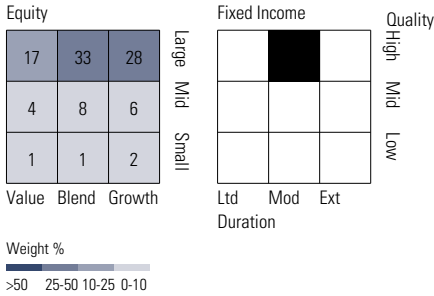
**Morningstar Index**  
Morningstar Lifetime Mod 2035 TR USD

## Style Analysis as of 12-31-2022

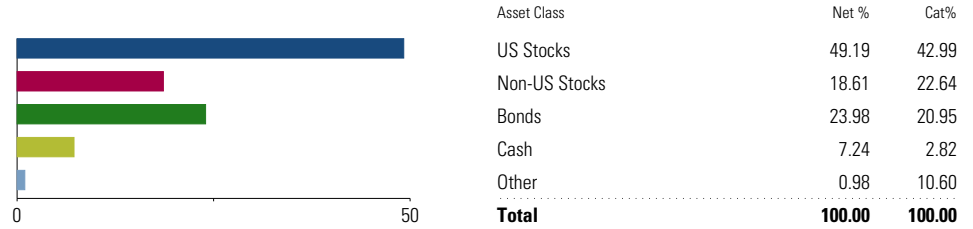
Morningstar Style Box™



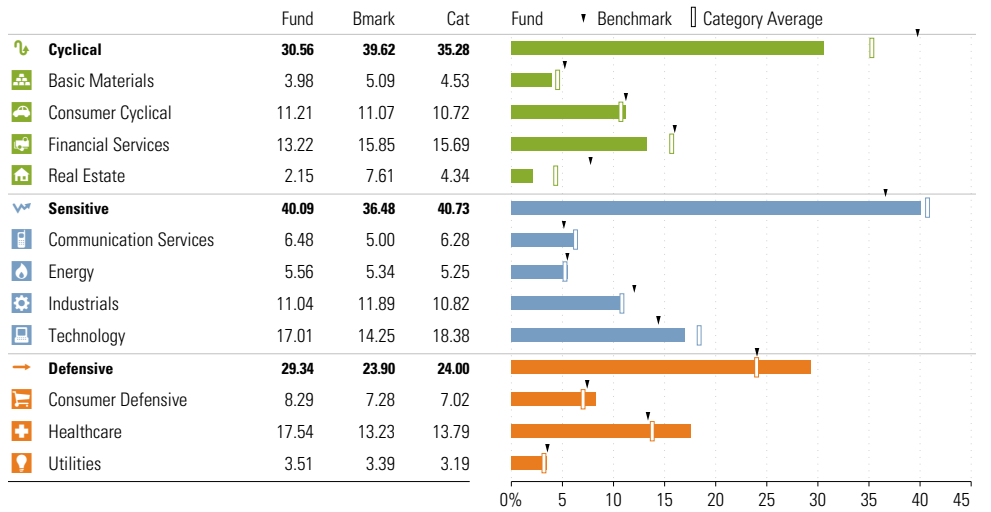
## Style Breakdown



## Asset Allocation as of 12-31-2022



## Sector Weighting as of 12-31-2022



## Top 10 Holdings as of 12-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds American Balanced R6	–	7.93	7.93	–	–
⊖ American Funds Capital World Gr&Inc R6	–	7.03	14.96	–	–
⊕ American Funds American Mutual R6	–	7.03	21.99	–	–
⊕ American Funds Fundamental Invs R6	–	6.43	28.42	–	–
⊕ American Funds Growth Fund of Amer R6	–	6.22	34.63	–	–
⊕ American Funds AMCAP R6	–	6.22	40.85	–	–
⊕ American Funds Washington Mutual R6	–	5.43	46.28	–	–
⊕ American Funds US Government Sec R6	–	5.03	51.30	–	–
⊕ American Funds Global Balanced R6	–	4.99	56.29	–	–
⊕ American Funds SMALLCAP World R6	–	4.79	61.08	–	–

## Total Holdings 25

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# American Funds 2040 Trgt Date Retire R4 RDGTX

**Morningstar Category**  
Target-Date 2040

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

## Portfolio Manager(s)

Bradley Vogt since 01-2012  
Wesley Phoa since 01-2012  
Samir Mathur since 01-2020  
David Hoag since 01-2020  
Michelle Black since 01-2020  
Shannon Ward since 01-2021  
Jessica Spaly since 01-2023

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2040 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 11.01 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 0.71 is 5.97% higher than the Target-Date 2040 category average.

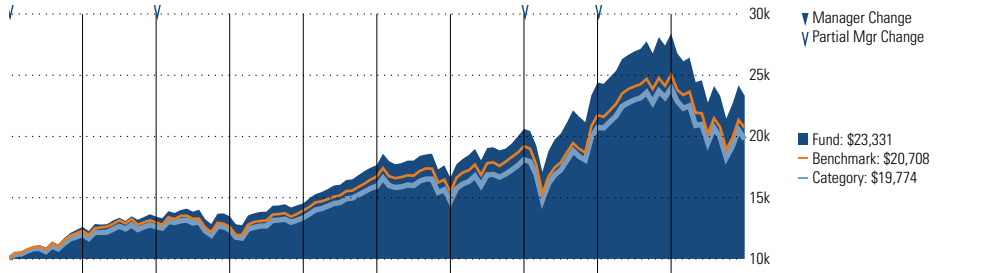
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

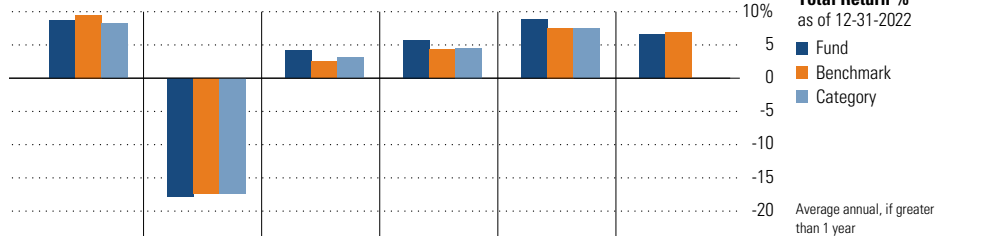
Metric	Rating	Updated
Sustainability Rating	2	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022

## Growth of \$10,000



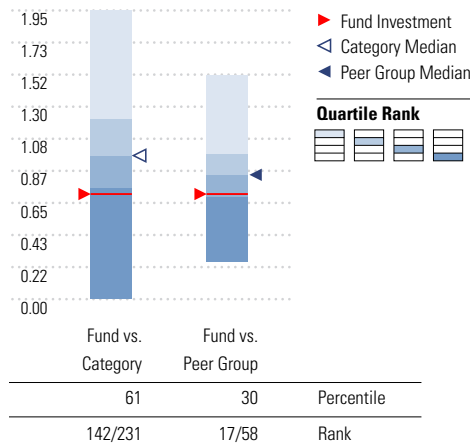
2013	2014	2015	2016	2017	2018	2019	2020	2021	YTD	History
26.16	6.60	0.21	7.82	21.59	-5.85	23.94	18.37	16.38	-17.86	Total Return %
3.11	1.09	3.04	-2.79	1.72	1.80	-0.41	5.28	1.03	-0.49	+/- Benchmark
6.19	1.35	2.20	-0.13	2.07	1.89	0.75	3.81	0.91	-0.54	+/- Category
2	22	3	50	10	7	38	8	26	52	Tot Ret % Rank in Cat
238	222	251	241	252	258	262	241	243	236	# of Funds in Cat
2	1	5	2	0	-	-	5	17	4	Turnover %
-	-	-	-	-	-	-	-	-	-	Expense Ratio

## Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	
8.68	-17.86	4.21	5.72	8.84	6.57	Fund Return %
9.50	-17.37	2.54	4.36	7.55	6.86	Benchmark Return %
8.24	-17.32	3.12	4.55	7.51	-	Category Average %
31	52	3	2	6	-	% Rank in Category
238	236	208	185	110	-	# of Funds in Category

## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.67	-	0.66
Beta	0.95	-	0.97
R-Squared	98.65	-	98.66
Standard Deviation	17.60	18.32	17.80
Sharpe Ratio	0.27	0.18	0.21
Tracking Error	2.21	-	2.24
Information Ratio	0.76	-	0.32
Up Capture Ratio	101.63	-	99.40
Down Capture Ratio	95.11	-	96.89

## Portfolio Metrics

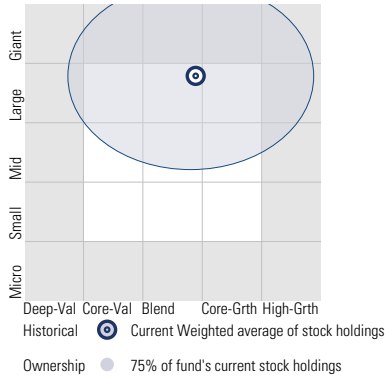
	Fund	Bmark	Cat
Price/Earnings Ratio	17.57	14.67	15.50
Price/Book Ratio	3.15	2.15	2.39
Avg Eff Duration	5.63	-	-

# American Funds 2040 Trgt Date Retire R4 RDGTX

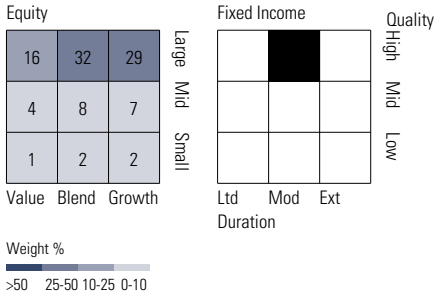
**Morningstar Category**  
Target-Date 2040

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

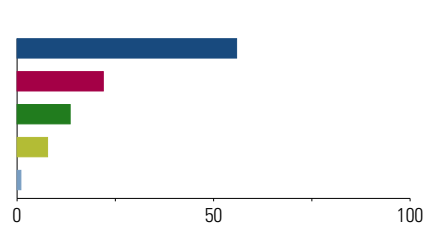
**Style Analysis** as of 12-31-2022  
Morningstar Style Box™



**Style Breakdown**

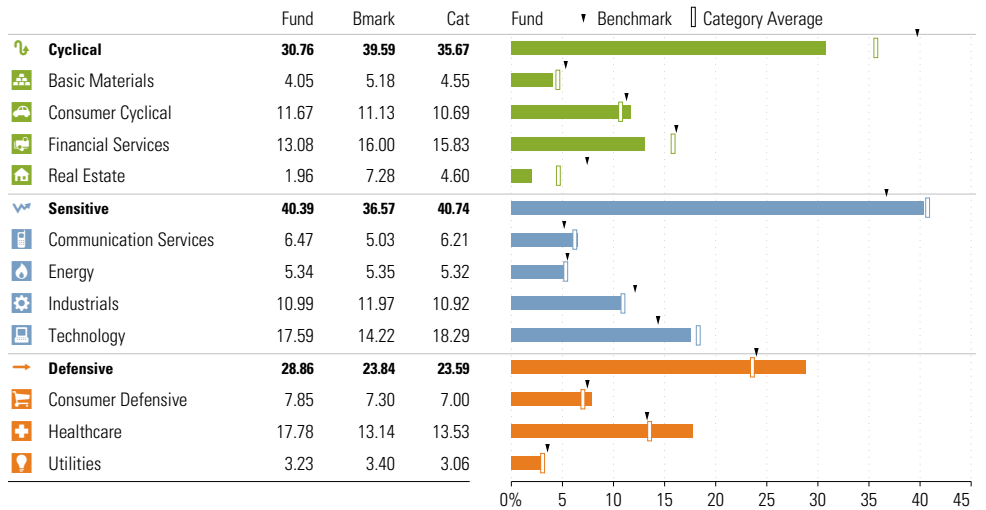


**Asset Allocation** as of 12-31-2022



Asset Class	Net %	Cat%
US Stocks	55.85	48.99
Non-US Stocks	21.93	26.05
Bonds	13.50	13.20
Cash	7.75	1.88
Other	0.96	9.88
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 12-31-2022



**Top 10 Holdings** as of 12-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds American Balanced R6	-	8.00	8.00	-	-
⊖ American Funds Capital World Gr&Inc R6	-	7.42	15.41	-	-
⊕ American Funds Fundamental Invs R6	-	7.42	22.83	-	-
⊕ American Funds American Mutual R6	-	7.00	29.83	-	-
⊕ American Funds Growth Fund of Amer R6	-	6.98	36.82	-	-
⊕ American Funds AMCAP R6	-	6.98	43.79	-	-
⊕ American Funds New Perspective R6	-	6.96	50.76	-	-
⊕ American Funds Washington Mutual R6	-	6.42	57.17	-	-
⊕ American Funds SMALLCAP World R6	-	6.37	63.54	-	-
⊕ American Funds Global Balanced R6	-	5.01	68.55	-	-

**Total Holdings** 22

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# American Funds 2045 Trgt Date Retire R4 RDHTX

**Morningstar Category**  
Target-Date 2045

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

## Portfolio Manager(s)

Bradley Vogt since 01-2012  
Wesley Phoa since 01-2012  
Samir Mathur since 01-2020  
David Hoag since 01-2020  
Michelle Black since 01-2020  
Shannon Ward since 01-2021  
Jessica Spaly since 01-2023

## Quantitative Screens

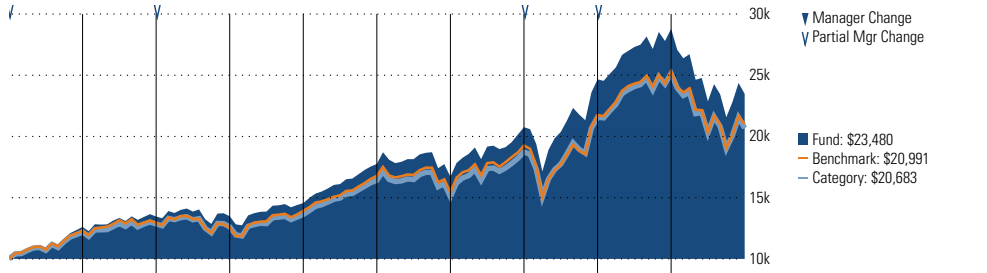
✔ **Performance:** The fund has finished in the Target-Date 2045 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 11.01 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.72 is 7.46% higher than the Target-Date 2045 category average.

## Growth of \$10,000



2013	2014	2015	2016	2017	2018	2019	2020	2021	YTD	History
26.12	6.72	0.20	7.93	21.98	-5.90	24.25	18.80	16.74	-18.45	Total Return %
3.05	1.47	3.23	-2.91	1.45	2.27	-0.72	5.85	0.38	-1.39	+/- Benchmark
4.12	1.37	2.07	0.00	1.47	2.24	-0.10	3.70	0.11	-0.70	+/- Category
4	20	3	56	14	4	62	5	50	64	Tot Ret % Rank in Cat
200	187	214	212	223	237	249	229	238	232	# of Funds in Cat
2	1	5	3	0	-	-	4	15	-	Turnover %
-	-	-	-	-	-	-	-	-	-	Expense Ratio

## 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

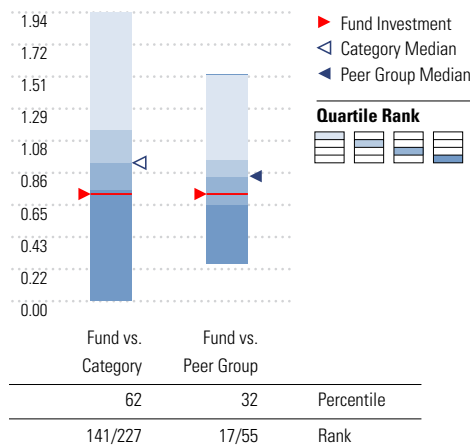
Metric	Rating	Updated
Sustainability Rating	2	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022

## Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	
8.86	-18.45	4.19	5.75	8.91	6.61	Fund Return %
10.16	-17.06	2.92	4.58	7.70	6.95	Benchmark Return %
8.76	-17.75	3.45	4.83	7.74	-	Category Average %
59	64	9	6	6	-	% Rank in Category
234	232	207	182	113	-	# of Funds in Category

## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.33	-	0.60
Beta	0.93	-	0.97
R-Squared	98.28	-	98.58
Standard Deviation	18.04	19.22	18.72
Sharpe Ratio	0.27	0.20	0.23
Tracking Error	2.72	-	2.33
Information Ratio	0.47	-	0.27
Up Capture Ratio	98.87	-	99.79
Down Capture Ratio	93.96	-	97.67

## Portfolio Metrics

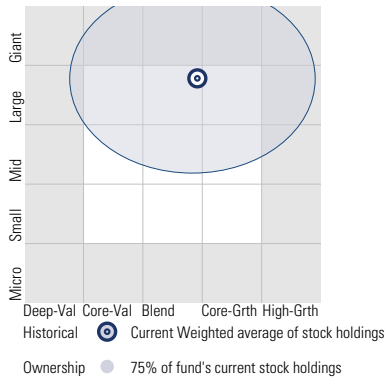
	Fund	Bmark	Cat
Price/Earnings Ratio	17.67	14.54	15.52
Price/Book Ratio	3.19	2.13	2.38
Avg Eff Duration	6.00	-	-

# American Funds 2045 Trgt Date Retire R4 RDHTX

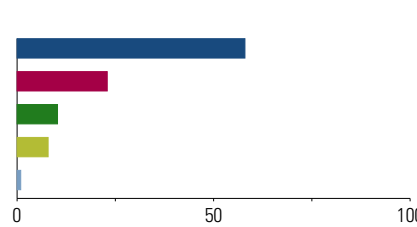
**Morningstar Category**  
Target-Date 2045

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

**Style Analysis** as of 12-31-2022  
Morningstar Style Box™

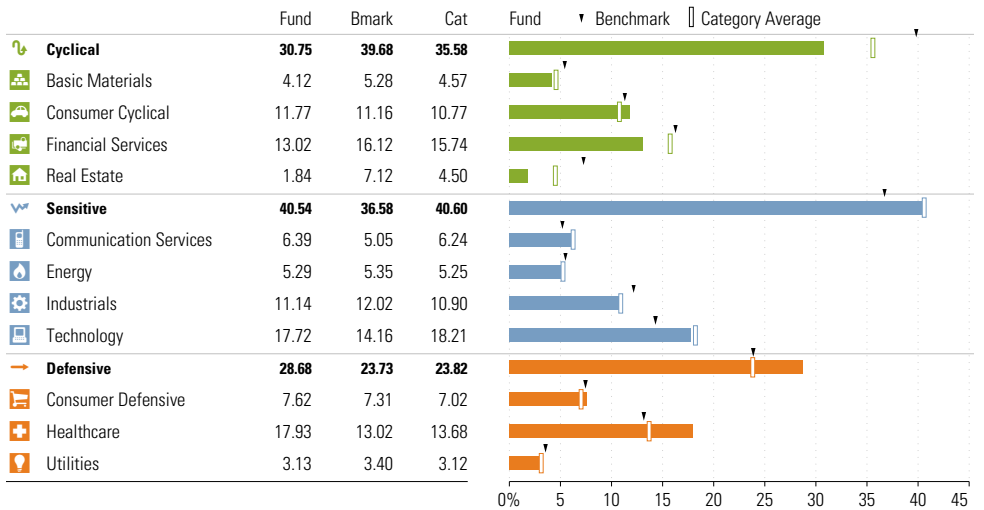


**Asset Allocation** as of 12-31-2022

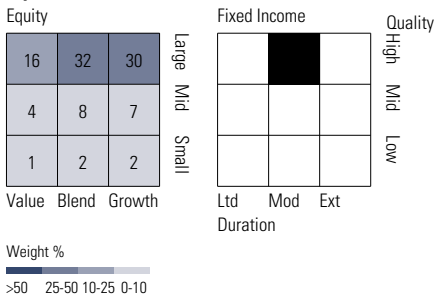


Asset Class	Net %	Cat%
US Stocks	51.87	51.87
Non-US Stocks	28.18	28.18
Bonds	7.40	7.40
Cash	2.14	2.14
Other	10.41	10.41
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 12-31-2022



**Style Breakdown**



**Top 10 Holdings** as of 12-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds New Perspective R6	-	7.80	7.80	-	-
⊕ American Funds Washington Mutual R6	-	7.75	15.55	-	-
⊕ American Funds Capital World Gr&Inc R6	-	7.74	23.29	-	-
⊕ American Funds Fundamental Invs R6	-	7.70	30.99	-	-
⊕ American Funds American Balanced R6	-	7.60	38.59	-	-
⊕ American Funds SMALLCAP World R6	-	7.40	46.00	-	-
⊕ American Funds American Mutual R6	-	7.35	53.35	-	-
⊕ American Funds Growth Fund of Amer R6	-	7.00	60.35	-	-
⊕ American Funds AMCAP R6	-	7.00	67.35	-	-
⊕ American Funds US Government Sec R6	-	5.00	72.36	-	-

**Total Holdings** 19

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# American Funds 2050 Trgt Date Retire R4 RDITX

**Morningstar Category**  
Target-Date 2050

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

## Portfolio Manager(s)

Bradley Vogt since 01-2012  
Wesley Phoa since 01-2012  
Samir Mathur since 01-2020  
David Hoag since 01-2020  
Michelle Black since 01-2020  
Shannon Ward since 01-2021  
Jessica Spaly since 01-2023

## Quantitative Screens

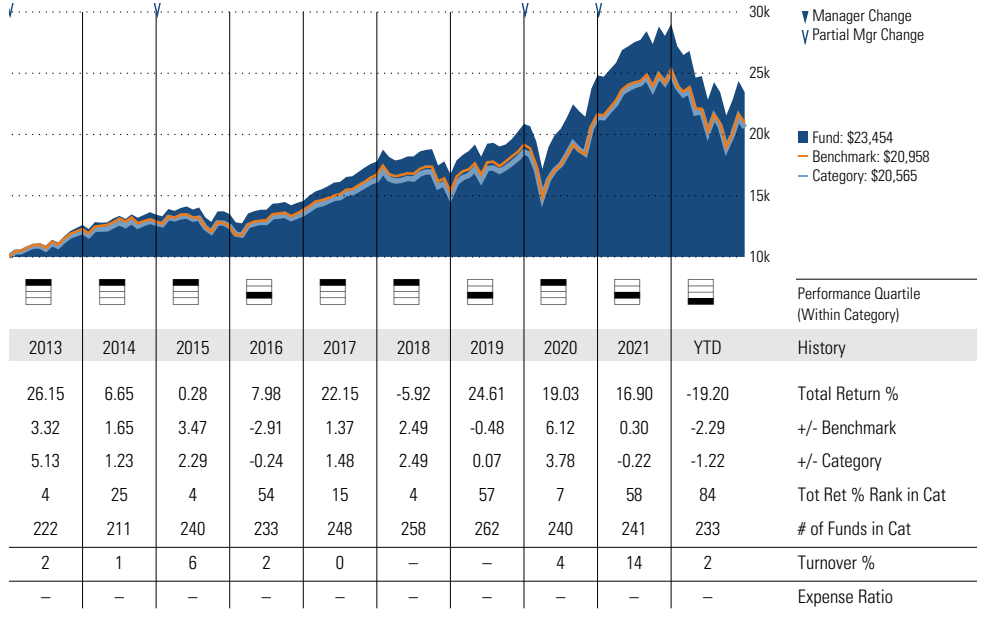
✔ **Performance:** The fund has finished in the Target-Date 2050 category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 11.01 years.

✔ **Style:** The fund has landed in its primary style box — Large Blend — 70 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.73 is 7.35% higher than the Target-Date 2050 category average.

## Growth of \$10,000



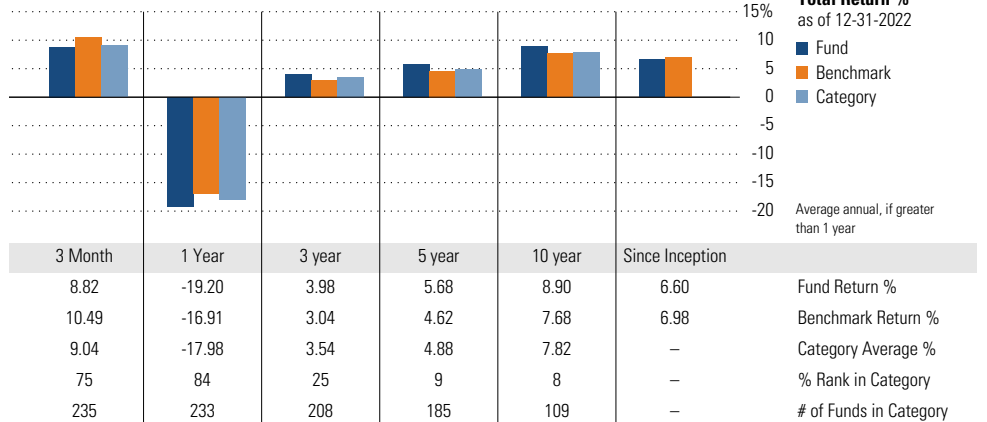
## Morningstar Investment Management LLC Analysis

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

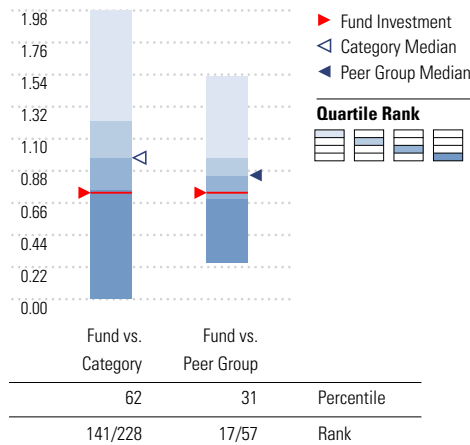
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022

## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.02	-	0.54
Beta	0.93	-	0.97
R-Squared	97.95	-	98.50
Standard Deviation	18.33	19.56	19.14
Sharpe Ratio	0.26	0.21	0.23
Tracking Error	2.98	-	2.37
Information Ratio	0.32	-	0.23
Up Capture Ratio	98.24	-	100.31
Down Capture Ratio	94.60	-	98.47

## Portfolio Metrics

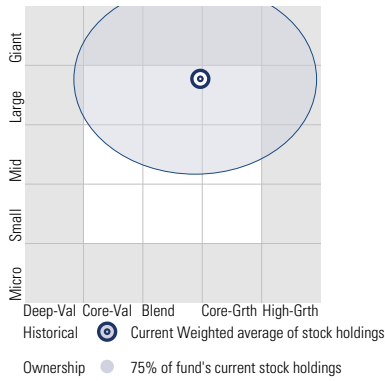
	Fund	Bmark	Cat
Price/Earnings Ratio	17.77	14.42	15.55
Price/Book Ratio	3.21	2.11	2.38
Avg Eff Duration	6.04	-	-

# American Funds 2050 Trgt Date Retire R4 RDITX

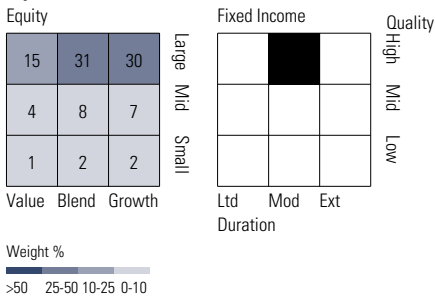
**Morningstar Category**  
Target-Date 2050

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

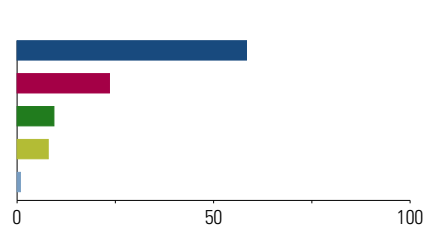
**Style Analysis** as of 12-31-2022  
Morningstar Style Box™



**Style Breakdown**

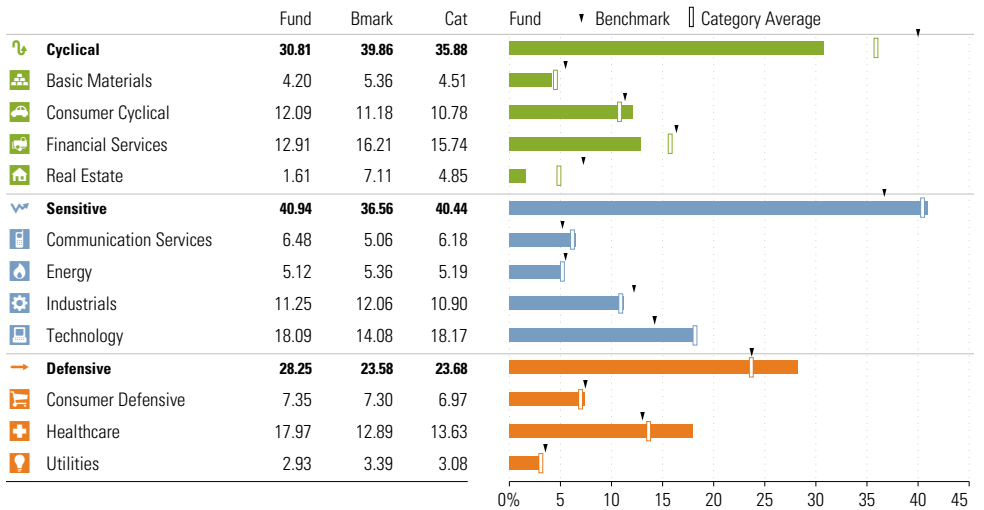


**Asset Allocation** as of 12-31-2022



Asset Class	Net %	Cat%
US Stocks	58.37	54.64
Non-US Stocks	23.50	28.82
Bonds	9.37	5.08
Cash	7.92	1.99
Other	0.84	9.48
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 12-31-2022



**Top 10 Holdings** as of 12-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds New Perspective R6	—	8.99	8.99	—	—
⊕ American Funds SMALLCAP World R6	—	8.40	17.40	—	—
⊕ American Funds Capital World Gr&Inc R6	—	8.36	25.76	—	—
⊕ American Funds Fundamental Invs R6	—	8.34	34.10	—	—
⊕ American Funds Washington Mutual R6	—	8.09	42.19	—	—
⊕ American Funds Growth Fund of Amer R6	—	7.01	49.20	—	—
⊕ American Funds AMCAP R6	—	7.00	56.20	—	—
⊕ American Funds American Mutual R6	—	6.69	62.89	—	—
⊕ American Funds American Balanced R6	—	6.60	69.49	—	—
⊕ American Funds Global Balanced R6	—	5.40	74.89	—	—

**Total Holdings** 19

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# American Funds 2055 Trgt Date Retire R4 RDJTX

**Morningstar Category**  
Target-Date 2055

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

## Portfolio Manager(s)

Bradley Vogt since 01-2012  
Wesley Phoa since 01-2012  
Samir Mathur since 01-2020  
David Hoag since 01-2020  
Michelle Black since 01-2020  
Shannon Ward since 01-2021  
Jessica Spaly since 01-2023

## Quantitative Screens

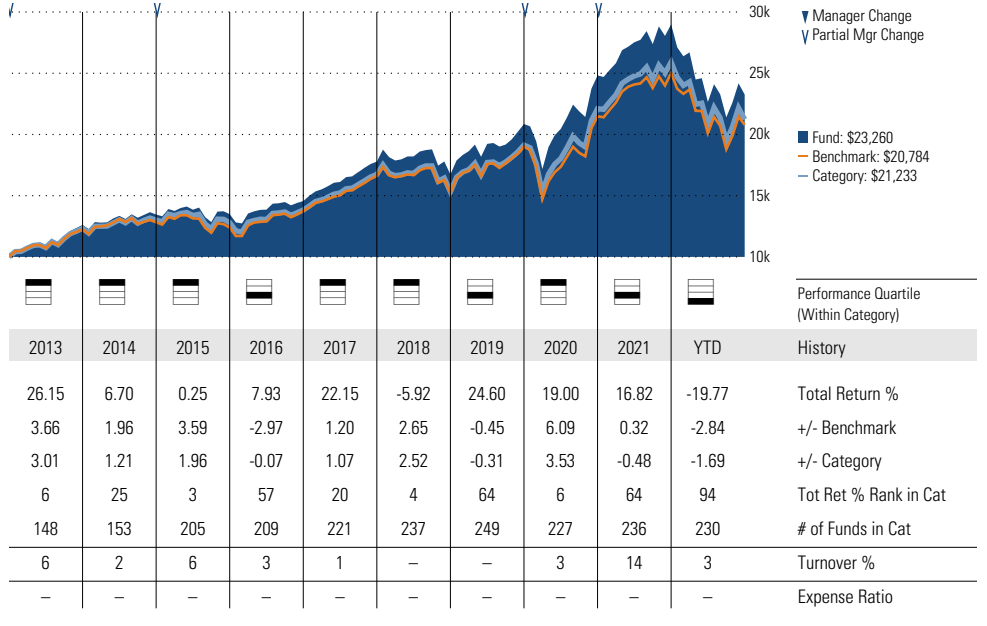
✔ **Performance:** The fund has finished in the Target-Date 2055 category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 11.01 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 0.73 is 7.35% higher than the Target-Date 2055 category average.

