

# American Century Mid Cap Value I AVUAX

**Morningstar Category**  
Mid-Cap Value

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

## Portfolio Manager(s)

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

## Quantitative Screens

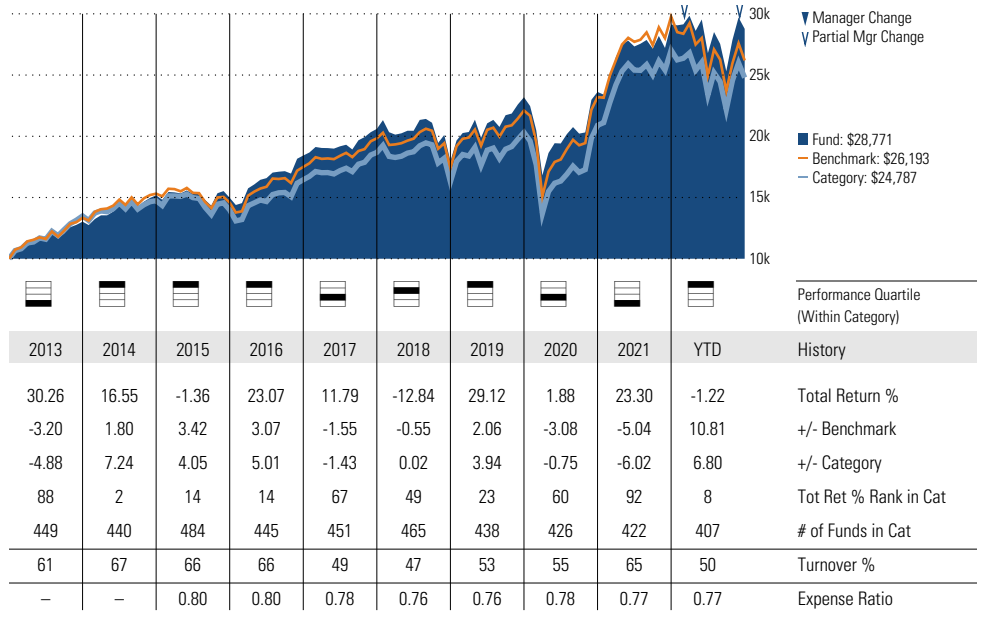
✔ **Performance:** The fund has finished in the Mid-Cap Value category's top three quartiles in 8 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 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 0.77 is 21.43% lower than the Mid-Cap Value category average.

## Growth of \$10,000



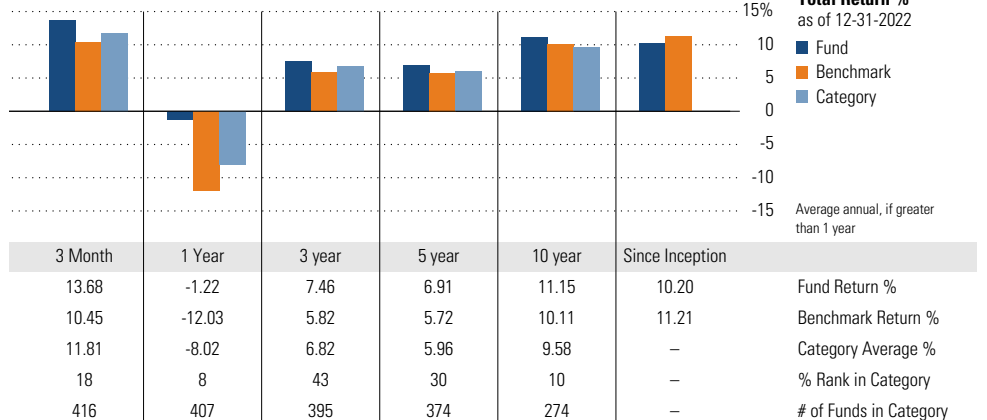
## Morningstar Investment Management LLC Analysis

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

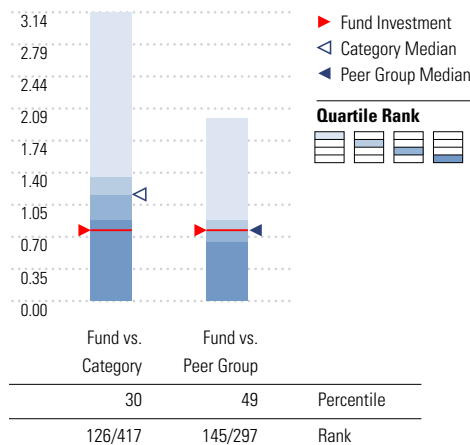
## ESG Metrics

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

## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	2.06	-	0.86
Beta	0.84	-	0.99
R-Squared	96.37	-	95.83
Standard Deviation	21.24	24.79	25.07
Sharpe Ratio	0.40	0.32	0.35
Tracking Error	5.64	-	5.36
Information Ratio	0.29	-	0.13
Up Capture Ratio	87.94	-	98.80
Down Capture Ratio	81.31	-	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 I AVUAX

**Morningstar Category**  
Mid-Cap Value

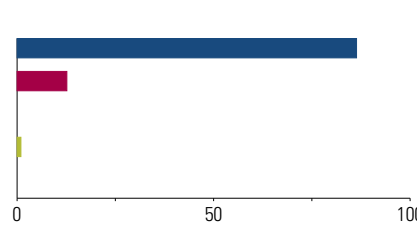
**Morningstar Index**  
Russell Mid Cap Value TR USD

## Style Analysis as of 12-31-2022

Morningstar Style Box™



## Asset Allocation as of 12-31-2022

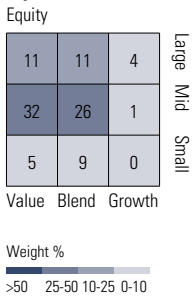


Asset Class	Net %	Cat%
US Stocks	86.37	90.71
Non-US Stocks	12.66	6.46
Bonds	0.00	0.01
Cash	0.97	2.42
Other	0.00	0.40
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2022

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>38.07</b>	<b>45.64</b>	<b>42.06</b>			
Basic Materials	2.25	6.13	5.40			
Consumer Cyclical	7.08	10.44	11.17			
Financial Services	20.11	17.74	19.04			
Real Estate	8.63	11.33	6.45			
<b>Sensitive</b>	<b>29.64</b>	<b>33.31</b>	<b>34.28</b>			
Communication Services	2.57	3.29	3.07			
Energy	4.23	5.54	6.21			
Industrials	16.39	14.82	16.35			
Technology	6.45	9.66	8.65			
<b>Defensive</b>	<b>32.29</b>	<b>21.05</b>	<b>23.65</b>			
Consumer Defensive	9.04	4.43	6.57			
Healthcare	14.12	7.55	10.58			
Utilities	9.13	9.07	6.50			

## Style Breakdown



## 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 Funds 2010 Trgt Date Retire R6 RFTTX

**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  
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

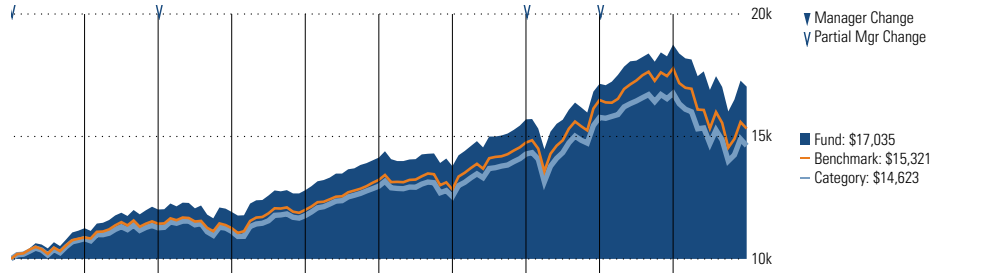
✔ **Performance:** The fund has finished in the Target-Date 2000-2010 category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **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 0.28 is 50% lower than the Target-Date 2000-2010 category average.

## Growth of \$10,000



2013	2014	2015	2016	2017	2018	2019	2020	2021	YTD	History
12.55	6.79	-0.84	7.45	10.41	-2.49	13.88	9.25	9.32	-9.15	Total Return %
3.79	1.63	0.74	0.81	0.22	0.48	-1.05	-2.53	1.49	4.68	+/- Benchmark
4.25	2.69	0.34	1.59	0.26	0.76	0.02	-1.23	3.06	3.62	+/- Category
1	1	27	3	44	22	56	85	1	1	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

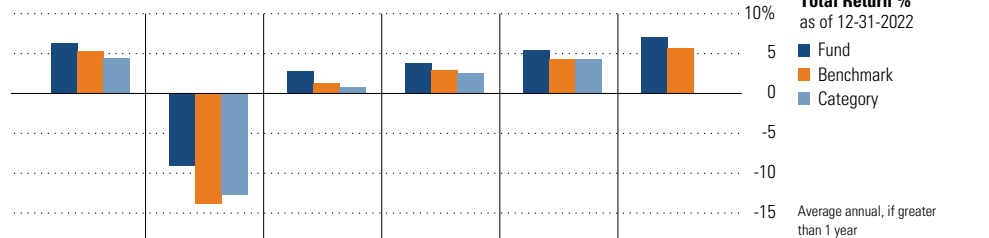
## Morningstar Investment Management LLC Analysis

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## ESG Metrics

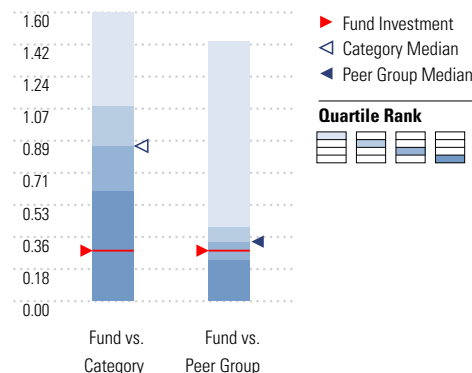
Metric	Rating	Updated
Sustainability Rating	2	01-31-2023

## Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	
6.33	-9.15	2.76	3.80	5.47	7.12	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 %
1	1	1	1	1	-	% Rank in Category
128	128	113	82	50	-	# of Funds in Category

## Net Expense



Fund vs. Category	Fund vs. Peer Group	Percentile
18	35	
24/128	85/245	Rank

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	1.57	-	-0.37
Beta	0.88	-	0.89
R-Squared	96.93	-	96.78
Standard Deviation	9.40	10.48	9.48
Sharpe Ratio	0.24	0.09	0.03
Tracking Error	2.05	-	2.28
Information Ratio	0.73	-	-0.19
Up Capture Ratio	92.32	-	85.67
Down Capture Ratio	81.22	-	88.11

## Portfolio Metrics

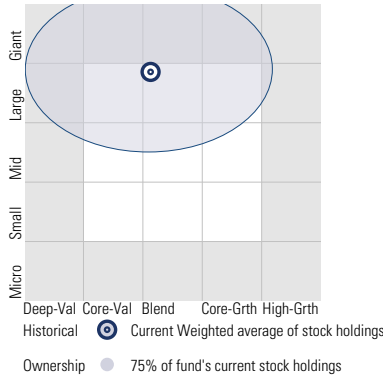
	Fund	Bmark	Cat
Price/Earnings Ratio	15.85	15.61	15.75
Price/Book Ratio	2.81	2.32	2.47
Avg Eff Duration	4.63	-	-

# American Funds 2010 Trgt Date Retire R6 RFTTX

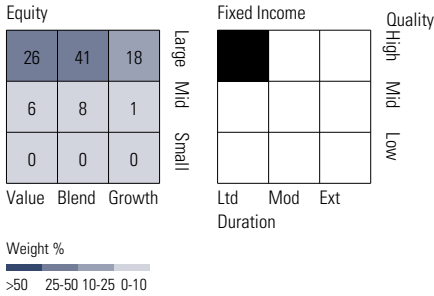
**Morningstar Category**  
Target-Date 2000-2010

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

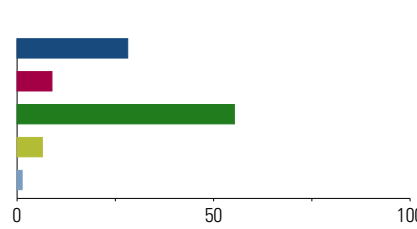
**Style Analysis** as of 12-31-2022  
Morningstar Style Box™



**Style Breakdown**

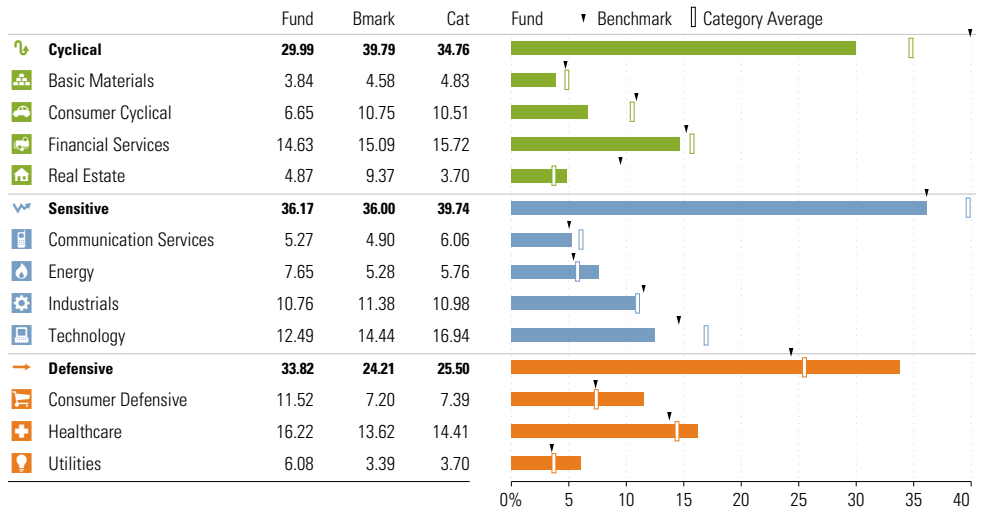


**Asset Allocation** as of 12-31-2022



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



**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 R6 RFJTX

**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

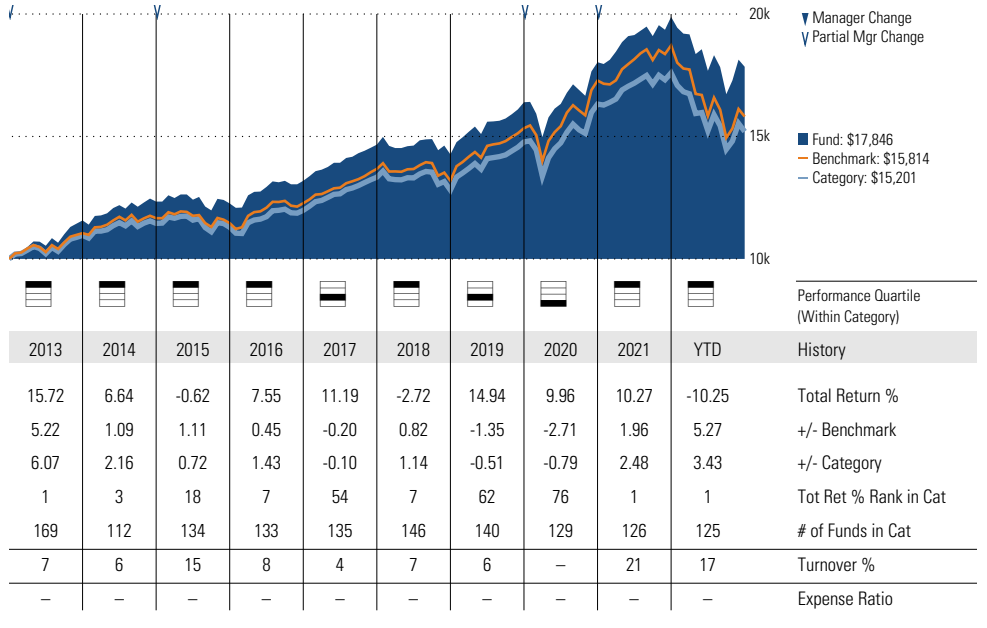
✔ **Performance:** The fund has finished in the Target-Date 2015 category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **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 0.3 is 50% lower than the Target-Date 2015 category average.

## Growth of \$10,000



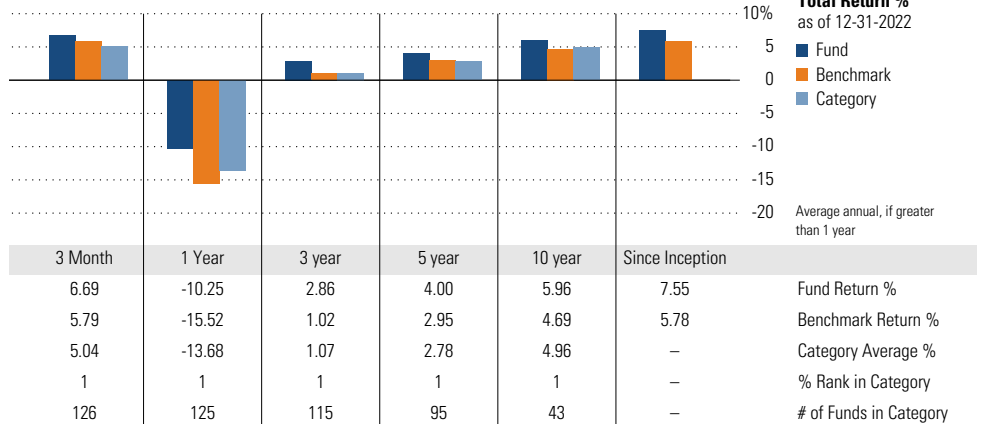
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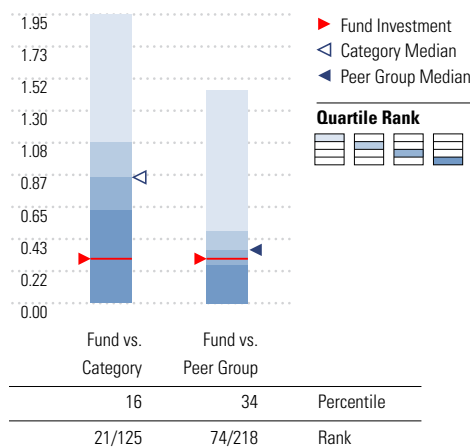
## ESG Metrics

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

Metric	Fund	Bmark	Cat
Alpha	1.88	-	0.16
Beta	0.88	-	0.93
R-Squared	96.72	-	97.12
Standard Deviation	10.26	11.51	10.85
Sharpe Ratio	0.24	0.07	0.08
Tracking Error	2.34	-	2.11
Information Ratio	0.79	-	0.06
Up Capture Ratio	92.91	-	91.66
Down Capture Ratio	80.88	-	90.60

## Portfolio Metrics

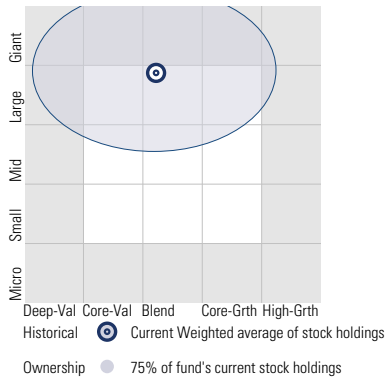
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	16.07	15.45	15.61
Price/Book Ratio	2.85	2.29	2.46
Avg Eff Duration	4.93	-	5.70

# American Funds 2015 Trgt Date Retire R6 RFJTX

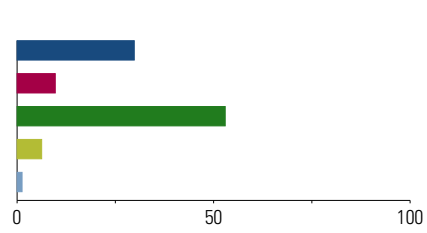
**Morningstar Category**  
Target-Date 2015

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

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

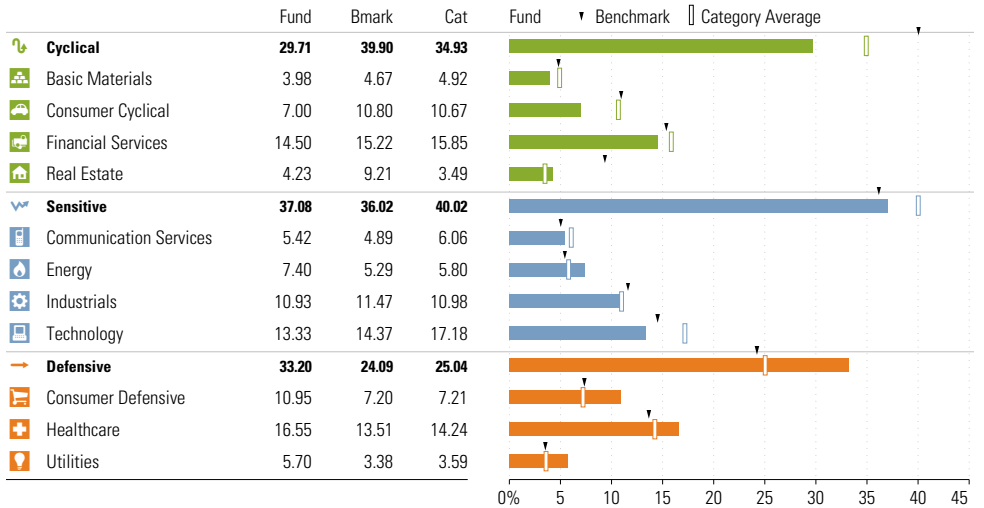


**Asset Allocation** as of 12-31-2022

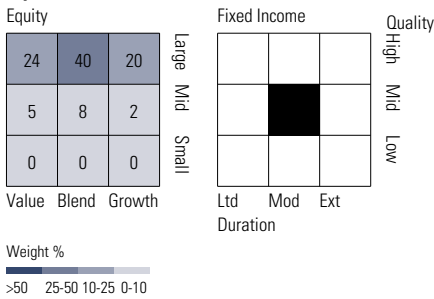


Asset Class	Net %	Cat%
US Stocks	29.81	24.54
Non-US Stocks	9.71	14.37
Bonds	52.95	51.08
Cash	6.25	4.90
Other	1.26	5.10
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

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



**Style Breakdown**



**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 R6 RRCTX

**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

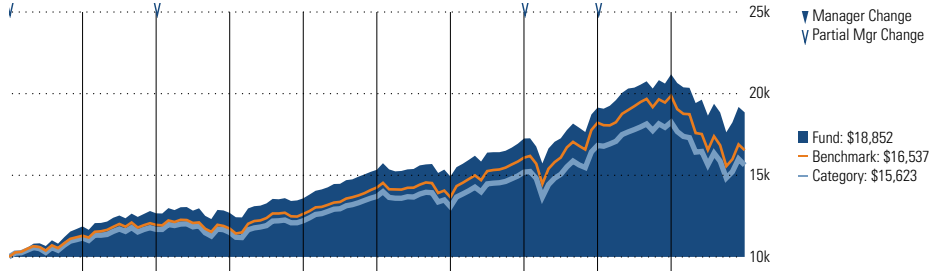
✔ **Performance:** The fund has finished in the Target-Date 2020 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **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 0.3 is 48.28% lower than the Target-Date 2020 category average.

