

# AB Global Bond I ANAIX

**Morningstar Category**  
World Bond-USD Hedged

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

## Portfolio Manager(s)

Scott DiMaggio since 08-2005  
Matthew Sheridan since 01-2007  
John Taylor since 02-2019

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 16.35 years.

Style Consistency is not calculated for Fixed Income funds.

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

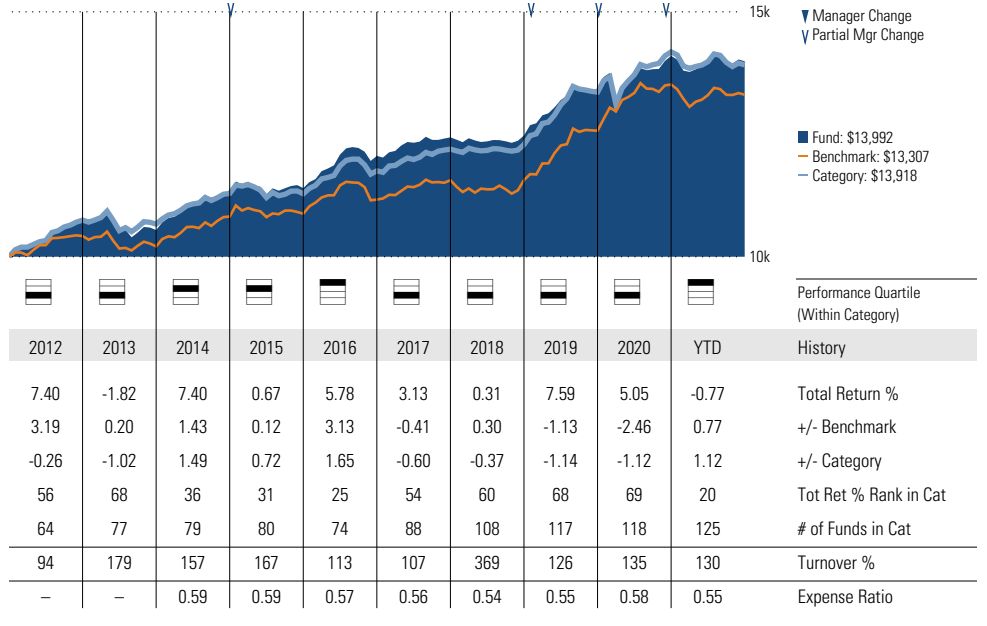
## Morningstar Investment Management LLC Analysis

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.

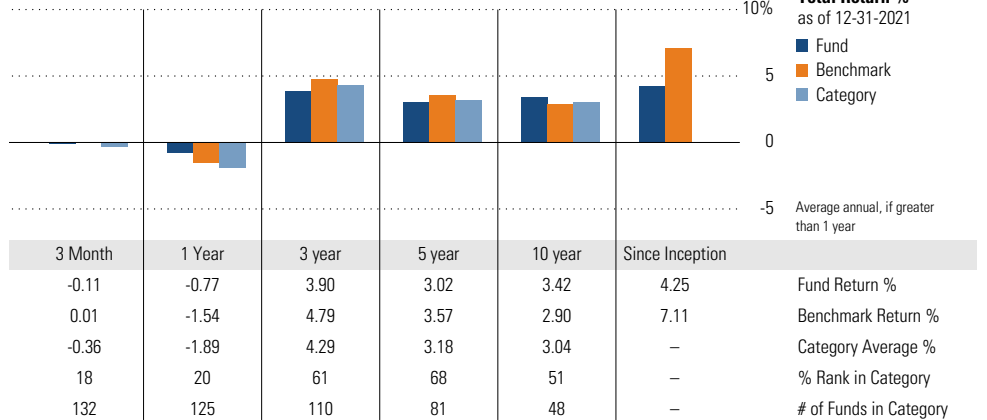
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2021

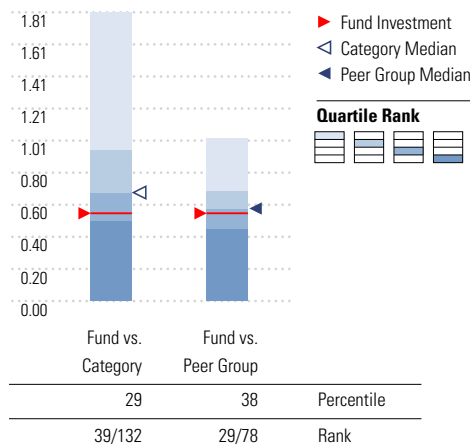
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.41	-	-0.20
Beta	0.91	-	0.98
R-Squared	46.99	-	50.95
Standard Deviation	4.54	3.40	4.74
Sharpe Ratio	0.69	1.18	0.76
Tracking Error	3.32	-	3.46
Information Ratio	-0.27	-	-0.18
Up Capture Ratio	99.13	-	106.14
Down Capture Ratio	132.16	-	132.16