## Growth of \$10,000



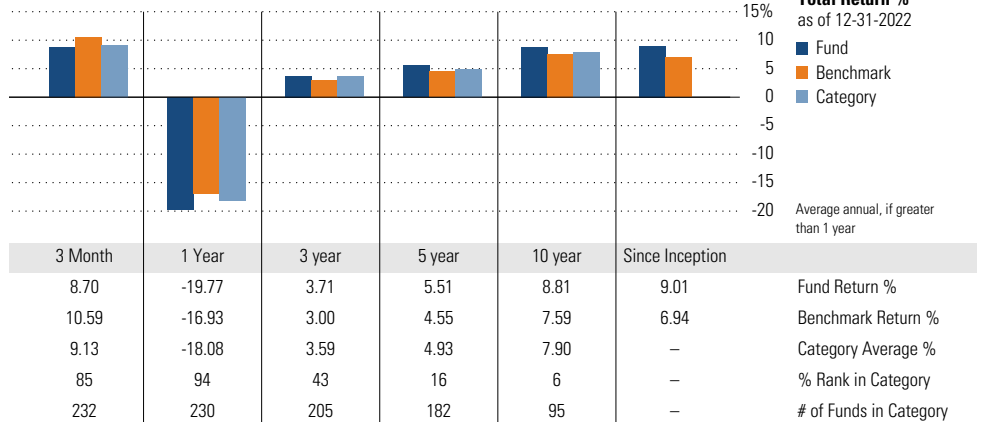
## Morningstar Investment Management LLC Analysis

This fund fails our current style screen. Because this is a target-date fund, this screen failure does not concern us and we are still comfortable using this fund.

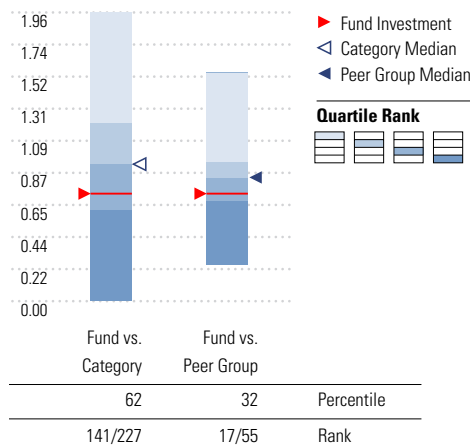
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022

## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.80	-	0.60
Beta	0.93	-	0.97
R-Squared	97.68	-	98.44
Standard Deviation	18.44	19.64	19.28
Sharpe Ratio	0.24	0.20	0.23
Tracking Error	3.15	-	2.41
Information Ratio	0.23	-	0.25
Up Capture Ratio	98.08	-	100.91
Down Capture Ratio	95.32	-	98.86

## Portfolio Metrics

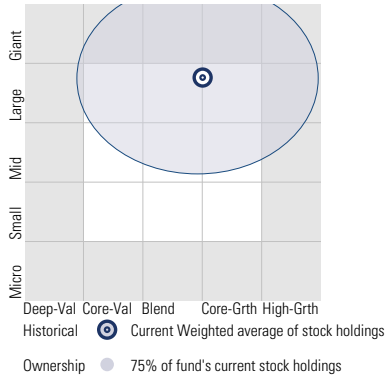
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.83	14.31	15.34
Price/Book Ratio	3.22	2.08	2.33
Avg Eff Duration	6.09	-	-

# American Funds 2055 Trgt Date Retire R4 RDJTX

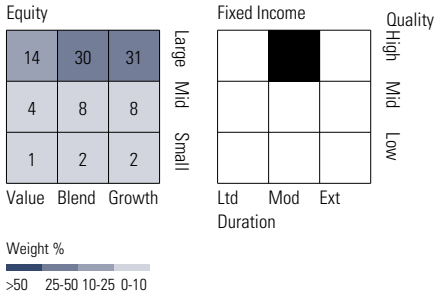
**Morningstar Category**  
Target-Date 2055

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

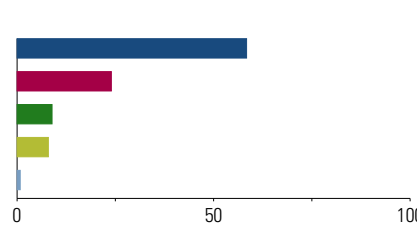
**Style Analysis** as of 12-31-2022  
Morningstar Style Box™



**Style Breakdown**

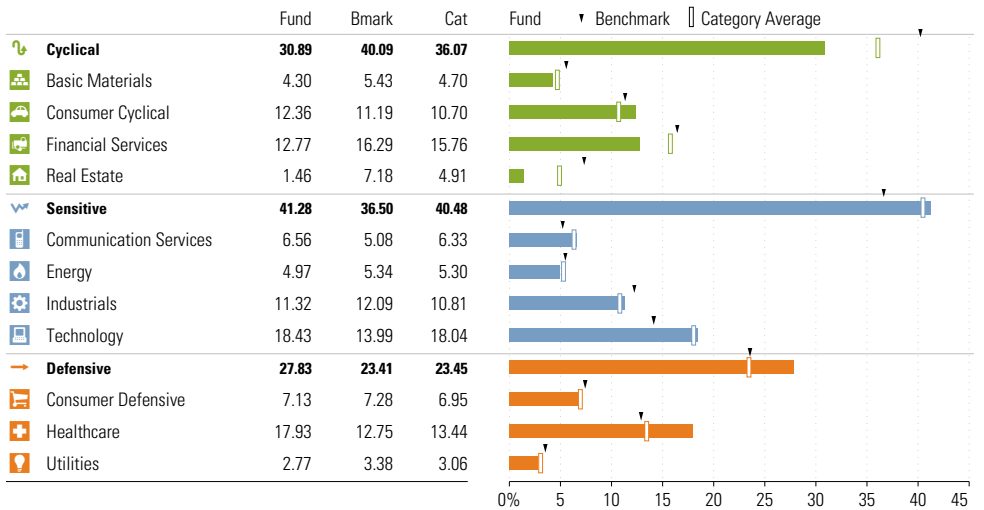


**Asset Allocation** as of 12-31-2022



Asset Class	Net %	Cat%
US Stocks	58.39	54.52
Non-US Stocks	23.98	31.50
Bonds	8.89	4.37
Cash	7.95	1.45
Other	0.79	8.15
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 12-31-2022



**Top 10 Holdings** as of 12-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds SMALLCAP World R6	-	9.41	9.41	-	-
⊕ American Funds New Perspective R6	-	9.40	18.81	-	-
⊕ American Funds Fundamental Invs R6	-	9.00	27.81	-	-
⊕ American Funds Capital World Gr&Inc R6	-	9.00	36.82	-	-
⊕ American Funds Washington Mutual R6	-	8.00	44.82	-	-
⊕ American Funds Growth Fund of Amer R6	-	7.00	51.83	-	-
⊕ American Funds AMCAP R6	-	7.00	58.83	-	-
⊕ American Funds Invmt Co of Amer R6	-	6.40	65.23	-	-
⊕ American Funds Global Balanced R6	-	6.00	71.24	-	-
⊕ American Funds American Balanced R6	-	6.00	77.24	-	-

**Total Holdings 17**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# American Funds 2060 Trgt Date Retire R4 RDKTX

**Morningstar Category**  
Target-Date 2060

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

## Portfolio Manager(s)

Bradley Vogt since 03-2015  
 Wesley Phoa since 03-2015  
 David Hoag since 01-2020  
 Michelle Black since 01-2020  
 Samir Mathur since 01-2020  
 Shannon Ward since 01-2021  
 Jessica Spaly since 01-2023

## Quantitative Screens

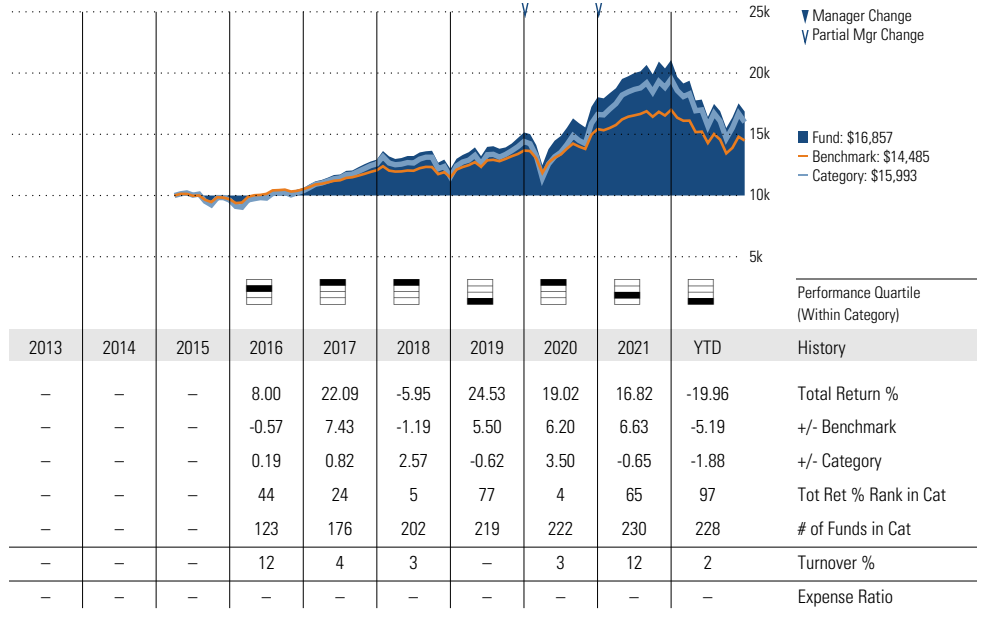
✔ **Performance:** The fund has finished in the Target-Date 2060 category's top three quartiles in 5 of the 7 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.77 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 0.73 is 7.35% higher than the Target-Date 2060 category average.

## Growth of \$10,000



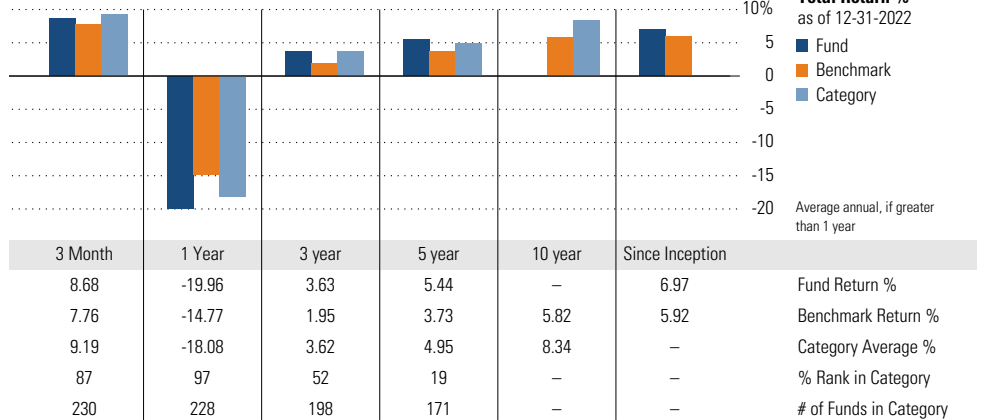
## Morningstar Investment Management LLC Analysis

This fund fails our current style screen. Because this is a target-date fund, this screen failure does not concern us and we are still comfortable using this fund.

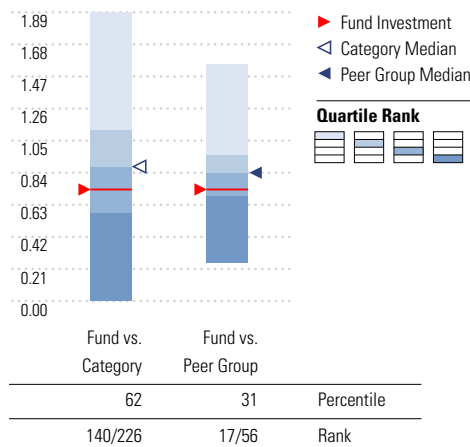
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022

## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.46	-	1.40
Beta	1.32	-	1.39
R-Squared	97.61	-	97.51
Standard Deviation	18.48	13.80	19.38
Sharpe Ratio	0.24	0.15	0.23
Tracking Error	5.30	-	6.19
Information Ratio	0.32	-	0.27
Up Capture Ratio	142.57	-	147.22
Down Capture Ratio	136.16	-	141.29

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.82	14.25	15.56
Price/Book Ratio	3.22	2.06	2.39
Avg Eff Duration	6.09	-	-

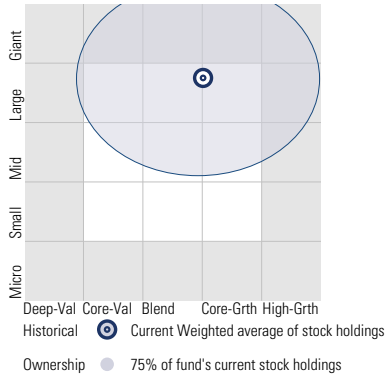
# American Funds 2060 Trgt Date Retire R4 RDKTX

**Morningstar Category**  
Target-Date 2060

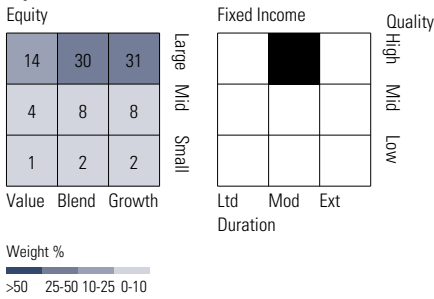
**Morningstar Index**  
Morningstar Mod Tgt Risk TR USD

## Style Analysis as of 12-31-2022

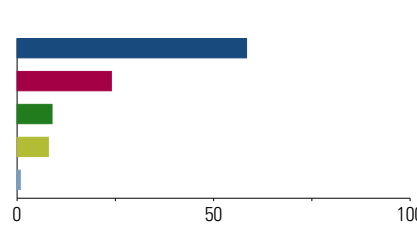
Morningstar Style Box™



## Style Breakdown

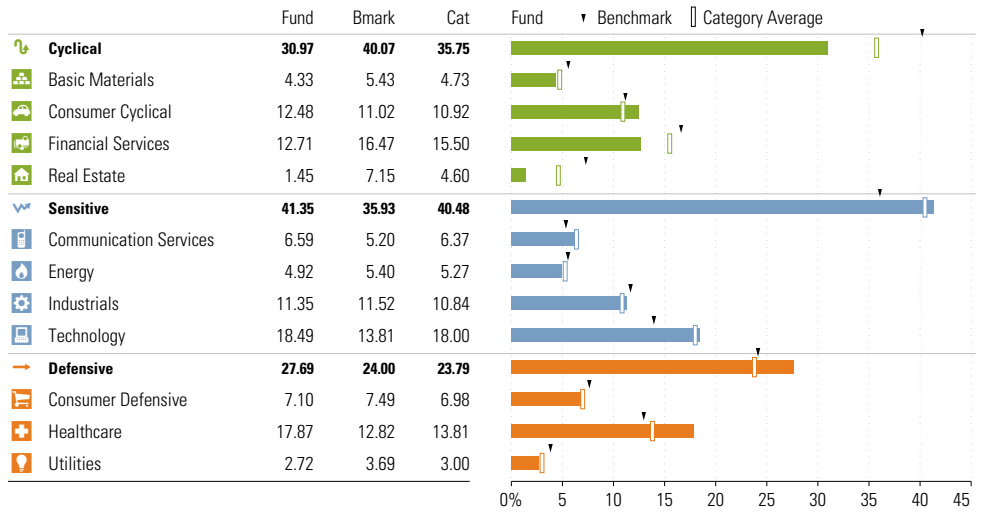


## Asset Allocation as of 12-31-2022



Asset Class	Net %	Cat%
US Stocks	58.39	55.61
Non-US Stocks	23.98	31.95
Bonds	8.89	4.78
Cash	7.94	2.18
Other	0.81	5.50
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2022



## Top 10 Holdings as of 12-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds SMALLCAP World R6	-	10.01	10.01	-	-
⊕ American Funds New Perspective R6	-	10.00	20.01	-	-
⊕ American Funds Fundamental Invs R6	-	9.00	29.01	-	-
⊕ American Funds Capital World Gr&Inc R6	-	9.00	38.01	-	-
⊕ American Funds Washington Mutual R6	-	8.00	46.02	-	-
⊕ American Funds Growth Fund of Amer R6	-	7.00	53.02	-	-
⊕ American Funds AMCAP R6	-	7.00	60.02	-	-
⊕ American Funds Invmt Co of Amer R6	-	7.00	67.03	-	-
⊕ American Funds Global Balanced R6	-	6.00	73.03	-	-
⊕ American Funds American Balanced R6	-	6.00	79.03	-	-

## Total Holdings 16

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# American Funds 2065 Trgt Date Retire R4 RDLTX

**Morningstar Category**  
Target-Date 2065+

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

## Portfolio Manager(s)

Bradley Vogt since 01-2020  
David Hoag since 01-2020  
Michelle Black since 01-2020  
Samir Mathur since 01-2020  
Wesley Phoa since 01-2020  
Shannon Ward since 01-2021  
Jessica Spaly since 01-2023

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 3 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.73 is 15.87% higher than the Target-Date 2065+ category average.

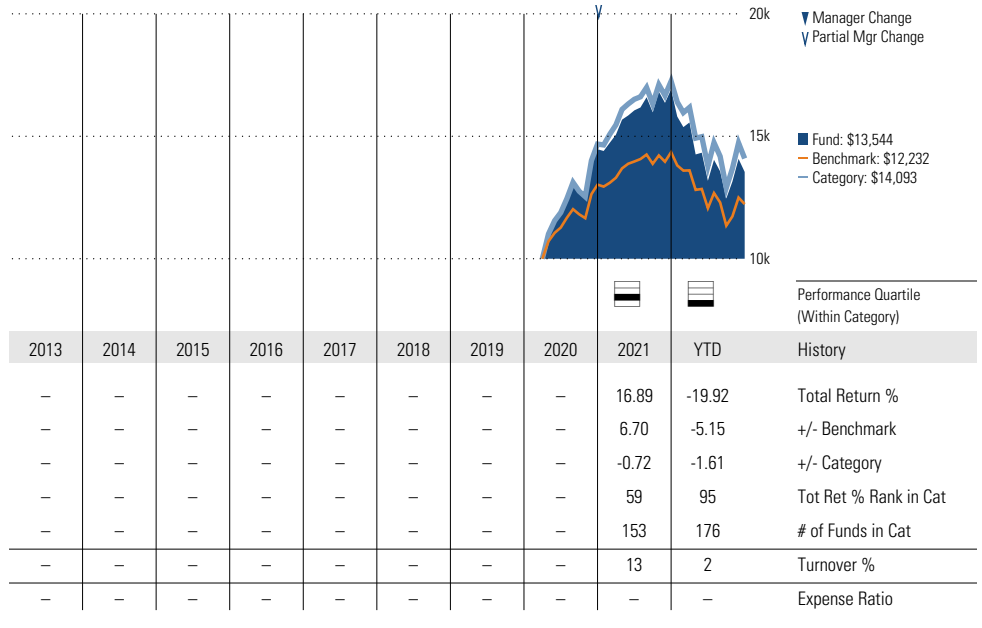
## Morningstar Investment Management LLC Analysis

This fund fails our current style screen. Because this is a target-date fund, this screen failure does not concern us and we are still comfortable using this fund.

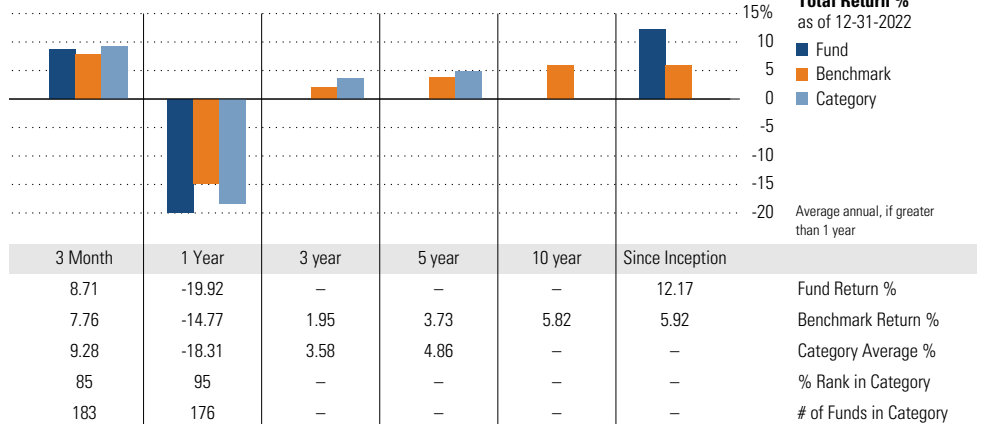
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022

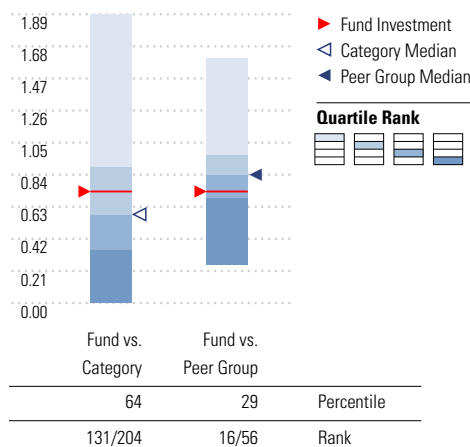
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-	-	1.46
Beta	-	-	1.43
R-Squared	-	-	97.93
Standard Deviation	-	13.80	19.94
Sharpe Ratio	-	0.15	0.24
Tracking Error	-	-	6.59
Information Ratio	-	-	0.26
Up Capture Ratio	-	-	151.52
Down Capture Ratio	-	-	145.37

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.82	14.25	15.08
Price/Book Ratio	3.22	2.06	2.30
Avg Eff Duration	6.09	-	-

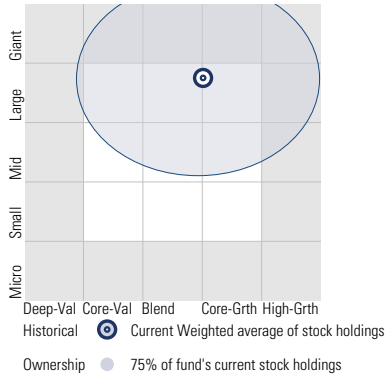
# American Funds 2065 Trgt Date Retire R4 RDLTX

**Morningstar Category**  
Target-Date 2065+

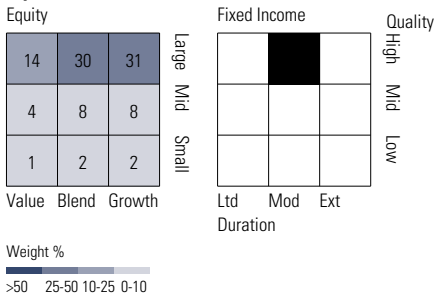
**Morningstar Index**  
Morningstar Mod Tgt Risk TR USD

## Style Analysis as of 12-31-2022

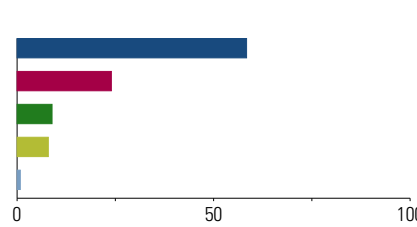
Morningstar Style Box™



## Style Breakdown

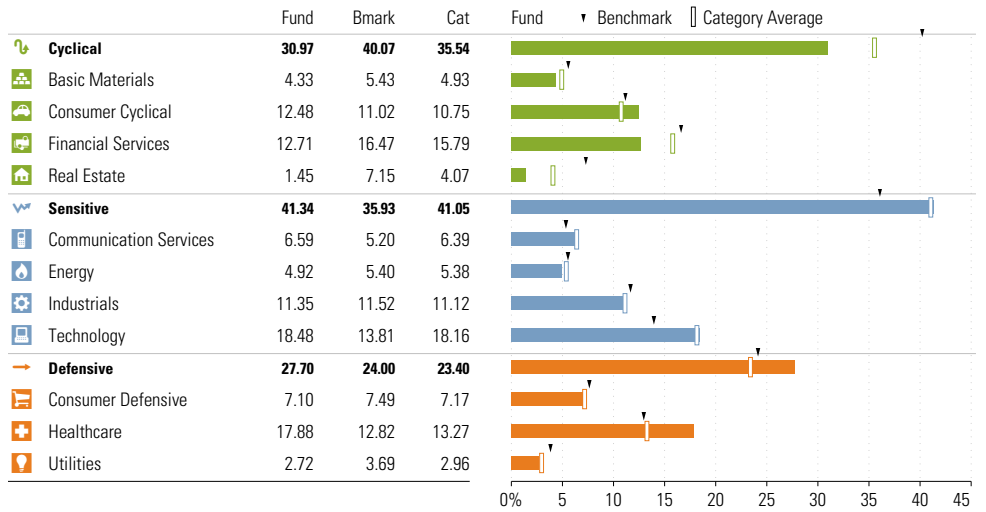


## Asset Allocation as of 12-31-2022



Asset Class	Net %	Cat%
US Stocks	58.39	52.41
Non-US Stocks	23.98	32.83
Bonds	8.89	6.96
Cash	7.94	2.38
Other	0.81	5.41
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2022



## Top 10 Holdings as of 12-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds SMALLCAP World R6	—	10.00	10.00	—	—
⊕ American Funds New Perspective R6	—	10.00	20.01	—	—
⊕ American Funds Fundamental Invs R6	—	9.00	29.01	—	—
⊕ American Funds Capital World Gr&Inc R6	—	9.00	38.01	—	—
⊕ American Funds Washington Mutual R6	—	8.00	46.01	—	—
⊕ American Funds Growth Fund of Amer R6	—	7.00	53.02	—	—
⊕ American Funds AMCAP R6	—	7.00	60.02	—	—
⊕ American Funds Invmt Co of Amer R6	—	7.00	67.02	—	—
⊕ American Funds American Balanced R6	—	6.00	73.02	—	—
⊕ American Funds Global Balanced R6	—	6.00	79.02	—	—

## Total Holdings 16

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# American Funds American Mutual R4 RMFEX

**Morningstar Category**  
Large Value

**Morningstar Index**  
Russell 1000 Value TR USD

## Portfolio Manager(s)

James Lovelace since 01-2006  
 James Terrile since 01-2006  
 William Robbins since 01-2008  
 Cheryl Frank since 01-2014  
 Bradley Vogt since 01-2015  
 Charles Ellwein since 12-2016  
 Grant Cambridge since 01-2021  
 Brantley Thompson since 01-2023

## Quantitative Screens

- Performance:** The fund has finished in the 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 17.01 years.
- Style:** The fund has landed in its primary style box — Large Value — 90 % of the time over the past three years.
- Net Expense:** The fund's expense ratio of 0.62 is 31.11% lower than the Large Value category average.