## Growth of \$10,000



Year	2013	2014	2015	2016	2017	2018	2019	2020	2021	YTD	History
Total Return %	18.71	6.74	0.19	7.05	12.87	-2.69	15.59	10.99	10.64	-11.01	
+/- Benchmark	5.73	0.87	2.07	-0.61	0.08	1.47	-2.14	-2.33	1.60	5.76	
+/- Category	7.14	2.02	1.76	0.82	0.41	1.80	-0.55	0.20	2.19	3.40	
Tot Ret % Rank in Cat	1	3	4	25	47	4	69	62	4	1	
# of Funds in Cat	235	220	249	237	248	256	241	183	177	153	
Turnover %	3	4	8	5	1	2	2	13	20	15	
Expense Ratio	-	-	-	-	-	-	-	-	-	-	

## Morningstar Investment Management LLC Analysis

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## ESG Metrics

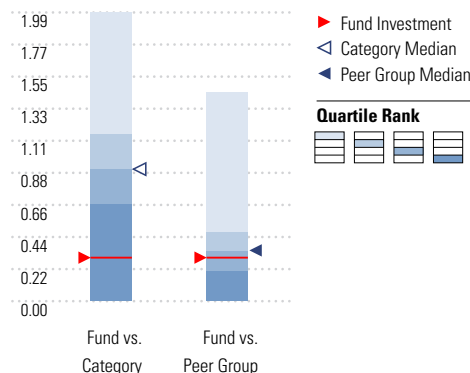
Metric	Rating	Updated
Sustainability Rating	2	01-31-2023

## Trailing Performance



Period	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Metric
Fund Return %	6.90	-11.01	3.00	4.21	6.55	8.17	Fund Return %
Benchmark Return %	6.31	-16.77	0.94	3.02	5.16	5.93	Benchmark Return %
Category Average %	5.34	-14.41	1.14	2.92	5.44	-	Category Average %
% Rank in Category	1	1	1	1	1	-	% Rank in Category
# of Funds in Category	155	153	143	122	56	-	# of Funds in Category

## Net Expense



Comparison	Percentile	Rank
Fund vs. Category	21	34/163
Fund vs. Peer Group	40	132/330

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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	2.08	-	0.27
Beta	0.84	-	0.91
R-Squared	97.32	-	96.66
Standard Deviation	10.77	12.59	11.69
Sharpe Ratio	0.25	0.07	0.08
Tracking Error	2.64	-	2.49
Information Ratio	0.78	-	0.13
Up Capture Ratio	90.03	-	90.94
Down Capture Ratio	77.73	-	89.35

## Portfolio Metrics

Metric	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

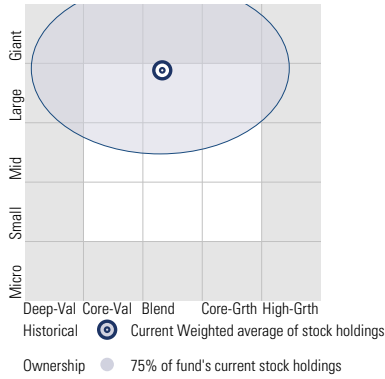
# American Funds 2020 Trgt Date Retire R6 RRCTX

**Morningstar Category**  
Target-Date 2020

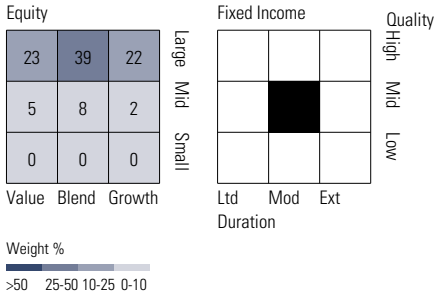
**Morningstar Index**  
Morningstar Lifetime Mod 2020 TR USD

## Style Analysis as of 12-31-2022

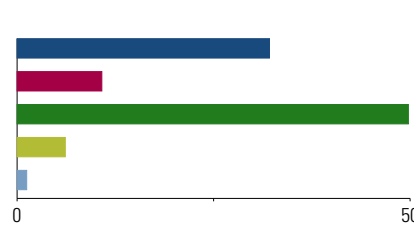
Morningstar Style Box™



## Style Breakdown

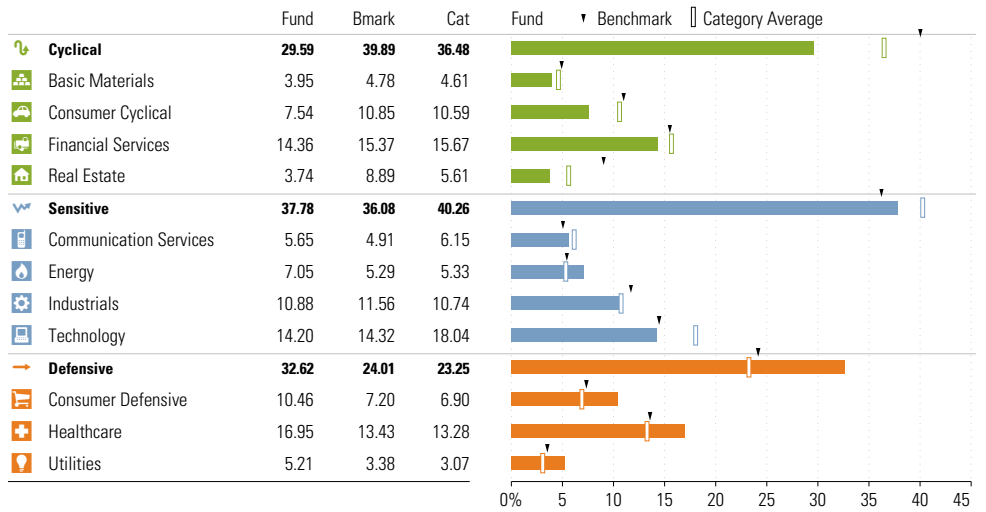


## Asset Allocation as of 12-31-2022



Asset Class	Net %	Cat%
US Stocks	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 Interm 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 R6 RFDTX

**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

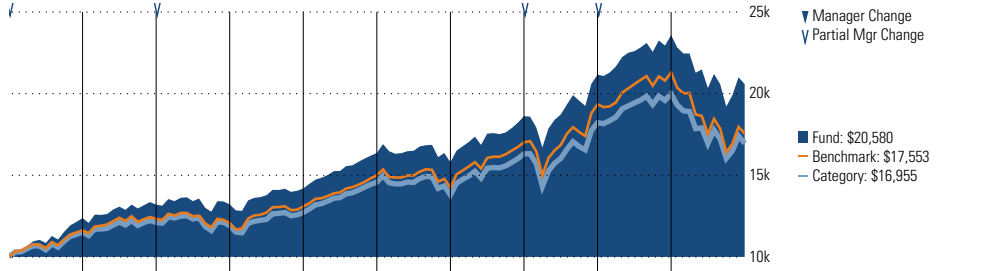
✔ **Performance:** The fund has finished in the Target-Date 2025 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **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 0.32 is 50% lower than the Target-Date 2025 category average.

## Growth of \$10,000



2013	2014	2015	2016	2017	2018	2019	2020	2021	YTD	History
23.76	6.66	0.13	7.36	15.33	-3.47	17.85	13.67	11.44	-12.74	Total Return %
7.48	0.62	2.19	-1.03	0.79	1.43	-1.51	0.00	1.34	4.84	+/- Benchmark
8.46	1.59	1.72	0.63	0.66	1.87	-0.40	1.83	1.69	2.45	+/- Category
1	11	3	28	38	2	68	27	17	8	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

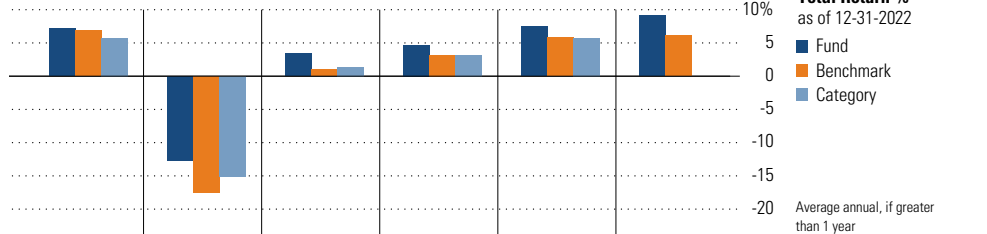
## Morningstar Investment Management LLC Analysis

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

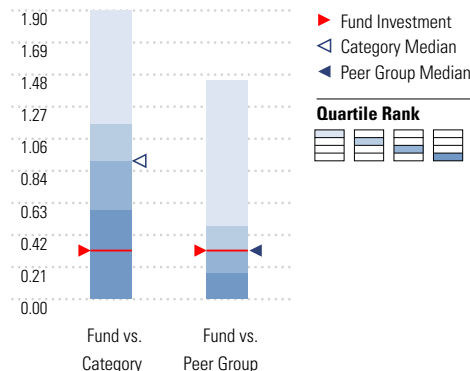
Metric	Rating	Updated
Sustainability Rating	2	01-31-2023
Carbon Risk Score	Low Risk	06-30-2022

## Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	
7.14	-12.74	3.40	4.69	7.48	9.11	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 %
1	8	1	1	1	-	% Rank in Category
241	239	214	185	117	-	# of Funds in Category

## Net Expense



	Percentile	Rank
Fund vs. Category	18	43/234
Fund vs. Peer Group	49	241/493

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	2.35	-	0.42
Beta	0.87	-	0.91
R-Squared	97.97	-	97.41
Standard Deviation	12.08	13.79	12.71
Sharpe Ratio	0.26	0.08	0.10
Tracking Error	2.51	-	2.57
Information Ratio	0.94	-	0.20
Up Capture Ratio	95.01	-	92.41
Down Capture Ratio	82.40	-	90.14

## Portfolio Metrics

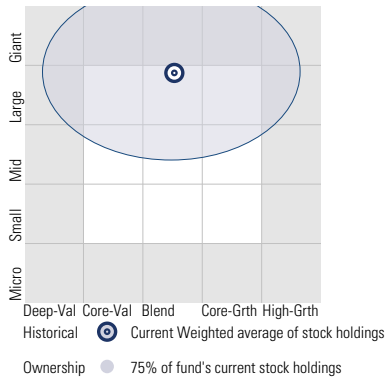
	Fund	Bmark	Cat
Price/Earnings Ratio	16.76	15.14	15.55
Price/Book Ratio	2.98	2.24	2.39
Avg Eff Duration	5.24	-	-

# American Funds 2025 Trgt Date Retire R6 RFDTX

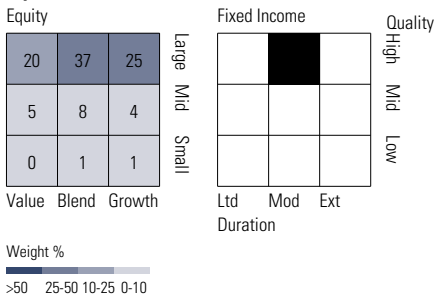
**Morningstar Category**  
Target-Date 2025

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

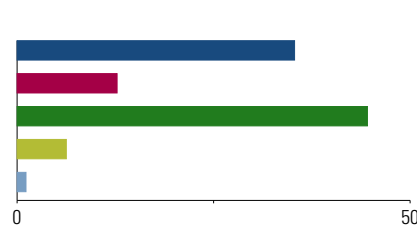
**Style Analysis** as of 12-31-2022  
Morningstar Style Box™



**Style Breakdown**

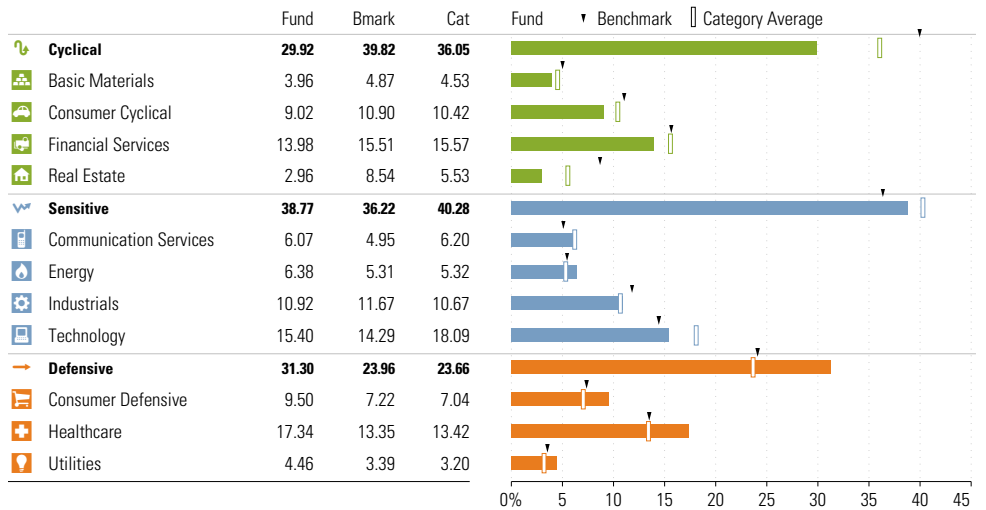


**Asset Allocation** as of 12-31-2022



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 R6 RFETX

**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

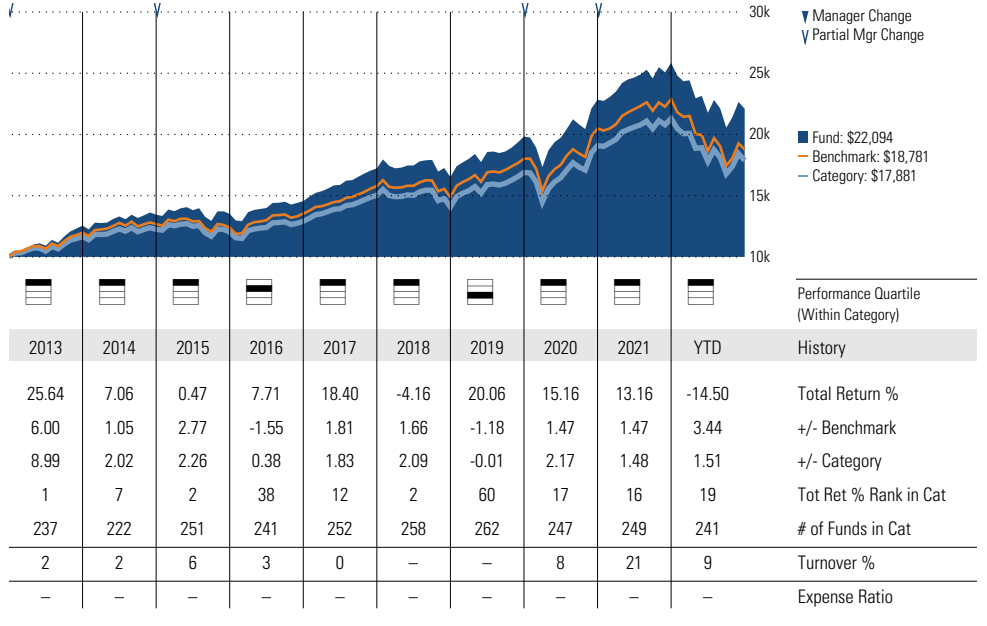
✔ **Performance:** The fund has finished in the Target-Date 2030 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **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 0.33 is 49.23% lower than the Target-Date 2030 category average.

## Growth of \$10,000



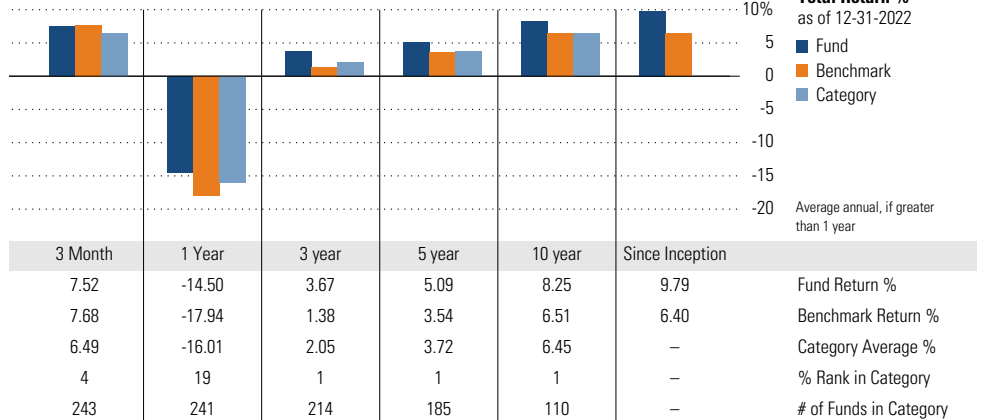
## Morningstar Investment Management LLC Analysis

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

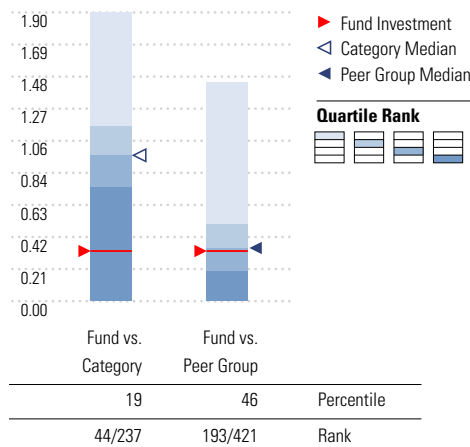
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	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	2.27	-	0.68
Beta	0.90	-	0.94
R-Squared	98.51	-	98.23
Standard Deviation	13.86	15.26	14.47
Sharpe Ratio	0.27	0.11	0.15
Tracking Error	2.26	-	2.29
Information Ratio	1.01	-	0.32
Up Capture Ratio	98.46	-	96.78
Down Capture Ratio	87.50	-	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	-	-

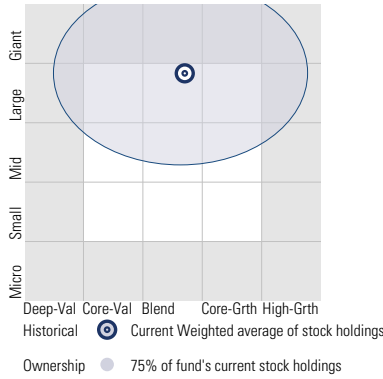
# American Funds 2030 Trgt Date Retire R6 RFETX

**Morningstar Category**  
Target-Date 2030

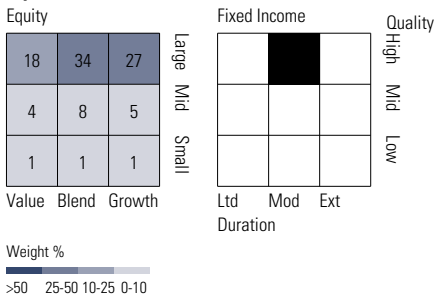
**Morningstar Index**  
Morningstar Lifetime Mod 2030 TR USD

## Style Analysis as of 12-31-2022

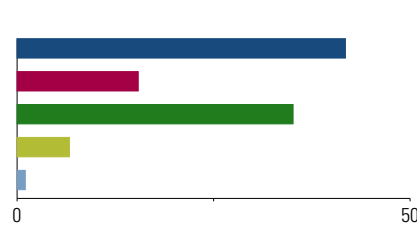
Morningstar Style Box™



## Style Breakdown

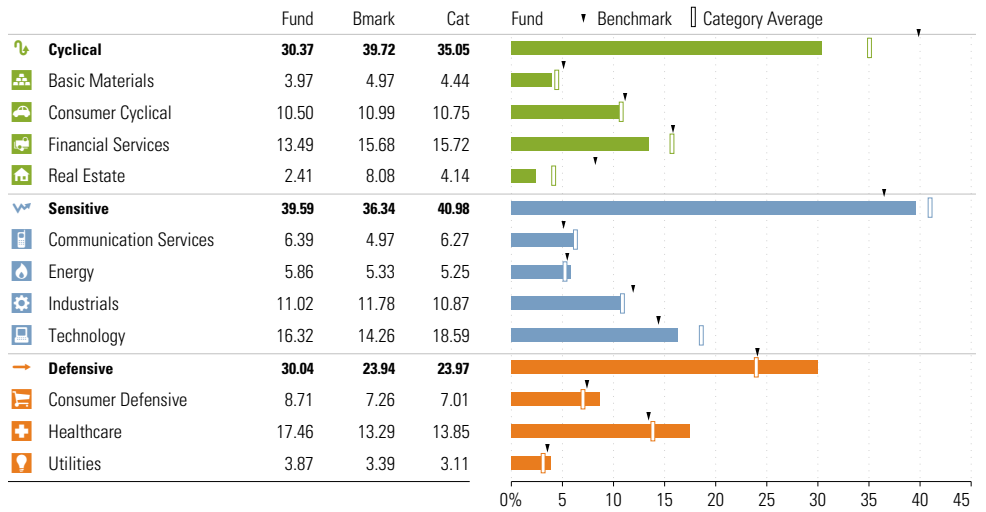


## Asset Allocation as of 12-31-2022



Asset Class	Net %	Cat%
US Stocks	41.77	36.59
Non-US Stocks	15.41	17.80
Bonds	35.11	31.05
Cash	6.65	2.53
Other	1.04	12.02
<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	-	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 R6 RFFTX

**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  
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

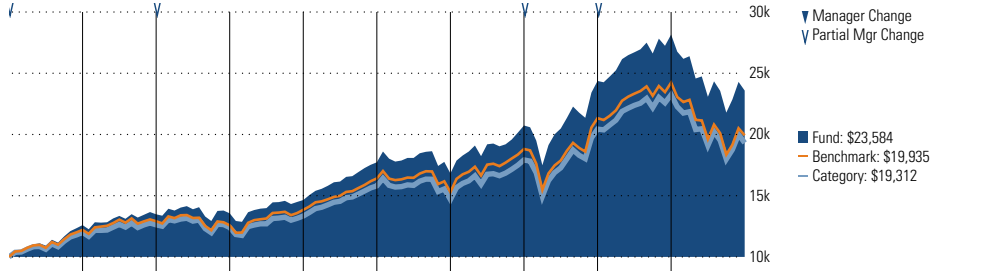
✔ **Performance:** The fund has finished in the Target-Date 2035 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **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 0.35 is 46.97% lower than the Target-Date 2035 category average.