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	7.12	4.43	8.25
Avg Eff Maturity	8.36	-	7.05

# AB Global Bond I ANAIX

**Morningstar Category**  
World Bond-USD Hedged

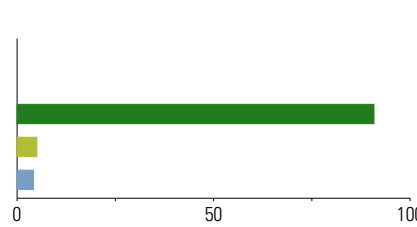
**Morningstar Index**  
BBgBarc US Agg Bond TR USD

## Style Analysis as of 12-31-2021

### Style Breakdown



## Asset Allocation as of 12-31-2021

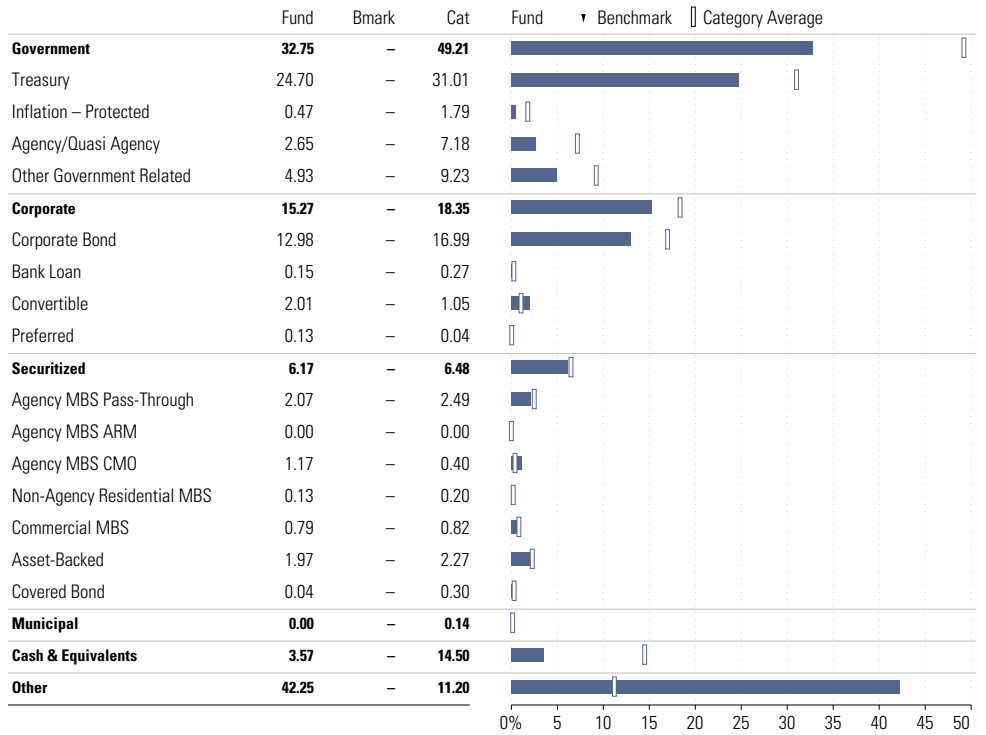


Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.02
Bonds	90.80	70.46
Cash	5.03	27.90
Other	4.18	1.63
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	30.80	3.53	20.87
AA	5.95	74.59	15.27
A	18.64	10.82	24.04
BBB	28.00	8.32	26.78
BB	8.09	0.28	6.13
B	1.62	0.00	2.53
Below B	0.09	0.00	0.24
Not Rated	6.81	2.46	4.14