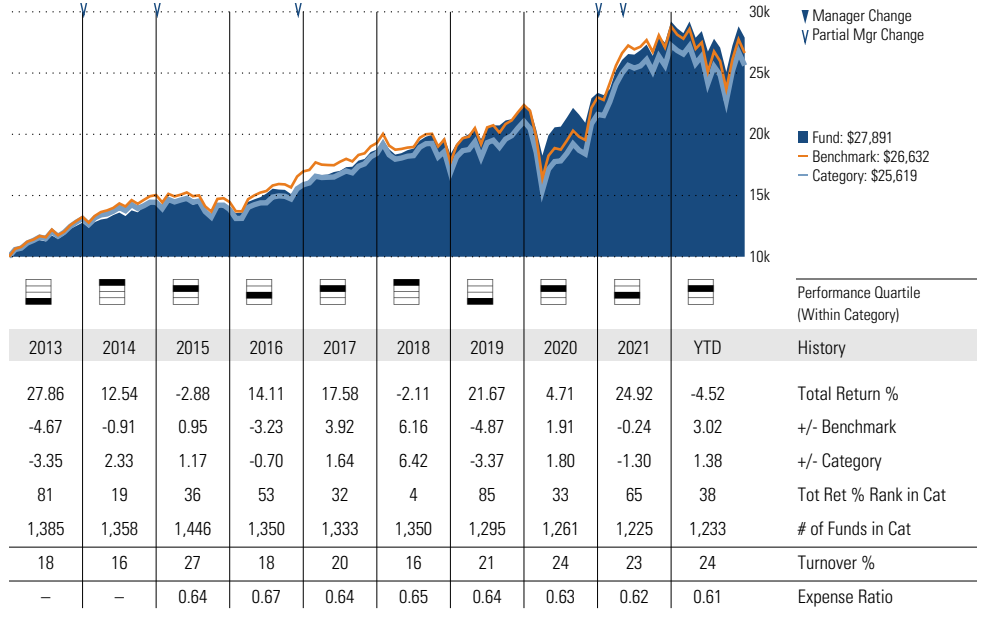
## Morningstar Investment Management LLC Analysis

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.

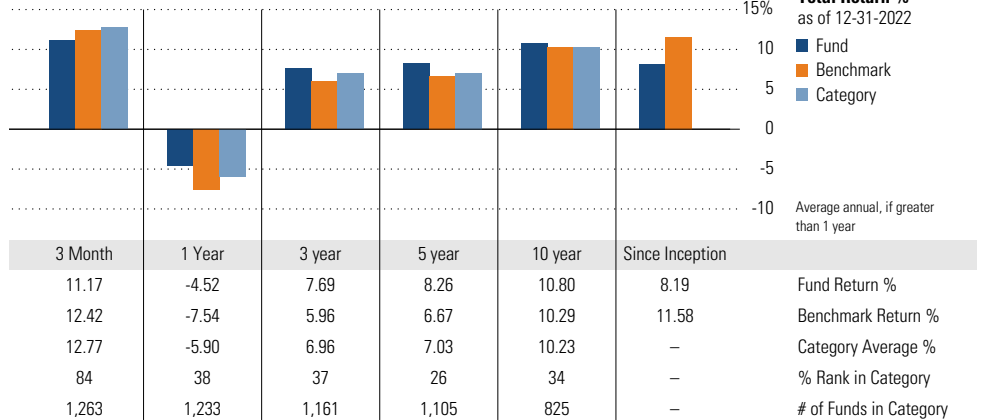
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
Carbon Risk Score	Medium Risk	12-31-2022

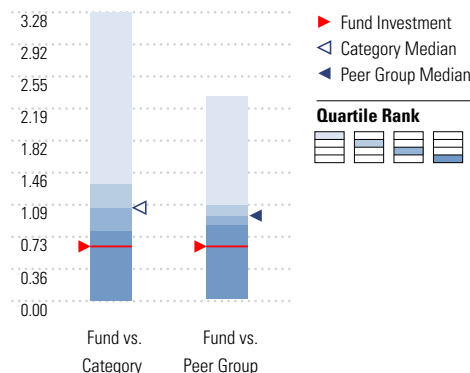
## Growth of \$10,000



## 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	2.68	-	1.13
Beta	0.75	-	0.98
R-Squared	95.14	-	95.78
Standard Deviation	16.64	21.55	21.69
Sharpe Ratio	0.48	0.34	0.38
Tracking Error	6.47	-	4.67
Information Ratio	0.27	-	0.24
Up Capture Ratio	83.91	-	99.43
Down Capture Ratio	75.14	-	95.85

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.48	15.09	13.78
Price/Book Ratio	3.20	2.25	2.38
Geom Avg Mkt Cap \$B	114.48	73.18	109.39
ROE	28.53	18.04	23.75

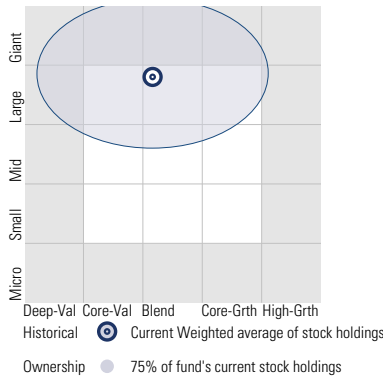
# American Funds American Mutual R4 RMFEX

**Morningstar Category**  
Large Value

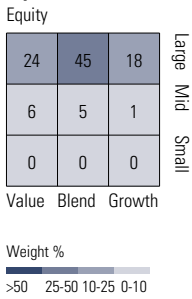
**Morningstar Index**  
Russell 1000 Value TR USD

## Style Analysis as of 12-31-2022

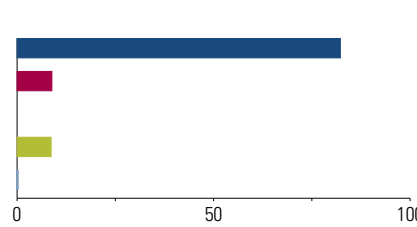
Morningstar Style Box™



## Style Breakdown

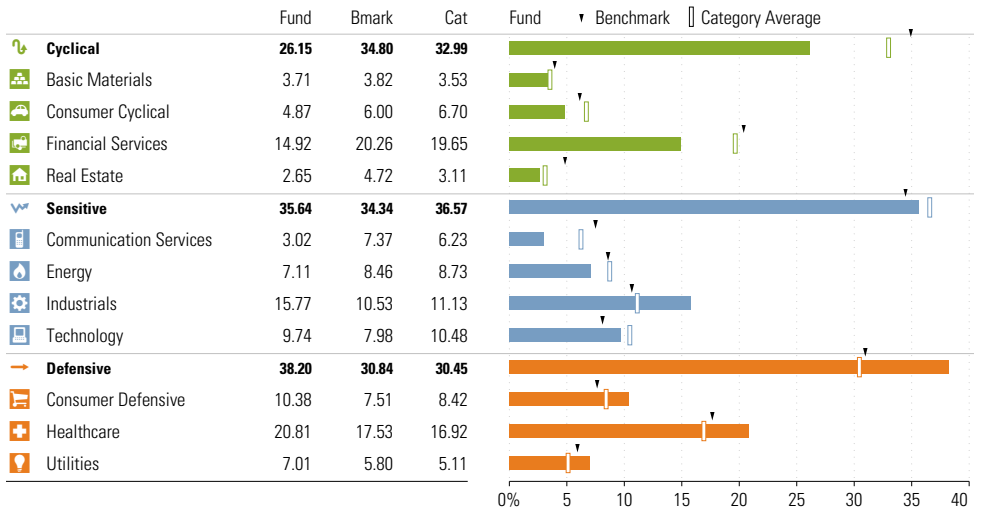


## Asset Allocation as of 12-31-2022



Asset Class	Net %	Cat%
US Stocks	82.25	91.62
Non-US Stocks	8.85	5.57
Bonds	0.00	0.35
Cash	8.65	1.83
Other	0.26	0.62
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2022



## Top 15 Holdings as of 12-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	8.60	8.60	-	-
AbbVie Inc	3.37	11.97	23.80	Healthcare
Microsoft Corp	3.15	15.13	-27.94	Technology
Raytheon Technologies Corp	2.66	17.79	19.78	Industrials
UnitedHealth Group Inc	2.41	20.21	6.86	Healthcare
Linde PLC	2.10	22.30	-4.49	Basic Materials
Gilead Sciences Inc	2.02	24.33	22.26	Healthcare
Abbott Laboratories	1.92	26.25	-20.66	Healthcare
Comcast Corp Class A	1.82	28.07	-28.41	Communication Svc
The Home Depot Inc	1.73	29.80	-22.06	Consumer Cyclical
General Mills Inc	1.67	31.47	27.56	Consumer Defensive
Chevron Corp	1.66	33.13	57.79	Energy
Mondelez International Inc Class A	1.53	34.66	2.73	Consumer Defensive
JPMorgan Chase & Co	1.50	36.16	-12.79	Financial Services
CenterPoint Energy Inc	1.45	37.61	9.96	Utilities

**Total Holdings 178**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# American Funds Capital World Gr&Inc R4 RWIEX

**Morningstar Category**  
Global Large-Stock Blend

**Morningstar Index**  
MSCI ACWI NR USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 16.92 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 0.77 is 22.22% lower than the Global Large-Stock Blend category average.

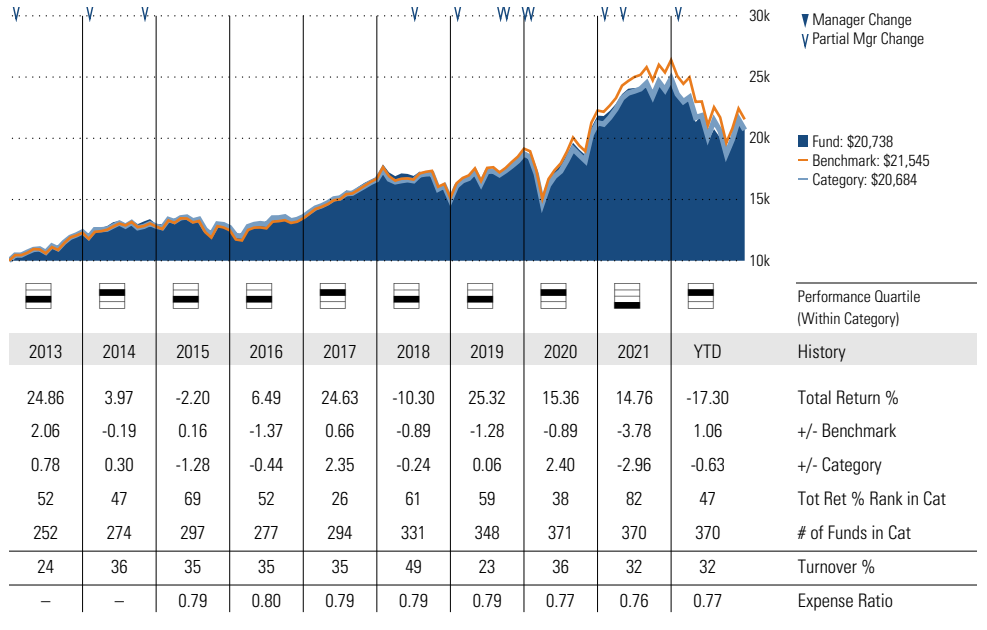
## Morningstar Investment Management LLC Analysis

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

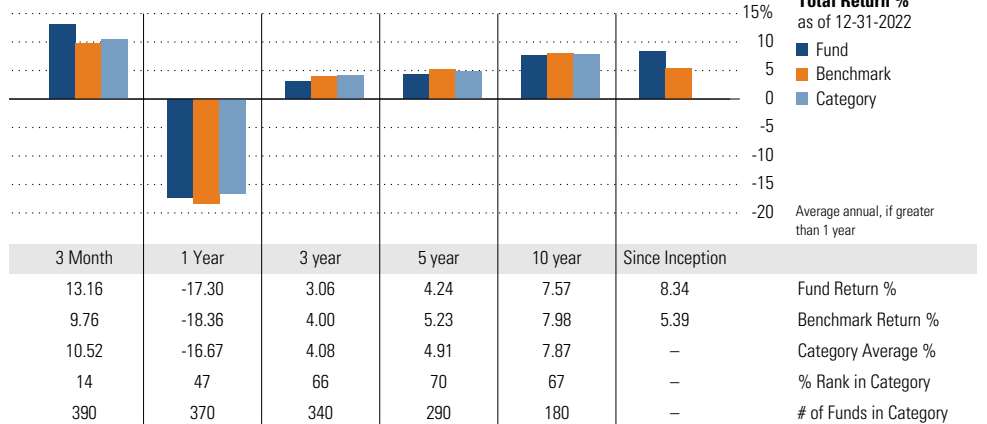
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	05-18-2022

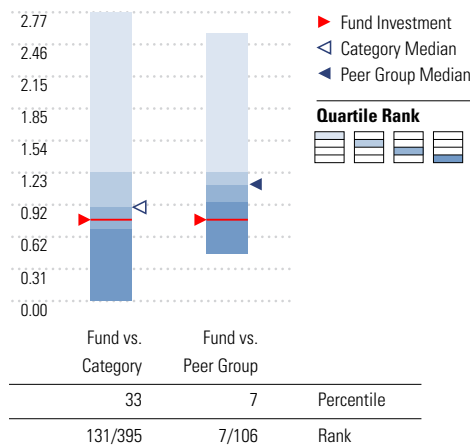
## Growth of \$10,000



## 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	-0.79	-	0.08
Beta	0.96	-	0.97
R-Squared	97.37	-	94.06
Standard Deviation	19.70	20.14	20.17
Sharpe Ratio	0.21	0.25	0.24
Tracking Error	3.27	-	4.85
Information Ratio	-0.29	-	-0.02
Up Capture Ratio	95.95	-	98.24
Down Capture Ratio	98.89	-	98.49

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	15.03	15.37	16.22
Price/Book Ratio	2.83	2.37	2.51
Geom Avg Mkt Cap \$B	88.68	87.09	70.43
ROE	25.67	25.56	24.69

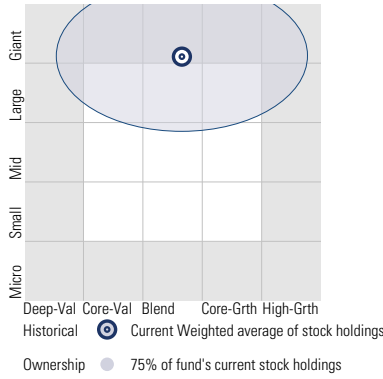
# American Funds Capital World Gr&Inc R4 RWIEX

**Morningstar Category**  
Global Large-Stock Blend

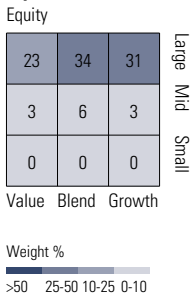
**Morningstar Index**  
MSCI ACWI NR USD

## Style Analysis as of 12-31-2022

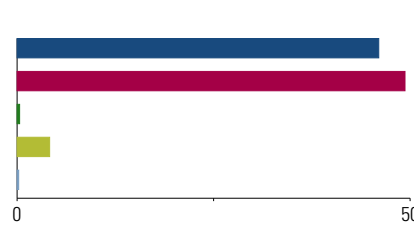
Morningstar Style Box™



## Style Breakdown

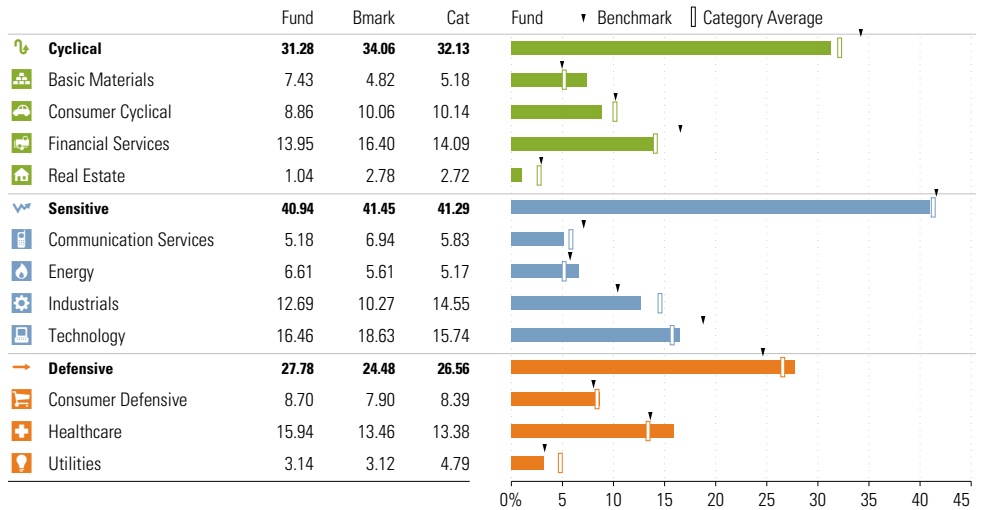


## Asset Allocation as of 12-31-2022



Asset Class	Net %	Cat%
US Stocks	46.01	56.49
Non-US Stocks	49.35	38.12
Bonds	0.32	1.65
Cash	4.14	1.97
Other	0.20	1.77
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2022



## World Regions % Equity 12-31-2022



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	18.25	13.25	Americas	56.46	63.73	Greater Europe	25.29	23.01	Developed Markets	91.05
Japan	6.19	5.32	North America	53.01	62.94	United Kingdom	6.07	6.10	Emerging Markets	8.95
Australasia	1.97	1.21	Central/Latin	3.45	0.79	W euro-ex UK	19.07	16.48	Not Available	0.00
Asia-4 Tigers	4.59	3.49				Emrgng Europe	0.00	0.03		
Asia-ex 4 Tigers	5.50	3.23				Africa	0.15	0.40		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 12-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Broadcom Inc	2.96	2.96	-13.43	Technology
⊖ Microsoft Corp	2.79	5.75	-27.94	Technology
⊖ UnitedHealth Group Inc	2.30	8.05	6.86	Healthcare
⊖ Capital Group Central Cash Fund	2.19	10.24	—	—
⊖ Taiwan Semiconductor Manufacturing Co Ltd	2.03	12.27	-25.28	Technology
⊕ Philip Morris International Inc	1.82	14.09	11.84	Consumer Defensive
⊕ LVMH Moët Hennessy Louis Vuitton SE	1.71	15.80	-4.83	Consumer Cyclical
⊖ Vale SA	1.57	17.38	23.73	Basic Materials
⊖ Abbott Laboratories	1.54	18.91	-20.66	Healthcare
⊖ ASML Holding NV	1.52	20.43	-28.16	Technology

**Total Holdings 357**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# American Funds New World R4 RNWEX

**Morningstar Category**  
Diversified Emerging Mkts

**Morningstar Index**  
MSCI EM NR USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 23.56 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.93 is 19.13% lower than the Diversified Emerging Mkts category average.

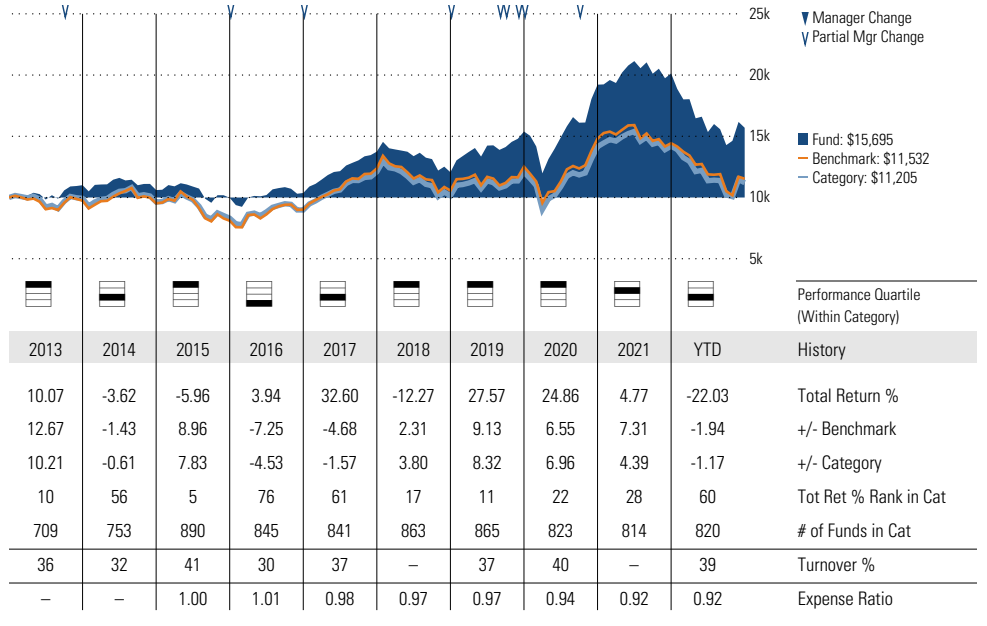
## Morningstar Investment Management LLC Analysis

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

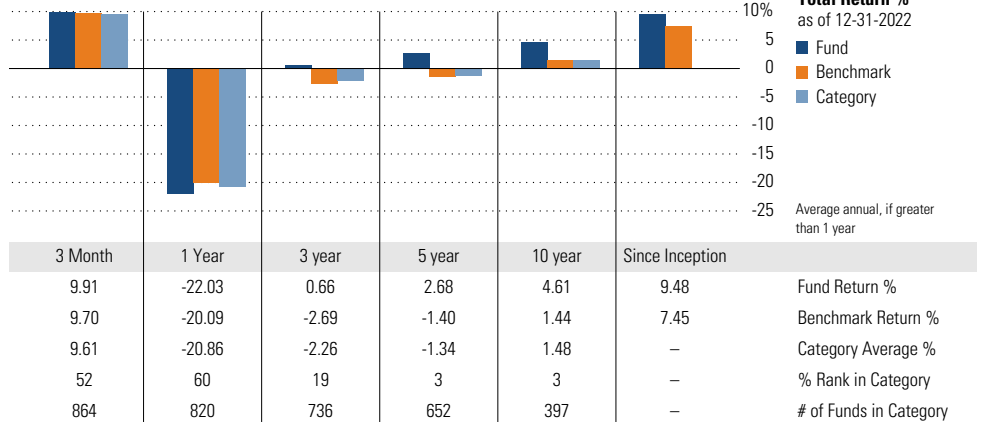
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

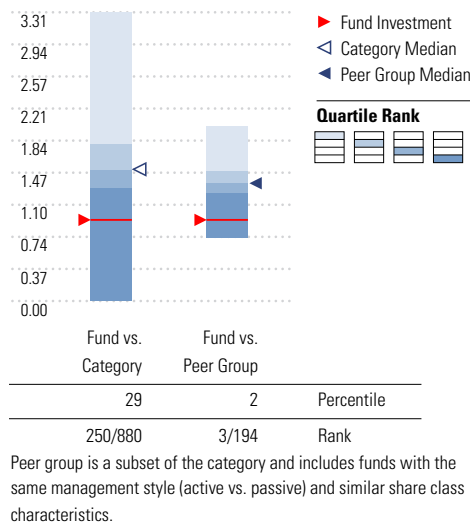
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	3.29	-	0.18
Beta	0.90	-	1.00
R-Squared	82.27	-	88.98
Standard Deviation	20.37	20.55	21.86
Sharpe Ratio	0.09	-0.07	-0.06
Tracking Error	8.82	-	7.01
Information Ratio	0.38	-	-0.06
Up Capture Ratio	101.53	-	102.04
Down Capture Ratio	89.25	-	102.20

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	16.62	10.62	11.64
Price/Book Ratio	2.75	1.56	1.80
Geom Avg Mkt Cap \$B	52.53	33.24	38.67
ROE	22.44	17.19	18.44

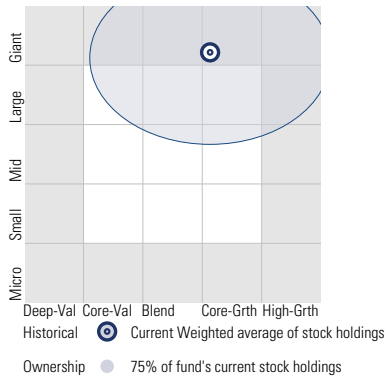
# American Funds New World R4 RNWEX

**Morningstar Category**  
Diversified Emerging Mkts

**Morningstar Index**  
MSCI EM NR USD

## Style Analysis as of 12-31-2022

Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 12-31-2022



Asset Class	Net %	Cat%
US Stocks	23.33	3.20
Non-US Stocks	67.82	94.72
Bonds	3.20	0.03
Cash	5.22	1.92
Other	0.43	0.14
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2022

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>40.45</b>	<b>46.30</b>	<b>45.30</b>			
Basic Materials	9.44	8.87	6.83			
Consumer Cyclical	12.52	13.30	14.15			
Financial Services	16.73	22.17	22.56			
Real Estate	1.76	1.96	1.76			
<b>Sensitive</b>	<b>35.96</b>	<b>40.06</b>	<b>40.12</b>			
Communication Services	5.02	10.43	8.52			
Energy	5.22	5.05	5.06			
Industrials	10.77	5.87	6.10			
Technology	14.95	18.71	20.44			
<b>Defensive</b>	<b>23.60</b>	<b>13.65</b>	<b>14.57</b>			
Consumer Defensive	6.85	6.29	7.69			
Healthcare	14.54	4.38	5.06			
Utilities	2.21	2.98	1.82			

## World Regions % Equity 12-31-2022



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	39.06	74.74	Americas	36.28	14.72	Greater Europe	24.67	10.53	Developed Markets	60.61
Japan	2.68	0.09	North America	27.26	3.11	United Kingdom	2.75	0.66	Emerging Markets	39.39
Australasia	0.68	0.05	Central/Latin	9.02	11.61	W euro-ex UK	19.48	1.79	Not Available	0.00
Asia-4 Tigers	7.33	24.78				Emrgng Europe	0.24	1.33		
Asia-ex 4 Tigers	28.37	49.82				Africa	2.20	6.75		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 12-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	5.06	5.06	-	-
Microsoft Corp	2.68	7.74	-27.94	Technology
Novo Nordisk A/S Class B	2.06	9.79	29.55	Healthcare
Kotak Mahindra Bank Ltd	2.02	11.81	1.73	Financial Services
Reliance Industries Ltd	1.92	13.73	7.86	Energy
Taiwan Semiconductor Manufacturing Co Ltd	1.78	15.51	-25.28	Technology
AIA Group Ltd	1.52	17.04	17.53	Financial Services
Airbus SE	1.43	18.47	0.80	Industrials
LVMH Moet Hennessy Louis Vuitton SE	1.38	19.85	-4.83	Consumer Cyclical
Thermo Fisher Scientific Inc	1.30	21.15	-17.29	Healthcare

**Total Holdings 577**

⊕ 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 28.02 years.

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

✘ **Net Expense:** The fund's expense ratio of 1.29 is 26.47% higher than the Mid-Cap Growth category average.