## Growth of \$10,000



2013	2014	2015	2016	2017	2018	2019	2020	2021	YTD	History
25.97	7.02	0.59	8.00	21.04	-5.14	23.29	17.55	15.54	-16.24	Total Return %
3.94	1.22	3.17	-2.07	2.52	1.68	0.25	4.17	1.91	1.51	+/- Benchmark
5.97	1.78	2.35	0.43	2.61	1.90	1.25	3.51	1.78	0.68	+/- Category
1	11	1	41	3	6	21	5	11	24	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

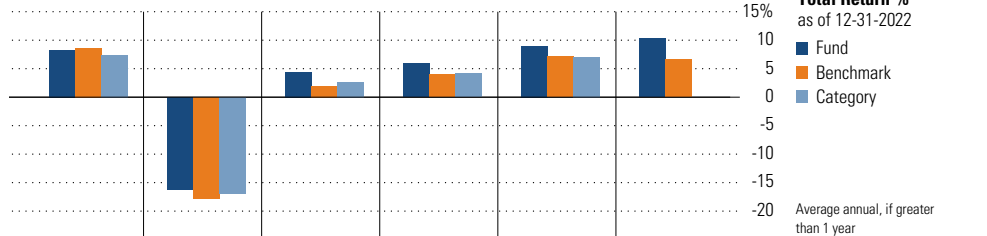
## Morningstar Investment Management LLC Analysis

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

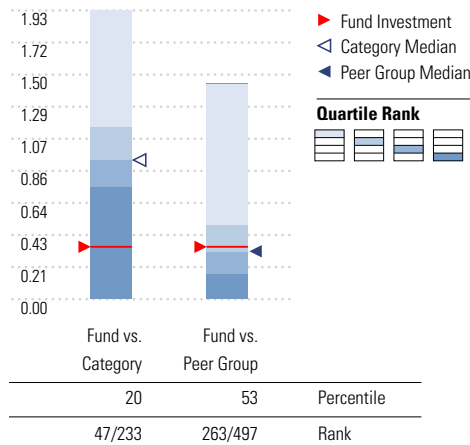
Metric	Rating	Updated
Sustainability Rating	2	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022

## Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	
8.26	-16.24	4.39	5.88	8.96	10.33	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 %
14	24	1	1	1	-	% 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	2.40	-	0.75
Beta	0.95	-	0.96
R-Squared	98.82	-	98.60
Standard Deviation	16.21	16.88	16.36
Sharpe Ratio	0.29	0.15	0.19
Tracking Error	1.92	-	2.15
Information Ratio	1.27	-	0.38
Up Capture Ratio	103.37	-	99.09
Down Capture Ratio	93.07	-	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	-	-

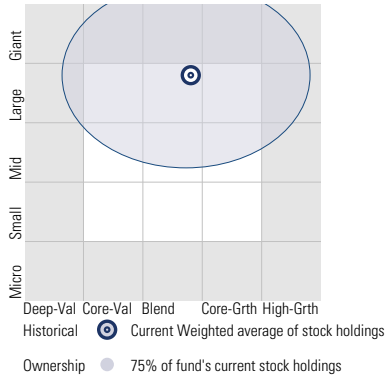
# American Funds 2035 Trgt Date Retire R6 RFFTX

**Morningstar Category**  
Target-Date 2035

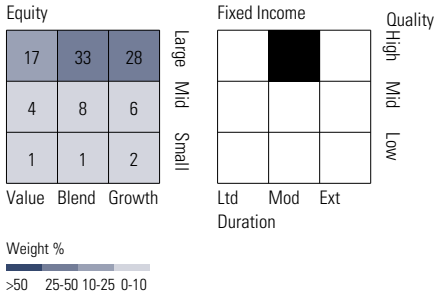
**Morningstar Index**  
Morningstar Lifetime Mod 2035 TR USD

## Style Analysis as of 12-31-2022

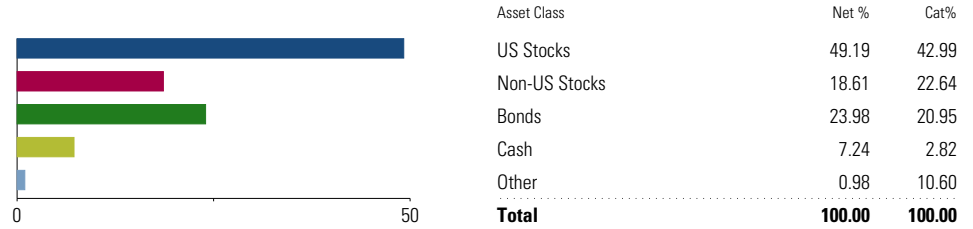
Morningstar Style Box™



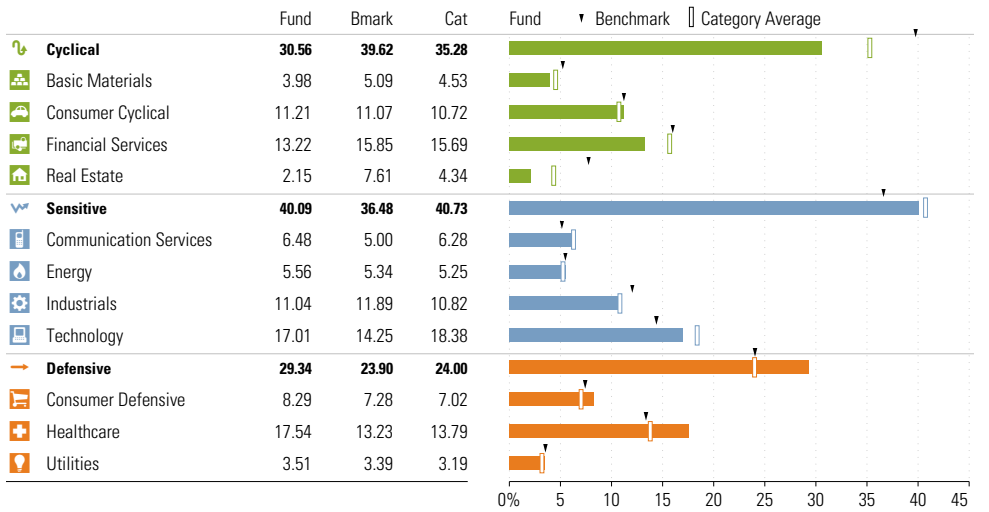
## Style Breakdown



## 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 R6 RFGTX

**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

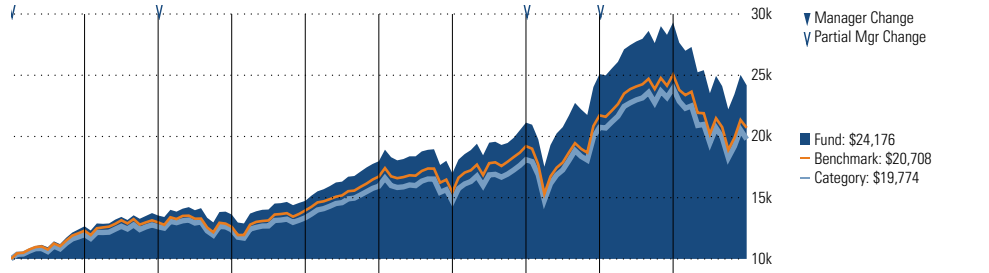
✔ **Performance:** The fund has finished in the Target-Date 2040 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **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 0.36 is 46.27% lower than the Target-Date 2040 category average.

## Growth of \$10,000



2013	2014	2015	2016	2017	2018	2019	2020	2021	YTD	History
26.66	6.96	0.58	8.17	21.98	-5.52	24.40	18.77	16.83	-17.55	Total Return %
3.61	1.45	3.41	-2.44	2.11	2.13	0.05	5.68	1.48	-0.18	+/- Benchmark
6.69	1.71	2.57	0.22	2.46	2.22	1.21	4.21	1.36	-0.23	+/- Category
1	15	1	39	6	4	28	4	16	43	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

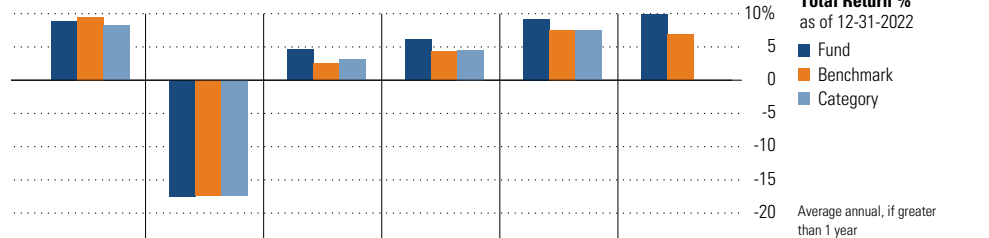
## Morningstar Investment Management LLC Analysis

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

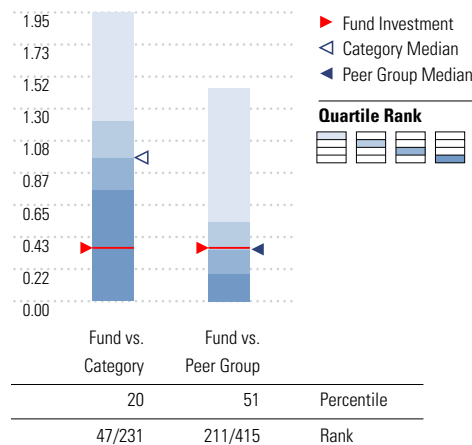
Metric	Rating	Updated
Sustainability Rating	2	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022

## Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	
8.82	-17.55	4.59	6.10	9.23	9.92	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 %
23	43	1	1	1	-	% 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	2.04	-	0.66
Beta	0.96	-	0.97
R-Squared	98.66	-	98.66
Standard Deviation	17.62	18.32	17.80
Sharpe Ratio	0.29	0.18	0.21
Tracking Error	2.20	-	2.24
Information Ratio	0.93	-	0.32
Up Capture Ratio	102.48	-	99.40
Down Capture Ratio	94.51	-	96.89

## Portfolio Metrics

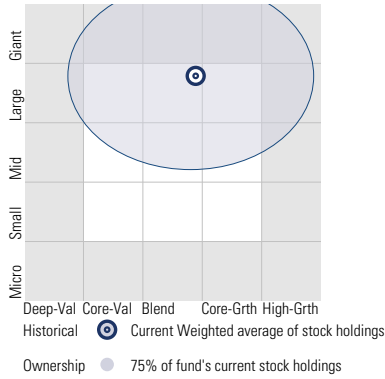
	Fund	Bmark	Cat
Price/Earnings Ratio	17.57	14.67	15.50
Price/Book Ratio	3.15	2.15	2.39
Avg Eff Duration	5.63	-	-

# American Funds 2040 Trgt Date Retire R6 RFGTX

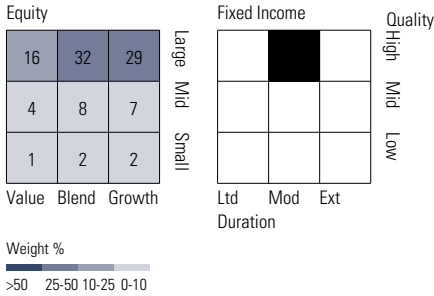
**Morningstar Category**  
Target-Date 2040

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

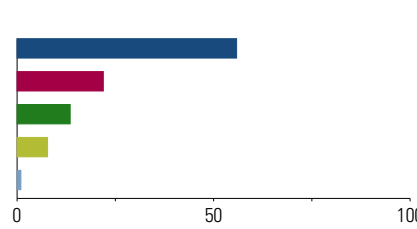
**Style Analysis** as of 12-31-2022  
Morningstar Style Box™



**Style Breakdown**

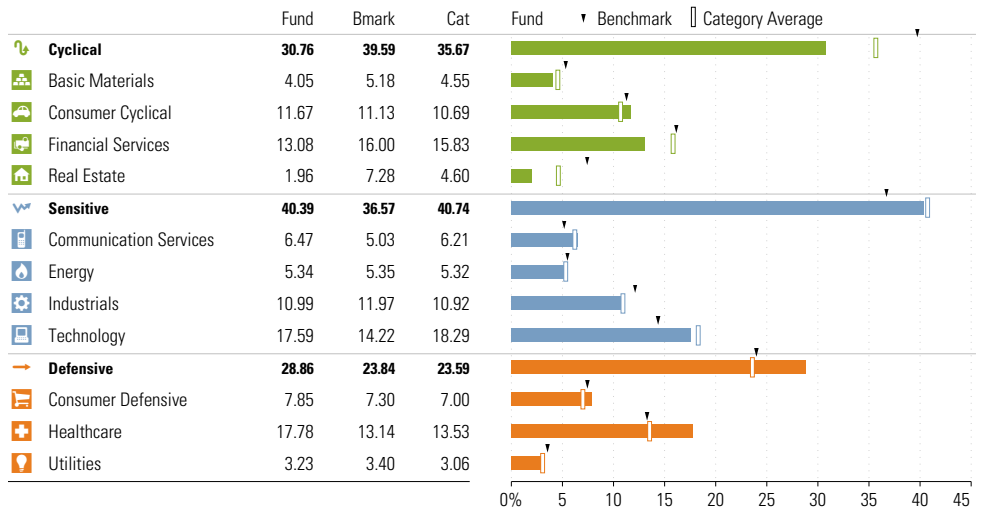


**Asset Allocation** as of 12-31-2022



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 R6 RFHTX

**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  
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

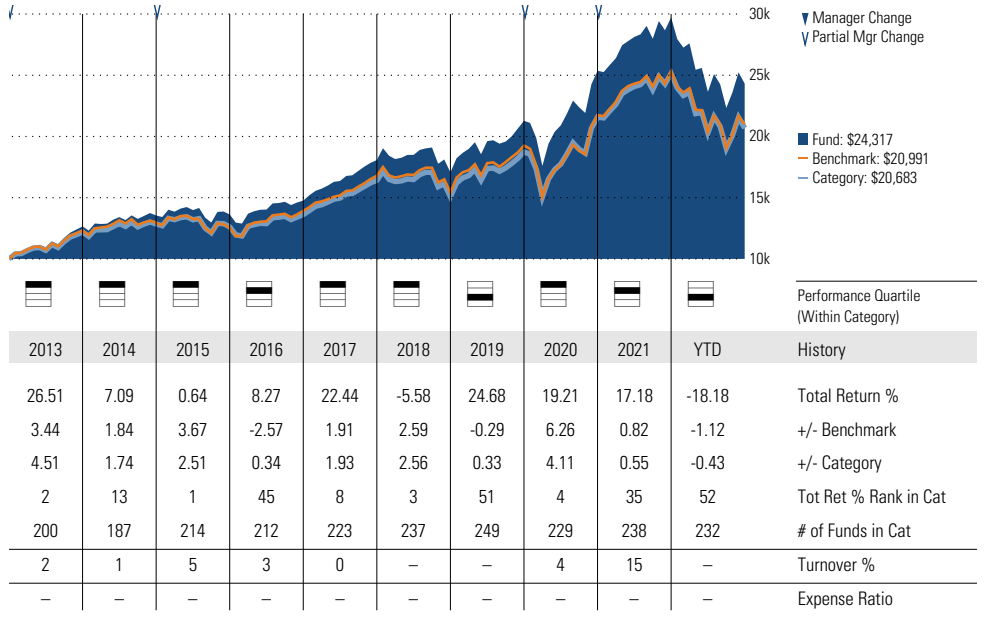
✔ **Performance:** The fund has finished in the Target-Date 2045 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **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 0.37 is 44.78% lower than the Target-Date 2045 category average.

## Growth of \$10,000



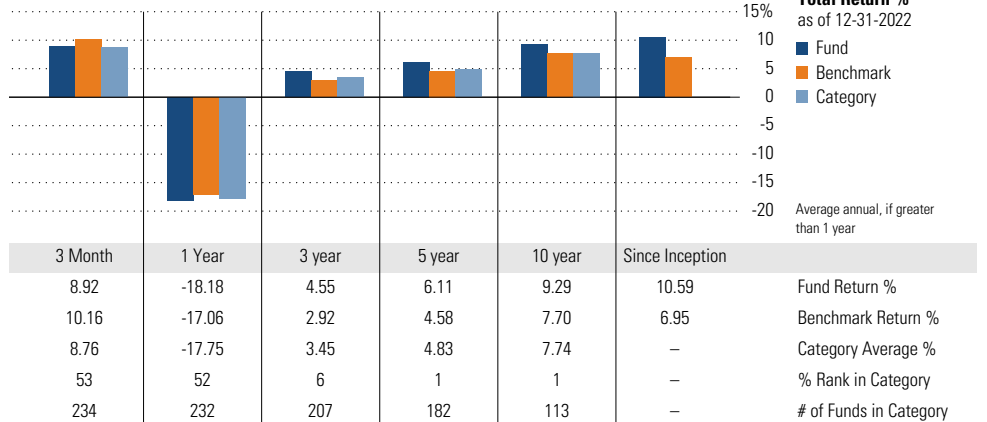
## Morningstar Investment Management LLC Analysis

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.

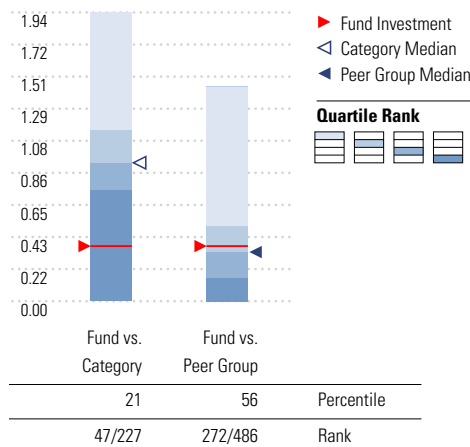
## ESG Metrics

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	1.68	-	0.60
Beta	0.93	-	0.97
R-Squared	98.30	-	98.58
Standard Deviation	18.05	19.22	18.72
Sharpe Ratio	0.29	0.20	0.23
Tracking Error	2.70	-	2.33
Information Ratio	0.61	-	0.27
Up Capture Ratio	99.47	-	99.79
Down Capture Ratio	93.26	-	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	-	-

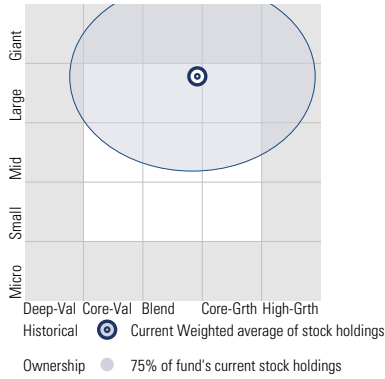
# American Funds 2045 Trgt Date Retire R6 RFHTX

**Morningstar Category**  
Target-Date 2045

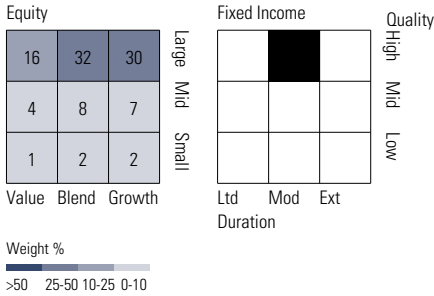
**Morningstar Index**  
Morningstar Lifetime Mod 2045 TR USD

## Style Analysis as of 12-31-2022

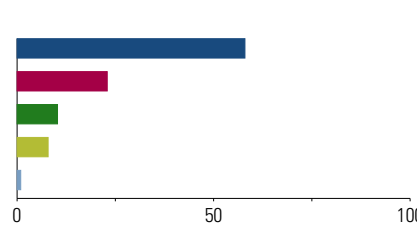
Morningstar Style Box™



## Style Breakdown

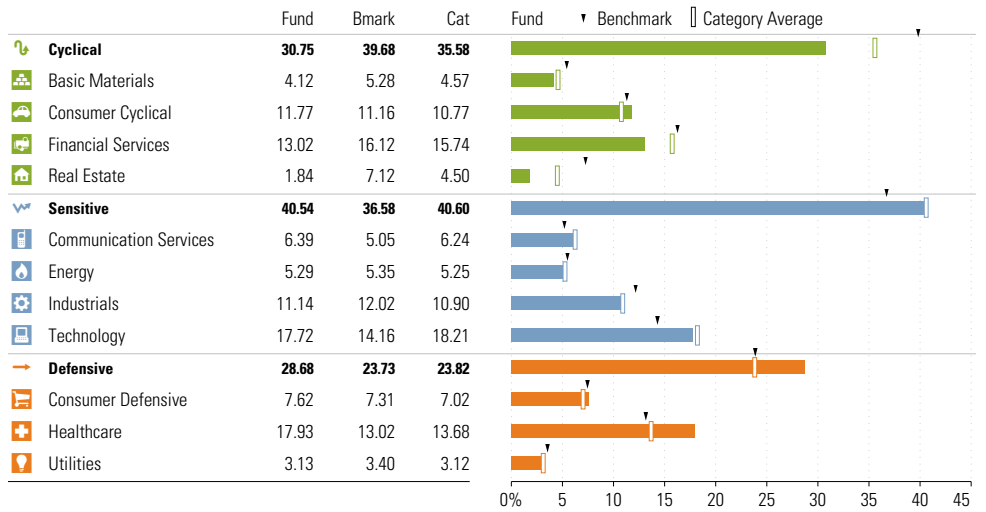


## Asset Allocation as of 12-31-2022



Asset Class	Net %	Cat%
US Stocks	57.97	51.87
Non-US Stocks	22.93	28.18
Bonds	10.28	7.40
Cash	7.89	2.14
Other	0.92	10.41
<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 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 R6 RFITX

**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

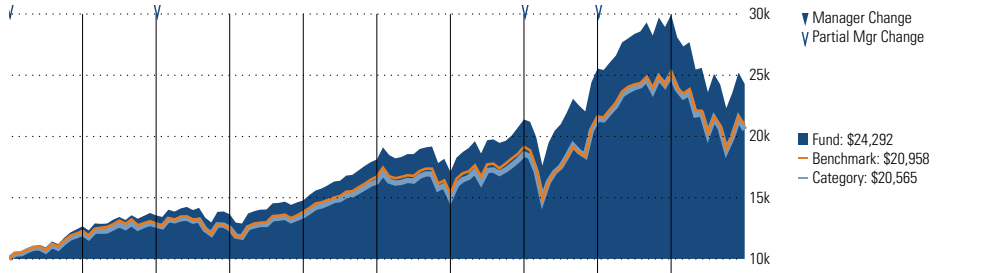
✔ **Performance:** The fund has finished in the Target-Date 2050 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **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 — 70 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.38 is 44.12% lower than the Target-Date 2050 category average.

## Growth of \$10,000



2013	2014	2015	2016	2017	2018	2019	2020	2021	YTD	History
26.65	7.02	0.65	8.33	22.61	-5.61	25.04	19.42	17.27	-18.89	Total Return %
3.82	2.02	3.84	-2.56	1.83	2.80	-0.05	6.51	0.67	-1.98	+/- Benchmark
5.63	1.60	2.66	0.11	1.94	2.80	0.50	4.17	0.15	-0.91	+/- Category
1	18	1	43	8	3	43	6	43	71	Tot Ret % Rank in Cat
222	211	240	233	248	258	262	240	241	233	# of Funds in Cat
2	1	6	2	0	-	-	4	14	2	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

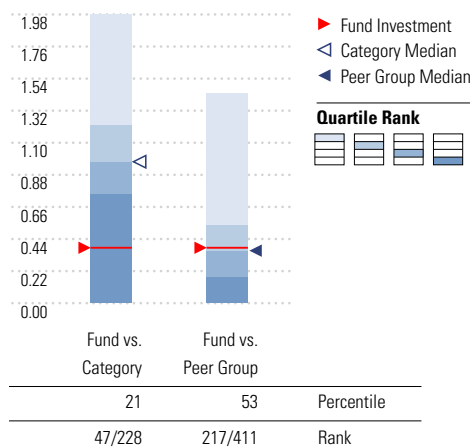
Metric	Rating	Updated
Sustainability Rating	2	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022

## Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	
8.88	-18.89	4.34	6.04	9.28	10.58	Fund Return %
10.49	-16.91	3.04	4.62	7.68	6.98	Benchmark Return %
9.04	-17.98	3.54	4.88	7.82	-	Category Average %
73	71	7	1	1	-	% Rank in Category
235	233	208	185	109	-	# 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	1.37	-	0.54
Beta	0.93	-	0.97
R-Squared	97.95	-	98.50
Standard Deviation	18.35	19.56	19.14
Sharpe Ratio	0.27	0.21	0.23
Tracking Error	2.97	-	2.37
Information Ratio	0.44	-	0.23
Up Capture Ratio	98.96	-	100.31
Down Capture Ratio	94.05	-	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	-	-

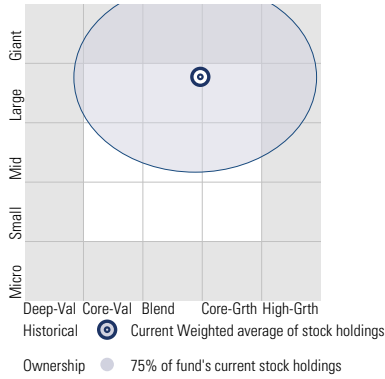
# American Funds 2050 Trgt Date Retire R6 RFITX

**Morningstar Category**  
Target-Date 2050

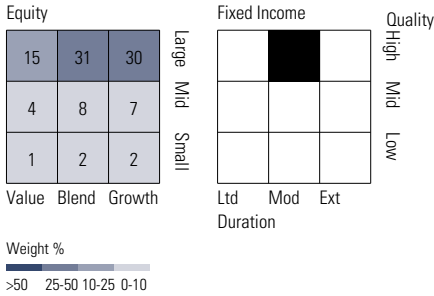
**Morningstar Index**  
Morningstar Lifetime Mod 2050 TR  
USD

## Style Analysis as of 12-31-2022

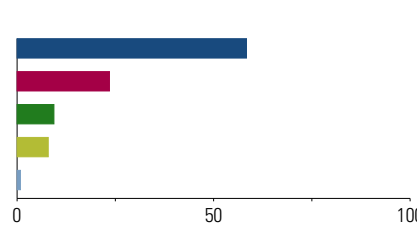
Morningstar Style Box™



## Style Breakdown

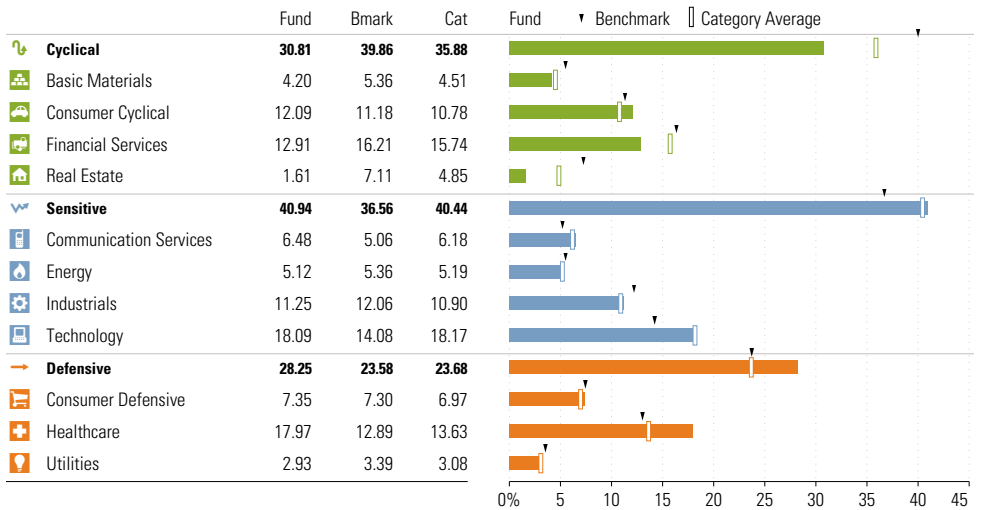


## Asset Allocation as of 12-31-2022



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 R6 RFKTX

**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

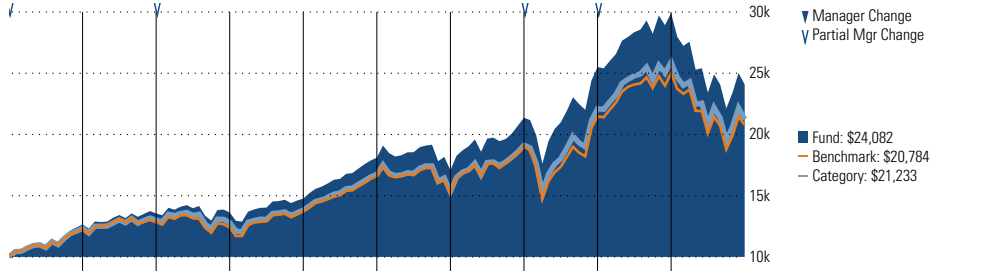
✔ **Performance:** The fund has finished in the Target-Date 2055 category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **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 0.38 is 44.12% lower than the Target-Date 2055 category average.