## Sector Weighting as of 12-31-2021



## Top 10 Holdings as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊖ JPY FWD VS USD 0% 09/02/2022 Sold	02-2022	12.96	12.96	-
⊖ JPY FWD VS USD 0% 09/02/2022 Purchased	02-2022	12.96	25.92	-
⊖ EUR FWD VS USD 0% 10/02/2022 Sold	02-2022	11.40	37.33	-
⊖ EUR FWD VS USD 0% 10/02/2022 Purchased	02-2022	11.40	48.73	-
⊖ EUR FWD VS USD 0% 10/02/2022 Purchased	02-2022	10.21	58.94	-
⊖ EUR FWD VS USD 0% 10/02/2022 Sold	02-2022	10.21	69.15	-
⊖ Euro Bobl Future Dec 21	12-2021	4.75	73.91	-
⊖ AUD FWD VS USD 0% 08/02/2022 Sold	02-2022	3.47	77.38	-
⊖ AUD FWD VS USD 0% 08/02/2022 Purchased	02-2022	3.47	80.85	-
⊕ Japan (Government Of) 0%	02-2022	3.29	84.13	-

**Total Holdings 1189**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# American Century Inflation Adjs Bond R5 AIANX

**Morningstar Category**  
Inflation-Protected Bond

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 20.1 years.

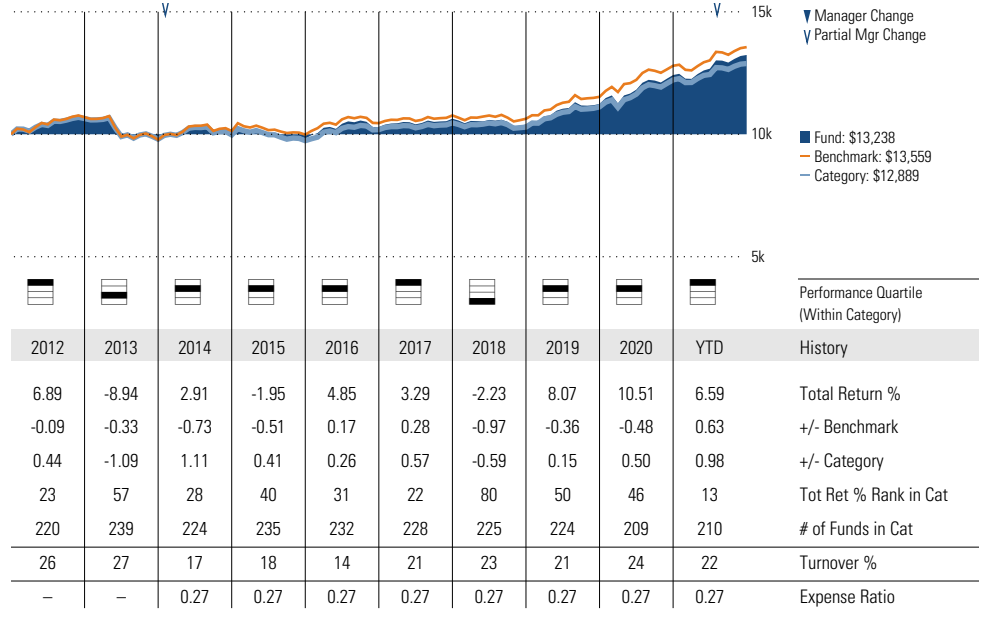
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.27 is 55.74% lower than the Inflation-Protected Bond category average.

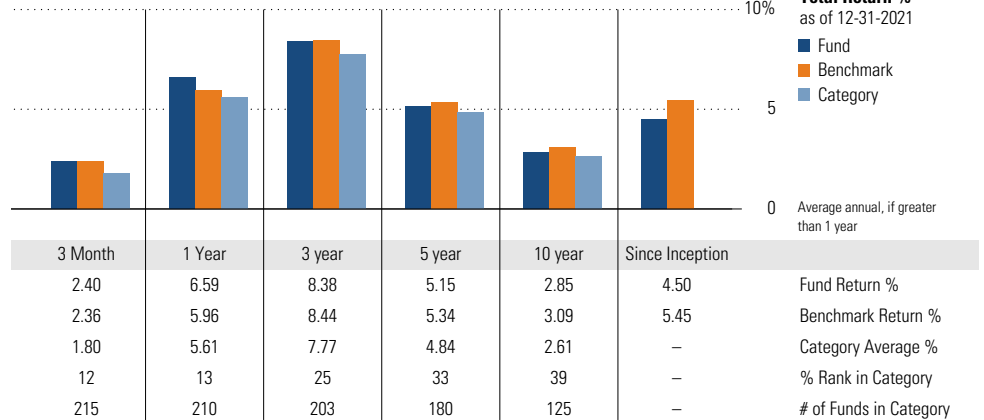
## Morningstar Investment Management LLC Analysis