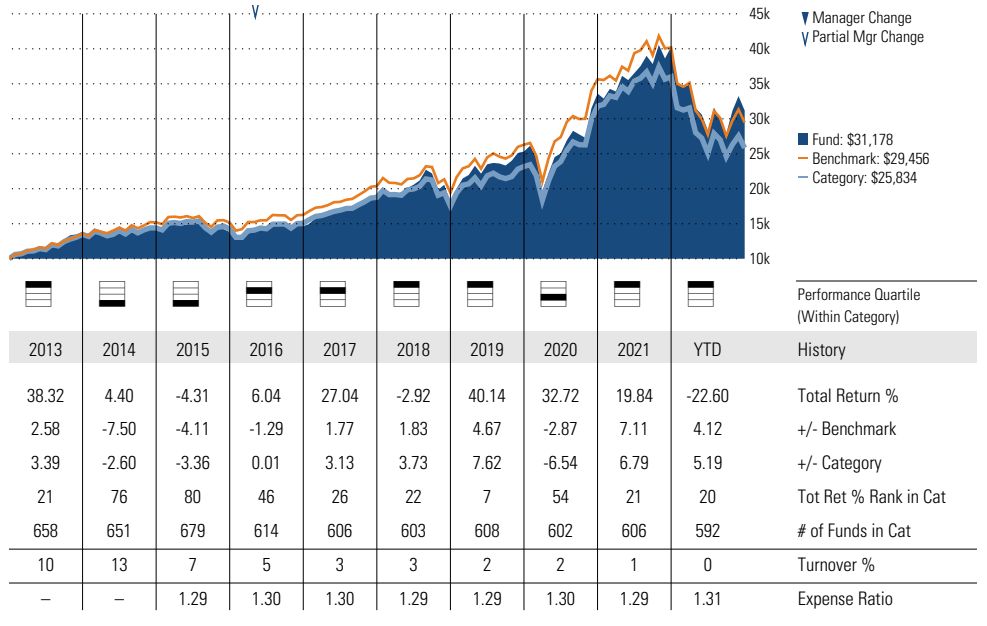
## Morningstar Investment Management LLC Analysis

The fund fails the expense screen, but we believe its long-term return prospects are strong enough to overcome the fee hurdle.

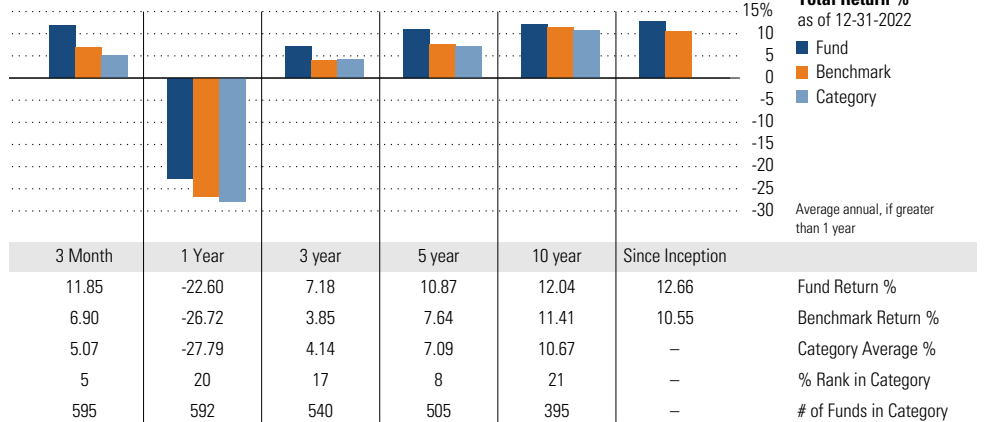
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022

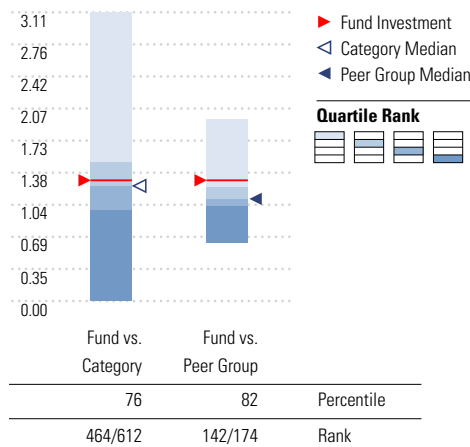
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	3.41	-	0.30
Beta	1.02	-	0.98
R-Squared	93.57	-	91.63
Standard Deviation	26.27	24.87	25.73
Sharpe Ratio	0.36	0.24	0.24
Tracking Error	6.69	-	7.31
Information Ratio	0.50	-	-0.10
Up Capture Ratio	112.40	-	99.65
Down Capture Ratio	103.41	-	99.89

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	29.06	22.87	25.56
Price/Book Ratio	4.12	5.66	4.02
Geom Avg Mkt Cap \$B	13.20	19.63	16.01
ROE	28.18	28.34	19.80

# Baron Growth Retail BGRFX

Morningstar Category

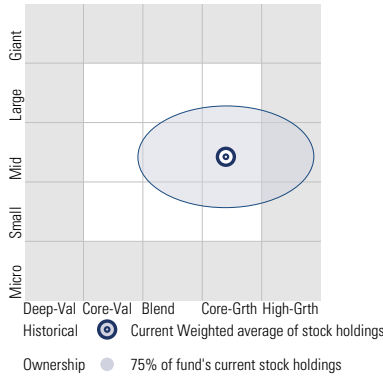
Mid-Cap Growth

Morningstar Index

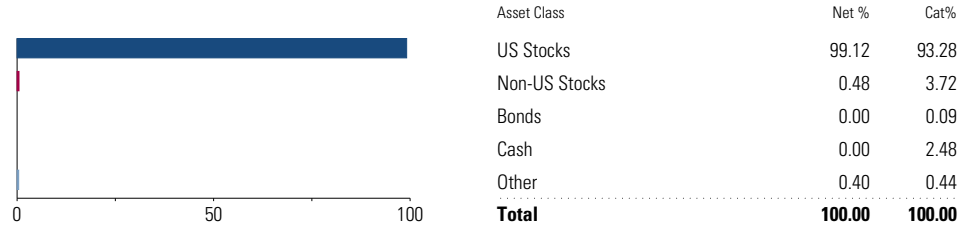
Russell Mid Cap Growth TR USD

## Style Analysis as of 12-31-2022

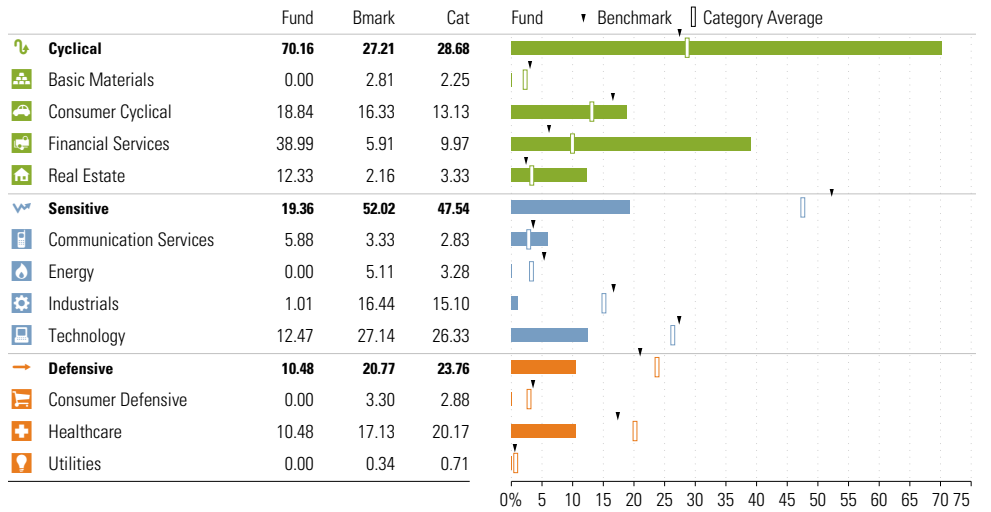
Morningstar Style Box™



## Asset Allocation as of 12-31-2022



## Sector Weighting as of 12-31-2022



## Style Breakdown



## Top 15 Holdings as of 12-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ MSCI Inc	10.34	10.34	-23.33	Financial Services
⊖ Arch Capital Group Ltd	8.25	18.59	41.24	Financial Services
⊖ Gartner Inc	7.40	25.99	0.54	Technology
⊖ FactSet Research Systems Inc	6.95	32.94	-16.73	Financial Services
⊖ Vail Resorts Inc	6.88	39.82	-24.98	Consumer Cyclical
⊖ Iridium Communications Inc	5.85	45.67	24.49	Communication Svc
⊖ CoStar Group Inc	5.82	51.49	-2.21	Real Estate
⊖ Choice Hotels International Inc	4.82	56.31	-27.03	Consumer Cyclical
⊖ Gaming and Leisure Properties Inc	4.05	60.36	12.81	Real Estate
⊖ Kinsale Capital Group Inc	3.77	64.13	10.15	Financial Services
⊖ Bio-Techne Corp	3.54	67.67	-35.67	Healthcare
⊖ Ansys Inc	3.49	71.16	-39.77	Technology
⊖ IDEXX Laboratories Inc	3.18	74.34	-38.04	Healthcare
⊖ Primerica Inc	3.07	77.41	-6.04	Financial Services
⊖ Morningstar Inc	2.91	80.32	-36.25	Financial Services

Total Holdings 44

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# BlackRock Inflation Protected Bond Inv A BPRAX

**Morningstar Category**  
Inflation-Protected Bond

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 5.88 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.6 is 3.45% higher than the Inflation-Protected Bond category average.

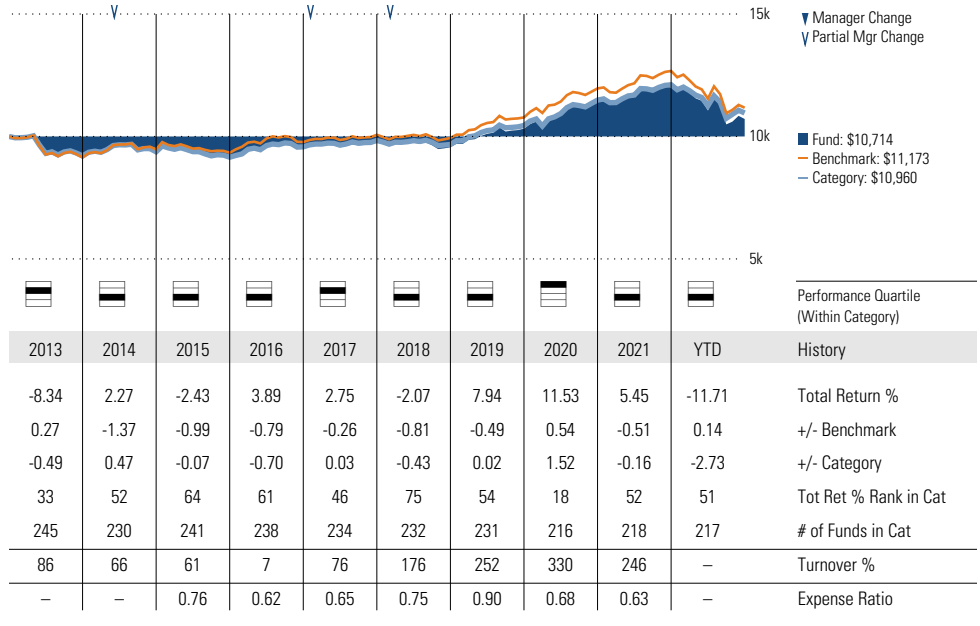
## Morningstar Investment Management LLC Analysis

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

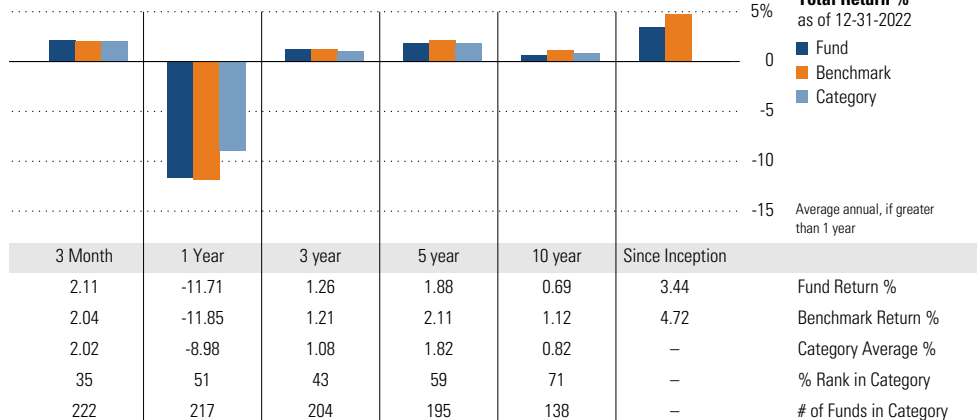
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	09-30-2022

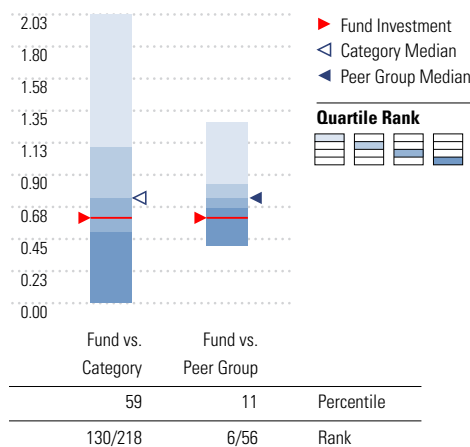
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.03	-	0.15
Beta	1.02	-	0.92
R-Squared	98.91	-	88.43
Standard Deviation	7.22	7.01	6.90
Sharpe Ratio	0.09	0.08	0.11
Tracking Error	0.77	-	2.51
Information Ratio	0.07	-	-0.22
Up Capture Ratio	101.02	-	92.15
Down Capture Ratio	100.56	-	90.88

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	0.03	4.52	5.55
Avg Eff Maturity	6.93	-	6.37

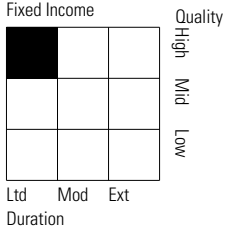
# BlackRock Inflation Protected Bond Inv A BPRAX

**Morningstar Category**  
Inflation-Protected Bond

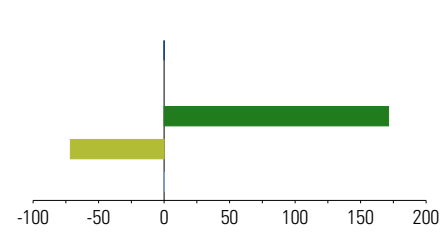
**Morningstar Index**  
Bloomberg US Treasury US TIPS TR USD

## Style Analysis as of 12-31-2022

### Style Breakdown



## Asset Allocation as of 12-31-2022

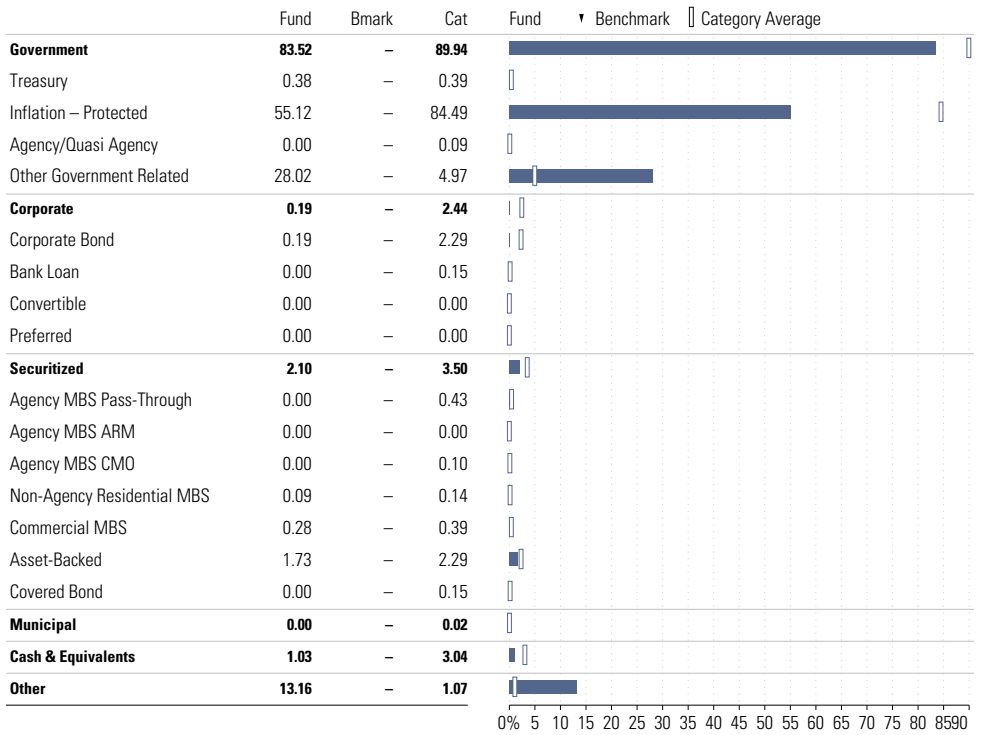


Asset Class	Net %	Cat%
US Stocks	0.11	0.12
Non-US Stocks	0.00	0.00
Bonds	171.34	97.04
Cash	-71.57	2.15
Other	0.14	0.70
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	96.79	0.00	88.32
AA	0.10	99.60	3.60
A	0.14	0.00	1.66
BBB	0.71	0.00	2.25
BB	0.05	0.00	0.50
B	0.09	0.00	0.15
Below B	0.00	0.00	0.14
Not Rated	2.12	0.40	3.38

## Sector Weighting as of 12-31-2022



## Top 0 Holdings as of 12-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
------	---------------	-------------	--------------	---------------------

**Total Holdings 0**

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# BNY Mellon International Stock Index Inv DIISX

**Morningstar Category**  
Foreign Large Blend

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✗ **Management:** The fund's management 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 0.6 is 32.58% lower than the Foreign Large Blend category average.

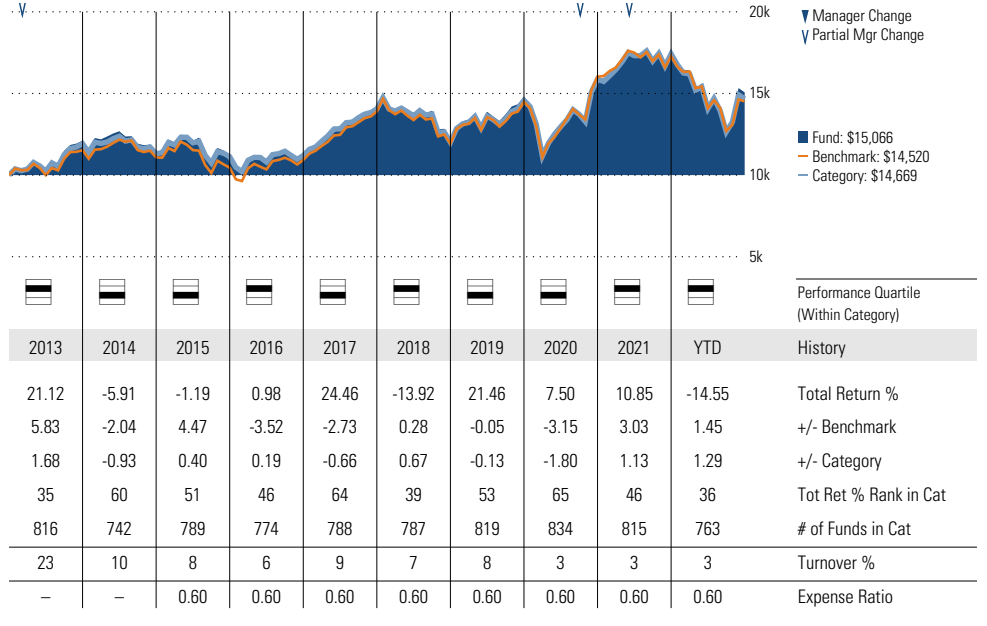
## Morningstar Investment Management LLC Analysis

This fund fails the manager tenure screen, but as an index fund this is less of a concern.

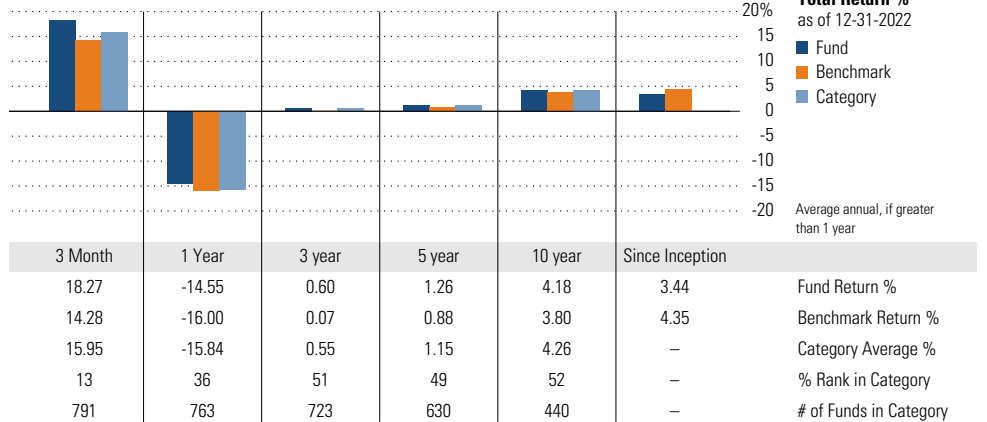
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022

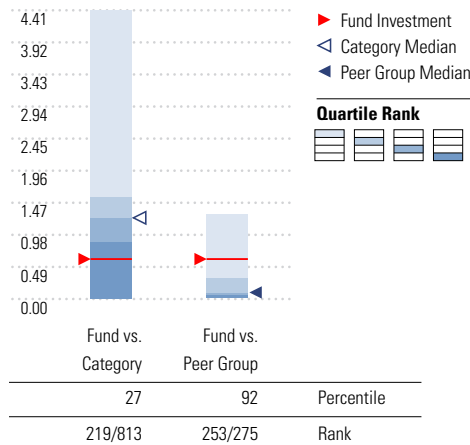
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.67	-	0.80
Beta	1.04	-	1.03
R-Squared	95.65	-	94.10
Standard Deviation	20.70	19.53	20.67
Sharpe Ratio	0.09	0.06	0.09
Tracking Error	4.38	-	5.04
Information Ratio	0.12	-	0.14
Up Capture Ratio	107.78	-	106.74
Down Capture Ratio	105.44	-	104.08

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	12.65	11.94	12.68
Price/Book Ratio	1.56	1.58	1.72
Geom Avg Mkt Cap \$B	43.42	39.70	47.23
ROE	19.17	18.39	20.83

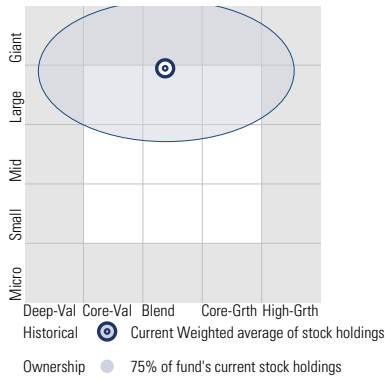
# BNY Mellon International Stock Index Inv DIISX

**Morningstar Category**  
Foreign Large Blend

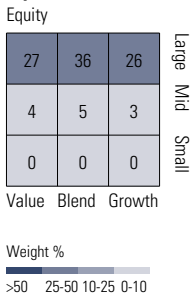
**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Style Analysis as of 12-31-2022

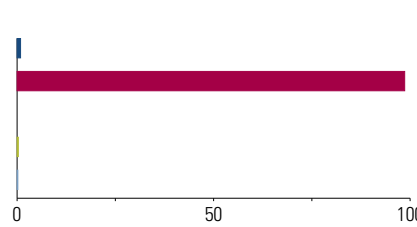
Morningstar Style Box™



## Style Breakdown

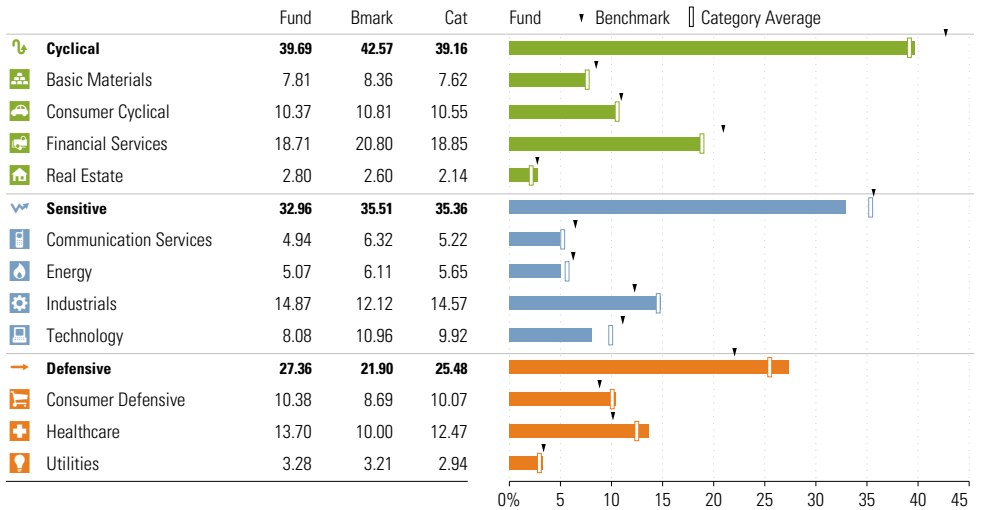


## Asset Allocation as of 12-31-2022



Asset Class	Net %	Cat%
US Stocks	0.88	2.74
Non-US Stocks	98.62	94.64
Bonds	0.00	0.21
Cash	0.31	1.20
Other	0.19	1.19
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2022



## World Regions % Equity 12-31-2022



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	34.75	35.26	Americas	0.98	8.84	Greater Europe	64.26	55.90	Developed Markets	99.81
Japan	22.00	18.06	North America	0.88	7.61	United Kingdom	14.85	13.78	Emerging Markets	0.19
Australasia	8.13	5.40	Central/Latin	0.10	1.23	W euro-ex UK	48.73	40.87	Not Available	0.00
Asia-4 Tigers	4.53	6.66				Emrgng Europe	0.00	0.06		
Asia-ex 4 Tigers	0.09	5.14				Africa	0.68	1.19		
Not Classified	0.00	0.00								

## Top 0 Holdings as of 12-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
<b>Total Holdings 0</b>				

⊕ 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 35.06% lower than the Large Blend category average.