## Growth of \$10,000



2013	2014	2015	2016	2017	2018	2019	2020	2021	YTD	History
26.59	7.01	0.63	8.30	22.63	-5.65	25.09	19.39	17.28	-19.50	Total Return %
4.10	2.27	3.97	-2.60	1.68	2.92	0.04	6.48	0.78	-2.57	+/- Benchmark
3.45	1.52	2.34	0.30	1.55	2.79	0.18	3.92	-0.02	-1.42	+/- Category
1	20	1	45	6	3	45	5	48	89	Tot Ret % Rank in Cat
148	153	205	209	221	237	249	227	236	230	# of Funds in Cat
6	2	6	3	1	-	-	3	14	3	Turnover %
-	-	-	-	-	-	-	-	-	-	Expense Ratio

## 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

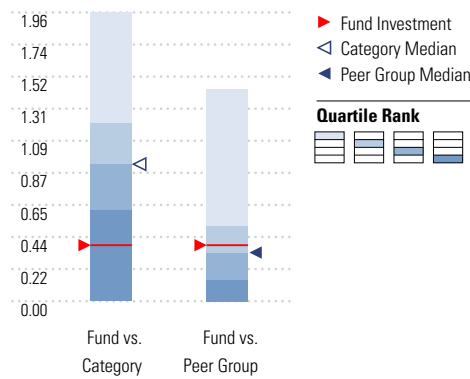
Metric	Rating	Updated
Sustainability Rating	2	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022

## Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	
8.82	-19.50	4.07	5.87	9.19	9.39	Fund Return %
10.59	-16.93	3.00	4.55	7.59	6.94	Benchmark Return %
9.13	-18.08	3.59	4.93	7.90	-	Category Average %
78	89	19	4	1	-	% Rank in Category
232	230	205	182	95	-	# of Funds in Category

## Net Expense



	21	57	Percentile
	48/227	277/486	Rank

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	1.15	-	0.60
Beta	0.93	-	0.97
R-Squared	97.68	-	98.44
Standard Deviation	18.46	19.64	19.28
Sharpe Ratio	0.26	0.20	0.23
Tracking Error	3.14	-	2.41
Information Ratio	0.34	-	0.25
Up Capture Ratio	98.88	-	100.91
Down Capture Ratio	94.83	-	98.86

## Portfolio Metrics

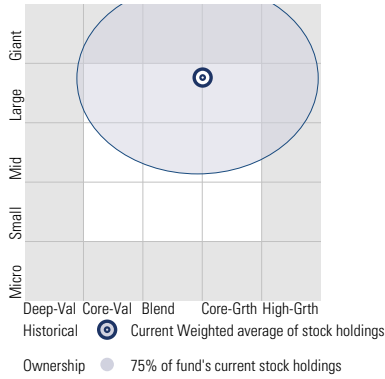
	Fund	Bmark	Cat
Price/Earnings Ratio	17.83	14.31	15.34
Price/Book Ratio	3.22	2.08	2.33
Avg Eff Duration	6.09	-	-

# American Funds 2055 Trgt Date Retire R6 RFKTX

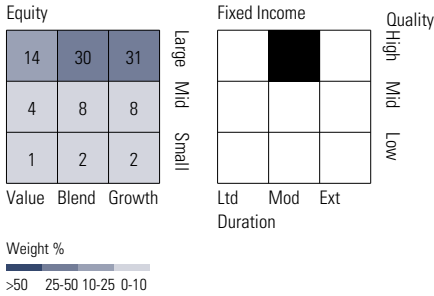
**Morningstar Category**  
Target-Date 2055

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

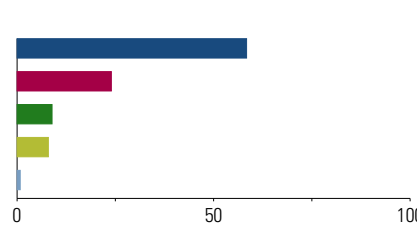
**Style Analysis** as of 12-31-2022  
Morningstar Style Box™



**Style Breakdown**

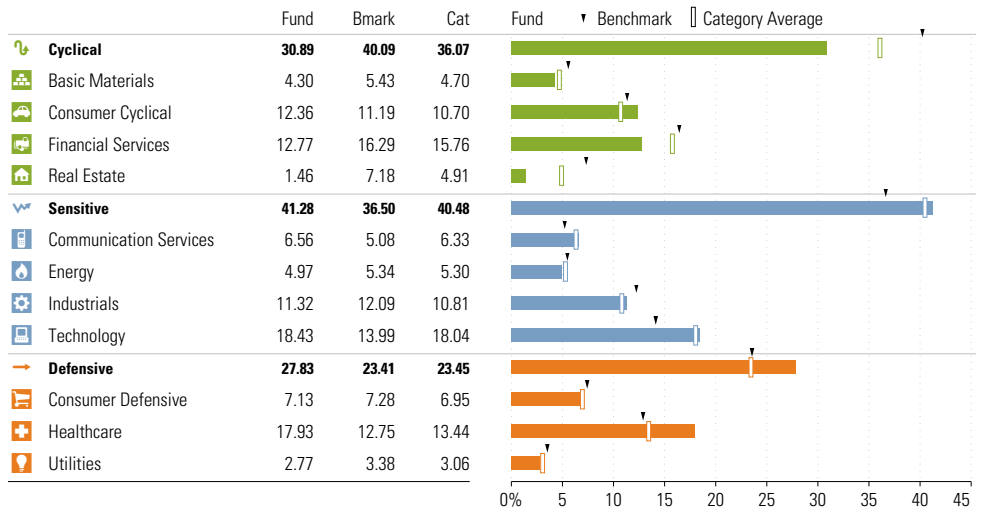


**Asset Allocation** as of 12-31-2022



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 R6 RFUTX

**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

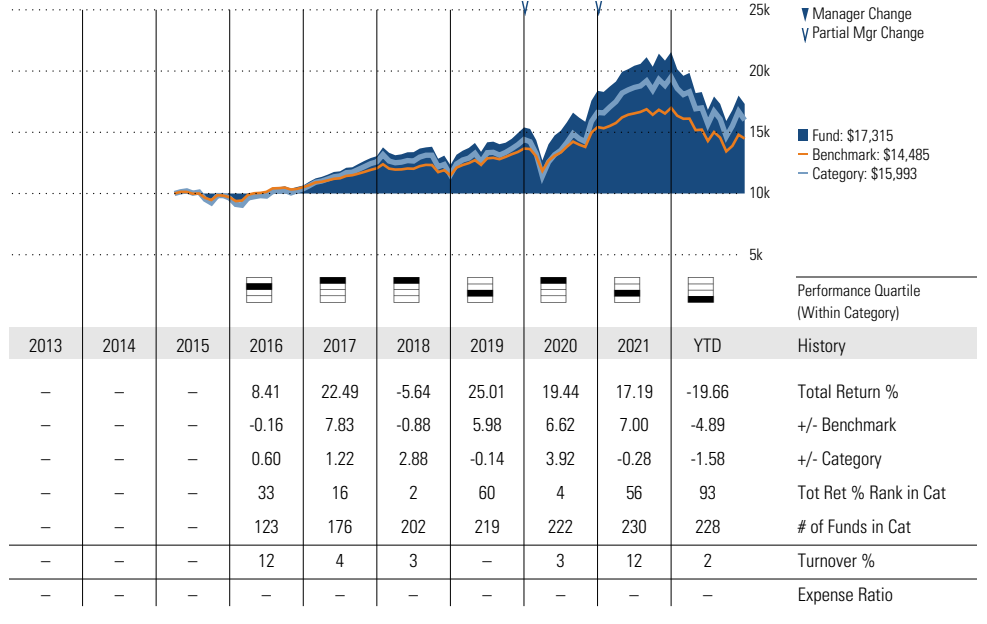
✔ **Performance:** The fund has finished in the Target-Date 2060 category's top three quartiles in 6 of the 7 years it's been in existence.

✔ **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 0.38 is 44.12% lower than the Target-Date 2060 category average.

## Growth of \$10,000



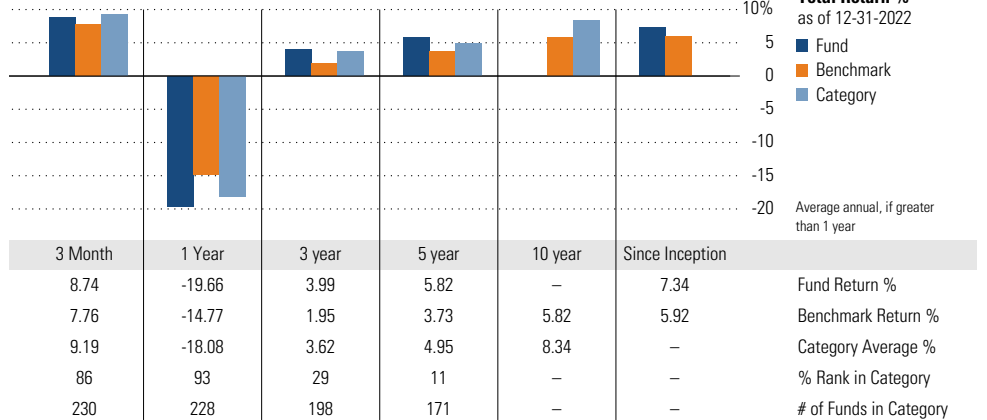
## Morningstar Investment Management LLC Analysis

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.

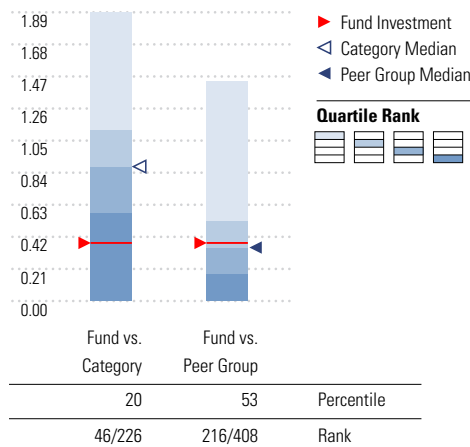
## ESG Metrics

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	1.81	-	1.40
Beta	1.32	-	1.39
R-Squared	97.57	-	97.51
Standard Deviation	18.45	13.80	19.38
Sharpe Ratio	0.26	0.15	0.23
Tracking Error	5.28	-	6.19
Information Ratio	0.39	-	0.27
Up Capture Ratio	143.48	-	147.22
Down Capture Ratio	135.22	-	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	-	-

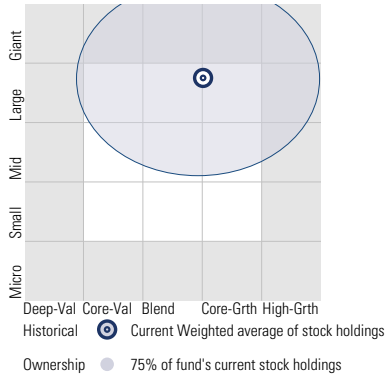
# American Funds 2060 Trgt Date Retire R6 RFUTX

**Morningstar Category**  
Target-Date 2060

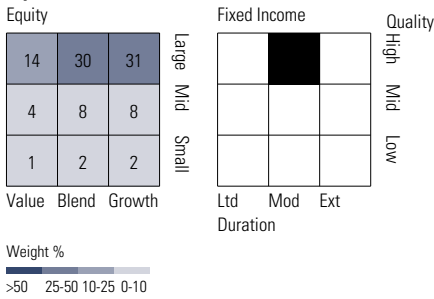
**Morningstar Index**  
Morningstar Mod Tgt Risk TR USD

## Style Analysis as of 12-31-2022

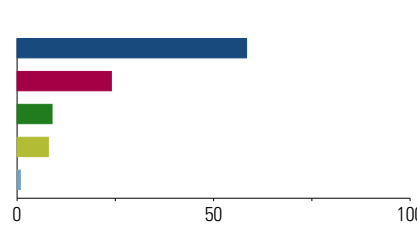
Morningstar Style Box™



## Style Breakdown

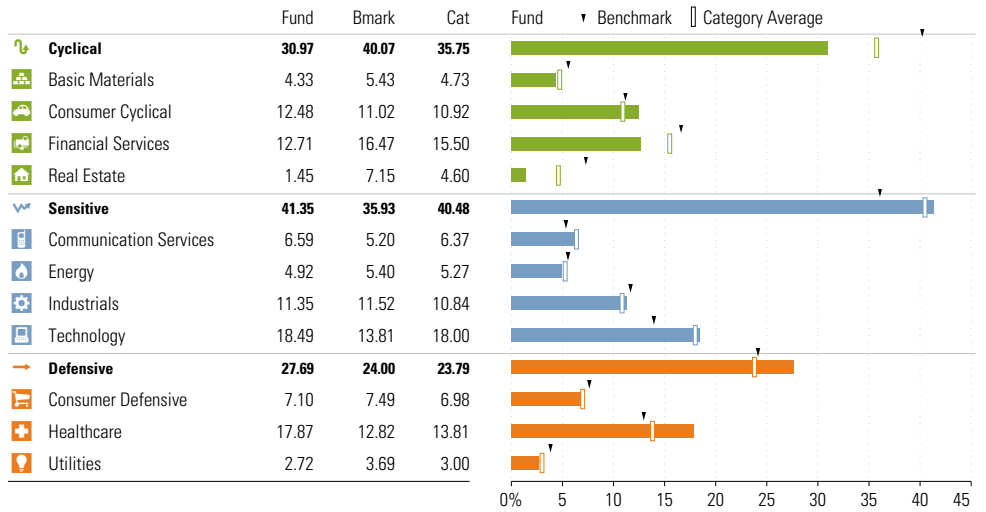


## Asset Allocation as of 12-31-2022



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 R6 RFVTX

**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 0.38 is 39.68% lower than the Target-Date 2065+ category average.

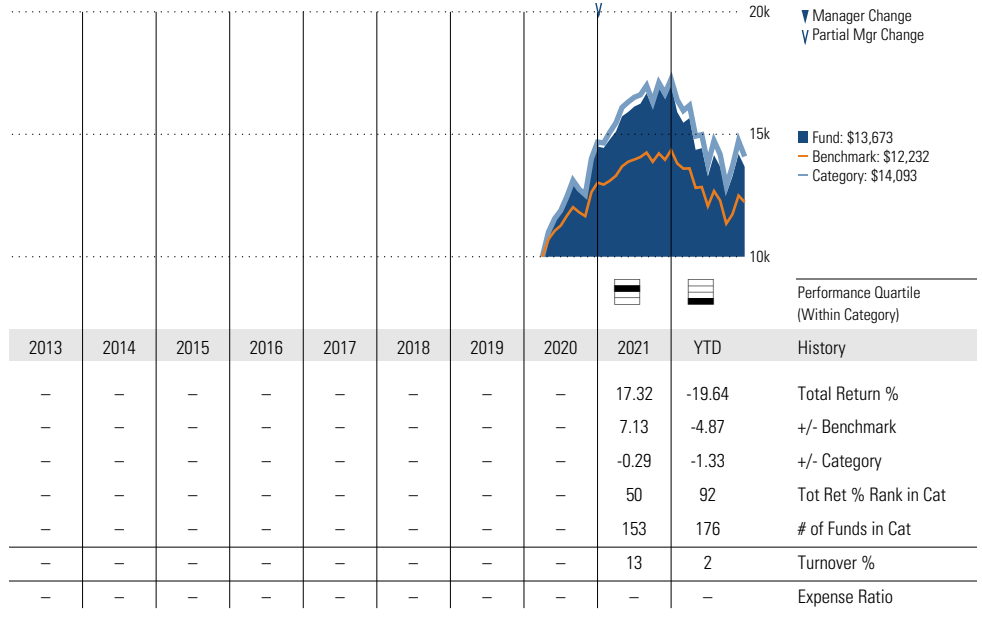
## Morningstar Investment Management LLC Analysis

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.

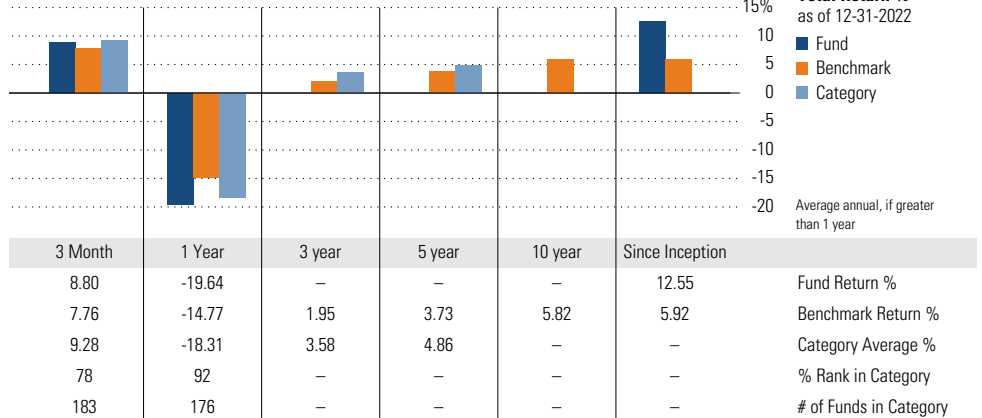
## ESG Metrics

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

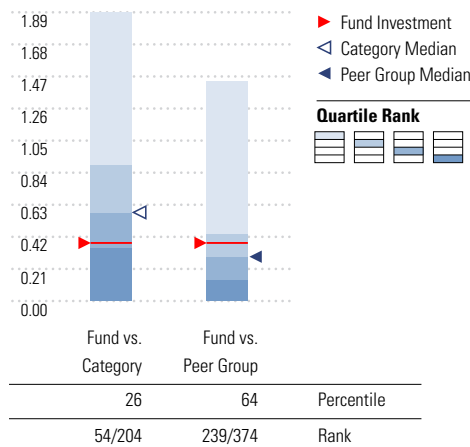
## Growth of \$10,000



## Trailing Performance



## Net Expense



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	-	-	1.46
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

Metric	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	-	-

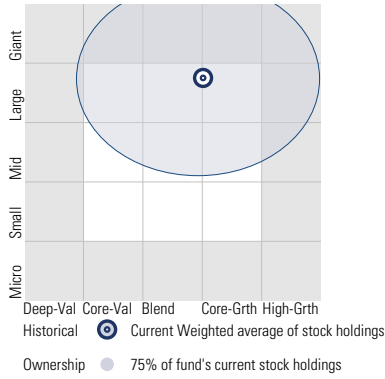
# American Funds 2065 Trgt Date Retire R6 RFVTX

**Morningstar Category**  
Target-Date 2065+

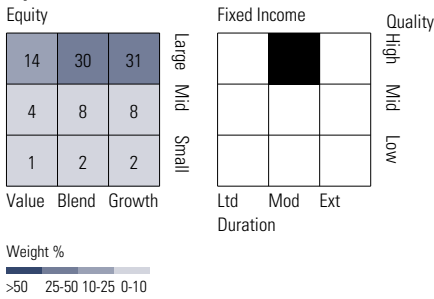
**Morningstar Index**  
Morningstar Mod Tgt Risk TR USD

## Style Analysis as of 12-31-2022

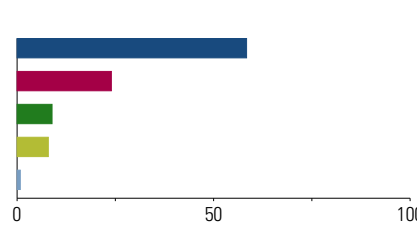
Morningstar Style Box™



## Style Breakdown

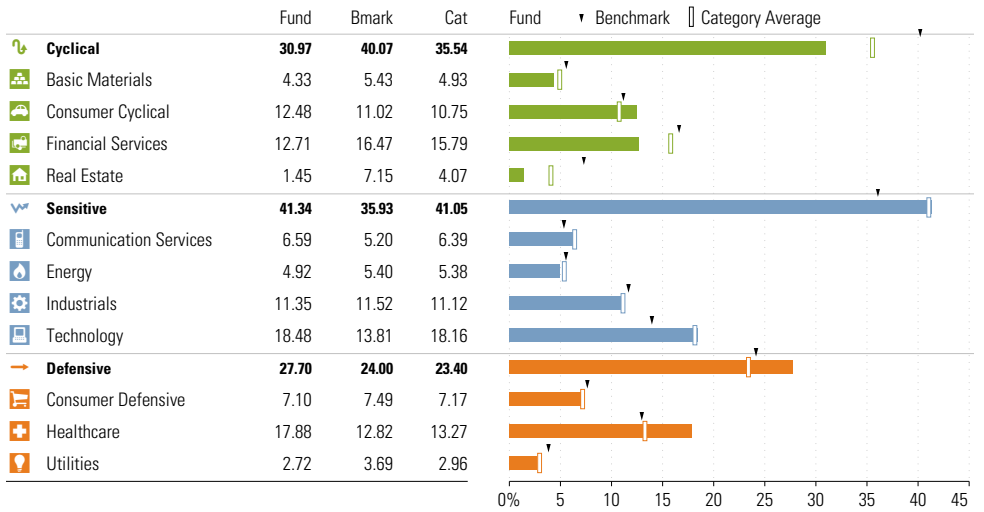


## Asset Allocation as of 12-31-2022



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 New Perspective R6 RNPGX

**Morningstar Category**  
Global Large-Stock Growth

**Morningstar Index**  
MSCI ACWI NR USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 22.1 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.41 is 61.68% lower than the Global Large-Stock Growth category average.