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

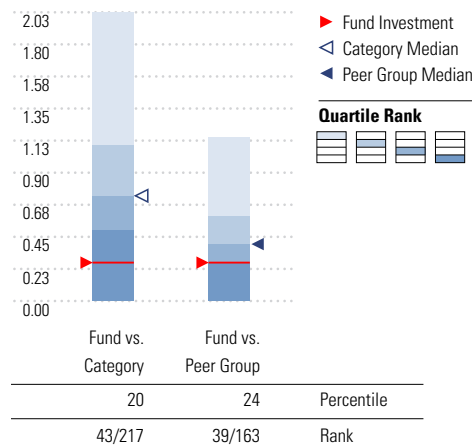
## Growth of \$10,000



## 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	-0.46	-	-0.07
Beta	1.05	-	0.90
R-Squared	96.18	-	76.48
Standard Deviation	4.17	3.90	4.22
Sharpe Ratio	1.75	1.90	1.65
Tracking Error	0.84	-	2.21
Information Ratio	-0.07	-	-0.60
Up Capture Ratio	101.45	-	90.34
Down Capture Ratio	108.83	-	95.16

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	7.37	4.52	6.06
Avg Eff Maturity	8.12	-	7.06

# American Century Inflation Adjs Bond R5 AIANX

**Morningstar Category**  
Inflation-Protected Bond

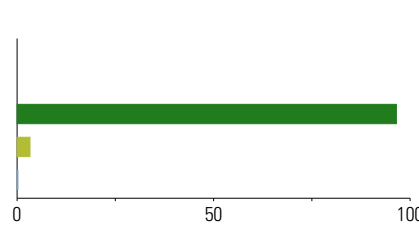
**Morningstar Index**  
BBgBarc US Treasury US TIPS TR USD

## Style Analysis as of 12-31-2021

### Style Breakdown



## Asset Allocation as of 12-31-2021

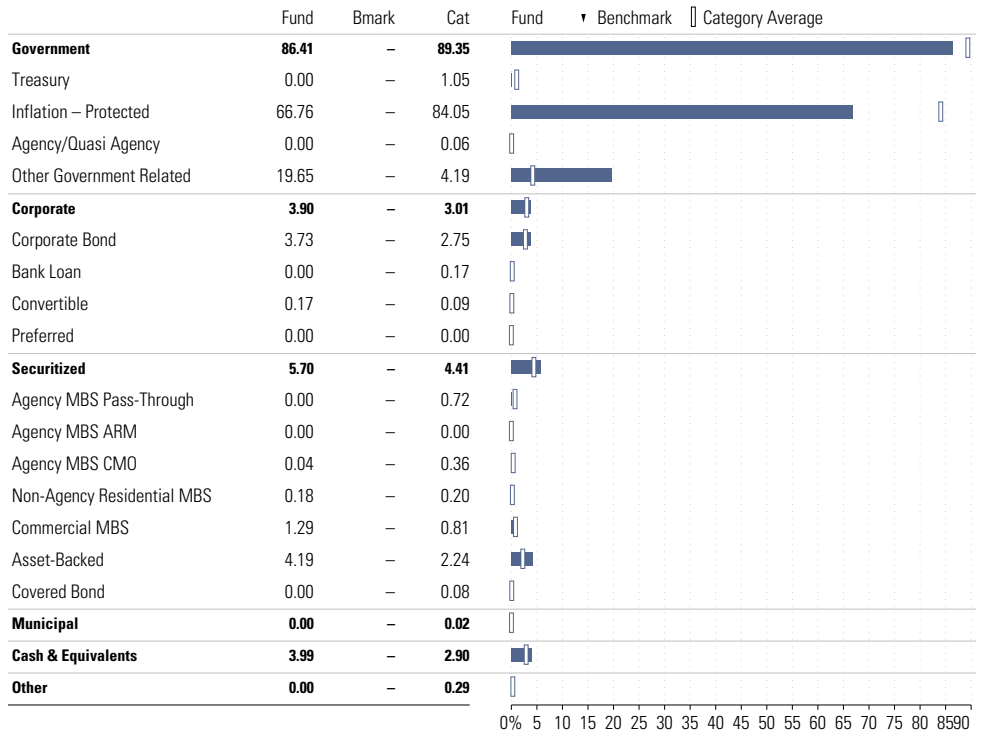


Asset Class	Net %	Cat%
US Stocks	0.00	0.05
Non-US Stocks	0.00	0.00
Bonds	96.51	99.03
Cash	3.28	0.24
Other	0.21	0.67
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	87.33	0.00	89.25
AA	2.04	99.60	6.41
A	3.32	0.00	1.27
BBB	4.29	0.00	1.83
BB	0.09	0.00	0.28
B	0.00	0.00	0.10
Below B	0.00	0.00	0.06
Not Rated	2.93	0.40	0.80