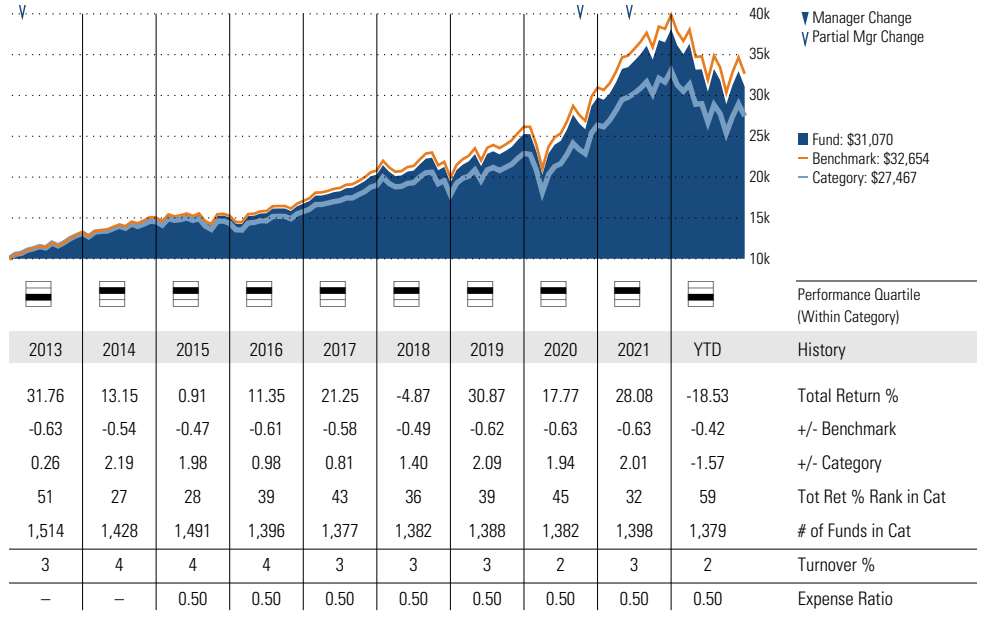
## Morningstar Investment Management LLC Analysis

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

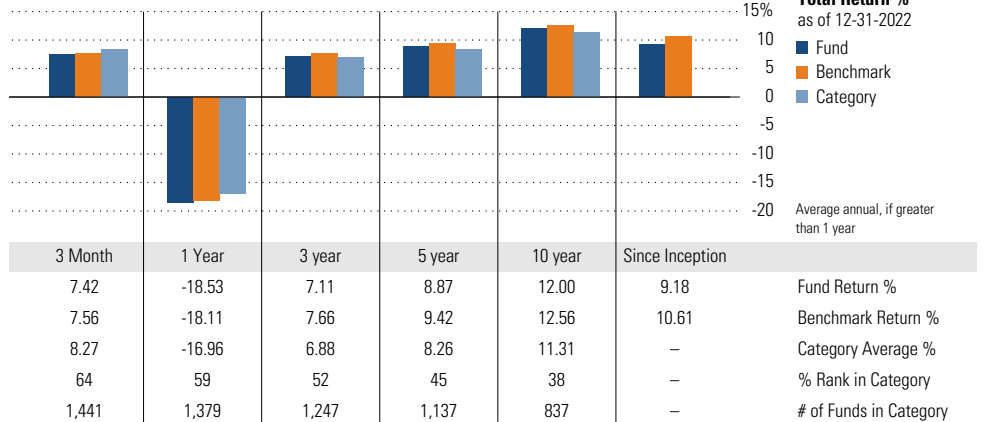
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022

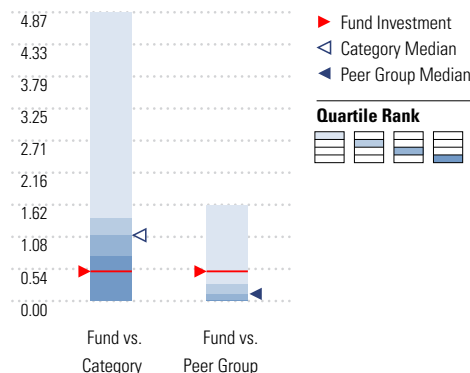
## Growth of \$10,000



## 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.

Metric	Value	Percentile	Rank
Fund vs. Category	32	472/1492	
Fund vs. Peer Group	88	460/523	

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.52	-	-0.68
Beta	1.00	-	0.96
R-Squared	100.00	-	95.98
Standard Deviation	21.17	21.16	20.73
Sharpe Ratio	0.39	0.41	0.36
Tracking Error	0.04	-	3.95
Information Ratio	-14.75	-	-0.83
Up Capture Ratio	99.20	-	94.55
Down Capture Ratio	100.89	-	96.96

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.04	19.03	18.29
Price/Book Ratio	3.59	3.59	4.14
Geom Avg Mkt Cap \$B	161.22	161.22	211.02
ROE	31.16	31.17	36.63

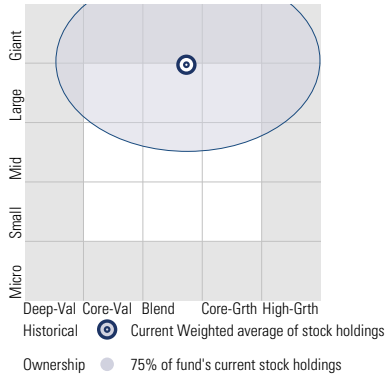
# BNY Mellon S&P 500 Index PEOPX

**Morningstar Category**  
Large Blend

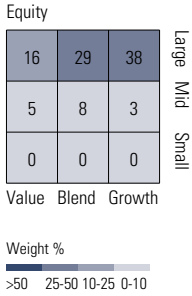
**Morningstar Index**  
S&P 500 TR USD

## Style Analysis as of 12-31-2022

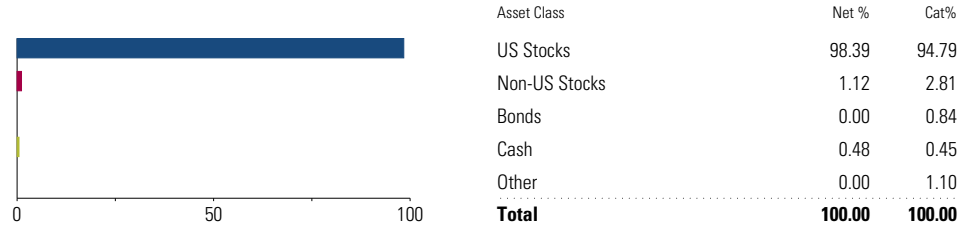
Morningstar Style Box™



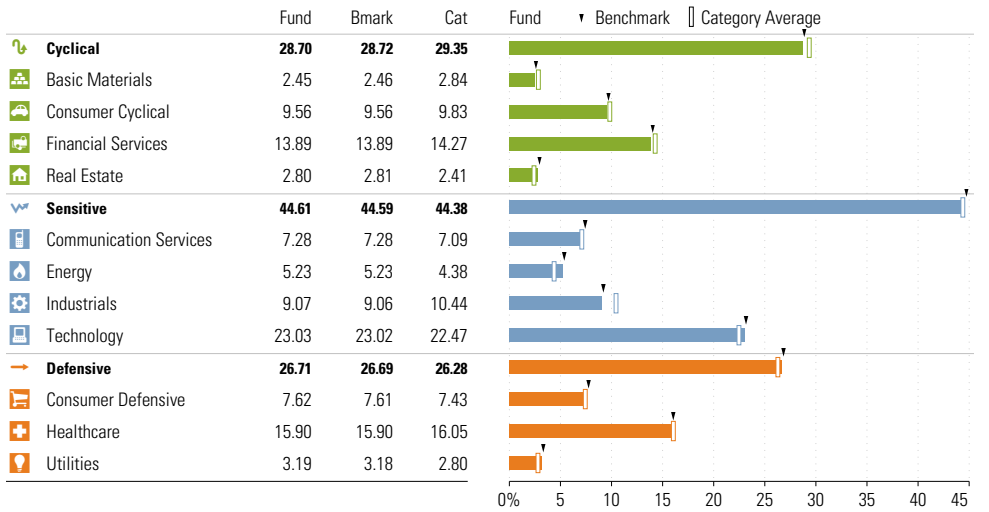
## Style Breakdown



## Asset Allocation as of 12-31-2022



## Sector Weighting as of 12-31-2022



## Top 0 Holdings as of 12-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
------	-------------	--------------	--------------	--------------------

**Total Holdings 0**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Delaware Small Cap Value A DEVLX

**Morningstar Category**  
Small Value

**Morningstar Index**  
Russell 2000 Value TR USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 10.51 years.

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

✔ **Net Expense:** The fund's expense ratio of 1.11 is 2.63% lower than the Small Value category average.

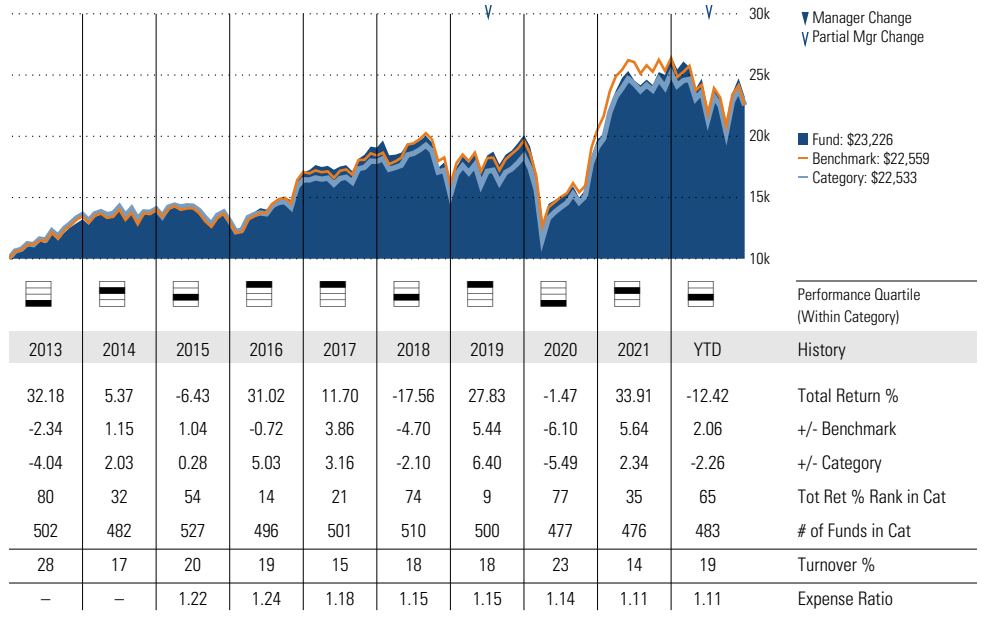
## Morningstar Investment Management LLC Analysis

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.

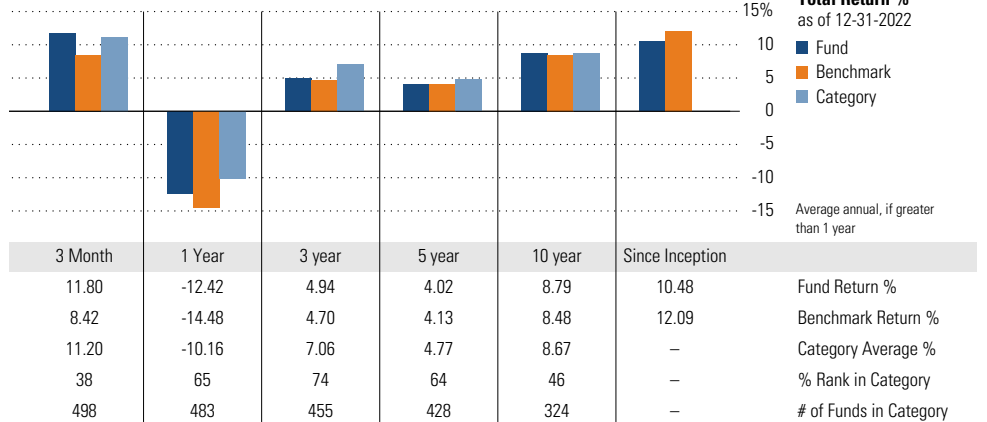
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
Carbon Risk Score	Medium Risk	12-31-2022

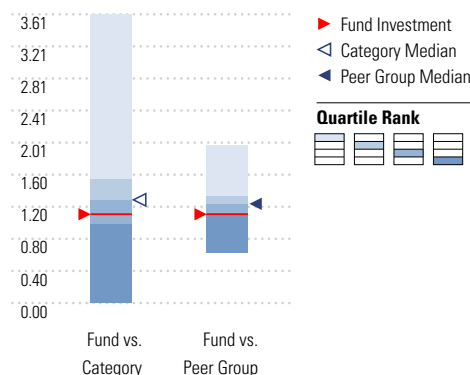
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.41	-	2.07
Beta	0.99	-	0.99
R-Squared	95.85	-	95.05
Standard Deviation	27.95	27.66	28.15
Sharpe Ratio	0.28	0.27	0.34
Tracking Error	5.70	-	6.45
Information Ratio	0.04	-	0.30
Up Capture Ratio	99.05	-	101.40
Down Capture Ratio	98.36	-	96.46

## Portfolio Metrics

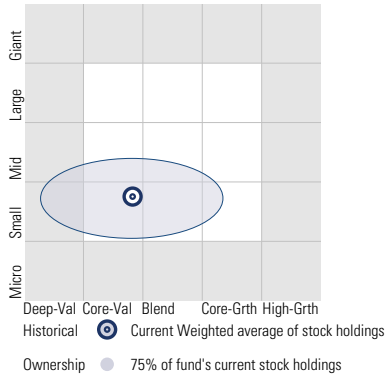
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	10.91	9.22	11.62
Price/Book Ratio	1.63	1.27	1.60
Geom Avg Mkt Cap \$B	4.23	1.83	3.75
ROE	16.83	7.83	16.18

# Delaware Small Cap Value A DEVLX

**Morningstar Category**  
Small Value

**Morningstar Index**  
Russell 2000 Value TR USD

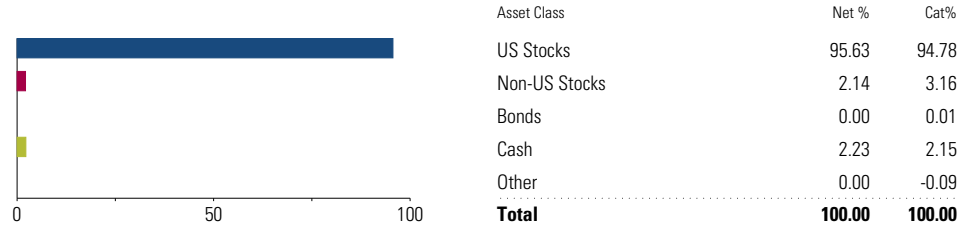
**Style Analysis** as of 12-31-2022  
Morningstar Style Box™



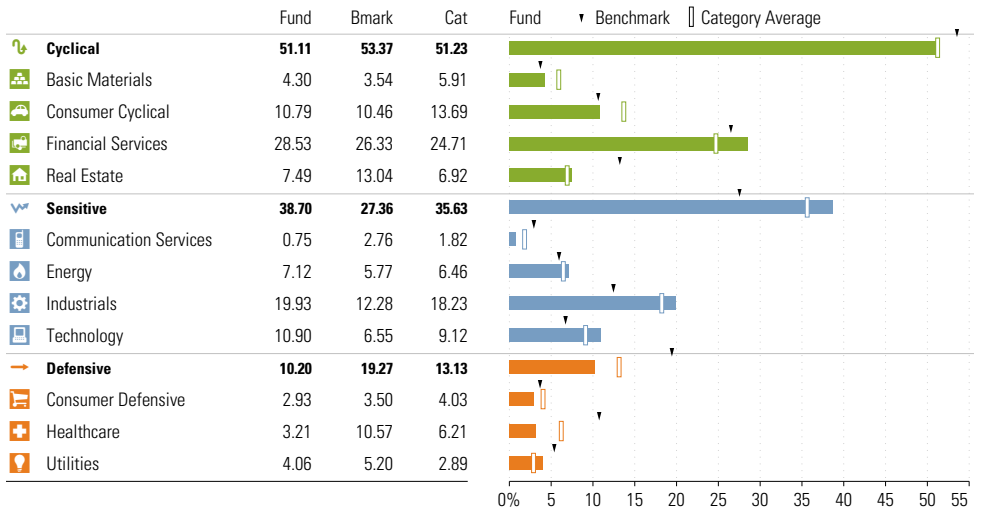
**Style Breakdown**



**Asset Allocation** as of 12-31-2022



**Sector Weighting** as of 12-31-2022



**Top 0 Holdings** as of 12-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
------	-------------	--------------	--------------	--------------------

**Total Holdings** 0

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# DWS Enhanced Commodity Strategy S SKSRX

**Morningstar Category**  
Commodities Broad Basket

**Morningstar Index**  
Bloomberg Commodity TR USD

## Portfolio Manager(s)

Darwei Kung since 04-2010  
Jeff Morton since 07-2022

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 12.76 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 1.02 is 2.86% lower than the Commodities Broad Basket category average.

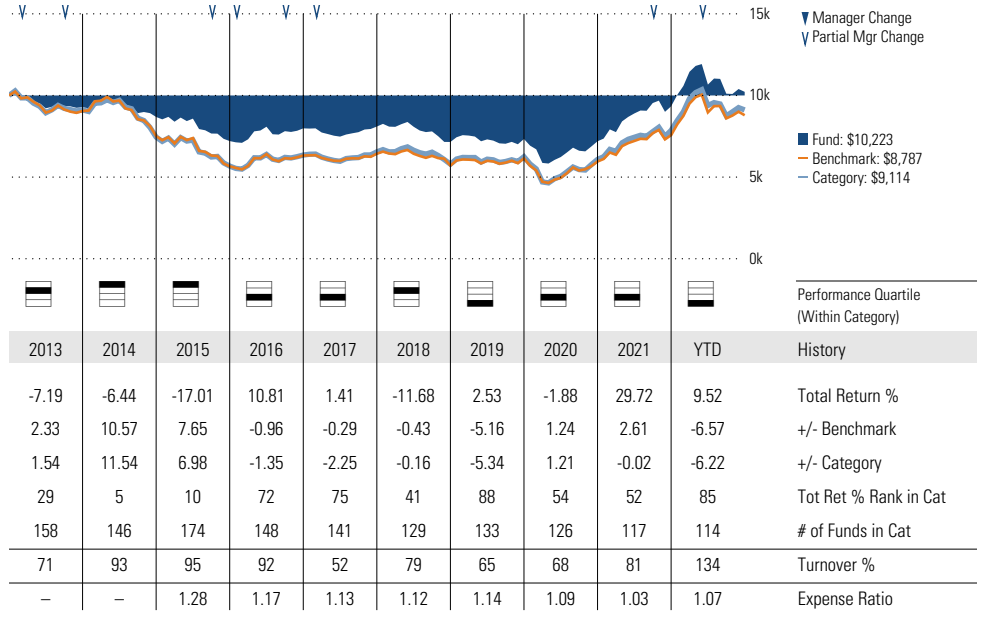
## Morningstar Investment Management LLC Analysis

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

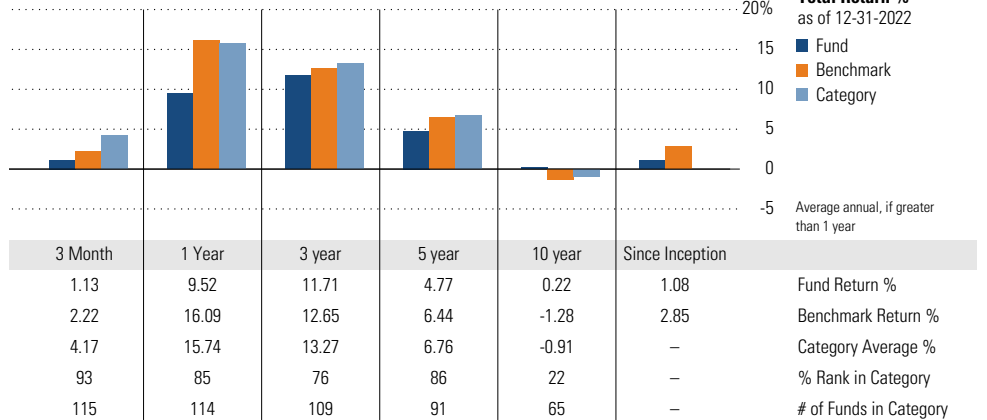
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023

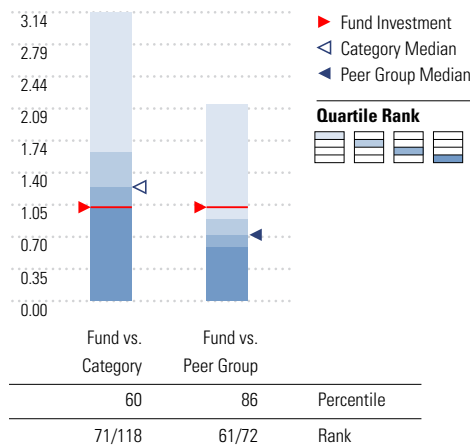
## Growth of \$10,000



## 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	-0.01	-	0.33
Beta	0.92	-	1.03
R-Squared	96.92	-	85.73
Standard Deviation	17.49	18.64	21.05
Sharpe Ratio	0.67	0.69	0.67
Tracking Error	3.38	-	7.78
Information Ratio	-0.28	-	0.09
Up Capture Ratio	90.19	-	102.74
Down Capture Ratio	89.20	-	103.18

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	-	-	7.93
Price/Book Ratio	-	-	1.87
Geom Avg Mkt Cap \$B	0.87	-	44.07
ROE	-	-	27.17

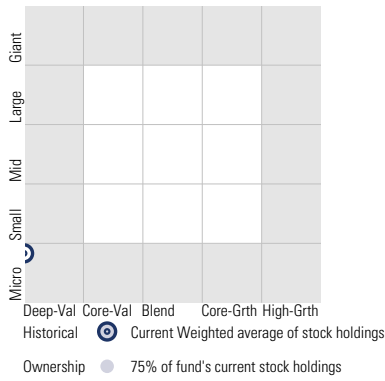
# DWS Enhanced Commodity Strategy S SKSRX

**Morningstar Category**  
Commodities Broad Basket

**Morningstar Index**  
Bloomberg Commodity TR USD

## Style Analysis as of 12-31-2022

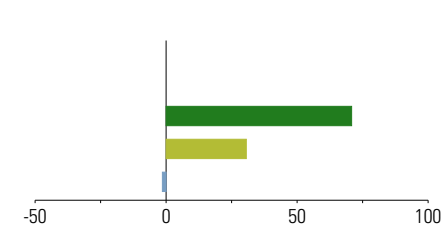
Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 12-31-2022



Asset Class	Net %	Cat%
US Stocks	0.00	0.15
Non-US Stocks	0.00	0.92
Bonds	70.81	33.75
Cash	30.61	47.21
Other	-1.42	17.97
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2022

	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 0 Holdings as of 12-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
------	-------------	--------------	--------------	--------------------

**Total Holdings 0**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Eaton Vance Income Fund of Boston A EVIBX

**Morningstar Category**  
High Yield Bond

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 8.16 years.

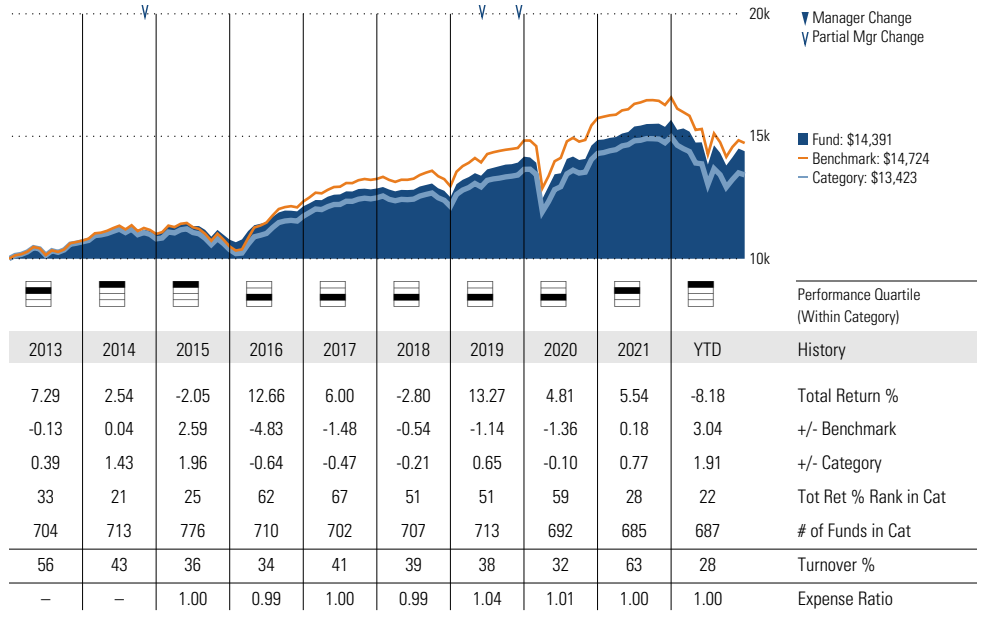
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 1 is 12.36% higher than the High Yield Bond category average.

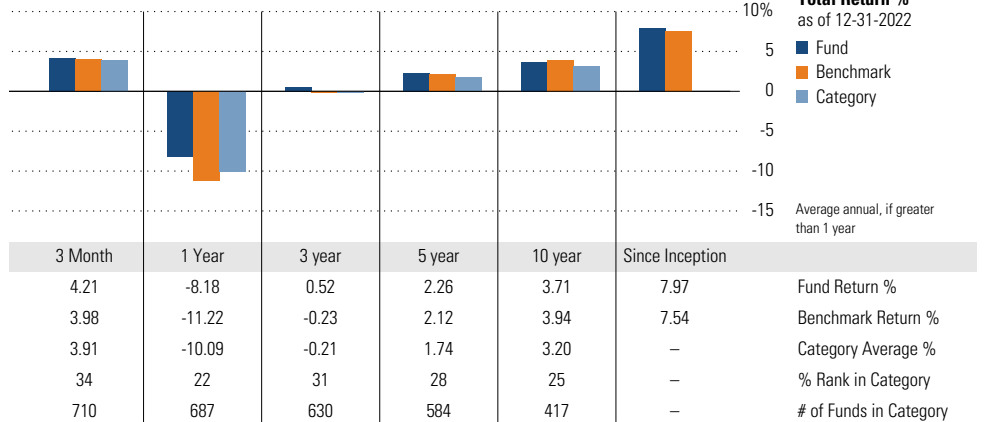
## Morningstar Investment Management LLC Analysis

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.

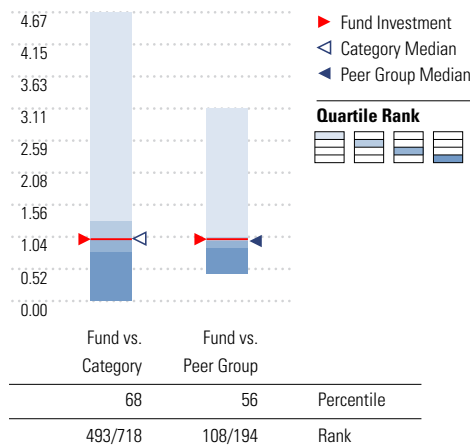
## Growth of \$10,000



## 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	0.68	-	-0.09
Beta	0.91	-	0.94
R-Squared	98.87	-	94.99
Standard Deviation	10.28	11.25	10.89
Sharpe Ratio	0.02	-0.04	-0.04
Tracking Error	1.50	-	2.51
Information Ratio	0.50	-	-0.11
Up Capture Ratio	91.49	-	92.06
Down Capture Ratio	86.12	-	93.01

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	4.16	-	3.39
Avg Eff Maturity	5.48	-	4.98

# Eaton Vance Income Fund of Boston A EVIBX

**Morningstar Category**  
High Yield Bond

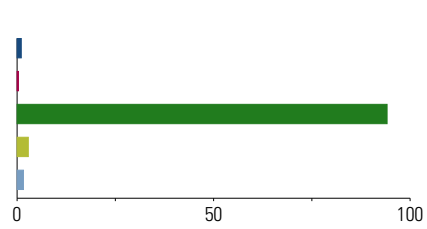
**Morningstar Index**  
ICE BofA US High Yield TR USD

## Style Analysis as of 12-31-2022

### Style Breakdown



## Asset Allocation as of 12-31-2022



Asset Class	Net %	Cat%
US Stocks	1.06	0.73
Non-US Stocks	0.34	0.01
Bonds	94.14	93.67
Cash	2.85	1.76
Other	1.61	3.83
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	0.00	-	2.58
AA	0.00	-	0.16
A	0.00	-	0.28
BBB	5.76	-	5.54
BB	43.04	-	38.26
B	37.37	-	37.21
Below B	10.65	-	12.21
Not Rated	3.19	-	3.75

## Sector Weighting as of 12-31-2022

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Government</b>	<b>0.00</b>	-	<b>2.13</b>			
Treasury	0.00	-	0.74			
Inflation – Protected	0.00	-	0.00			
Agency/Quasi Agency	0.00	-	0.10			
Other Government Related	0.00	-	1.29			
<b>Corporate</b>	<b>97.09</b>	-	<b>90.06</b>			
Corporate Bond	92.27	-	83.01			
Bank Loan	3.68	-	6.41			
Convertible	0.32	-	0.52			
Preferred	0.82	-	0.12			
<b>Securitized</b>	<b>0.00</b>	-	<b>1.25</b>			
Agency MBS Pass-Through	0.00	-	0.03			
Agency MBS ARM	0.00	-	0.00			
Agency MBS CMO	0.00	-	0.04			
Non-Agency Residential MBS	0.00	-	0.05			
Commercial MBS	0.00	-	0.09			
Asset-Backed	0.00	-	1.04			
Covered Bond	0.00	-	0.00			
<b>Municipal</b>	<b>0.00</b>	-	<b>0.03</b>			
<b>Cash &amp; Equivalents</b>	<b>2.91</b>	-	<b>4.79</b>			
<b>Other</b>	<b>0.00</b>	-	<b>1.73</b>			

## Top 0 Holdings as of 12-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
<b>Total Holdings 0</b>				

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Fidelity® Contrafund® FCNTX

**Morningstar Category**  
Large Growth

**Morningstar Index**  
Russell 1000 Growth TR USD

## Portfolio Manager(s)

William Danoff since 09-1990

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 32.31 years.

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

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

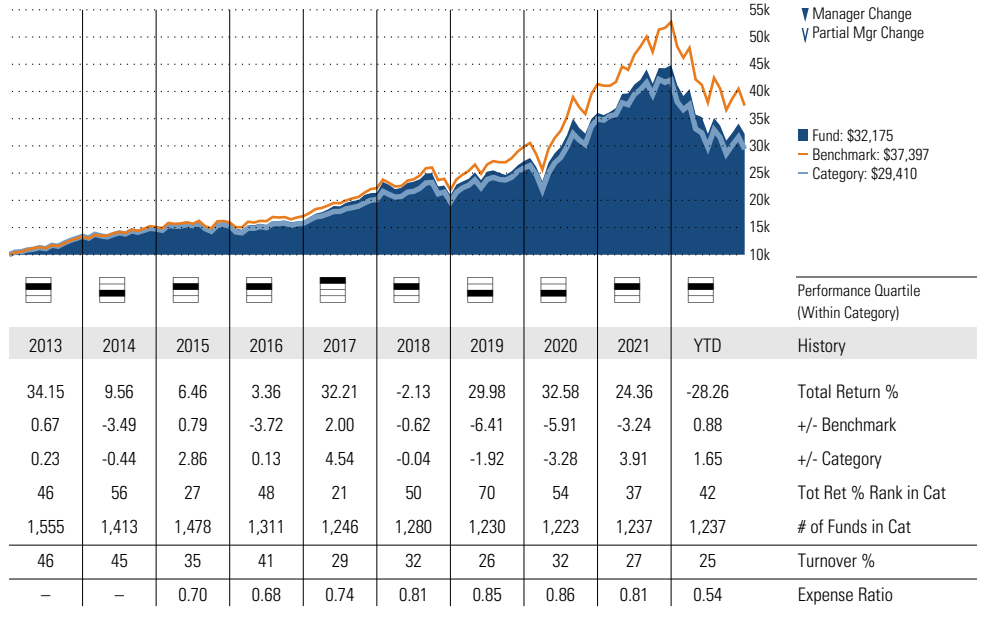
## Morningstar Investment Management LLC Analysis

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.