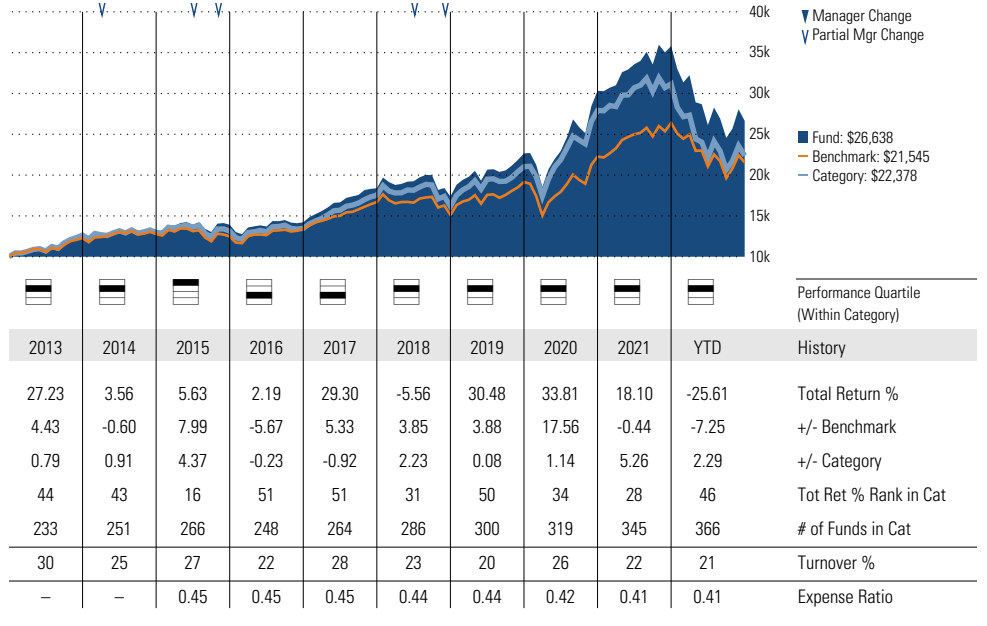
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

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

## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.39	-	-0.96
Beta	1.09	-	1.05
R-Squared	95.86	-	88.45
Standard Deviation	22.44	20.14	22.60
Sharpe Ratio	0.31	0.25	0.20
Tracking Error	4.91	-	7.63
Information Ratio	0.31	-	-0.10
Up Capture Ratio	113.11	-	103.42
Down Capture Ratio	108.91	-	108.20

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.19	15.37	22.05
Price/Book Ratio	3.14	2.37	3.99
Geom Avg Mkt Cap \$B	91.08	87.09	104.74
ROE	26.15	25.56	25.87

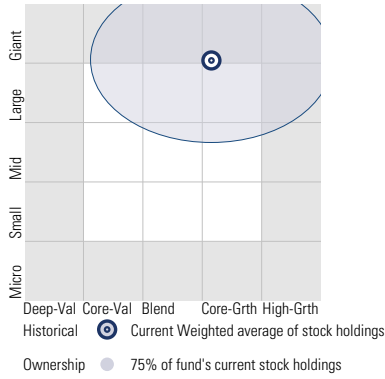
# American Funds New Perspective R6 RNP6X

**Morningstar Category**  
Global Large-Stock Growth

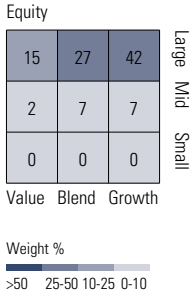
**Morningstar Index**  
MSCI ACWI NR USD

## Style Analysis as of 12-31-2022

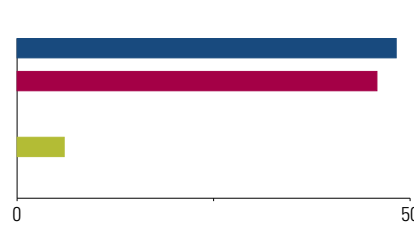
Morningstar Style Box™



## Style Breakdown

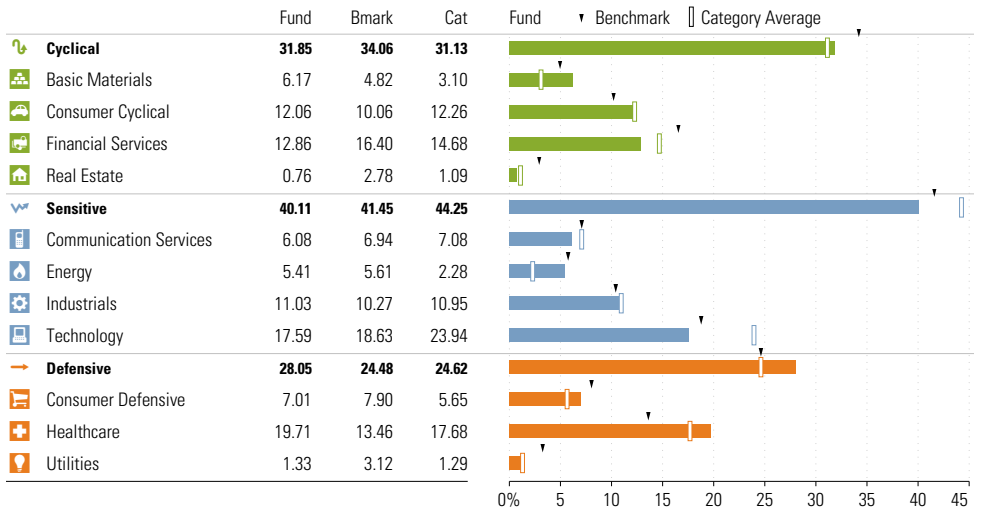


## Asset Allocation as of 12-31-2022

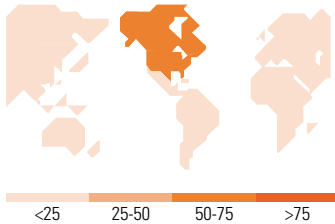


Asset Class	Net %	Cat%
US Stocks	48.23	55.63
Non-US Stocks	45.78	41.20
Bonds	0.00	0.00
Cash	5.99	2.84
Other	0.00	0.32
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## 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	12.38	14.33	Americas	56.45	60.78	Greater Europe	31.17	24.90	Developed Markets	95.03
Japan	3.41	4.39	North America	54.43	59.21	United Kingdom	5.78	4.98	Emerging Markets	4.97
Australasia	0.30	0.36	Central/Latin	2.02	1.57	W euro-ex UK	24.78	19.72	Not Available	0.00
Asia-4 Tigers	6.05	3.98				Emrgng Europe	0.00	0.02		
Asia-ex 4 Tigers	2.62	5.60				Africa	0.61	0.18		
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	6.16	6.16	-	-
Microsoft Corp	3.90	10.06	-27.94	Technology
Novo Nordisk A/S Class B	2.39	12.45	29.55	Healthcare
Taiwan Semiconductor Manufacturing Co Ltd	2.12	14.57	-25.28	Technology
Tesla Inc	1.54	16.11	-65.03	Consumer Cyclical
Eli Lilly and Co	1.49	17.60	33.86	Healthcare
AstraZeneca PLC	1.49	19.09	25.11	Healthcare
AIA Group Ltd	1.46	20.55	17.53	Financial Services
Nestle SA	1.41	21.96	-14.50	Consumer Defensive
Broadcom Inc	1.30	23.26	-13.43	Technology

**Total Holdings 298**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# American Funds New World R6 RNWGX

**Morningstar Category**  
Diversified Emerging Mkts

**Morningstar Index**  
MSCI EM NR USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 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 0.57 is 50.43% lower than the Diversified Emerging Mkts category average.

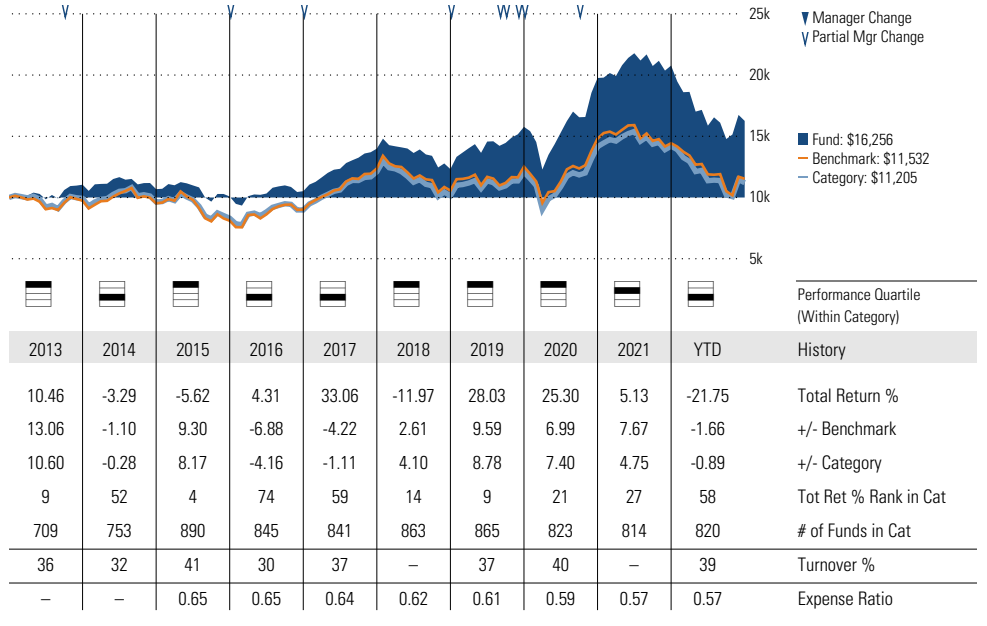
## Morningstar Investment Management LLC Analysis

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.

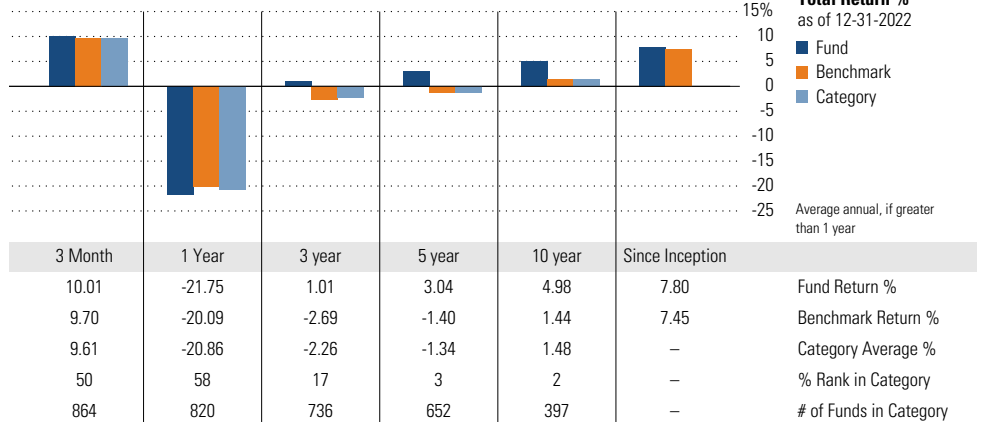
## ESG Metrics

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

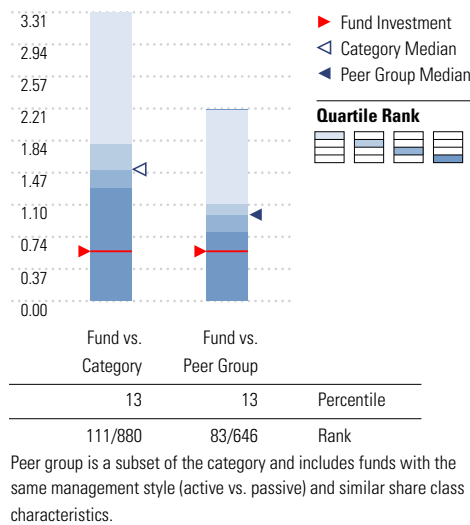
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	3.65	-	0.18
Beta	0.90	-	1.00
R-Squared	82.26	-	88.98
Standard Deviation	20.37	20.55	21.86
Sharpe Ratio	0.11	-0.07	-0.06
Tracking Error	8.83	-	7.01
Information Ratio	0.42	-	-0.06
Up Capture Ratio	102.25	-	102.04
Down Capture Ratio	88.61	-	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 R6 RNWGX

**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

# American Funds Washington Mutual R6 RWMGX

**Morningstar Category**  
Large Blend

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

## Portfolio Manager(s)

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

## Quantitative Screens

- Performance:** The fund has finished in the Large Blend category's top three quartiles in 8 of the 10 years it's been in existence.
- Management:** The fund's management has been in place for 25.52 years.
- Style:** The fund has landed in its primary style box — Large Blend — 30 % of the time over the past three years.
- Net Expense:** The fund's expense ratio of 0.26 is 66.23% lower than the Large Blend category average.

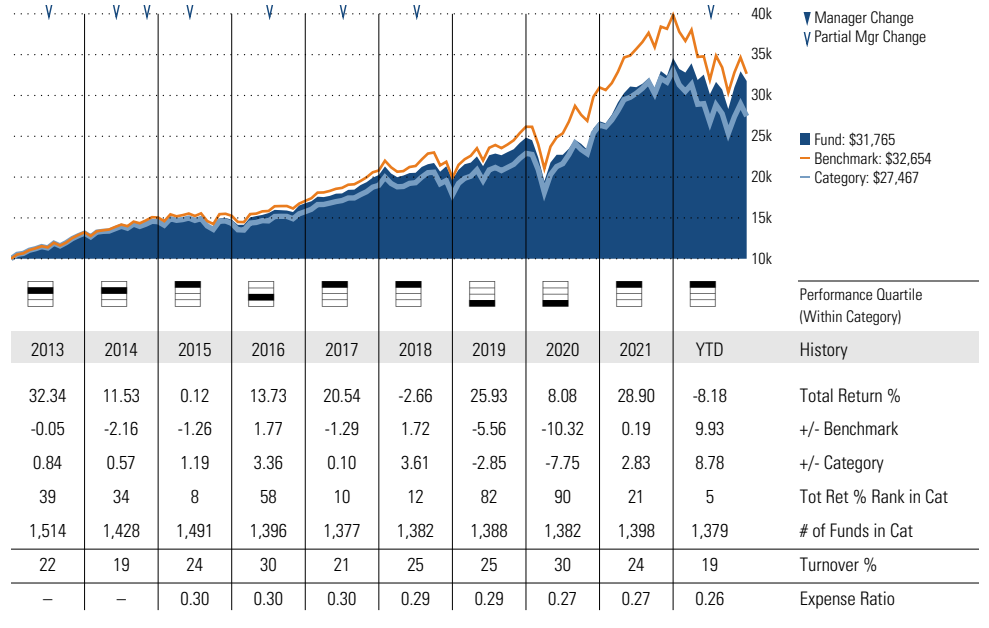
## Morningstar Investment Management LLC Analysis

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

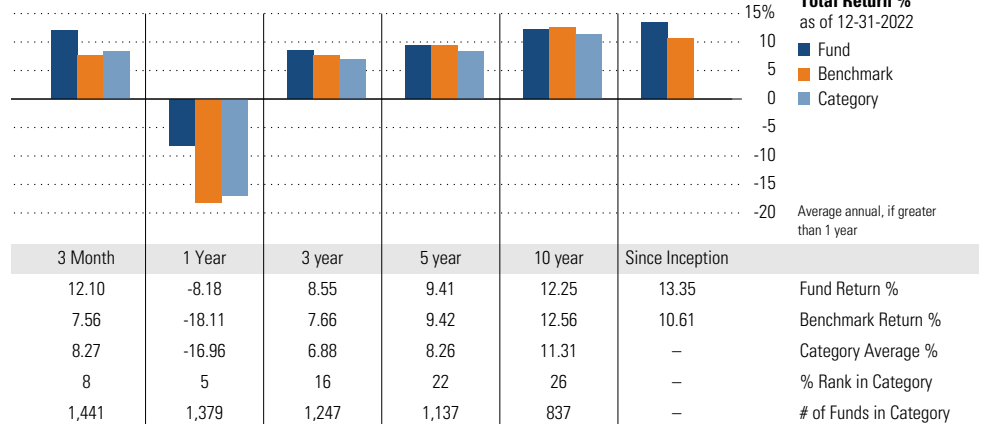
## ESG Metrics

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

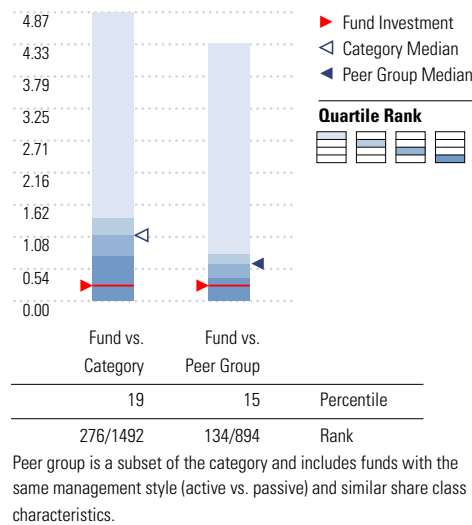
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.57	-	-0.68
Beta	0.89	-	0.96
R-Squared	93.29	-	95.98
Standard Deviation	19.43	21.16	20.73
Sharpe Ratio	0.47	0.41	0.36
Tracking Error	5.57	-	3.95
Information Ratio	0.16	-	-0.83
Up Capture Ratio	91.66	-	94.55
Down Capture Ratio	86.85	-	96.96

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.65	19.03	18.29
Price/Book Ratio	3.27	3.59	4.14
Geom Avg Mkt Cap \$B	134.77	161.22	211.02
ROE	29.87	31.17	36.63

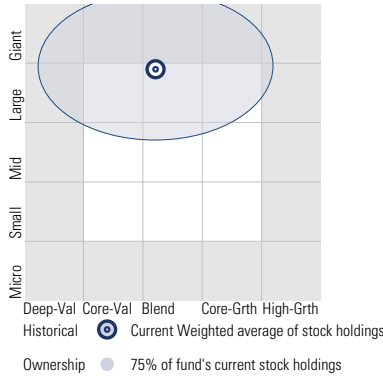
# American Funds Washington Mutual R6 RWMGX

**Morningstar Category**  
Large Blend

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

## Style Analysis as of 12-31-2022

Morningstar Style Box™



## Style Breakdown

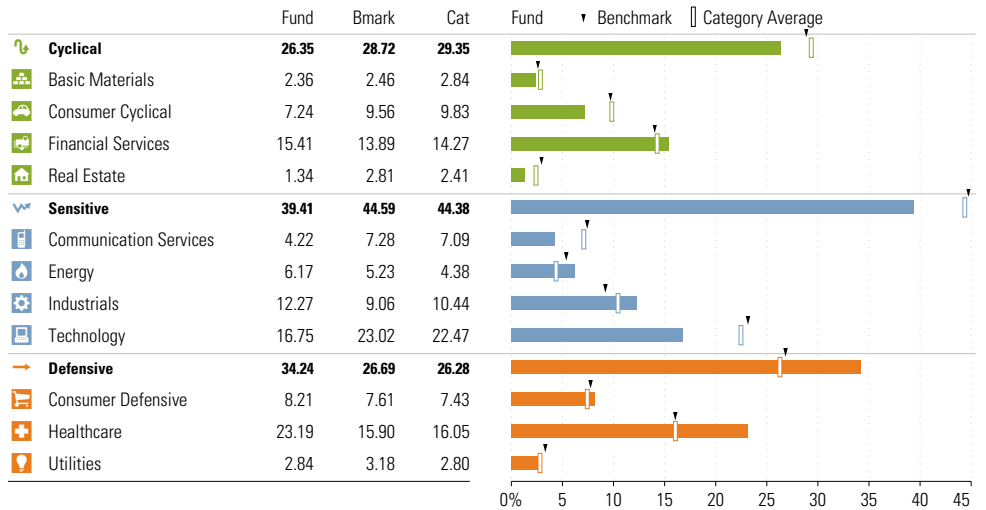


## Asset Allocation as of 12-31-2022



Asset Class	Net %	Cat%
US Stocks	87.59	94.79
Non-US Stocks	7.90	2.81
Bonds	0.00	0.84
Cash	4.25	0.45
Other	0.26	1.10
<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
⊖ Broadcom Inc	5.44	5.44	-13.43	Technology
⊖ Microsoft Corp	4.65	10.10	-27.94	Technology
⊕ Capital Group Central Cash Fund	4.27	14.37	—	—
⊖ UnitedHealth Group Inc	3.97	18.33	6.86	Healthcare
⊕ Pfizer Inc	2.77	21.10	-10.52	Healthcare
⊖ Comcast Corp Class A	2.34	23.44	-28.41	Communication Svc
Marsh & McLennan Companies Inc	2.33	25.78	-3.50	Financial Services
⊖ CVS Health Corp	2.02	27.79	-7.53	Healthcare
⊖ Northrop Grumman Corp	1.97	29.76	42.71	Industrials
The Home Depot Inc	1.92	31.68	-22.06	Consumer Cyclical
⊕ JPMorgan Chase & Co	1.75	33.43	-12.79	Financial Services
⊕ Eli Lilly and Co	1.69	35.12	33.86	Healthcare
⊖ Johnson & Johnson	1.68	36.80	5.86	Healthcare
⊕ AbbVie Inc	1.58	38.38	23.80	Healthcare
⊕ Archer-Daniels Midland Co	1.55	39.93	39.74	Consumer Defensive

**Total Holdings 186**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Baird Aggregate Bond Inst BAGIX

**Morningstar Category**  
Intermediate Core Bond

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 22.27 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.3 is 46.43% lower than the Intermediate Core Bond category average.

## Morningstar Investment Management LLC Analysis

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

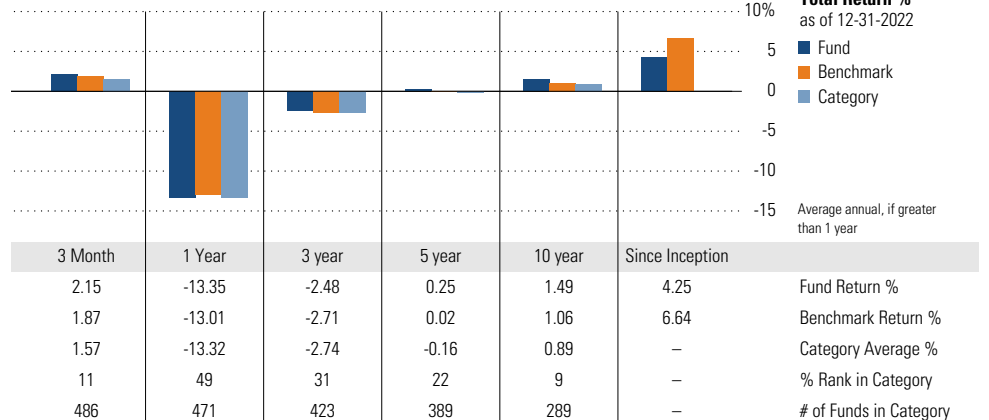
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
ESG Commitment	1-Low	02-15-2022

## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.38	-	0.03
Beta	1.05	-	1.00
R-Squared	96.52	-	92.92
Standard Deviation	6.23	5.85	6.12
Sharpe Ratio	-0.51	-0.58	-0.56
Tracking Error	1.19	-	1.54
Information Ratio	0.20	-	-0.09
Up Capture Ratio	112.62	-	104.58
Down Capture Ratio	106.03	-	103.15

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	6.17	4.43	6.05
Avg Eff Maturity	8.23	-	8.25

# Baird Aggregate Bond Inst BAGIX

**Morningstar Category**  
Intermediate Core 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	0.10
Non-US Stocks	0.00	0.02
Bonds	98.68	95.92
Cash	1.33	2.10
Other	0.00	1.87
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Credit Rating Breakdown**

	Fund	Bmark	Cat
AAA	59.70	3.53	54.60
AA	3.80	74.59	8.55
A	12.70	10.82	17.15
BBB	23.50	8.32	16.13
BB	0.30	0.28	1.41
B	0.00	0.00	0.45
Below B	0.00	0.00	0.18
Not Rated	0.00	2.46	1.53

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



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

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
United States Treasury Bonds 2.5%	02-2045	3.45	3.45	-
⊖ United States Treasury Bonds 2.88%	05-2043	2.55	6.00	-
⊕ United States Treasury Notes 1.13%	08-2028	2.18	8.18	-
United States Treasury Bonds 1.38%	11-2040	1.96	10.14	-
⊕ United States Treasury Notes 2.88%	06-2025	1.85	11.99	-
⊕ United States Treasury Notes 2.88%	05-2032	1.80	13.78	-
⊖ First American Government Obligs U	02-2030	1.27	15.05	-
⊖ United States Treasury Notes 1.13%	10-2026	1.23	16.28	-
⊖ United States Treasury Notes 3%	06-2024	1.22	17.50	-
⊕ United States Treasury Notes 2.38%	03-2029	0.99	18.49	-

**Total Holdings 1584**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# BlackRock Global Allocation Instl MALOX

**Morningstar Category**  
Global Allocation

**Morningstar Index**  
Morningstar Gbl Allocation TR USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 6 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.84 is 26.32% lower than the Global Allocation category average.