## Sector Weighting as of 12-31-2021



## Top 10 Holdings as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Notes 0.125%	10-2025	6.26	6.26	-
⊕ United States Treasury Notes 0.625%	01-2026	5.05	11.31	-
⊖ United States Treasury Notes 0.125%	01-2023	4.04	15.35	-
⊕ United States Treasury Bonds 2%	01-2026	3.80	19.14	-
⊕ 5 Year Treasury Note Future Mar 22	03-2022	3.45	22.59	-
⊕ United States Treasury Bonds 1.375%	02-2044	3.05	25.64	-
⊕ United States Treasury Bonds 0.75%	02-2042	3.05	28.69	-
⊖ United States Treasury Notes 0.125%	07-2030	2.91	31.60	-
⊕ United States Treasury Notes 0.25%	01-2025	2.85	34.45	-
⊕ United States Treasury Notes 0.5%	01-2028	2.76	37.21	-

## Total Holdings 220

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# 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  
Phillip Davidson since 03-2004  
Kevin Toney since 08-2008  
Brian Woglom since 02-2012

## Quantitative Screens

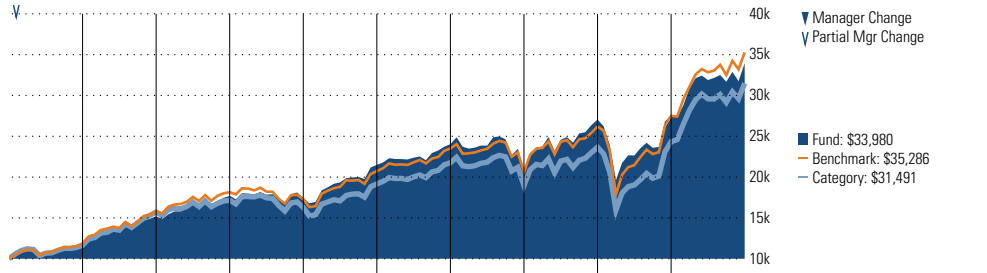
✔ **Performance:** The fund has finished in the Mid-Cap Value category's top three quartiles in 8 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 17.76 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 0.78 is 21.21% lower than the Mid-Cap Value category average.

## Growth of \$10,000



	2012	2013	2014	2015	2016	2017	2018	2019	2020	YTD	History
Performance Quartile (Within Category)	III	III	III	III	III	III	III	III	III	III	III
Total Return %	16.66	30.26	16.55	-1.36	23.07	11.79	-12.84	29.12	1.88	23.30	Total Return %
+/- Benchmark	-1.85	-3.20	1.80	3.42	3.07	-1.55	-0.55	2.06	-3.08	-5.04	+/- Benchmark
+/- Category	0.06	-4.88	7.24	4.05	5.01	-1.43	0.02	3.94	-0.75	-6.02	+/- Category
Tot Ret % Rank in Cat	47	88	2	14	14	67	49	23	60	92	Tot Ret % Rank in Cat
# of Funds in Cat	430	441	432	474	436	441	459	431	419	415	# of Funds in Cat
Turnover %	82	61	67	66	66	49	47	53	55	65	Turnover %
Expense Ratio	-	-	0.80	0.80	0.80	0.78	0.76	0.76	0.78	0.77	Expense Ratio

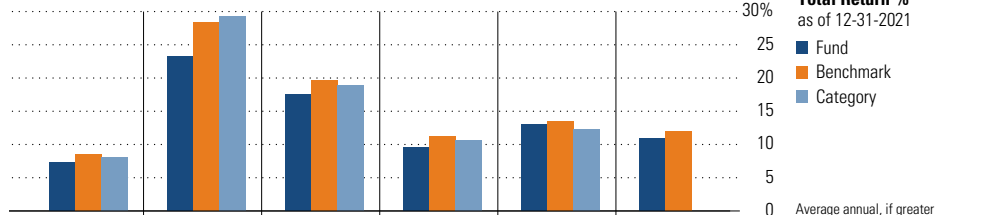
## Morningstar Investment Management LLC Analysis