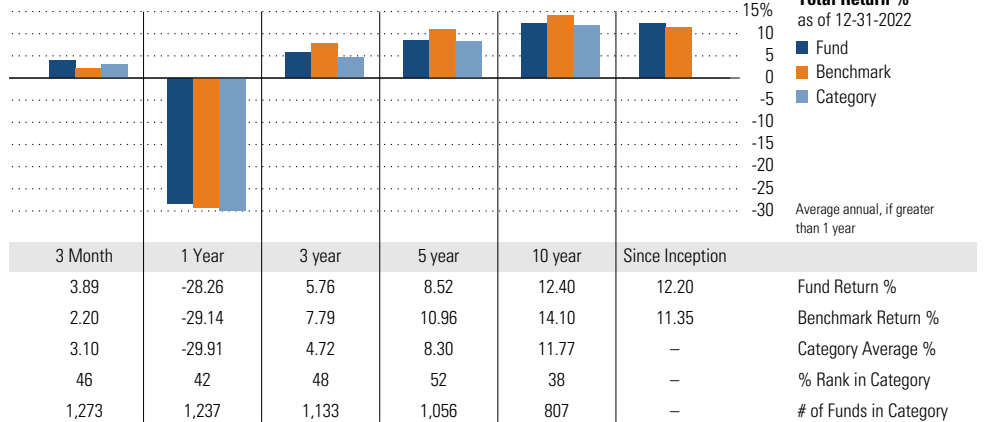
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

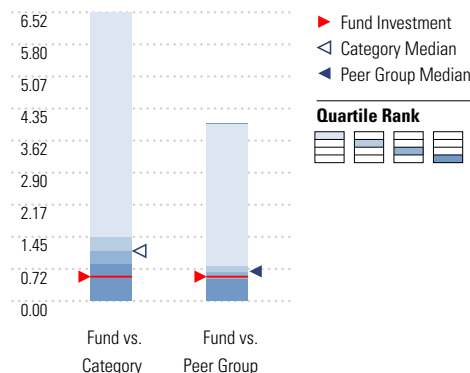
## Growth of \$10,000



## 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	-1.41	-	-2.73
Beta	0.91	-	0.97
R-Squared	97.91	-	93.03
Standard Deviation	21.91	23.80	24.00
Sharpe Ratio	0.32	0.39	0.27
Tracking Error	3.81	-	6.26
Information Ratio	-0.53	-	-0.62
Up Capture Ratio	87.85	-	89.56
Down Capture Ratio	91.63	-	97.48

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.15	24.23	23.83
Price/Book Ratio	3.44	8.23	6.53
Geom Avg Mkt Cap \$B	236.39	222.04	263.75
ROE	28.69	41.41	37.70

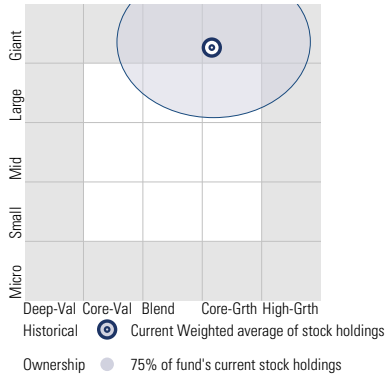
# Fidelity® Contrafund® FCNTX

**Morningstar Category**  
Large Growth

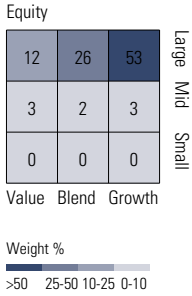
**Morningstar Index**  
Russell 1000 Growth TR USD

## Style Analysis as of 12-31-2022

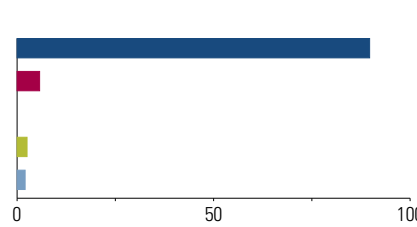
Morningstar Style Box™



## Style Breakdown

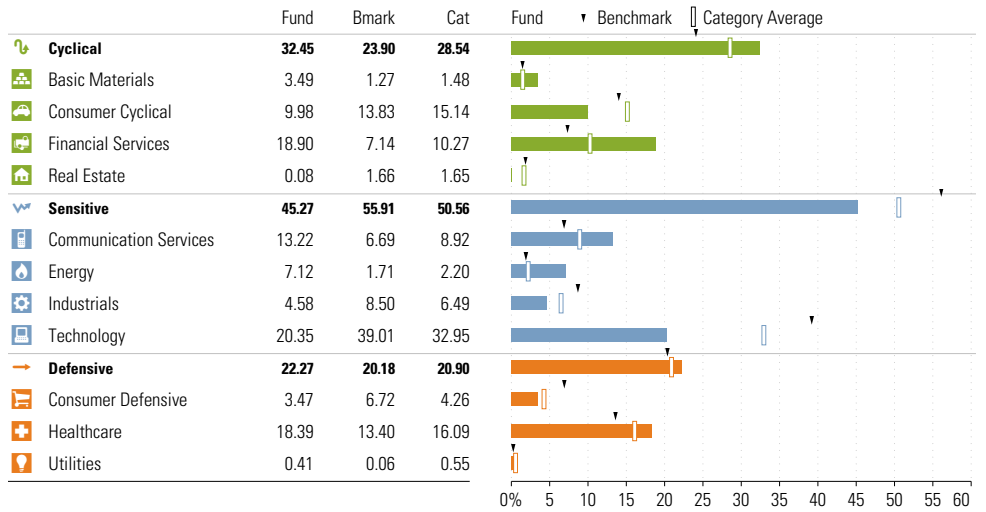


## Asset Allocation as of 12-31-2022



Asset Class	Net %	Cat%
US Stocks	89.70	93.06
Non-US Stocks	5.73	4.43
Bonds	0.00	0.02
Cash	2.53	1.70
Other	2.04	0.80
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2022



## Top 0 Holdings as of 12-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
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**Total Holdings 0**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# JPMorgan US Equity I JUESX

**Morningstar Category**  
Large Blend

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

## Portfolio Manager(s)

Scott Davis since 08-2014  
David Small since 07-2016  
Shilpee Raina since 11-2021

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 8.38 years.

✔ **Style:** The fund has landed in its primary style box — Large Blend — 66.67 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.69 is 10.39% lower than the Large Blend category average.

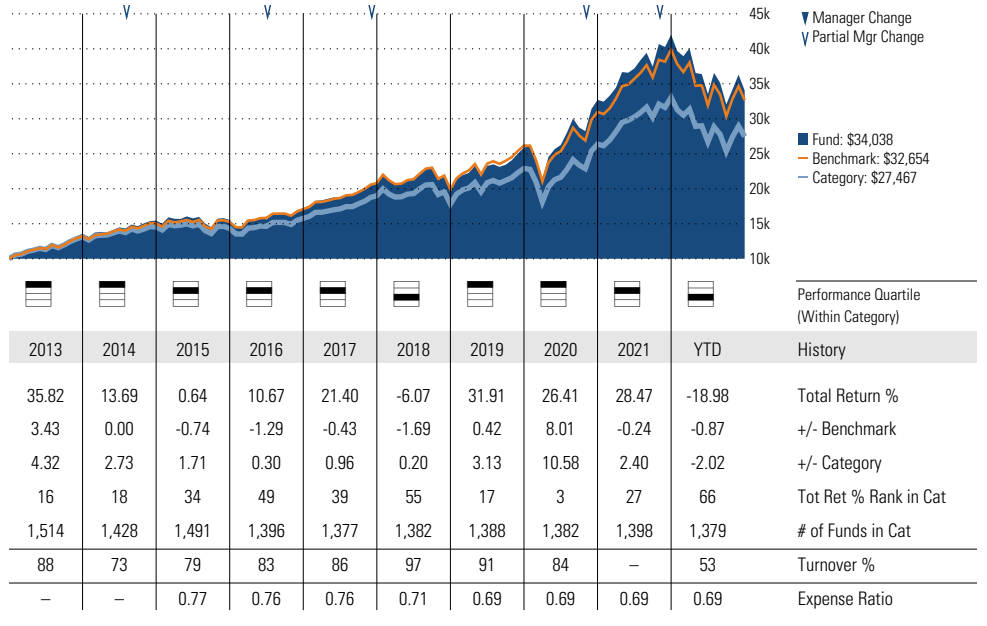
## Morningstar Investment Management LLC Analysis

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

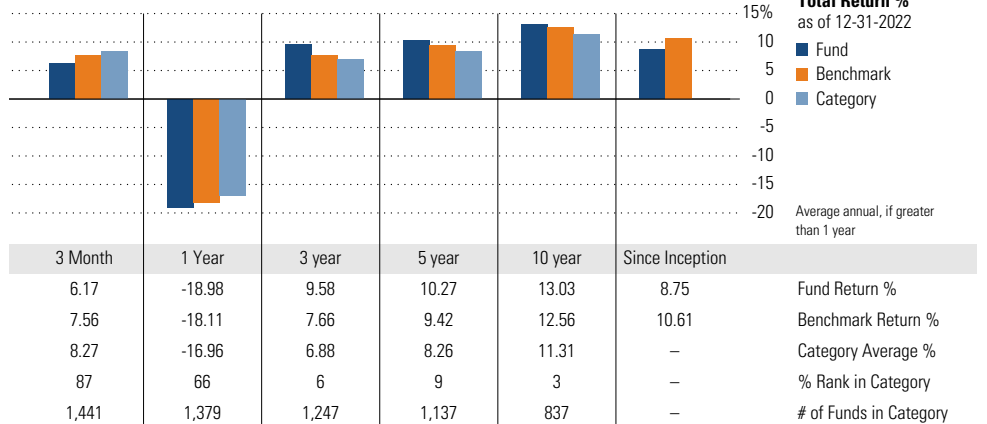
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	03-11-2022

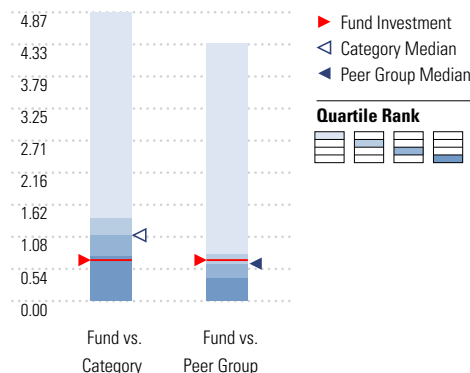
## Growth of \$10,000



## 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	1.79	-	-0.68
Beta	1.00	-	0.96
R-Squared	98.51	-	95.98
Standard Deviation	21.36	21.16	20.73
Sharpe Ratio	0.49	0.41	0.36
Tracking Error	2.61	-	3.95
Information Ratio	0.73	-	-0.83
Up Capture Ratio	101.14	-	94.55
Down Capture Ratio	94.98	-	96.96

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.75	19.03	18.29
Price/Book Ratio	4.23	3.59	4.14
Geom Avg Mkt Cap \$B	173.90	161.22	211.02
ROE	29.40	31.17	36.63

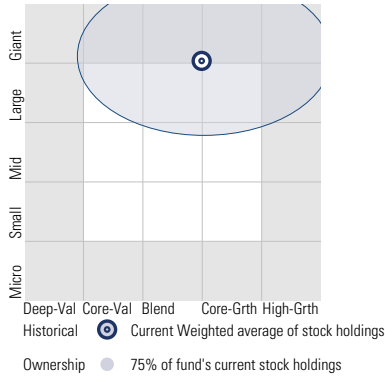
# JPMorgan US Equity I JUESX

**Morningstar Category**  
Large Blend

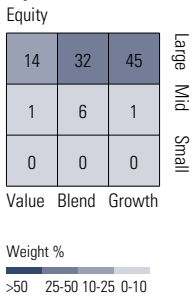
**Morningstar Index**  
S&P 500 TR USD

## Style Analysis as of 12-31-2022

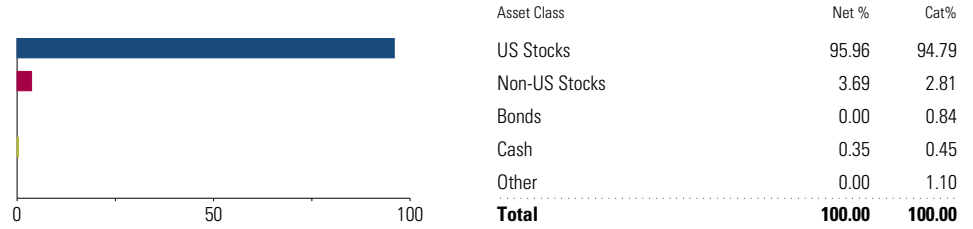
Morningstar Style Box™



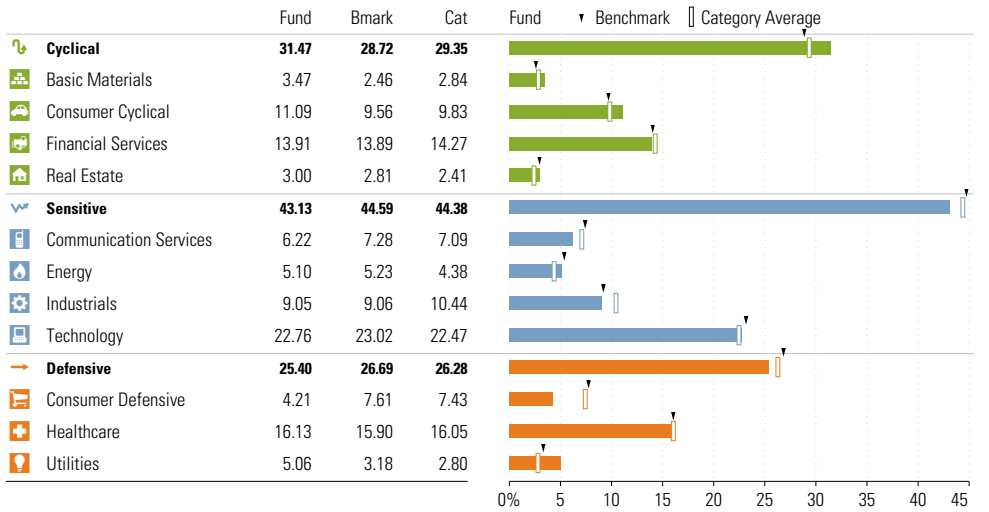
## Style Breakdown



## Asset Allocation as of 12-31-2022



## Sector Weighting as of 12-31-2022



## Top 0 Holdings as of 12-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
------	-------------	--------------	--------------	--------------------

**Total Holdings 0**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Metropolitan West Total Return Bd M MWTRX

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

## Portfolio Manager(s)

Laird Landmann since 03-1997  
 Stephen Kane since 03-1997  
 Bryan Whalen since 12-2004

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 25.77 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.65 is 12.16% lower than the Intermediate Core-Plus Bond category average.

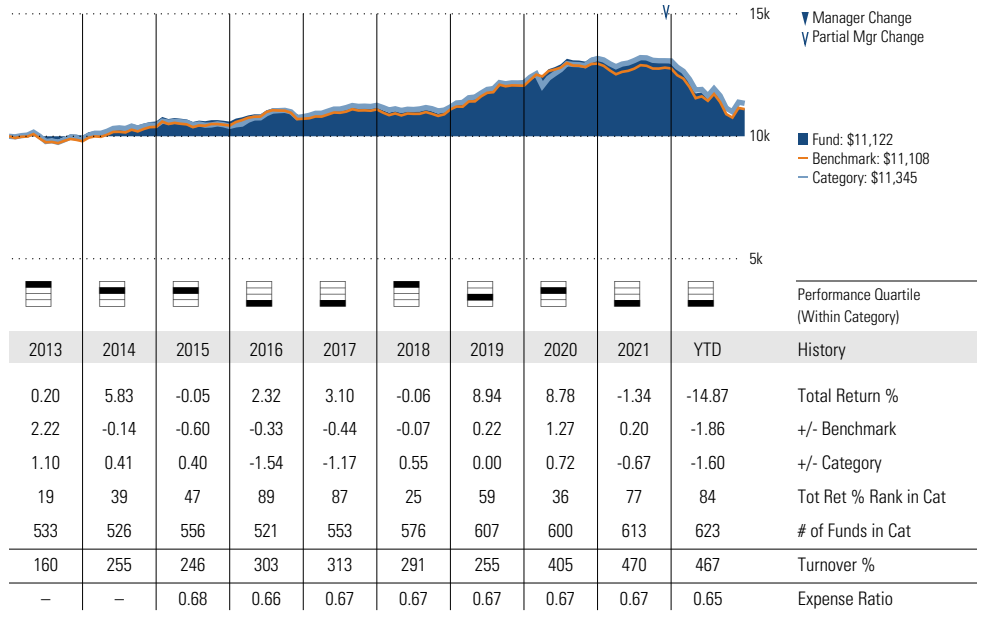
## Morningstar Investment Management LLC Analysis

This fund fails our performance screen with several years of bottom-quartile performance. This fund is often out-of-step with others in the category, which has paid off over the long term but can drag the fund down relative to peers at times.

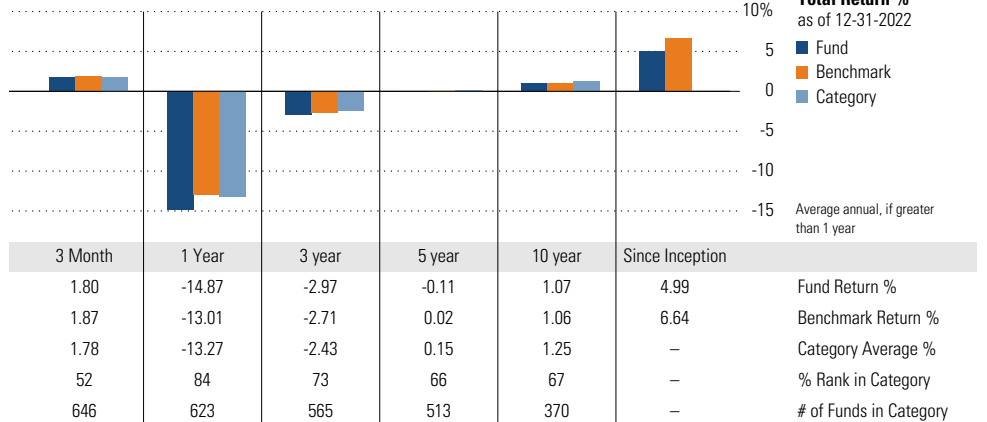
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023

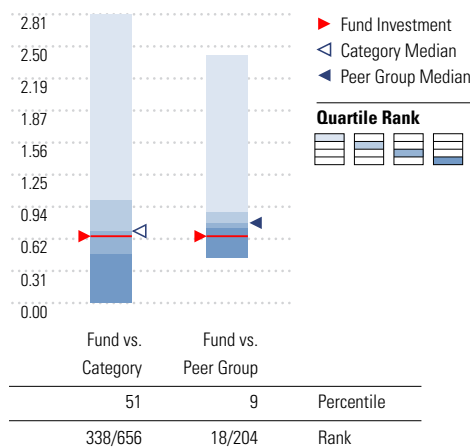
## Growth of \$10,000



## 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	0.06	-	0.42
Beta	1.11	-	1.04
R-Squared	98.21	-	80.21
Standard Deviation	6.54	5.85	6.92
Sharpe Ratio	-0.56	-0.58	-0.46
Tracking Error	1.07	-	3.09
Information Ratio	-0.24	-	0.09
Up Capture Ratio	109.99	-	116.52
Down Capture Ratio	109.72	-	108.79

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	6.82	4.43	6.10
Avg Eff Maturity	8.36	-	8.51

# Metropolitan West Total Return Bd M MWTRX

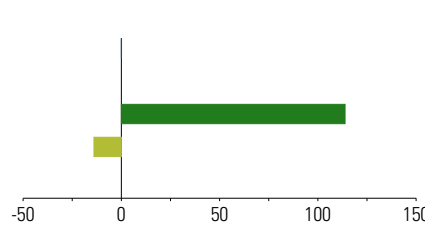
**Morningstar Category** Intermediate Core-Plus Bond  
**Morningstar Index** Bloomberg US Agg Bond TR USD

## Style Analysis as of 12-31-2022

### Style Breakdown



## Asset Allocation as of 12-31-2022



Asset Class	Net %	Cat%
US Stocks	0.09	0.02
Non-US Stocks	0.00	0.00
Bonds	113.84	103.83
Cash	-13.94	-1.93
Other	0.00	-1.94
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	54.17	3.53	49.80
AA	6.06	74.59	5.85
A	13.33	10.82	11.84
BBB	17.33	8.32	19.67
BB	3.43	0.28	5.52
B	1.62	0.00	2.31
Below B	3.97	0.00	1.04
Not Rated	0.09	2.46	3.97

## Sector Weighting as of 12-31-2022

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Government</b>	<b>29.41</b>	-	<b>26.73</b>			
Treasury	26.62	-	18.70			
Inflation - Protected	0.19	-	0.30			
Agency/Quasi Agency	2.30	-	0.64			
Other Government Related	0.30	-	7.09			
<b>Corporate</b>	<b>32.42</b>	-	<b>29.49</b>			
Corporate Bond	30.44	-	28.87			
Bank Loan	1.98	-	0.25			
Convertible	0.00	-	0.06			
Preferred	0.00	-	0.31			
<b>Securitized</b>	<b>32.36</b>	-	<b>31.61</b>			
Agency MBS Pass-Through	16.98	-	15.89			
Agency MBS ARM	0.00	-	0.07			
Agency MBS CMO	0.98	-	1.10			
Non-Agency Residential MBS	4.65	-	0.30			
Commercial MBS	0.03	-	1.82			
Asset-Backed	9.72	-	12.43			
Covered Bond	0.00	-	0.00			
<b>Municipal</b>	<b>0.64</b>	-	<b>0.90</b>			
<b>Cash &amp; Equivalents</b>	<b>3.38</b>	-	<b>4.54</b>			
<b>Other</b>	<b>1.80</b>	-	<b>6.74</b>			

## Top 0 Holdings as of 12-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
------	---------------	-------------	--------------	---------------------

**Total Holdings 0**

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# MFS Conservative Allocation R3 MACNX

**Morningstar Category**  
Allocation--30% to 50%  
Equity

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 20.52 years.

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

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

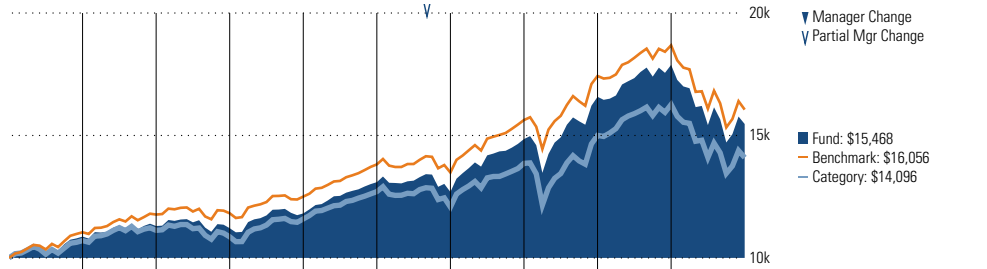
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

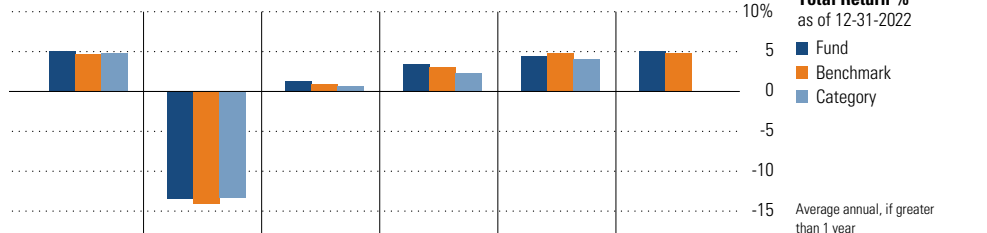
Metric	Rating	Updated
Sustainability Rating	3	01-31-2023

## Growth of \$10,000



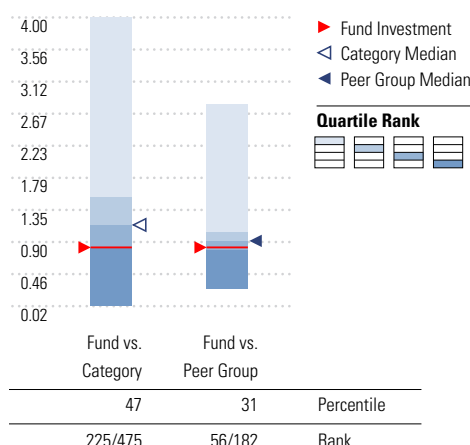
	2013	2014	2015	2016	2017	2018	2019	2020	2021	YTD	Performance Quartile (Within Category)
	8.71	3.96	-0.79	5.39	10.80	-3.06	17.02	11.62	7.86	-13.50	History
	-1.76	-2.59	-1.24	-0.38	0.29	-0.65	1.13	0.11	0.67	0.56	Total Return %
	1.48	-0.06	1.53	-1.23	0.94	1.98	2.21	2.76	-0.38	-0.19	+/- Benchmark
	37	51	29	67	33	15	18	25	51	49	+/- Category
	533	510	559	524	505	518	501	468	472	467	Tot Ret % Rank in Cat
	5	5	9	5	3	6	4	12	6	9	# of Funds in Cat
	-	-	-	-	-	-	-	-	-	-	Turnover %
	-	-	-	-	-	-	-	-	-	-	Expense Ratio

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	
	5.12	-13.50	1.36	3.39	4.46	5.12	Fund Return %
	4.74	-14.06	0.90	3.05	4.85	4.78	Benchmark Return %
	4.81	-13.31	0.68	2.33	4.09	-	Category Average %
	40	49	30	14	29	-	% Rank in Category
	472	467	433	406	300	-	# of Funds in Category

## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.45	-	-0.07
Beta	1.05	-	1.04
R-Squared	98.19	-	92.82
Standard Deviation	10.85	10.23	11.05
Sharpe Ratio	0.10	0.05	0.05
Tracking Error	1.55	-	3.07
Information Ratio	0.30	-	-0.03
Up Capture Ratio	107.59	-	103.16
Down Capture Ratio	104.61	-	104.12

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.60	15.71	16.64
Price/Book Ratio	2.78	2.46	2.75
Avg Eff Duration	5.15	6.45	5.22

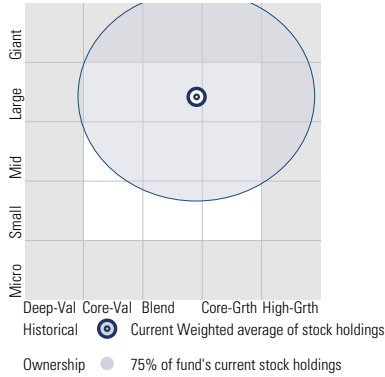
# MFS Conservative Allocation R3 MACNX

**Morningstar Category**  
Allocation--30% to 50%  
Equity

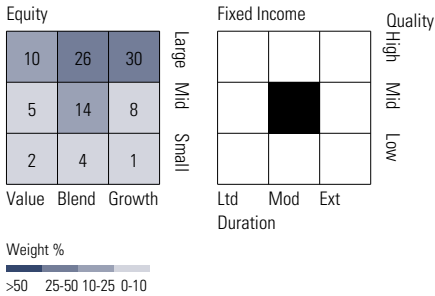
**Morningstar Index**  
Morningstar US Mod Con Tgt Alloc NR  
USD

## Style Analysis as of 12-31-2022

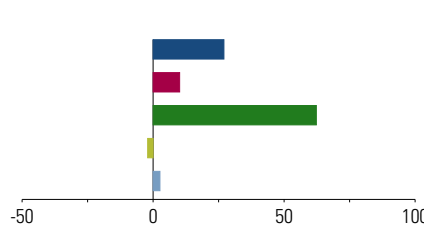
Morningstar Style Box™



## Style Breakdown

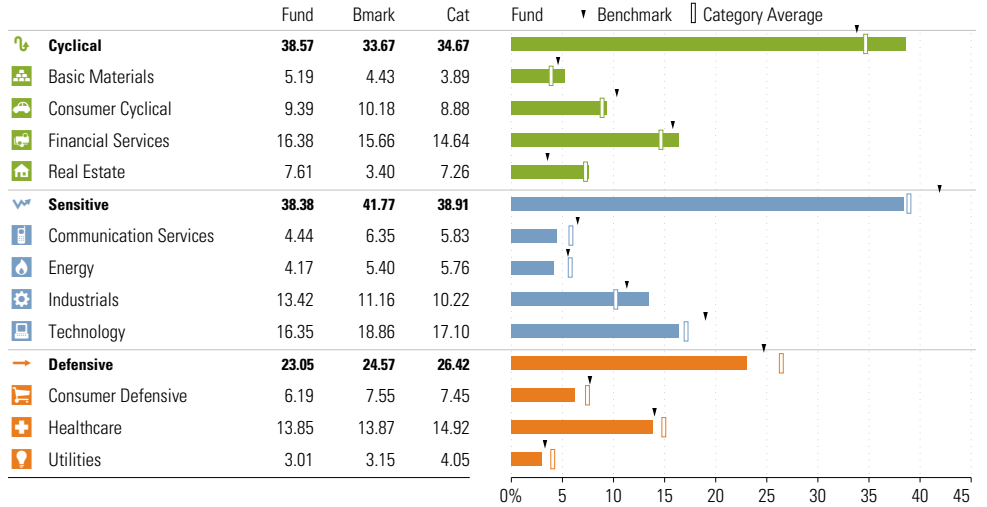


## Asset Allocation as of 12-31-2022



Asset Class	Net %	Cat%
US Stocks	27.03	25.69
Non-US Stocks	10.13	6.35
Bonds	62.30	56.92
Cash	-2.07	6.88
Other	2.61	4.14
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2022



## Top 0 Holdings as of 12-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
------	---------------	-------------	--------------	--------------	--------------------

**Total Holdings 0**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# MFS Growth Allocation R3 MAGEX

**Morningstar Category**  
Allocation--70% to 85%  
Equity

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

## Portfolio Manager(s)

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

## Quantitative Screens

✔ **Performance:** The fund has finished in the Allocation--70% to 85% Equity category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 20.52 years.