## Morningstar Investment Management LLC Analysis

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

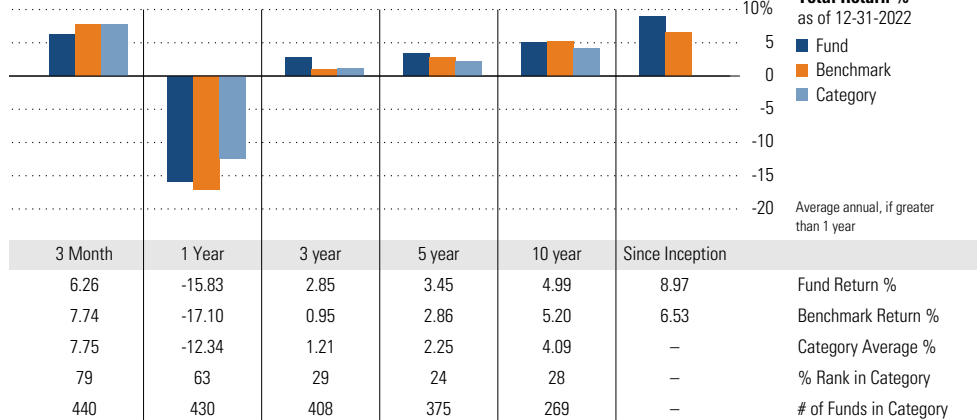
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
Carbon Risk Score	Low Risk	09-30-2022

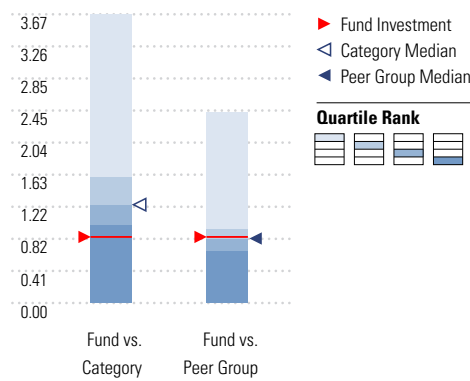
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.88	-	0.66
Beta	0.99	-	1.00
R-Squared	97.60	-	88.33
Standard Deviation	14.32	14.33	15.25
Sharpe Ratio	0.21	0.08	0.11
Tracking Error	2.22	-	5.17
Information Ratio	0.85	-	0.06
Up Capture Ratio	103.15	-	101.64
Down Capture Ratio	93.62	-	99.07

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	16.76	14.82	13.46
Price/Book Ratio	2.83	2.22	1.95
Avg Eff Duration	3.90	-	3.76

# BlackRock Global Allocation Instl MALOX

**Morningstar Category**  
Global Allocation

**Morningstar Index**  
Morningstar Gbl Allocation TR USD

## Style Analysis as of 12-31-2022

Morningstar Style Box™



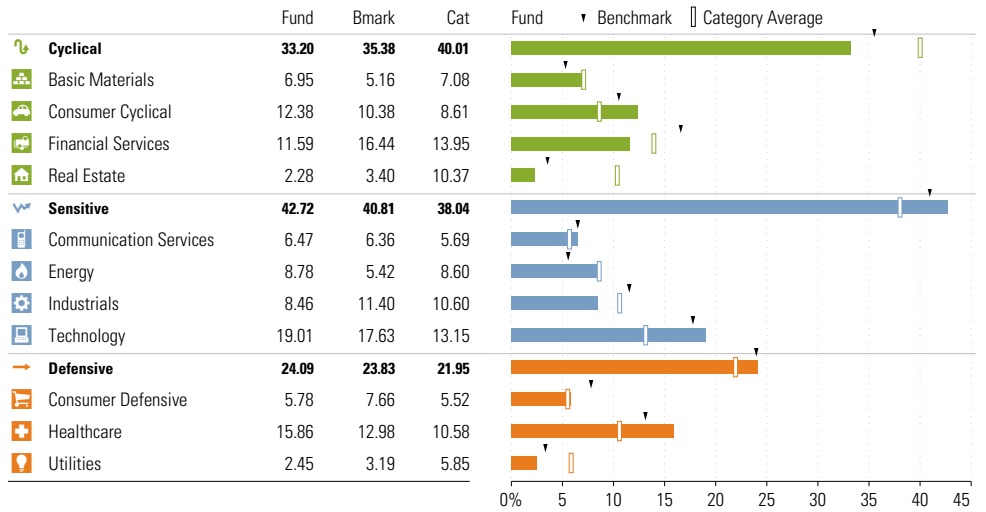
## Style Breakdown



## 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
⊕ Ois 02-May-2025 Pay	05-2025	10.18	10.18	--	--
⊕ 2.720000 02-May-2025 Receive	05-2025	9.82	20.00	--	--
⊕ Ois 02-May-2024 Pay	05-2024	8.57	28.58	--	--
⊕ 2.650000 02-May-2024 Receive	05-2024	8.36	36.94	--	--
⊕ Ois 02-May-2032 Pay	05-2032	4.65	41.59	--	--
⊕ 2.650000 02-May-2032 Receive	05-2032	4.24	45.82	--	--
⊕ Ois 02-May-2052 Pay	05-2052	3.19	49.02	--	--
⊕ Ois 06-Sep-2024 Pay	09-2024	3.18	52.19	--	--
⊕ 4.255000 06-Sep-2024 Receive	09-2024	3.16	55.35	--	--
⊕ United States Treasury Notes 3.25%	08-2024	2.78	58.13	--	--

## Total Holdings 2142

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# BlackRock Inflation Protected Bond Instl BPRIX

**Morningstar Category**  
Inflation-Protected Bond

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

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

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.35 is 39.66% lower than the Inflation-Protected Bond category average.

## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	09-30-2022

## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.27	-	0.15
Beta	1.03	-	0.92
R-Squared	98.82	-	88.43
Standard Deviation	7.28	7.01	6.90
Sharpe Ratio	0.12	0.08	0.11
Tracking Error	0.82	-	2.51
Information Ratio	0.36	-	-0.22
Up Capture Ratio	102.96	-	92.15
Down Capture Ratio	99.99	-	90.88

## Portfolio Metrics

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

# BlackRock Inflation Protected Bond Instl BPRIX

**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
<b>Total Holdings 0</b>				

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Delaware Small Cap Value Instl DEVIX

**Morningstar Category**  
Small Value

**Morningstar Index**  
Russell 2000 Value TR USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 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 0.86 is 24.56% lower than the Small Value category average.

## Growth of \$10,000



## Morningstar Investment Management LLC Analysis

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

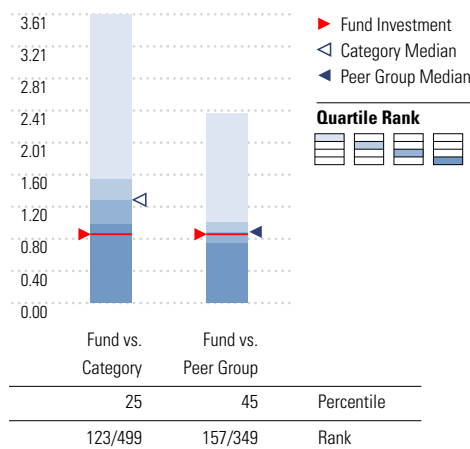
## ESG Metrics

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

## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.66	-	2.07
Beta	0.99	-	0.99
R-Squared	95.86	-	95.05
Standard Deviation	27.97	27.66	28.15
Sharpe Ratio	0.29	0.27	0.34
Tracking Error	5.70	-	6.45
Information Ratio	0.09	-	0.30
Up Capture Ratio	99.52	-	101.40
Down Capture Ratio	98.17	-	96.46

## Portfolio Metrics

	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

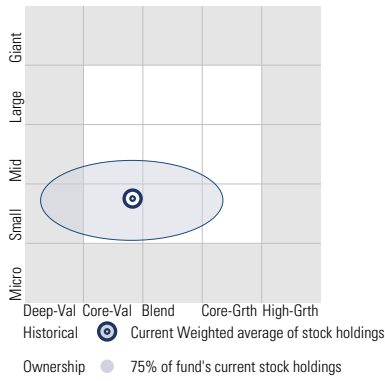
# Delaware Small Cap Value Instl DEVIX

**Morningstar Category**  
Small Value

**Morningstar Index**  
Russell 2000 Value TR USD

## Style Analysis as of 12-31-2022

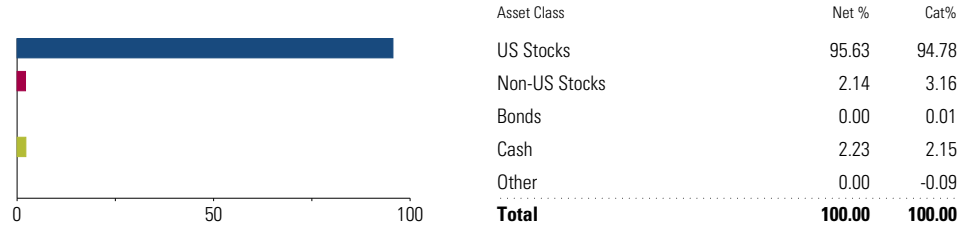
Morningstar Style Box™



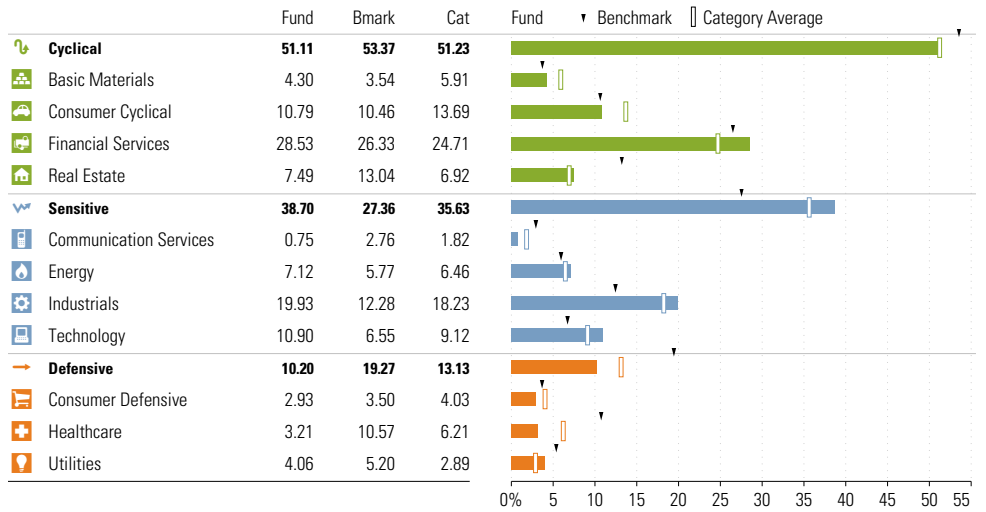
## Style Breakdown



## 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
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**Total Holdings 0**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Eaton Vance Income Fund of Boston I EIBIX

**Morningstar Category**  
High Yield Bond

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

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

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.75 is 15.73% lower than the High Yield Bond category average.

## Morningstar Investment Management LLC Analysis

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

## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.94	-	-0.09
Beta	0.91	-	0.94
R-Squared	98.88	-	94.99
Standard Deviation	10.30	11.25	10.89
Sharpe Ratio	0.04	-0.04	-0.04
Tracking Error	1.49	-	2.51
Information Ratio	0.68	-	-0.11
Up Capture Ratio	93.26	-	92.06
Down Capture Ratio	85.84	-	93.01

## Portfolio Metrics

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

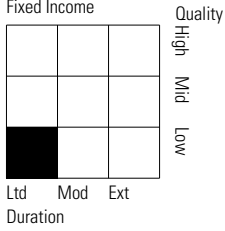
# Eaton Vance Income Fund of Boston I EIBIX

**Morningstar Category**  
High Yield Bond

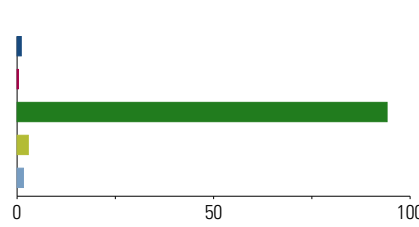
**Morningstar Index**  
ICE BofA US High Yield TR USD

## Style Analysis as of 12-31-2022

### Style Breakdown



## Asset Allocation as of 12-31-2022

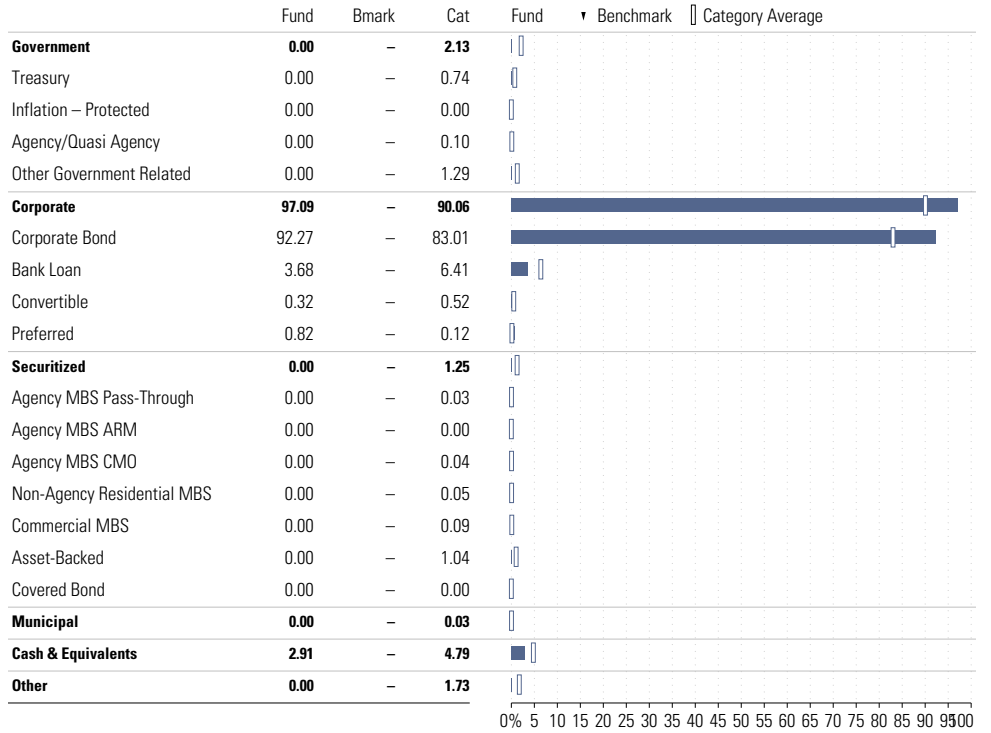


Asset Class	Net %	Cat%
US Stocks	1.06	0.73
Non-US Stocks	0.34	0.01
Bonds	94.14	93.67
Cash	2.85	1.76
Other	1.61	3.83
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### 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



## 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

# Federated Hermes Govt Ultrashort IS FGUSX

**Morningstar Category**  
Ultrashort Bond

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 25.49 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.26 is 43.48% lower than the Ultrashort Bond category average.

## Morningstar Investment Management LLC Analysis

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

## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.76	-	0.76
Beta	0.06	-	0.12
R-Squared	31.97	-	17.12
Standard Deviation	0.60	5.85	1.94
Sharpe Ratio	-0.39	-0.58	-0.30
Tracking Error	5.53	-	5.59
Information Ratio	0.60	-	0.56
Up Capture Ratio	11.16	-	22.64
Down Capture Ratio	1.12	-	11.26

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	0.30	4.43	0.72
Avg Eff Maturity	2.84	-	3.41

# Federated Hermes Govt Ultrashort IS FGUSX

**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	48.92	65.14
Cash	51.08	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	100.00	3.53	45.58
AA	0.00	74.59	9.37
A	0.00	10.82	22.58
BBB	0.00	8.32	16.39
BB	0.00	0.28	0.81
B	0.00	0.00	0.43
Below B	0.00	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
⊕ Hsbc Repo 2 Repo	01-2023	20.09	20.09	-
⊕ Bank Of Montreal 3 Repo	01-2023	20.09	40.19	-
⊕ Tdsec Repo 1 Repo	01-2023	9.34	49.53	-
⊕ FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 4.8244%	10-2032	2.99	52.52	-
⊕ FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 4.60536%	11-2032	2.61	55.13	-
⊕ FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 4.56536%	11-2032	2.35	57.48	-
⊖ Federal National Mortgage Association 4.88871%	08-2059	2.19	59.67	-
⊖ Federal National Mortgage Association 4.83871%	06-2050	1.94	61.61	-
⊖ Federal Home Loan Mortgage Corporation 4.83871%	09-2049	1.81	63.42	-
⊖ Federal Home Loan Mortgage Corporation 4.83871%	01-2050	1.57	64.99	-

**Total Holdings** 202

⊕ 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.

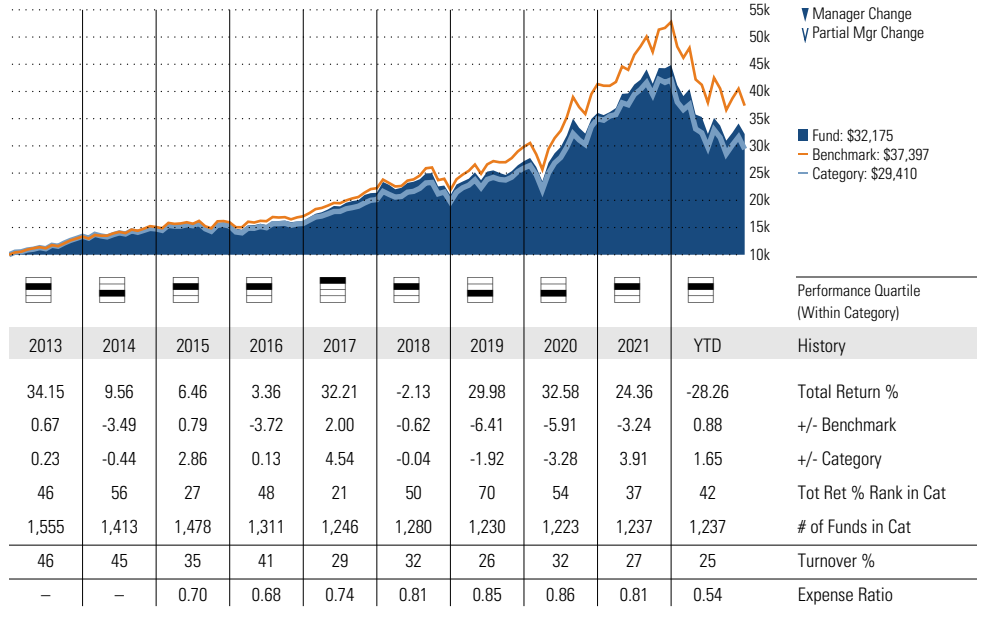
## Morningstar Investment Management LLC Analysis

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.

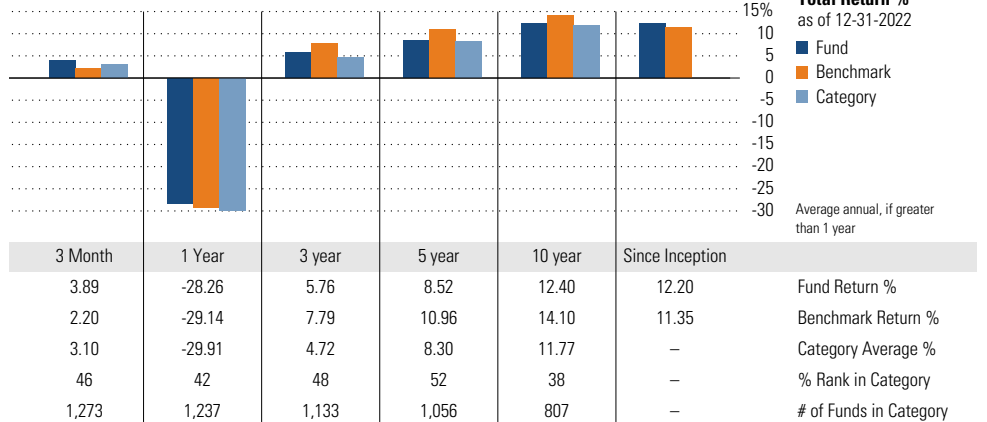
## ESG Metrics

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

Metric	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

Metric	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
------	-------------	--------------	--------------	--------------------

**Total Holdings 0**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Invesco Oppenheimer International Gr Y OIGYX

**Morningstar Category**  
Foreign Large Growth

**Morningstar Index**  
MSCI EAFE NR USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 26.79 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 0.85 is 19.05% lower than the Foreign Large Growth category average.