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## ESG Metrics

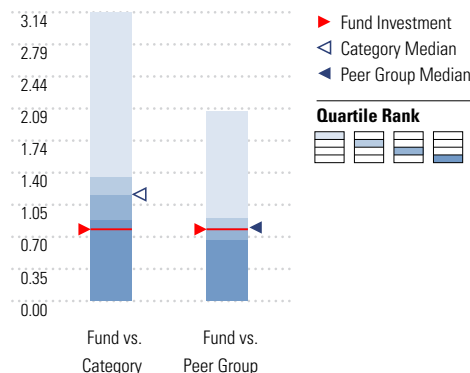
Metric	Rating	Updated
ESG Commitment	1-Low	01-07-2022
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Medium Risk	09-30-2021

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	
Fund Return %	7.25	23.30	17.49	9.59	13.01	10.89	Fund Return %
Benchmark Return %	8.54	28.34	19.62	11.22	13.44	11.94	Benchmark Return %
Category Average %	8.09	29.32	18.85	10.60	12.30	-	Category Average %
% Rank in Category	70	92	73	75	31	-	% Rank in Category
# of Funds in Category	421	415	393	353	267	-	# of Funds in Category

## Net Expense



	29	45	Percentile
	122/423	131/293	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	0.33	-	-1.18
Beta	0.87	-	1.03
R-Squared	96.89	-	96.42
Standard Deviation	19.57	22.27	23.42
Sharpe Ratio	0.88	0.89	0.83
Tracking Error	4.57	-	4.94
Information Ratio	-0.47	-	-0.21
Up Capture Ratio	90.19	-	101.57
Down Capture Ratio	90.98	-	106.78

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.81	17.74	16.76
Price/Book Ratio	2.20	2.45	2.10
Geom Avg Mkt Cap \$B	18.73	18.96	13.99
ROE	15.43	15.83	17.02

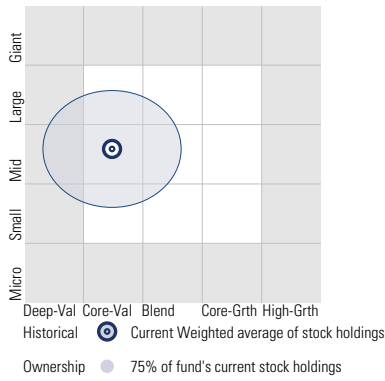
# American Century Mid Cap Value I AVUAX

**Morningstar Category**  
Mid-Cap Value

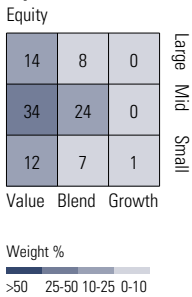
**Morningstar Index**  
Russell Mid Cap Value TR USD