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

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

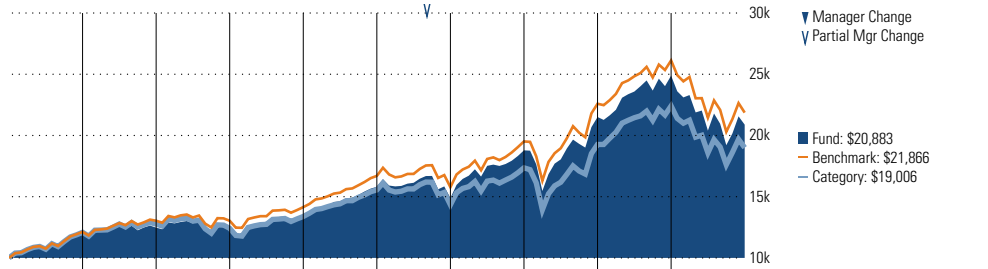
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022

## Growth of \$10,000



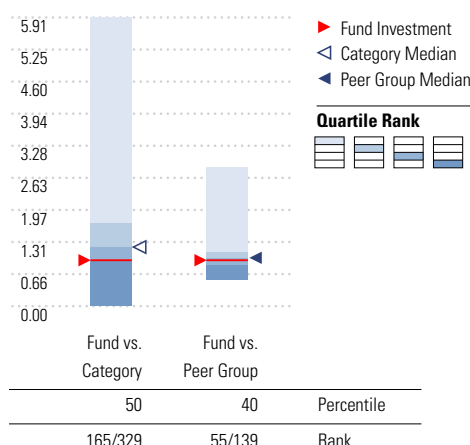
	2013	2014	2015	2016	2017	2018	2019	2020	2021	YTD	Performance Quartile (Within Category)
	20.16	3.82	-0.90	7.51	18.95	-5.85	26.20	14.48	15.71	-16.07	History
	-1.11	-3.68	-0.87	-1.05	0.92	-0.32	2.53	-1.30	0.06	0.24	Total Return %
	-1.15	-1.89	1.87	-0.42	3.15	2.08	4.85	0.97	-0.79	-1.11	+/- Benchmark
	67	78	19	47	22	19	5	30	50	49	+/- Category
	406	396	415	368	341	345	333	323	328	322	Tot Ret % Rank in Cat
	5	2	6	3	1	2	3	4	7	11	# of Funds in Cat
	-	-	-	-	-	-	-	-	-	-	Turnover %
	-	-	-	-	-	-	-	-	-	-	Expense Ratio

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Total Return % as of 12-31-2022
	8.72	-16.07	3.59	5.72	7.64	6.76	Fund Return %
	7.72	-16.31	3.87	5.54	8.14	5.51	Benchmark Return %
	7.88	-14.96	3.58	4.51	7.01	-	Category Average %
	26	49	43	20	31	-	% Rank in Category
	328	322	296	279	224	-	# of Funds in Category

## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.28	-	-0.36
Beta	1.02	-	1.00
R-Squared	98.45	-	95.37
Standard Deviation	17.09	16.69	17.17
Sharpe Ratio	0.24	0.26	0.23
Tracking Error	2.14	-	3.53
Information Ratio	-0.13	-	-0.19
Up Capture Ratio	102.26	-	99.82
Down Capture Ratio	103.77	-	101.74

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.93	15.67	15.37
Price/Book Ratio	2.62	2.45	2.44
Avg Eff Duration	4.83	6.45	5.64

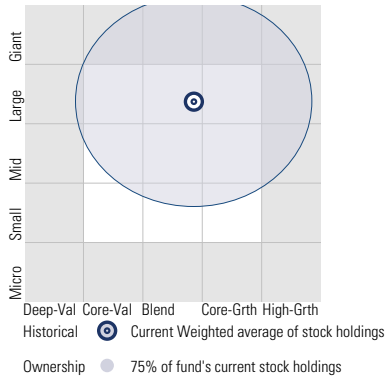
# MFS Growth Allocation R3 MAGEX

**Morningstar Category**  
Allocation--70% to 85%  
Equity

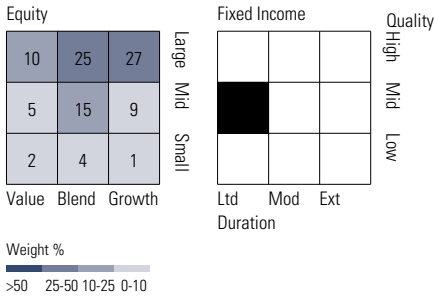
**Morningstar Index**  
Morningstar US Mod Agg Tgt Alloc NR  
USD

## Style Analysis as of 12-31-2022

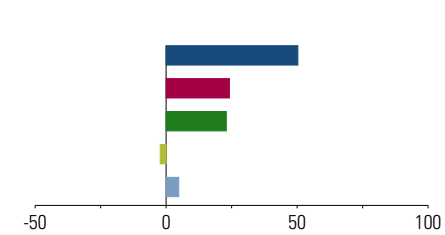
Morningstar Style Box™



## Style Breakdown

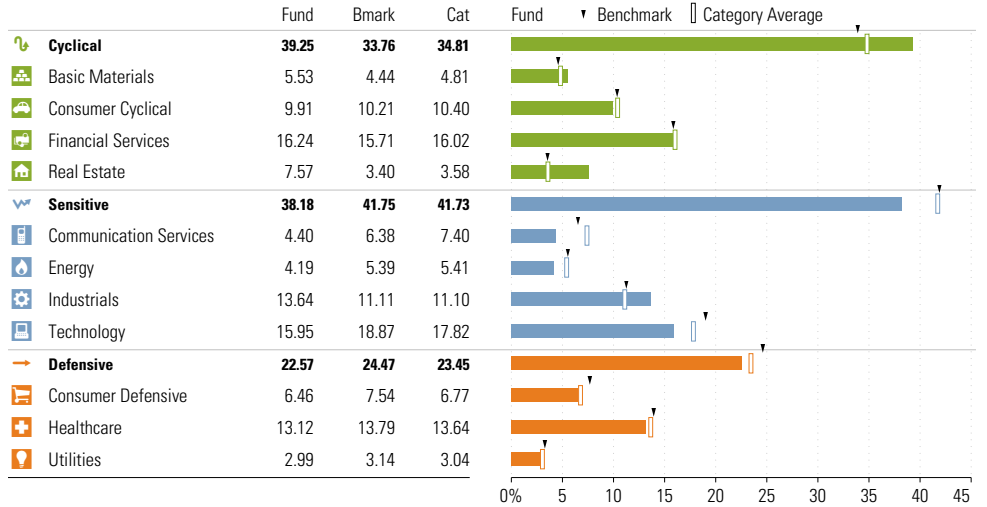


## Asset Allocation as of 12-31-2022



Asset Class	Net %	Cat%
US Stocks	50.29	56.68
Non-US Stocks	24.16	17.64
Bonds	22.98	14.51
Cash	-2.25	5.13
Other	4.82	6.03
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2022



## Top 0 Holdings as of 12-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
------	---------------	-------------	--------------	--------------	--------------------

**Total Holdings 0**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# MFS International Growth R3 MGRTX

**Morningstar Category**  
Foreign Large Growth

**Morningstar Index**  
MSCI EAFE NR USD

## Portfolio Manager(s)

Kevin Dwan since 01-2012  
Matthew Barrett since 03-2015

## Quantitative Screens

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

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

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

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

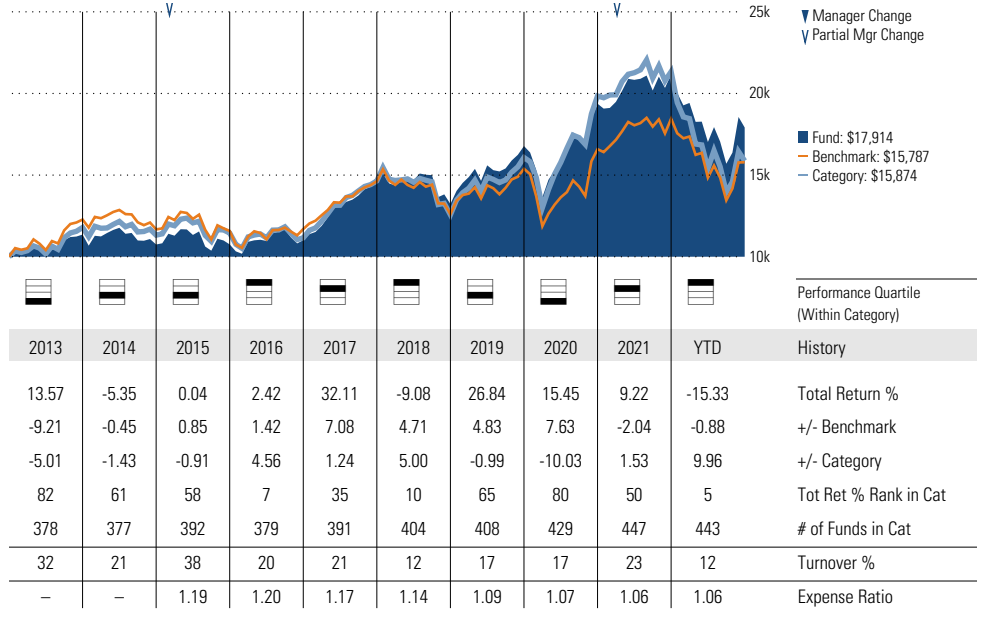
## Morningstar Investment Management LLC Analysis

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

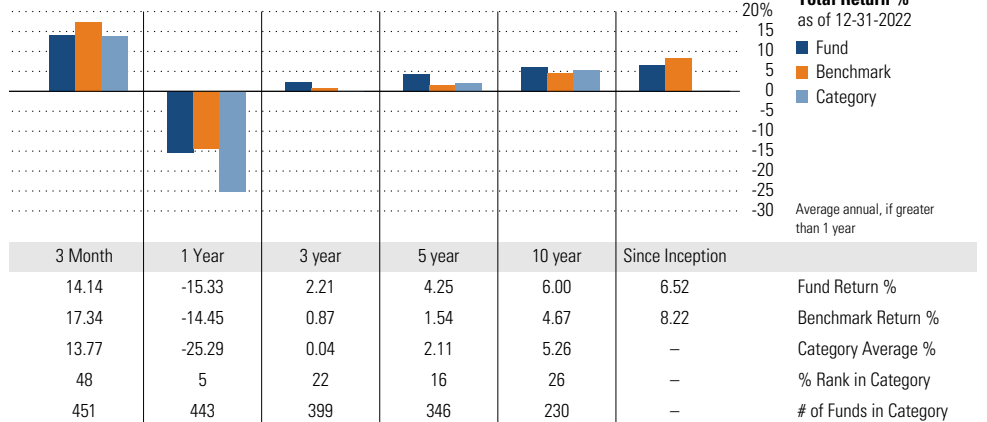
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022

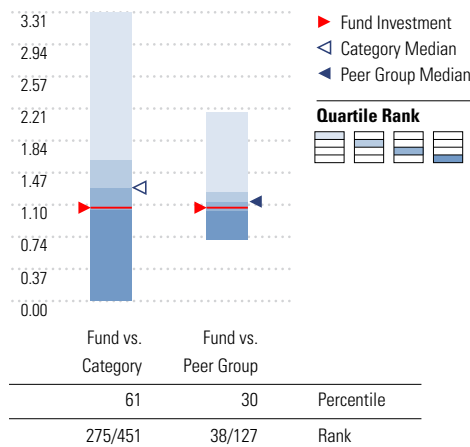
## Growth of \$10,000



## 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	1.34	-	-0.67
Beta	0.88	-	0.98
R-Squared	91.62	-	83.89
Standard Deviation	18.60	20.25	21.69
Sharpe Ratio	0.16	0.10	0.06
Tracking Error	5.91	-	8.76
Information Ratio	0.23	-	-0.10
Up Capture Ratio	94.00	-	99.00
Down Capture Ratio	89.25	-	102.84

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	20.50	12.65	19.09
Price/Book Ratio	2.76	1.56	2.99
Geom Avg Mkt Cap \$B	54.75	43.46	48.56
ROE	19.46	19.18	22.43

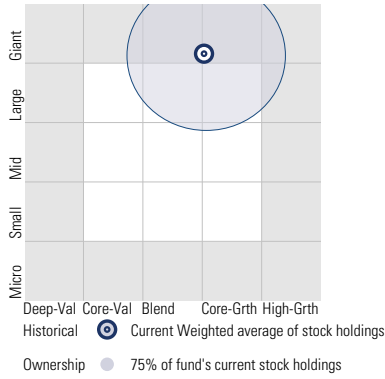
# MFS International Growth R3 MGRTX

**Morningstar Category**  
Foreign Large Growth

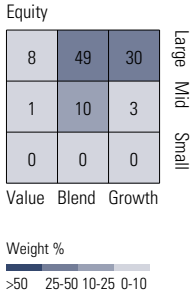
**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 12-31-2022

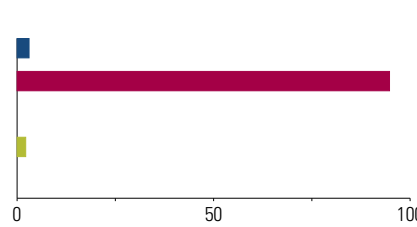
Morningstar Style Box™



## Style Breakdown

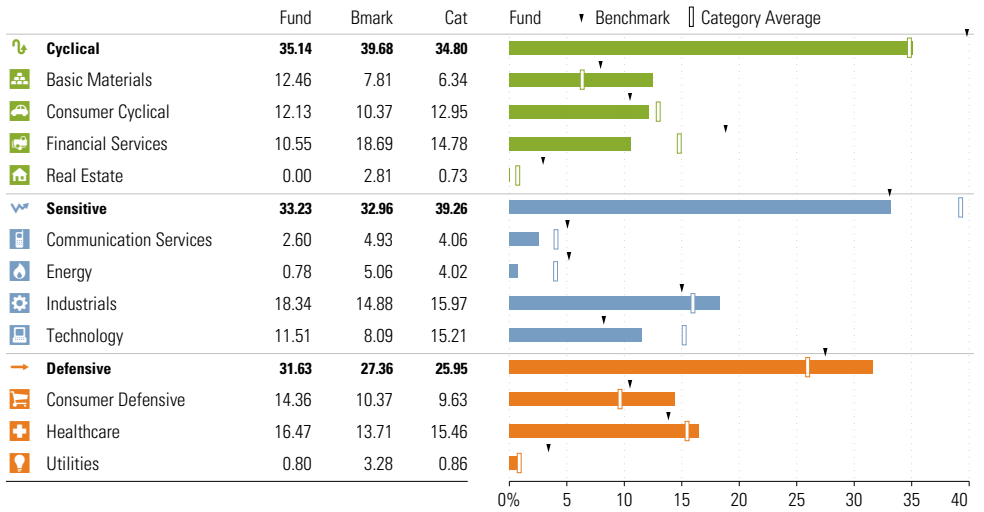


## Asset Allocation as of 12-31-2022



Asset Class	Net %	Cat%
US Stocks	3.04	6.95
Non-US Stocks	94.76	89.95
Bonds	0.00	0.00
Cash	2.19	2.55
Other	0.00	0.57
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2022



## World Regions % Equity 12-31-2022



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	29.26	27.34	Americas	12.98	14.74	Greater Europe	57.75	57.92	Developed Markets	89.36
Japan	8.80	11.60	North America	11.07	12.78	United Kingdom	12.13	12.49	Emerging Markets	10.64
Australasia	1.00	1.96	Central/Latin	1.91	1.96	W euro-ex UK	45.25	44.80	Not Available	0.00
Asia-4 Tigers	10.73	6.01				Emrgng Europe	0.00	0.02		
Asia-ex 4 Tigers	8.73	7.77				Africa	0.37	0.61		
Not Classified	0.00	0.00								

## Top 0 Holdings as of 12-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
<b>Total Holdings 0</b>				

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# MFS Moderate Allocation R3 MAMHX

**Morningstar Category**  
Allocation--50% to 70%  
Equity

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

## Portfolio Manager(s)

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

## Quantitative Screens

✔ **Performance:** The fund has finished in the Allocation--50% to 70% Equity category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 20.52 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.9 is 13.46% lower than the Allocation--50% to 70% Equity category average.

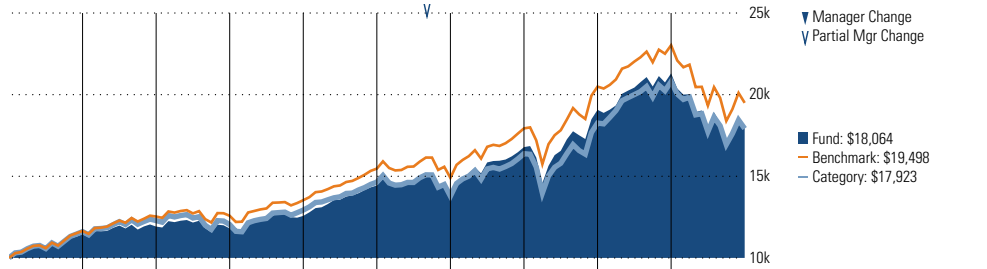
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

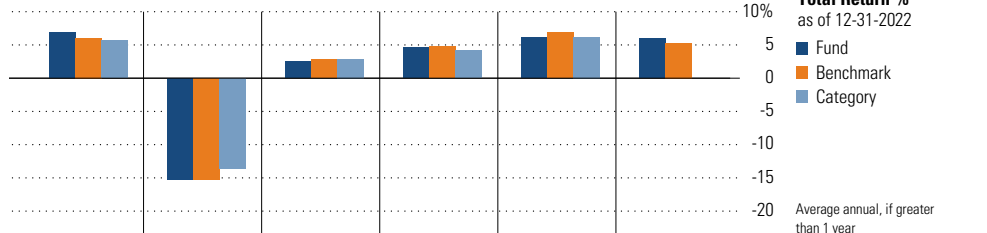
Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
Carbon Risk Score	Low Risk	12-31-2021

## Growth of \$10,000



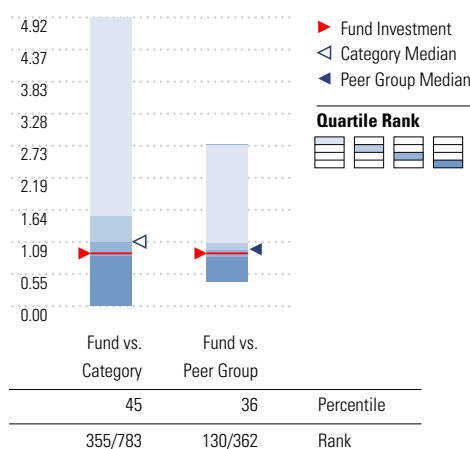
	2013	2014	2015	2016	2017	2018	2019	2020	2021	YTD	Performance Quartile (Within Category)
	14.55	4.06	-0.98	6.52	14.80	-4.45	21.71	13.61	11.70	-15.21	History
	-1.98	-3.51	-1.34	-1.08	0.52	-0.79	1.38	-0.65	-0.67	0.11	Total Return %
	-1.93	-2.15	0.95	-0.82	1.59	1.31	2.48	1.89	-2.19	-1.57	+/- Benchmark
	72	82	42	55	30	31	19	36	69	54	+/- Category
	826	799	849	795	778	796	769	744	756	758	Tot Ret % Rank in Cat
	5	2	8	2	1	2	2	8	7	11	# of Funds in Cat
	-	-	-	-	-	-	-	-	-	-	Turnover %
	-	-	-	-	-	-	-	-	-	-	Expense Ratio

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Average annual, if greater than 1 year
	6.86	-15.21	2.47	4.59	6.09	6.00	Fund Return %
	6.04	-15.32	2.83	4.74	6.91	5.30	Benchmark Return %
	5.69	-13.64	2.89	4.13	6.21	-	Category Average %
	33	54	60	39	53	-	% Rank in Category
	776	758	698	658	495	-	# of Funds in Category

## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.34	-	0.04
Beta	1.01	-	1.01
R-Squared	98.31	-	94.21
Standard Deviation	13.97	13.72	14.31
Sharpe Ratio	0.18	0.21	0.20
Tracking Error	1.82	-	3.33
Information Ratio	-0.19	-	-0.02
Up Capture Ratio	100.63	-	100.97
Down Capture Ratio	102.60	-	101.15

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.22	16.24	17.39
Price/Book Ratio	2.68	2.63	3.04
Avg Eff Duration	5.53	6.45	5.29

# MFS Moderate Allocation R3 MAMHX

**Morningstar Category**  
Allocation--50% to 70%

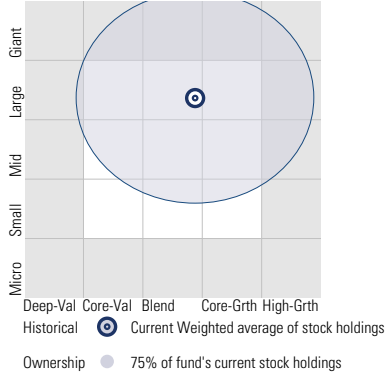
**Morningstar Index**

Morningstar US Mod Tgt Alloc NR USD

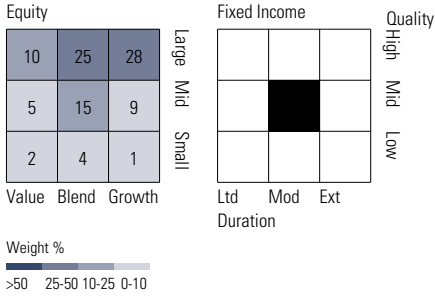
Equity

## Style Analysis as of 12-31-2022

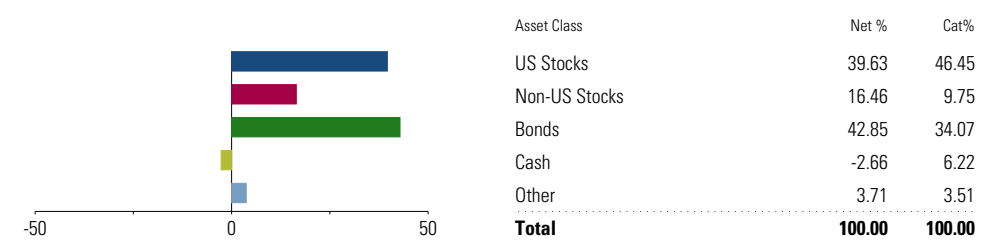
Morningstar Style Box™



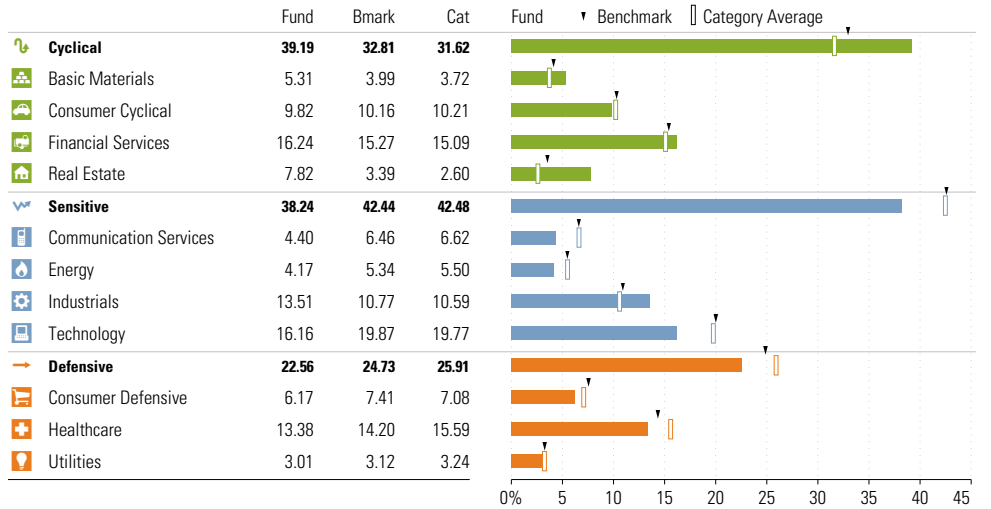
## Style Breakdown



## Asset Allocation as of 12-31-2022



## Sector Weighting as of 12-31-2022



## Top 0 Holdings as of 12-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
------	---------------	-------------	--------------	--------------	--------------------

**Total Holdings 0**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# PIMCO Income A PONAX

**Morningstar Category**  
Multisector Bond

**Morningstar Index**  
Bloomberg US Universal TR USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 15.77 years.

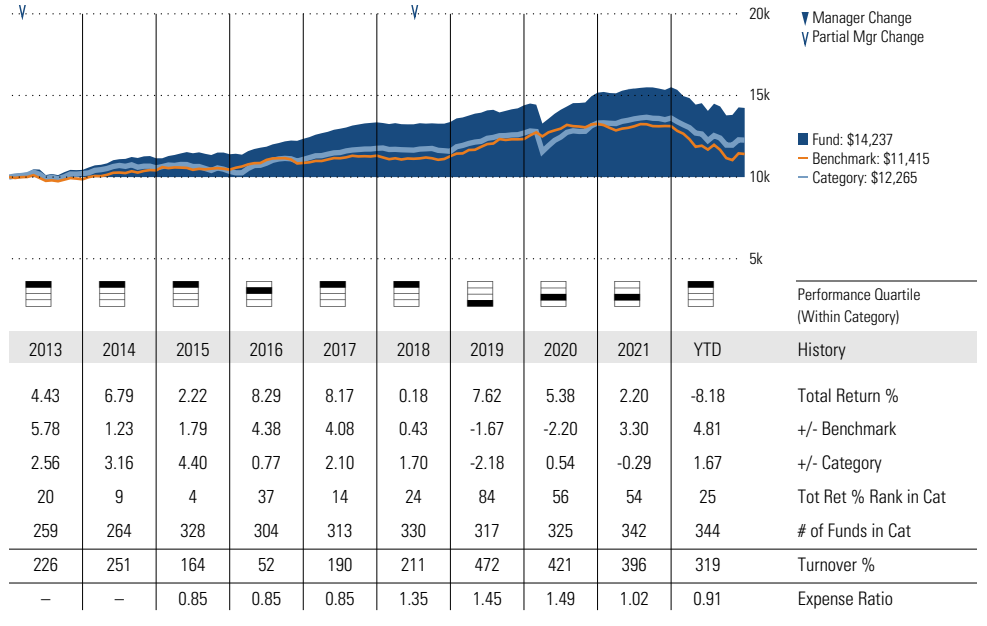
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.91 is 7.14% lower than the Multisector Bond category average.