## Morningstar Investment Management LLC Analysis

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

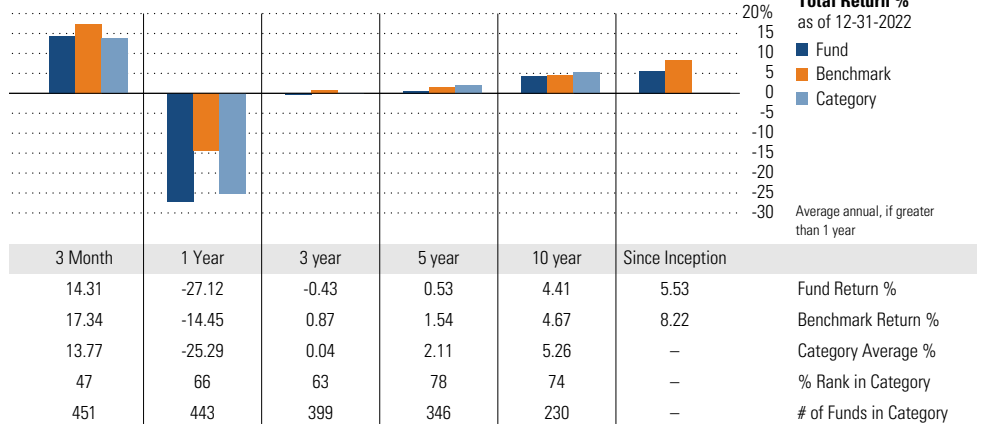
## ESG Metrics

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

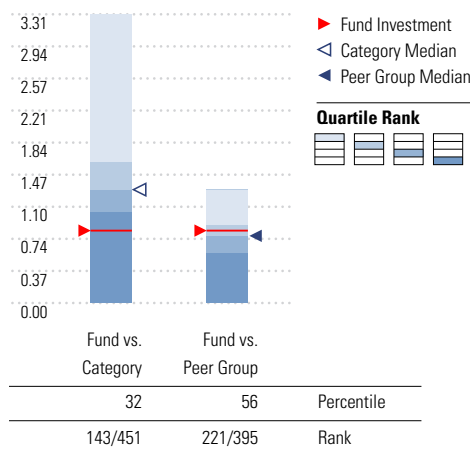
## Growth of \$10,000



## 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	-0.88	-	-0.67
Beta	1.05	-	0.98
R-Squared	86.64	-	83.89
Standard Deviation	22.86	20.25	21.69
Sharpe Ratio	0.06	0.10	0.06
Tracking Error	8.42	-	8.76
Information Ratio	-0.15	-	-0.10
Up Capture Ratio	108.20	-	99.00
Down Capture Ratio	112.73	-	102.84

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	27.26	12.65	19.09
Price/Book Ratio	4.63	1.56	2.99
Geom Avg Mkt Cap \$B	37.31	43.46	48.56
ROE	27.80	19.18	22.43

# Invesco Oppenheimer International Gr Y OIGYX

**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	8.40	6.95
Non-US Stocks	90.70	89.95
Bonds	0.00	0.00
Cash	0.90	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	18.08	27.34	Americas	14.64	14.74	Greater Europe	67.29	57.92	Developed Markets	94.34
Japan	9.31	11.60	North America	14.64	12.78	United Kingdom	21.11	12.49	Emerging Markets	5.66
Australasia	2.52	1.96	Central/Latin	0.00	1.96	W euro-ex UK	46.18	44.80	Not Available	0.00
Asia-4 Tigers	0.59	6.01				Emrgng Europe	0.00	0.02		
Asia-ex 4 Tigers	5.66	7.77				Africa	0.00	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 New Discovery R4 MNDJX

**Morningstar Category**  
Small Growth

**Morningstar Index**  
Russell 2000 Growth TR USD

## Portfolio Manager(s)

Michael Grossman since 12-2013

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 9.01 years.

✔ **Style:** The fund has landed in its primary style box — Small Growth — 78.13 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.99 is 16.81% lower than the Small Growth category average.

## Morningstar Investment Management LLC Analysis

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

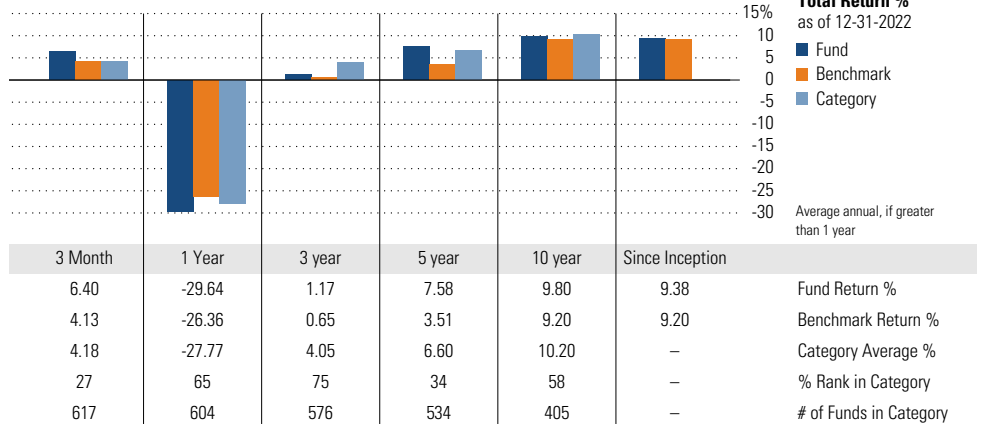
## ESG Metrics

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

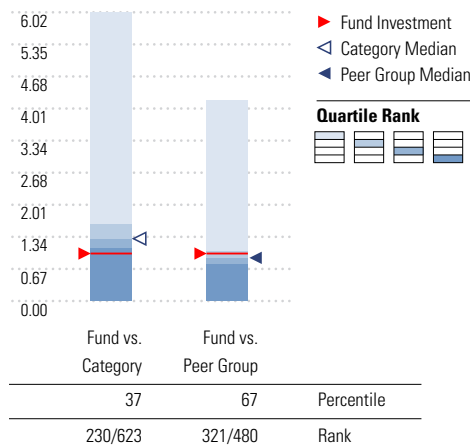
## Growth of \$10,000



## 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	0.53	-	2.83
Beta	0.93	-	0.95
R-Squared	93.61	-	91.46
Standard Deviation	25.48	26.57	26.53
Sharpe Ratio	0.14	0.12	0.22
Tracking Error	6.72	-	7.92
Information Ratio	0.08	-	0.35
Up Capture Ratio	93.17	-	101.46
Down Capture Ratio	91.95	-	94.05

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.62	13.28	21.13
Price/Book Ratio	2.61	3.39	3.57
Geom Avg Mkt Cap \$B	3.26	2.51	4.52
ROE	5.78	12.50	12.24

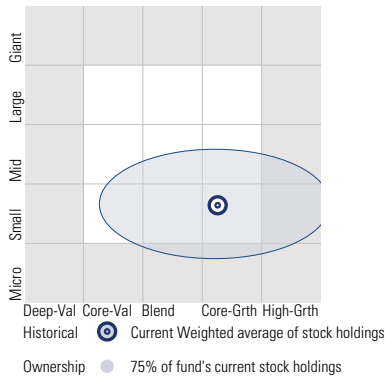
# MFS New Discovery R4 MNDJX

**Morningstar Category**  
Small Growth

**Morningstar Index**  
Russell 2000 Growth TR USD

## Style Analysis as of 12-31-2022

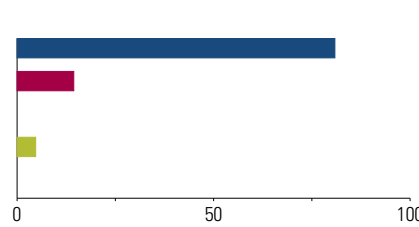
Morningstar Style Box™



## Style Breakdown

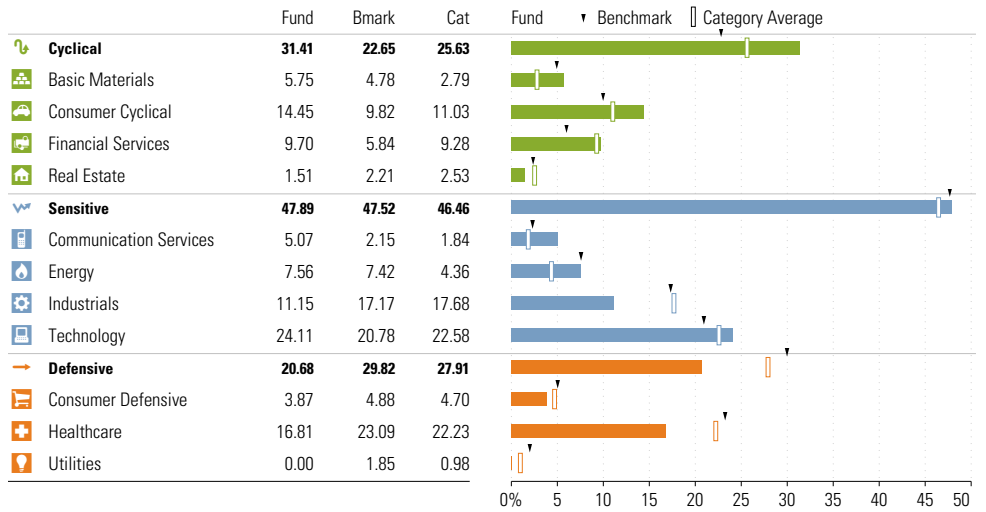


## Asset Allocation as of 12-31-2022



Asset Class	Net %	Cat%
US Stocks	80.86	92.50
Non-US Stocks	14.42	4.22
Bonds	0.00	0.01
Cash	4.73	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
------	-------------	--------------	--------------	--------------------

**Total Holdings 0**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Neuberger Berman Mid Cap Growth Inst NBMLX

**Morningstar Category**  
Mid-Cap Growth

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 19.93 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.7 is 31.37% lower than the Mid-Cap Growth category average.

## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

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

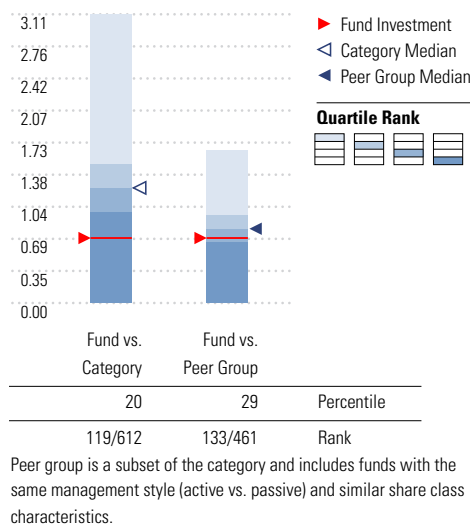
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.30	-	0.30
Beta	0.96	-	0.98
R-Squared	96.37	-	91.63
Standard Deviation	24.39	24.87	25.73
Sharpe Ratio	0.25	0.24	0.24
Tracking Error	4.74	-	7.31
Information Ratio	0.03	-	-0.10
Up Capture Ratio	98.58	-	99.65
Down Capture Ratio	98.01	-	99.89

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	22.02	22.87	25.56
Price/Book Ratio	4.77	5.66	4.02
Geom Avg Mkt Cap \$B	19.47	19.63	16.01
ROE	20.19	28.34	19.80

# Neuberger Berman Mid Cap Growth Inst NBMLX

**Morningstar Category**  
Mid-Cap Growth

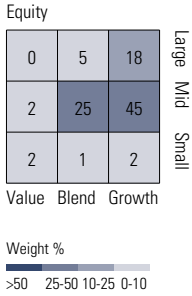
**Morningstar Index**  
Russell Mid Cap Growth TR USD

## Style Analysis as of 12-31-2022

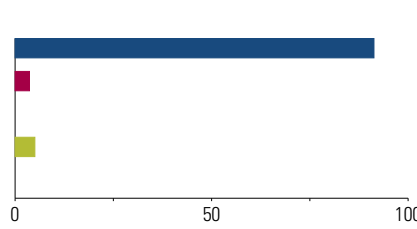
Morningstar Style Box™



## Style Breakdown

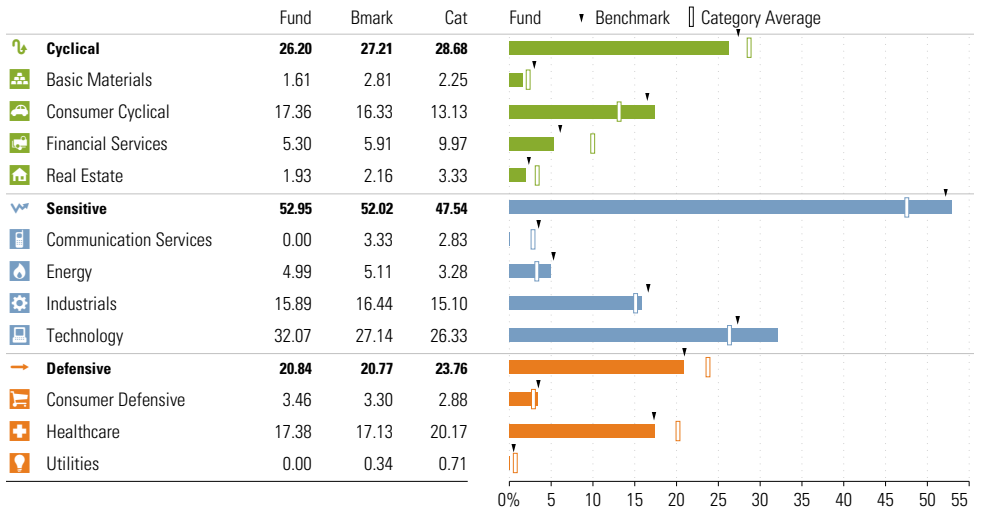


## Asset Allocation as of 12-31-2022



Asset Class	Net %	Cat%
US Stocks	91.31	93.28
Non-US Stocks	3.66	3.72
Bonds	0.00	0.09
Cash	5.03	2.48
Other	0.00	0.44
<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
------	-------------	--------------	--------------	--------------------

Total Holdings 0

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# PIMCO Commodity Real Return Strat I2 PCRPX

**Morningstar Category**  
Commodities Broad Basket

**Morningstar Index**  
Bloomberg Commodity TR USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 4.17 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.86 is 18.1% 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.

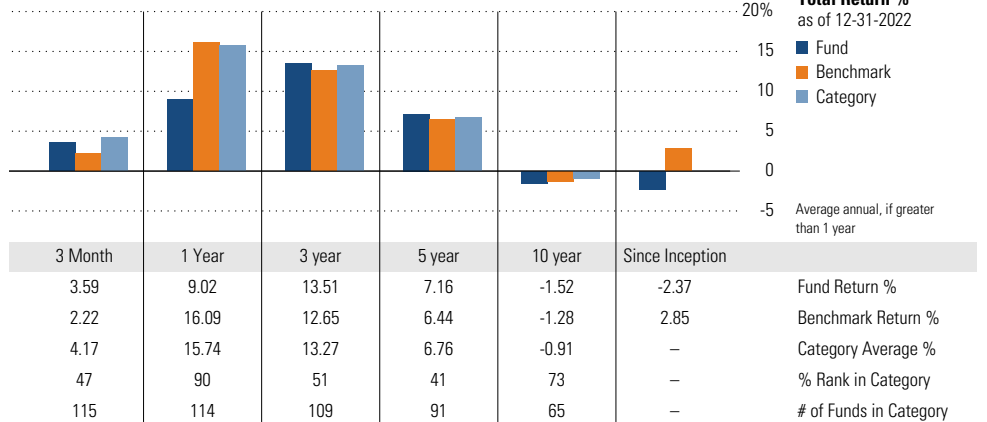
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	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	-0.79	-	0.33
Beta	1.17	-	1.03
R-Squared	95.97	-	85.73
Standard Deviation	22.32	18.64	21.05
Sharpe Ratio	0.64	0.69	0.67
Tracking Error	5.52	-	7.78
Information Ratio	0.16	-	0.09
Up Capture Ratio	113.08	-	102.74
Down Capture Ratio	115.82	-	103.18

## Portfolio Metrics

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

# PIMCO Commodity Real Return Strat I2 PCRPX

**Morningstar Category**  
Commodities Broad Basket

**Morningstar Index**  
Bloomberg Commodity TR USD

## Style Analysis as of 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	81.78	33.75
Cash	-31.00	47.21
Other	49.21	17.97
<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
⊕ 5 Year Treasury Note Future Mar 23	24.31	24.31	-	-
⊖ 2 Year Treasury Note Future Mar 23	18.13	42.44	-	-
✱ Cash Offset	16.46	58.90	-	-
⊖ Euro Schatz Future Mar 23	13.61	72.51	-	-
⊖ United States Treasury Notes 0.125%	12.16	84.67	-	-
⊖ 10 Year Treasury Note Future Mar 23	12.01	96.68	-	-
⊕ 3 Month Euribor TAS Future Mar 23	9.75	106.43	-	-
⊖ United States Treasury Notes 0.625%	9.70	116.12	-	-
⊖ U S TIPS REV REPO	9.31	125.43	-	-
⊖ U S TIPS REV REPO	8.88	134.31	-	-
⊕ TRS R 4.19/91282CDC2 MYC	7.79	142.10	-	-
⊕ Pimco Cayman Cmnty Fd Ltd Instl	7.24	149.34	-	-
⊕ United States Treasury Notes 0.125%	7.20	156.55	-	-
⊕ United States Treasury Notes 0.125%	6.28	162.82	-	-
⊖ US Treasury Bond Future Mar 23	5.85	168.67	-	-

**Total Holdings 874**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# PIMCO Income I2 PONPX

**Morningstar Category**  
Multisector Bond

**Morningstar Index**  
Bloomberg US Universal TR USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

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

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.61 is 37.76% 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	2.40	-	1.72
Beta	0.92	-	0.99
R-Squared	56.11	-	48.49
Standard Deviation	7.35	5.98	9.02
Sharpe Ratio	-0.09	-0.54	-0.16
Tracking Error	4.89	-	6.72
Information Ratio	0.50	-	0.28
Up Capture Ratio	103.76	-	109.62
Down Capture Ratio	75.91	-	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 I2 PONPX

**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) I-2 PFBPX

**Morningstar Category**  
Global Bond-USD Hedged

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

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

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.61 is 17.57% lower than the Global Bond-USD Hedged category average.

## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	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	-0.37	-	-0.56
Beta	0.63	-	0.91
R-Squared	58.03	-	66.59
Standard Deviation	4.88	5.85	6.52
Sharpe Ratio	-0.58	-0.58	-0.59
Tracking Error	3.82	-	4.06
Information Ratio	0.16	-	-0.06
Up Capture Ratio	69.21	-	100.72
Down Capture Ratio	71.84	-	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) I-2 PFBPX

**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

# T. Rowe Price Dividend Growth PRDGX

**Morningstar Category**  
Large Blend

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

## Portfolio Manager(s)

Thomas Huber since 03-2000

## Quantitative Screens

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

**Management:** The fund's management has been in place for 22.77 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 0.62 is 19.48% lower than the Large Blend category average.

## Morningstar Investment Management LLC Analysis

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

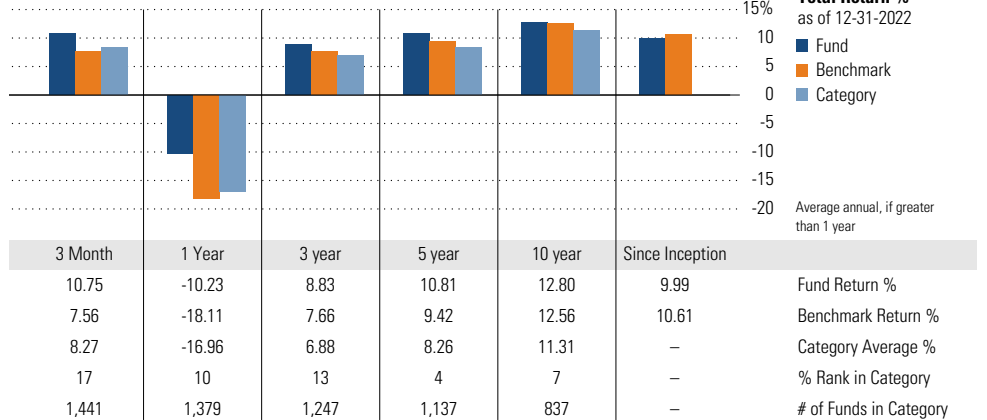
## ESG Metrics

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

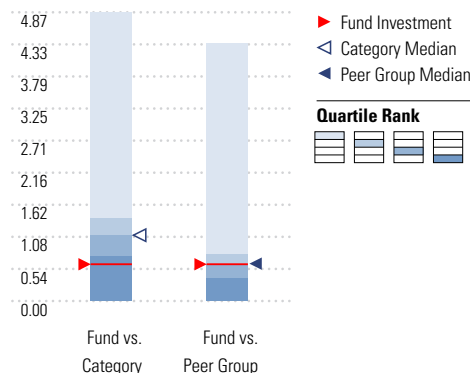
## Growth of \$10,000



## 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	1.82	-	-0.68
Beta	0.88	-	0.96
R-Squared	96.14	-	95.98
Standard Deviation	18.95	21.16	20.73
Sharpe Ratio	0.49	0.41	0.36
Tracking Error	4.53	-	3.95
Information Ratio	0.26	-	-0.83
Up Capture Ratio	92.71	-	94.55
Down Capture Ratio	87.19	-	96.96

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	21.74	19.03	18.29
Price/Book Ratio	4.08	3.59	4.14
Geom Avg Mkt Cap \$B	122.56	161.22	211.02
ROE	31.60	31.17	36.63

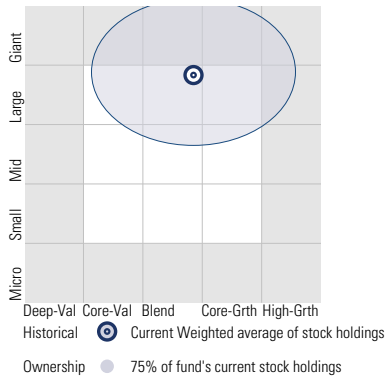
# T. Rowe Price Dividend Growth PRDGX

**Morningstar Category**  
Large Blend

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

## Style Analysis as of 12-31-2022

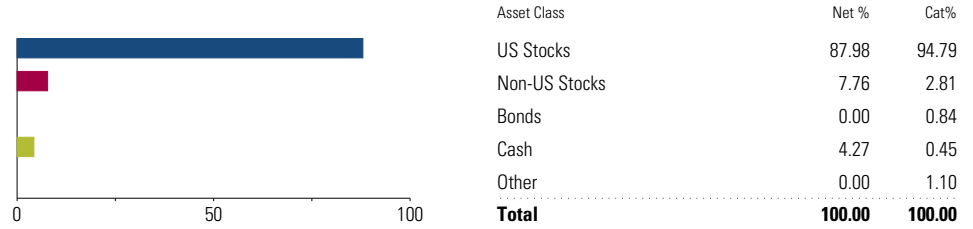
Morningstar Style Box™



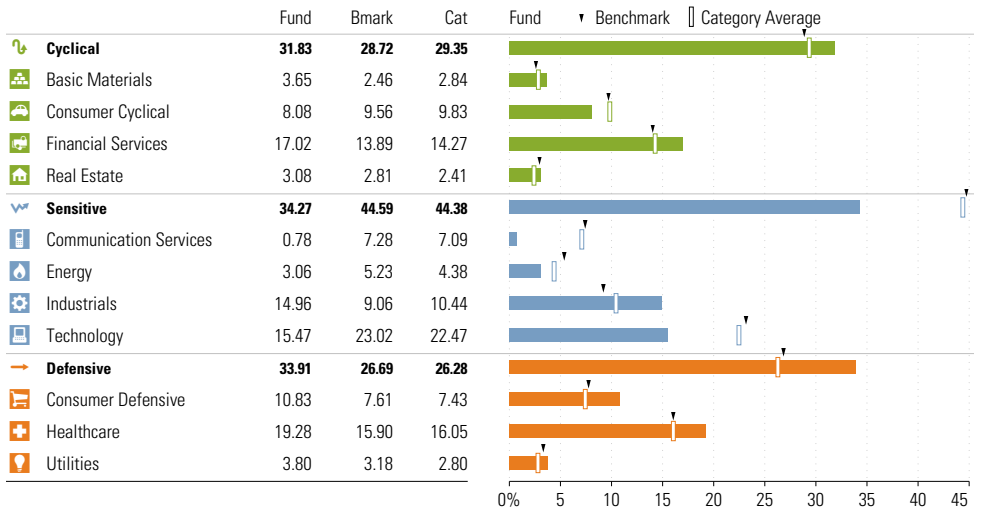
## Style Breakdown



## Asset Allocation as of 12-31-2022



## Sector Weighting as of 12-31-2022



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

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	4.21	4.21	-27.94	Technology
T. Rowe Price Gov. Reserve	4.16	8.37	-	-
Apple Inc	2.82	11.19	-26.32	Technology
UnitedHealth Group Inc	2.80	13.99	6.86	Healthcare
Danaher Corp	2.04	16.03	-19.02	Healthcare
Chubb Ltd	1.98	18.01	15.82	Financial Services
Visa Inc Class A	1.85	19.86	-3.40	Financial Services
Marsh & McLennan Companies Inc	1.79	21.65	-3.50	Financial Services
Thermo Fisher Scientific Inc	1.71	23.36	-17.29	Healthcare
JPMorgan Chase & Co	1.69	25.05	-12.79	Financial Services
Accenture PLC Class A	1.66	26.71	-34.66	Technology
AbbVie Inc	1.63	28.35	23.80	Healthcare
Dollar General Corp	1.58	29.93	5.53	Consumer Defensive
Ross Stores Inc	1.51	31.43	2.65	Consumer Cyclical
Honeywell International Inc	1.49	32.92	4.68	Industrials

**Total Holdings 105**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard 500 Index Admiral VFIAX

**Morningstar Category**  
Large Blend

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

## Portfolio Manager(s)

Donald Butler since 04-2016

Michelle Louie since 11-2017

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 6.68 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.04 is 94.81% lower than the Large Blend category average.