## Style Analysis as of 12-31-2021

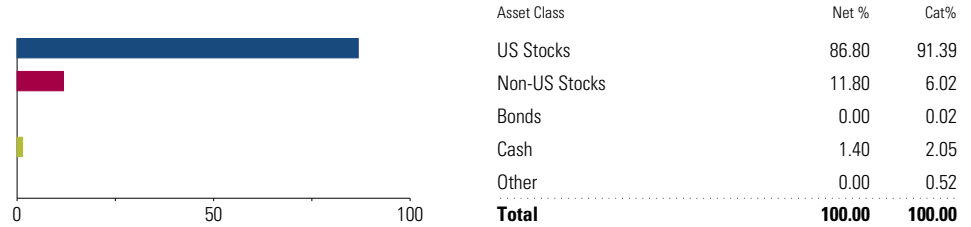
Morningstar Style Box™



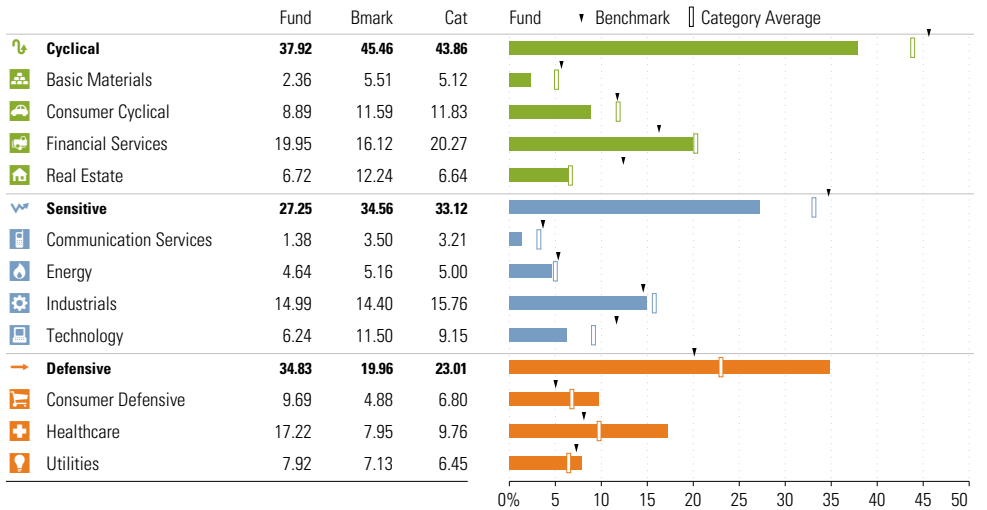
## Style Breakdown



## Asset Allocation as of 12-31-2021



## Sector Weighting as of 12-31-2021



## Top 15 Holdings as of 12-31-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Zimmer Biomet Holdings Inc	3.08	3.08	-16.93	Healthcare
⊖ Northern Trust Corp	2.38	5.46	31.43	Financial Services
⊖ Cerner Corp	2.33	7.79	19.52	Healthcare
⊕ Conagra Brands Inc	2.05	9.85	-2.58	Consumer Defensive
⊖ Advance Auto Parts Inc	1.96	11.81	54.36	Consumer Cyclical
⊖ Edison International	1.96	13.76	12.92	Utilities
⊖ Bank of New York Mellon Corp	1.94	15.70	39.92	Financial Services
⊕ Southwest Airlines Co	1.85	17.55	-8.09	Industrials
⊕ Emerson Electric Co	1.77	19.32	18.20	Industrials
⊕ Sonoco Products Co	1.75	21.07	0.74	Consumer Cyclical
⊕ Universal Health Services Inc Class B	1.75	22.82	-5.12	Healthcare
⊖ Aflac Inc	1.72	24.54	34.27	Financial Services
⊕ Reinsurance Group of America Inc	1.64	26.18	-3.06	Financial Services
⊖ Henry Schein Inc	1.60	27.78	15.96	Healthcare
⊖ Truist Financial Corp	1.55	29.33	26.04	Financial Services

## Total Holdings 97

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# American Century Real Estate I REAIX

**Morningstar Category**  
Real Estate

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 13.13 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.96 is 9.43% lower than the Real Estate category average.

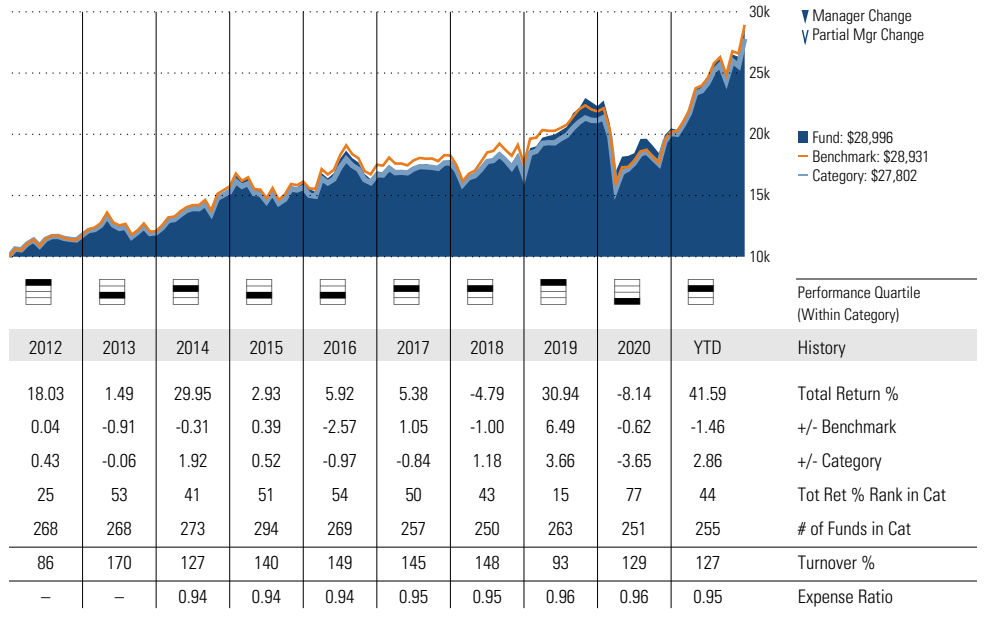
## Morningstar Investment Management LLC Analysis