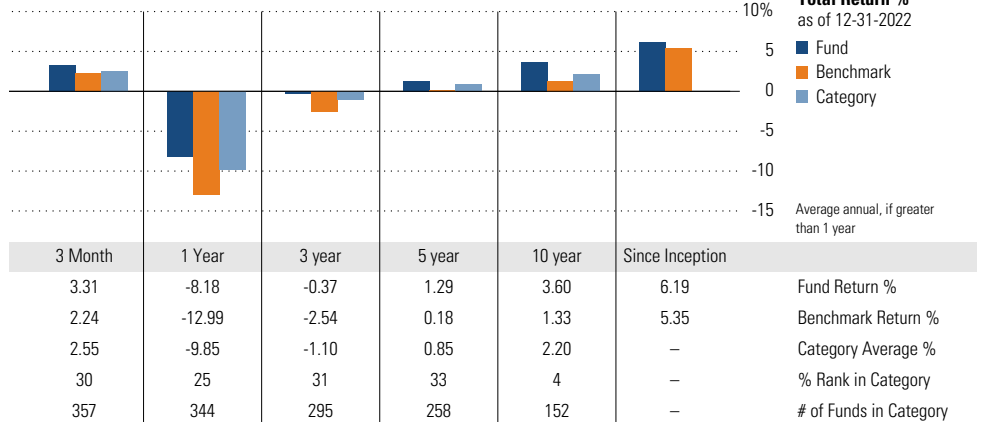
## Morningstar Investment Management LLC Analysis

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

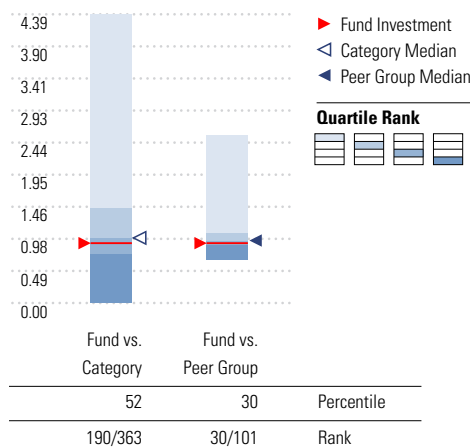
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	2.10	-	1.72
Beta	0.92	-	0.99
R-Squared	56.11	-	48.49
Standard Deviation	7.35	5.98	9.02
Sharpe Ratio	-0.13	-0.54	-0.16
Tracking Error	4.89	-	6.72
Information Ratio	0.44	-	0.28
Up Capture Ratio	101.79	-	109.62
Down Capture Ratio	77.72	-	91.61

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	3.83	4.55	4.04
Avg Eff Maturity	5.90	7.69	7.62

# PIMCO Income A PONAX

**Morningstar Category**  
Multisector Bond

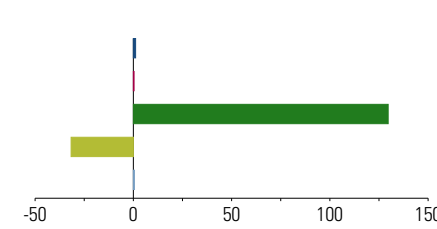
**Morningstar Index**  
Bloomberg US Universal TR USD

## Style Analysis as of 12-31-2022

### Style Breakdown



## Asset Allocation as of 12-31-2022

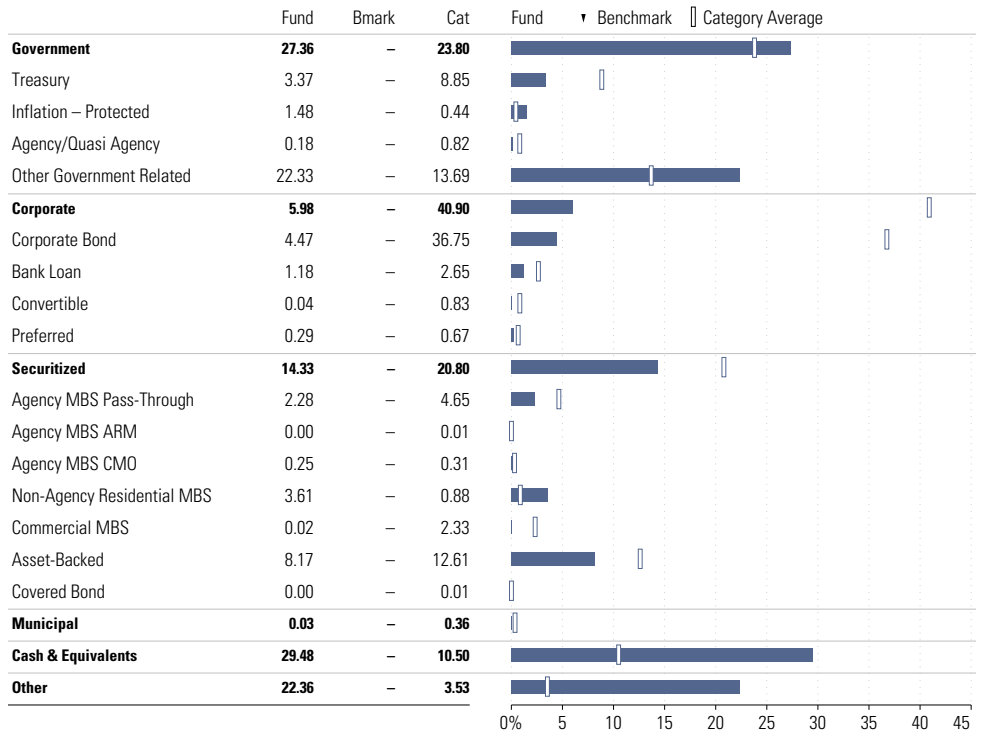


Asset Class	Net %	Cat%
US Stocks	1.15	1.19
Non-US Stocks	0.36	0.12
Bonds	129.67	92.17
Cash	-31.68	5.44
Other	0.52	1.07
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	48.99	67.64	21.99
AA	4.79	3.23	3.50
A	4.16	10.03	8.36
BBB	14.85	10.89	22.10
BB	14.13	3.19	18.54
B	4.43	3.64	12.52
Below B	8.66	1.38	4.17
Not Rated	0.00	0.00	8.81

## Sector Weighting as of 12-31-2022



## Top 10 Holdings as of 12-31-2022

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

**Total Holdings 7956**

⊕ Increase ⊖ Decrease ✳ New to Portfolio

# PIMCO International Bond (USD-Hdg) A PFOAX

**Morningstar Category**  
Global Bond-USD Hedged

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

## Portfolio Manager(s)

Andrew Balls since 09-2014  
Lorenzo Pagani since 09-2014  
Sachin Gupta since 09-2014

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 8.27 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.91 is 22.97% higher than the Global Bond-USD Hedged category average.

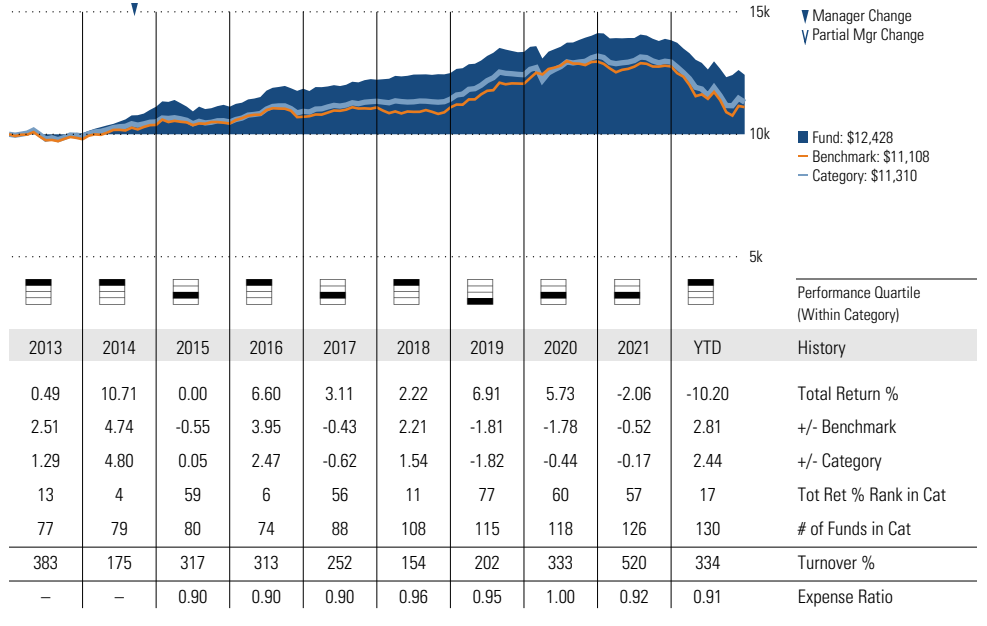
## Morningstar Investment Management LLC Analysis

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

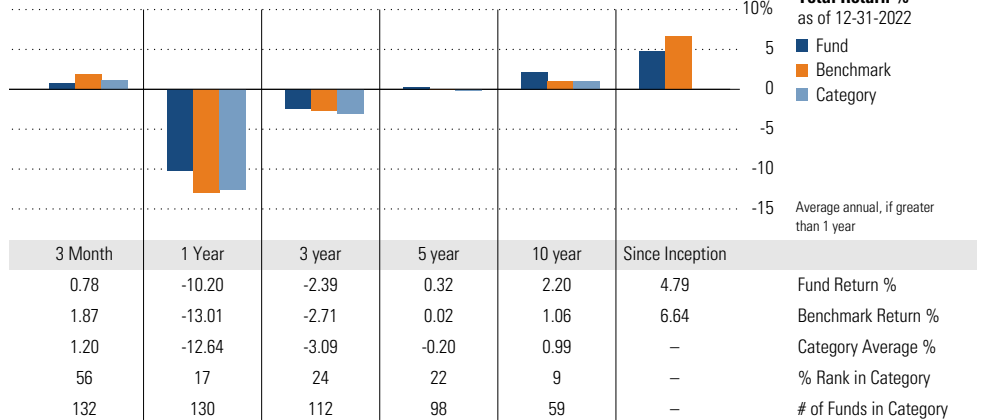
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023

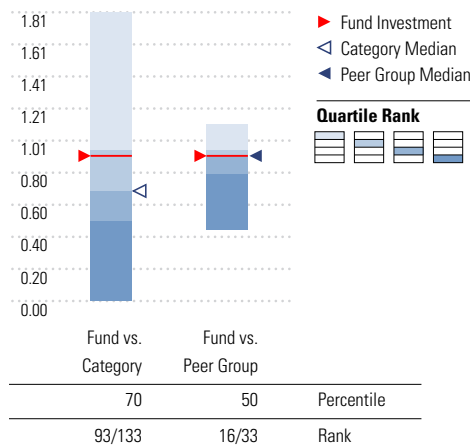
## Growth of \$10,000



## 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	-0.67	-	-0.56
Beta	0.63	-	0.91
R-Squared	58.04	-	66.59
Standard Deviation	4.87	5.85	6.52
Sharpe Ratio	-0.64	-0.58	-0.59
Tracking Error	3.81	-	4.06
Information Ratio	0.08	-	-0.06
Up Capture Ratio	67.09	-	100.72
Down Capture Ratio	73.67	-	104.53

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	6.13	4.43	6.94
Avg Eff Maturity	7.22	-	8.12

# PIMCO International Bond (USD-Hdg) A PFOAX

**Morningstar Category**  
Global Bond-USD Hedged

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

## Style Analysis as of 12-31-2022

### Style Breakdown



## Asset Allocation as of 12-31-2022

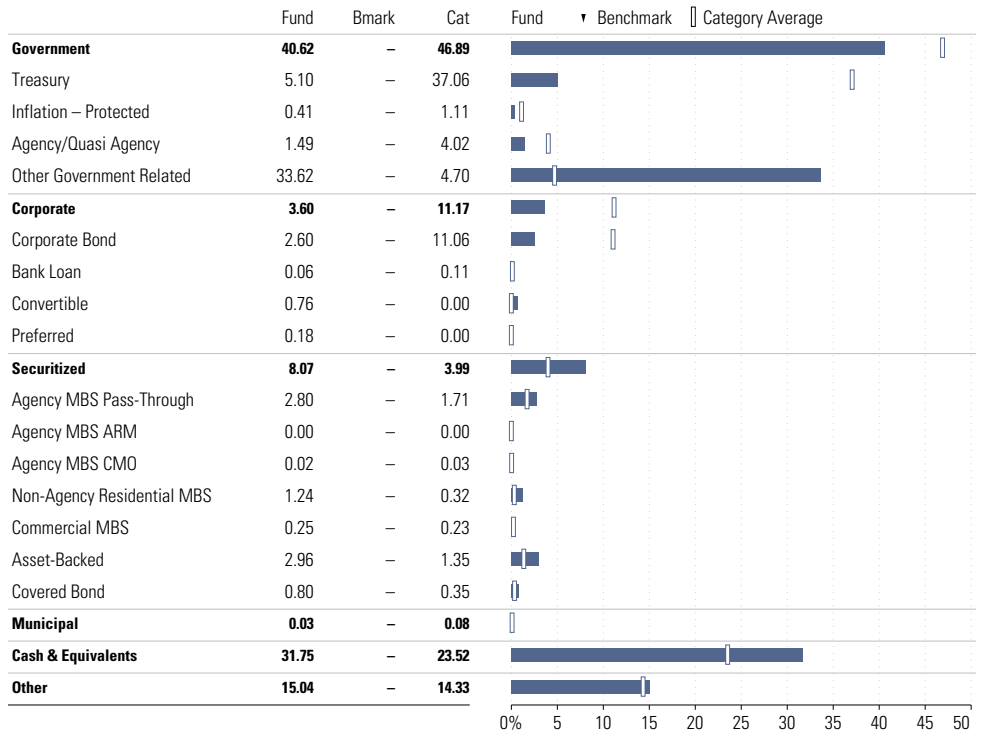


Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.01	0.02
Bonds	109.83	88.81
Cash	-6.61	10.97
Other	-3.24	0.19
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	56.80	3.53	41.60
AA	13.68	74.59	18.48
A	16.98	10.82	17.45
BBB	7.77	8.32	20.42
BB	1.88	0.28	5.05
B	0.65	0.00	1.34
Below B	2.24	0.00	0.54
Not Rated	0.00	2.46	-4.87

## Sector Weighting as of 12-31-2022



## Top 10 Holdings as of 12-31-2022

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

**Total Holdings 1646**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# 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 12.01 years.

Style Consistency is not calculated for Fixed Income funds.

✘ **Net Expense:** The fund's expense ratio of 0.7 is 52.17% higher than the Ultrashort Bond category average.

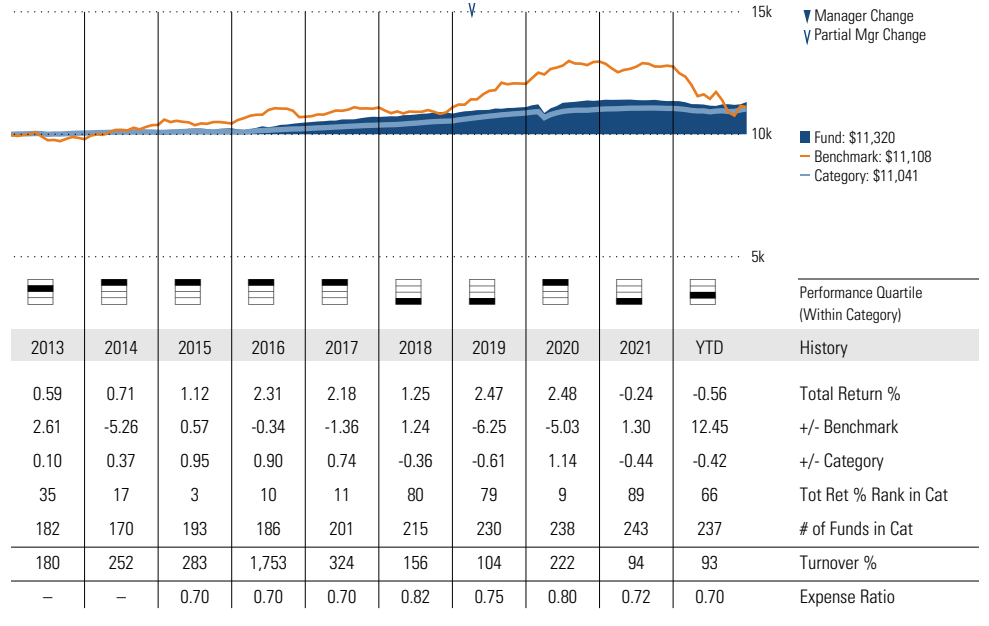
## Morningstar Investment Management LLC Analysis

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.

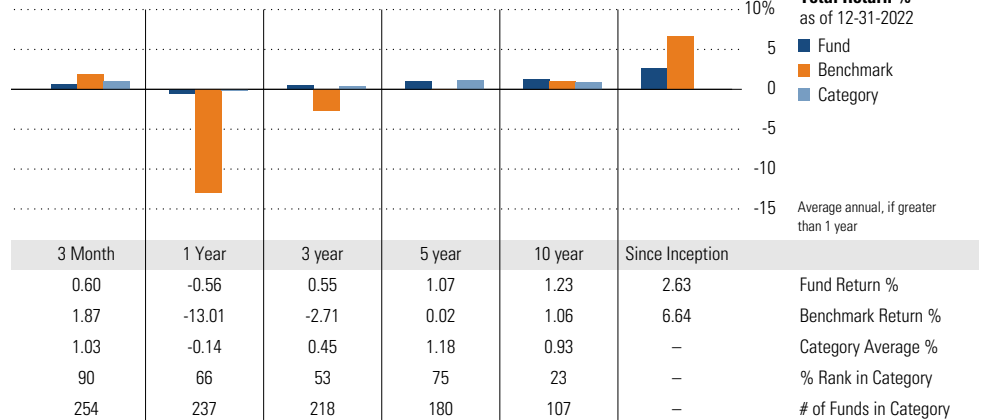
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023

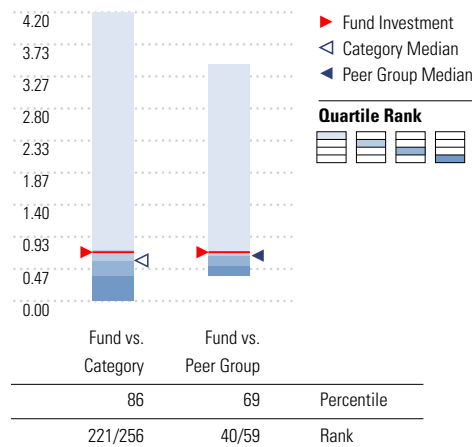
## Growth of \$10,000



## 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	0.90	-	0.76
Beta	0.10	-	0.12
R-Squared	5.26	-	17.12
Standard Deviation	2.47	5.85	1.94
Sharpe Ratio	-0.08	-0.58	-0.30
Tracking Error	5.81	-	5.59
Information Ratio	0.57	-	0.56
Up Capture Ratio	24.21	-	22.64
Down Capture Ratio	10.19	-	11.26

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	0.09	4.43	0.72
Avg Eff Maturity	-	-	3.41

# PIMCO Short-Term A PSHAX

**Morningstar Category**  
Ultrashort Bond

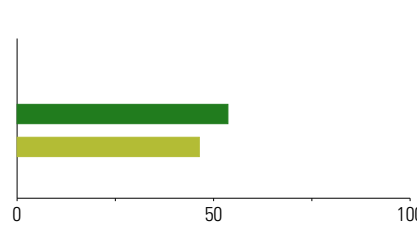
**Morningstar Index**  
Bloomberg US Agg Bond TR USD

## Style Analysis as of 12-31-2022

### Style Breakdown



## Asset Allocation as of 12-31-2022

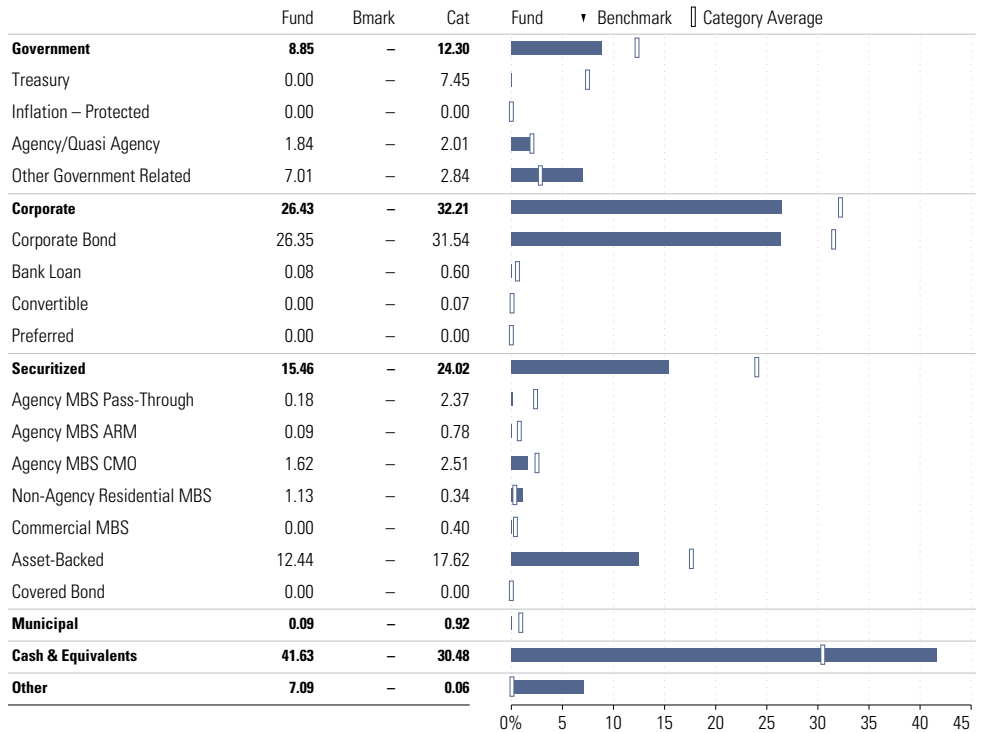


Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.00
Bonds	53.64	65.14
Cash	46.36	35.06
Other	0.00	-0.20
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	41.71	3.53	45.58
AA	3.49	74.59	9.37
A	25.35	10.82	22.58
BBB	28.42	8.32	16.39
BB	0.54	0.28	0.81
B	0.30	0.00	0.43
Below B	0.19	0.00	0.09
Not Rated	0.00	2.46	4.75

## Sector Weighting as of 12-31-2022



## Top 10 Holdings as of 12-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
✱ Cash Offset	-	38.27	38.27	-
⊕ 3 Month SOFR Future June 23	09-2023	24.63	62.90	-
⊖ CDX IG39 5Y ICE	12-2027	23.56	86.46	-
⊖ 2 Year Treasury Note Future Mar 23	04-2023	15.53	101.99	-
⊖ 5 Year Treasury Note Future Mar 23	04-2023	10.92	112.91	-
⊖ 3 Month SOFR Future June 24	09-2024	9.48	122.39	-
⊕ IRS USD R 3ML/1ML+9.75 01/13/22-23 CME Pay	01-2023	6.70	129.09	-
⊕ IRS USD R 3ML/1ML+9.75 01/13/22-23 CME Receive	01-2023	6.70	135.79	-
⊕ IRS USD R 3ML/1ML+9.8 01/13/22-23 CME Pay	01-2023	5.13	140.92	-
⊕ IRS USD R 3ML/1ML+9.8 01/13/22-23 CME Receive	01-2023	5.13	146.05	-

**Total Holdings 1172**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard International Value Inv VTRIX

**Morningstar Category**  
Foreign Large Value

**Morningstar Index**  
MSCI EAFE NR USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

**Management:** The fund's management has been in place for 12.6 years.

**Style:** The fund has landed in its primary style box — Large Value — 66.67 % of the time over the past three years.

**Net Expense:** The fund's expense ratio of 0.36 is 63.27% 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.

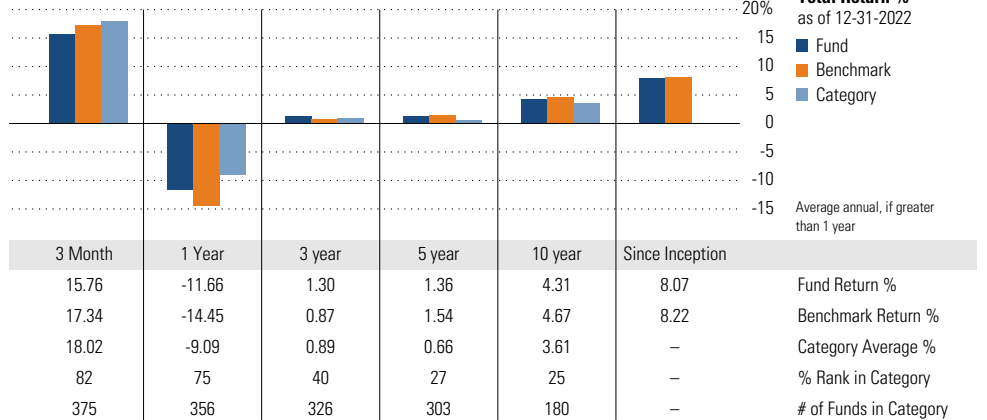
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	01-31-2023
Carbon Risk Score	Medium Risk	12-31-2022

## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.66	-	0.43
Beta	1.04	-	1.04
R-Squared	92.63	-	90.02
Standard Deviation	21.95	20.25	22.18
Sharpe Ratio	0.13	0.10	0.12
Tracking Error	6.02	-	7.29
Information Ratio	0.07	-	0.01
Up Capture Ratio	101.35	-	102.04
Down Capture Ratio	99.77	-	101.68

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	12.12	12.65	9.31
Price/Book Ratio	1.53	1.56	1.15
Geom Avg Mkt Cap \$B	28.83	43.46	32.72
ROE	16.05	19.18	17.40

# Vanguard International Value Inv VTRIX

**Morningstar Category**  
Foreign Large Value

**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 12-31-2022

Morningstar Style Box™



## Style Breakdown

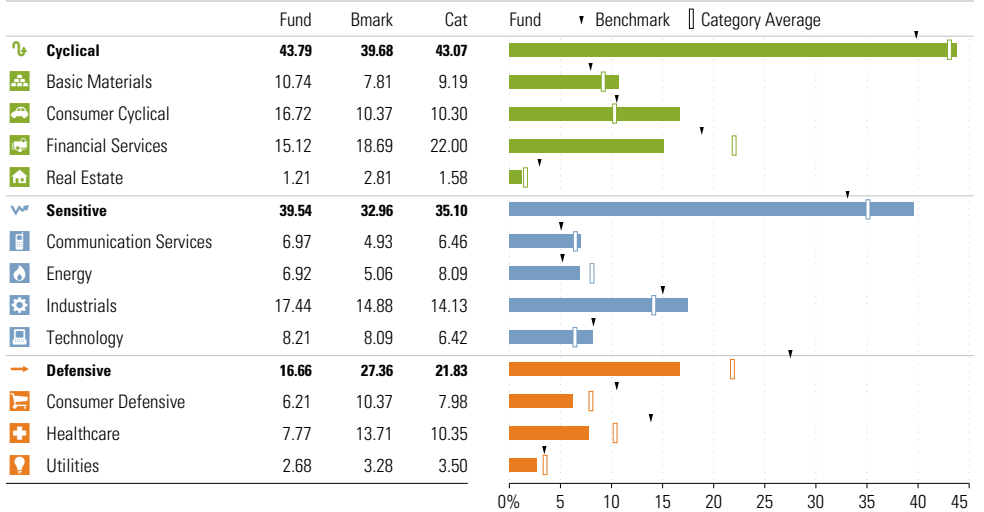


## Asset Allocation as of 12-31-2022



Asset Class	Net %	Cat%
US Stocks	3.70	2.88
Non-US Stocks	92.25	95.13
Bonds	0.00	0.14
Cash	4.06	1.66
Other	0.00	0.19
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2022



## World Regions % Equity 12-31-2022



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	40.34	31.96	Americas	9.51	8.66	Greater Europe	50.14	59.39	Developed Markets	79.78
Japan	10.52	17.50	North America	6.06	7.54	United Kingdom	14.97	17.54	Emerging Markets	20.22
Australasia	0.93	4.09	Central/Latin	3.45	1.12	W euro-ex UK	34.57	41.25	Not Available	0.00
Asia-4 Tigers	12.63	7.20				Emrgng Europe	0.00	0.13		
Asia-ex 4 Tigers	16.26	3.17				Africa	0.60	0.47		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 12-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Mktliq 12/31/2049	3.37	3.37	-	-
⊕ Alibaba Group Holding Ltd Ordinary Shares	2.07	5.44	-25.68	Consumer Cyclical
⊕ AIA Group Ltd	1.81	7.25	17.53	Financial Services
⊕ BP PLC	1.61	8.86	40.92	Energy
⊕ Airbus SE	1.61	10.47	0.80	Industrials
⊖ Holcim Ltd	1.56	12.03	7.68	Basic Materials
⊖ TotalEnergies SE	1.37	13.40	41.32	Energy
⊖ HSBC Holdings PLC	1.37	14.77	13.95	Financial Services
⊖ Sands China Ltd Shs Unitary 144A/Reg S	1.17	15.94	54.39	Consumer Cyclical
RELX PLC	1.16	17.10	-7.61	Communication Svc

**Total Holdings 224**

⊕ Increase ⊖ Decrease ✱ New to Portfolio