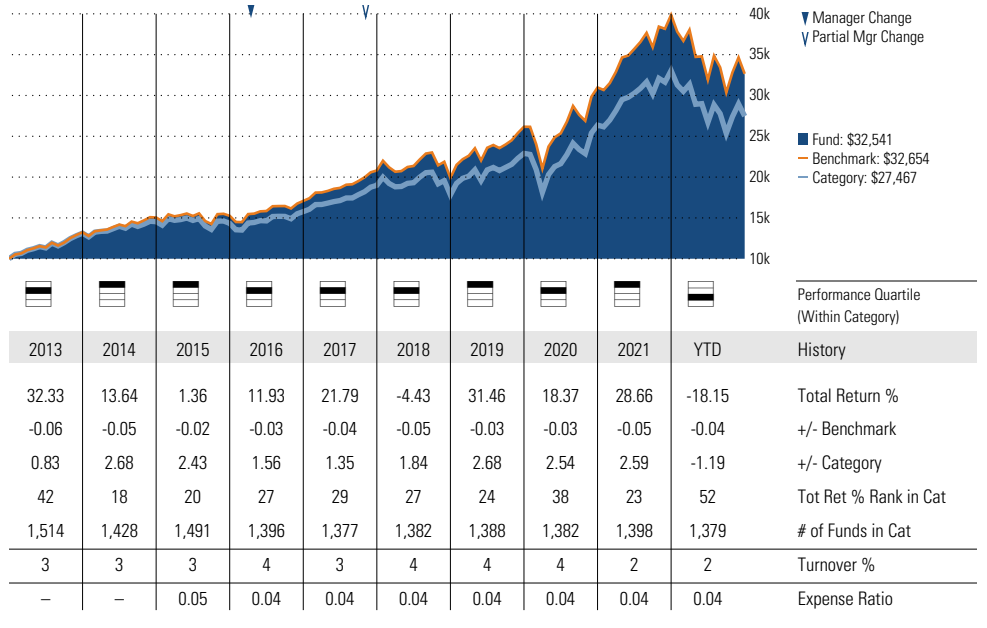
## Morningstar Investment Management LLC Analysis

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.

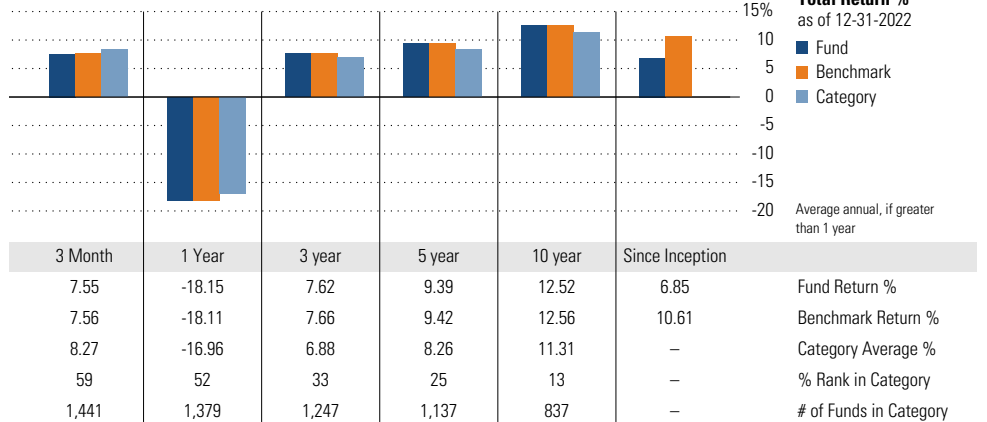
## ESG Metrics

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

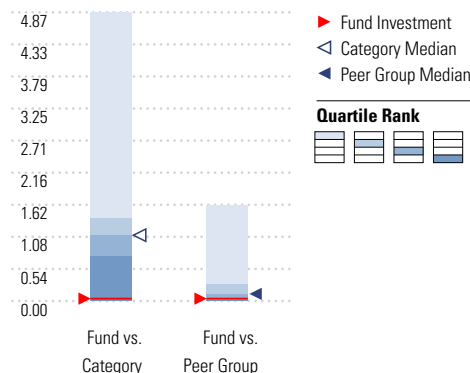
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.04	-	-0.68
Beta	1.00	-	0.96
R-Squared	100.00	-	95.98
Standard Deviation	21.17	21.16	20.73
Sharpe Ratio	0.41	0.41	0.36
Tracking Error	0.01	-	3.95
Information Ratio	-3.96	-	-0.83
Up Capture Ratio	99.95	-	94.55
Down Capture Ratio	100.07	-	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	161.35	161.22	211.02
ROE	31.18	31.17	36.63

# Vanguard 500 Index Admiral VFIAX

Morningstar Category  
Large Blend

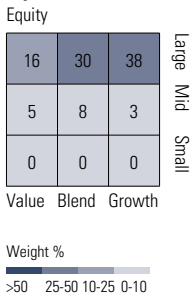
Morningstar Index  
S&P 500 TR USD

## 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 15 Holdings as of 12-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Apple Inc	6.03	6.03	-26.32	Technology
Microsoft Corp	5.55	11.58	-27.94	Technology
Amazon.com Inc	2.31	13.90	-49.62	Consumer Cyclical
Berkshire Hathaway Inc Class B	1.73	15.63	3.31	Financial Services
Alphabet Inc Class A	1.64	17.26	-39.09	Communication Svc
UnitedHealth Group Inc	1.54	18.80	6.86	Healthcare
Alphabet Inc Class C	1.46	20.26	-38.67	Communication Svc
Johnson & Johnson	1.43	21.69	5.86	Healthcare
Exxon Mobil Corp	1.41	23.10	86.06	Energy
JPMorgan Chase & Co	1.22	24.32	-12.79	Financial Services
NVIDIA Corp	1.13	25.45	-50.26	Technology
Procter & Gamble Co	1.12	26.57	-5.14	Consumer Defensive
Visa Inc Class A	1.05	27.62	-3.40	Financial Services
Tesla Inc	1.03	28.64	-65.03	Consumer Cyclical
The Home Depot Inc	1.00	29.65	-22.06	Consumer Cyclical

Total Holdings 509

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Developed Markets Index Admiral VTMGX

**Morningstar Category**  
Foreign Large Blend

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 9.86 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.07 is 92.13% lower than the Foreign Large Blend category average.

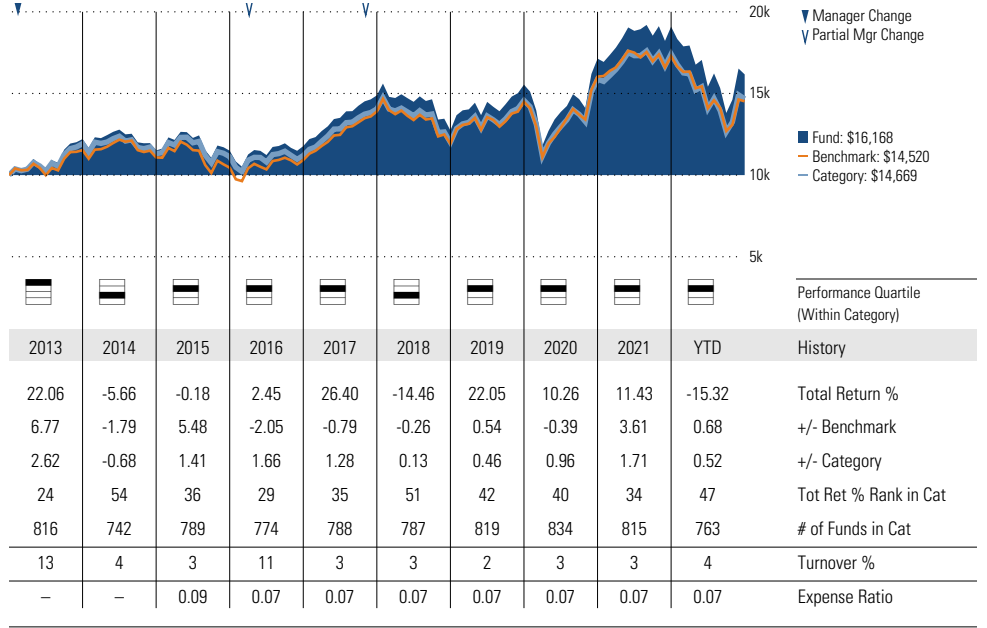
## Morningstar Investment Management LLC Analysis

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

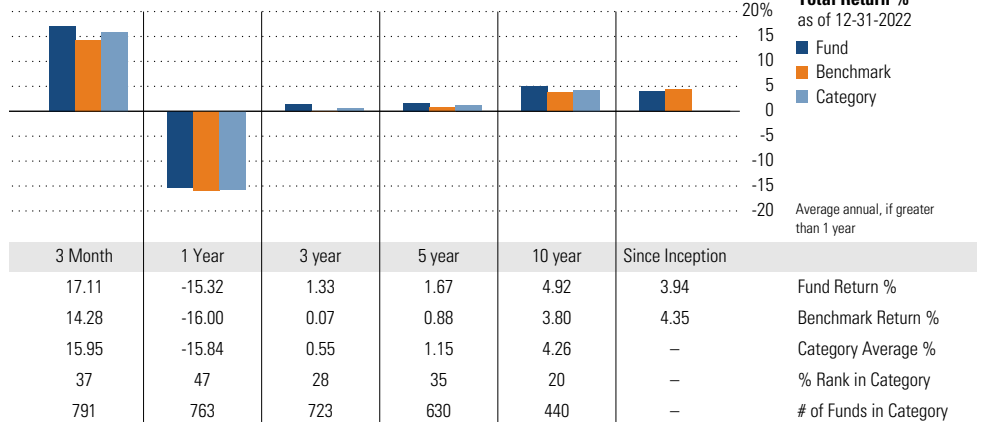
## ESG Metrics

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

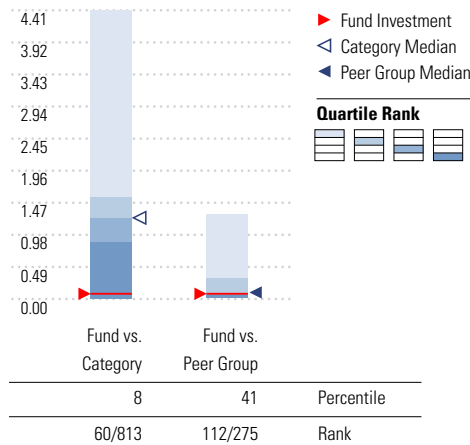
## Growth of \$10,000



## 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	1.47	-	0.80
Beta	1.08	-	1.03
R-Squared	96.85	-	94.10
Standard Deviation	21.45	19.53	20.67
Sharpe Ratio	0.13	0.06	0.09
Tracking Error	4.12	-	5.04
Information Ratio	0.30	-	0.14
Up Capture Ratio	113.94	-	106.74
Down Capture Ratio	108.59	-	104.08

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	11.90	11.94	12.68
Price/Book Ratio	1.45	1.58	1.72
Geom Avg Mkt Cap \$B	27.03	39.70	47.23
ROE	17.78	18.39	20.83

# Vanguard Developed Markets Index Admiral VTMGX

**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	0.84	2.74
Non-US Stocks	96.62	94.64
Bonds	0.00	0.21
Cash	2.41	1.20
Other	0.12	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 %	Region	Fund %
Greater Asia	36.24	35.26	Americas	10.76	8.84	Greater Europe	53.00	55.90	Market Maturity	Fund %
Japan	20.54	18.06	North America	10.67	7.61	United Kingdom	12.40	13.78	Developed Markets	99.43
Australasia	7.45	5.40	Central/Latin	0.09	1.23	W euro-ex UK	39.66	40.87	Emerging Markets	0.57
Asia-4 Tigers	8.06	6.66				Emrgng Europe	0.28	0.06	Not Available	0.00
Asia-ex 4 Tigers	0.19	5.14				Africa	0.66	1.19		
Not Classified	0.00	0.00								

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

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Nestle SA	1.57	1.57	-14.50	Consumer Defensive
⊕ Slcmt1142	1.52	3.09	-	-
⊕ ASML Holding NV	1.11	4.20	-27.89	Technology
⊕ Roche Holding AG	1.10	5.31	-21.78	Healthcare
⊕ Samsung Electronics Co Ltd	1.09	6.39	-	Technology
⊕ Novo Nordisk A/S Class B	1.07	7.47	29.42	Healthcare
⊖ Shell PLC	1.01	8.48	41.13	Energy
⊕ AstraZeneca PLC	1.01	9.49	25.04	Healthcare
⊖ Novartis AG	0.92	10.41	6.63	Healthcare
⊕ LVMH Moet Hennessy Louis Vuitton SE	0.92	11.33	-4.90	Consumer Cyclical

**Total Holdings 4091**

⊕ 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.

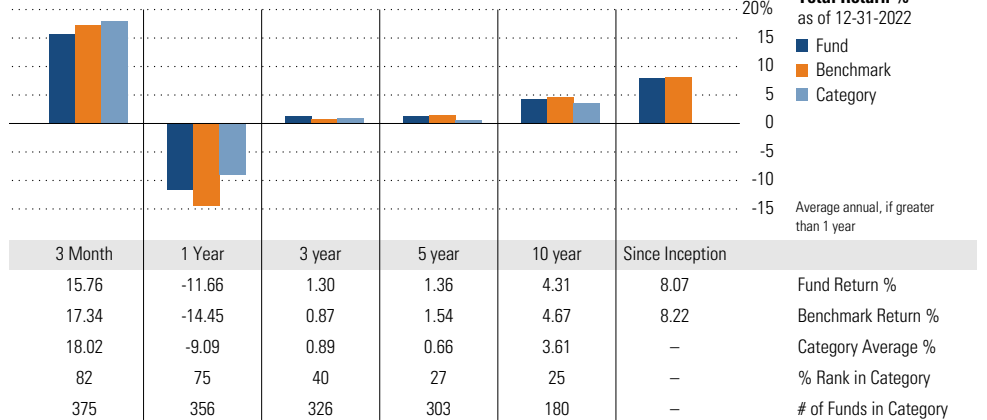
## ESG Metrics

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

	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

	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

# Vanguard Real Estate Index Admiral VGSLX

**Morningstar Category**  
Real Estate

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 26.65 years.

✔ **Style:** The fund has landed in its primary style box — Mid-Cap Blend — 97.14 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.12 is 88.35% lower than the Real Estate category average.

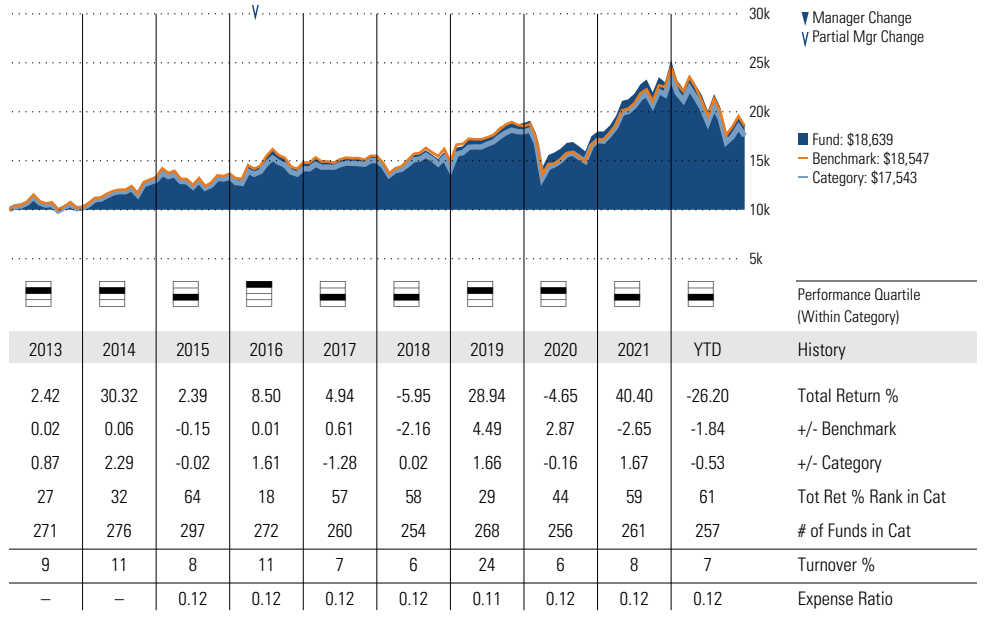
## Morningstar Investment Management LLC Analysis

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

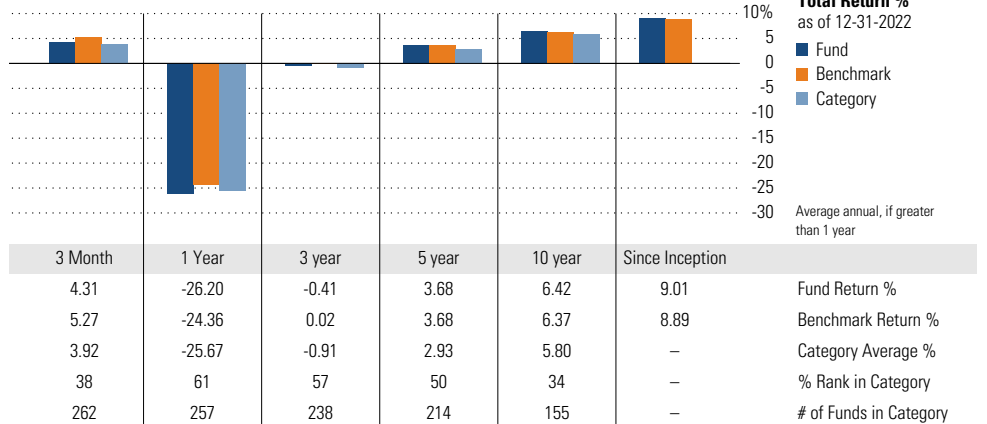
## ESG Metrics

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

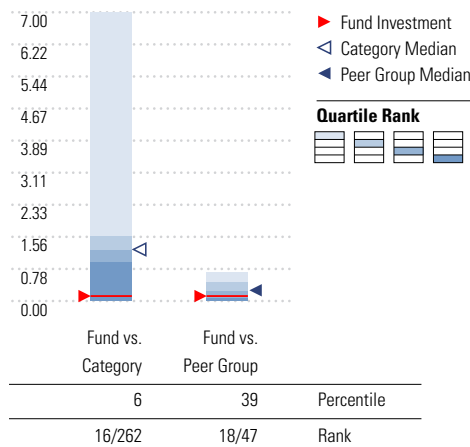
## Growth of \$10,000



## 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	-0.52	-	-0.42
Beta	0.96	-	0.94
R-Squared	98.63	-	93.47
Standard Deviation	22.84	23.61	22.85
Sharpe Ratio	0.06	0.08	0.07
Tracking Error	2.82	-	5.57
Information Ratio	-0.15	-	-0.09
Up Capture Ratio	97.54	-	94.53
Down Capture Ratio	98.93	-	96.18

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	22.95	38.46	23.21
Price/Book Ratio	2.22	2.42	2.12
Geom Avg Mkt Cap \$B	20.24	9.35	24.92
ROE	17.96	9.56	17.43

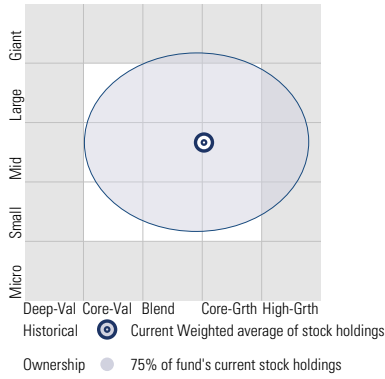
# Vanguard Real Estate Index Admiral VGSLX

**Morningstar Category**  
Real Estate

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

## Style Analysis as of 12-31-2022

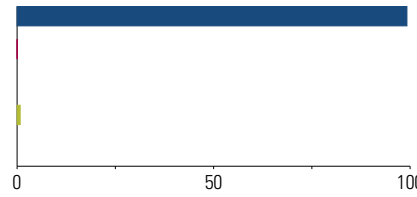
Morningstar Style Box™



## Style Breakdown

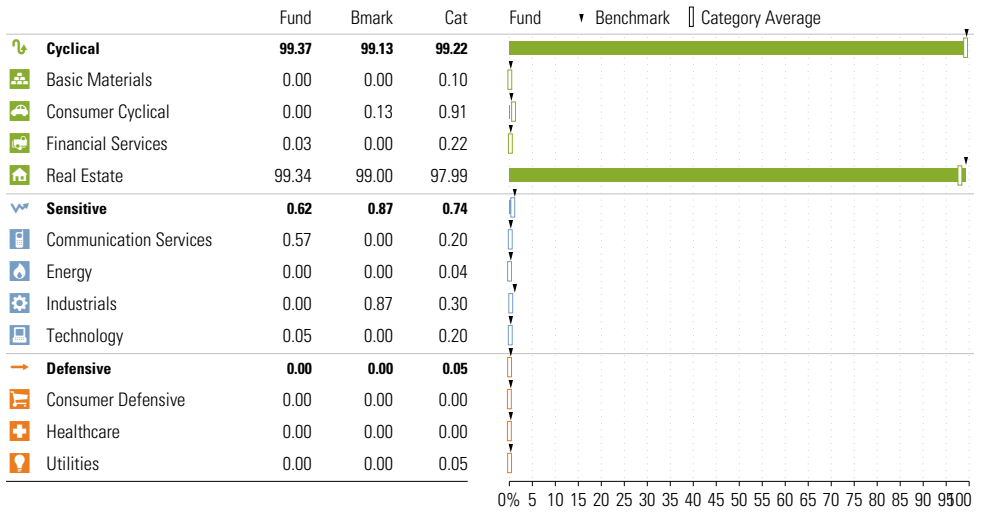


## Asset Allocation as of 12-31-2022



Asset Class	Net %	Cat%
US Stocks	99.19	82.38
Non-US Stocks	0.03	1.58
Bonds	0.00	3.52
Cash	0.78	0.79
Other	0.00	11.73
<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
⊕ Vanguard Real Estate II Index	12.14	12.14	-	-
⊖ Prologis Inc	7.35	19.48	-31.17	Real Estate
⊖ American Tower Corp	6.96	26.45	-25.57	Real Estate
⊖ Equinix Inc	4.21	30.66	-21.09	Real Estate
⊖ Crown Castle Inc	4.15	34.81	-32.16	Real Estate
⊖ Public Storage	3.13	37.93	-19.55	Real Estate
⊖ Realty Income Corp	2.77	40.70	-7.25	Real Estate
⊖ Simon Property Group Inc	2.64	43.34	-22.15	Real Estate
⊖ SBA Communications Corp	2.13	45.47	-27.21	Real Estate
⊖ Welltower Inc	2.07	47.54	-20.73	Real Estate
⊖ Digital Realty Trust Inc	1.94	49.47	-40.55	Real Estate
⊖ VICI Properties Inc Ordinary Shares	1.93	51.40	12.59	Real Estate
⊖ CBRE Group Inc Class A	1.75	53.15	-29.08	Real Estate
⊖ Weyerhaeuser Co	1.62	54.77	-19.45	Real Estate
⊖ AvalonBay Communities Inc	1.59	56.36	-33.54	Real Estate

**Total Holdings 171**

⊕ Increase ⊖ Decrease ✨ New to Portfolio