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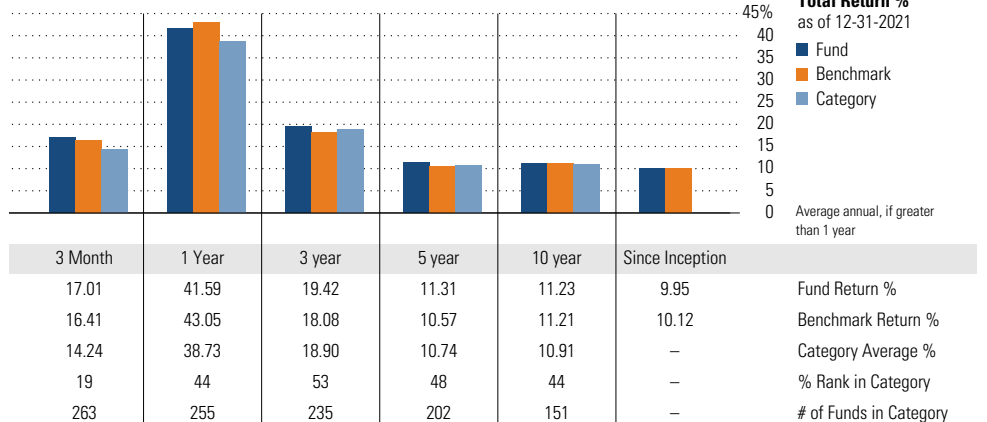
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Medium Risk	09-30-2021

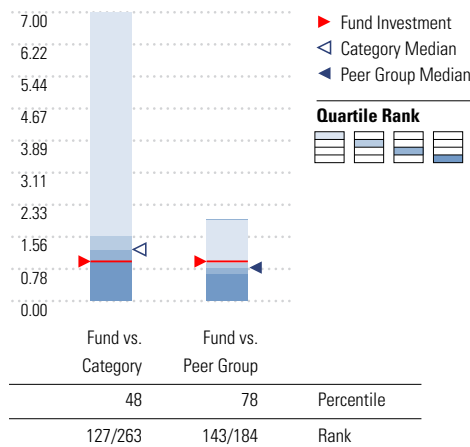
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	2.45	-	2.48
Beta	0.92	-	0.92
R-Squared	96.04	-	93.00
Standard Deviation	18.57	19.89	19.01
Sharpe Ratio	1.01	0.90	1.02
Tracking Error	4.06	-	5.07
Information Ratio	0.33	-	0.42
Up Capture Ratio	100.95	-	98.38
Down Capture Ratio	94.88	-	90.01

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	37.40	38.46	37.45
Price/Book Ratio	3.57	2.42	3.24
Geom Avg Mkt Cap \$B	29.16	9.35	29.84
ROE	15.43	9.56	15.04

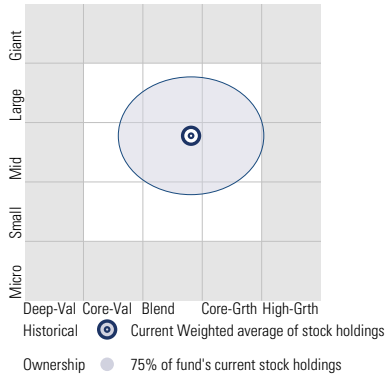
# American Century Real Estate I REAIX

**Morningstar Category**  
Real Estate

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

## Style Analysis as of 12-31-2021

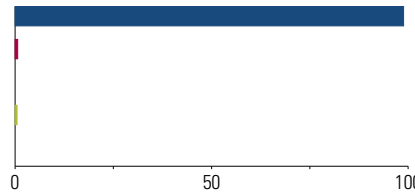
Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	98.85	87.05
Non-US Stocks	0.66	1.70
Bonds	0.00	3.11
Cash	0.49	1.72
Other	0.00	6.43
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2021

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>98.45</b>	<b>99.13</b>	<b>98.87</b>			
Basic Materials	0.66	0.00	0.10			
Consumer Cyclical	0.00	0.13	1.95			
Financial Services	0.00	0.00	0.24			
Real Estate	97.79	99.00	96.58			
<b>Sensitive</b>	<b>1.55</b>	<b>0.87</b>	<b>1.11</b>			
Communication Services	0.00	0.00	0.32			
Energy	0.00	0.00	0.01			
Industrials	0.00	0.87	0.24			
Technology	1.55	0.00	0.54			
<b>Defensive</b>	<b>0.00</b>	<b>0.00</b>	<b>0.02</b>			
Consumer Defensive	0.00	0.00	0.00			
Healthcare	0.00	0.00	0.00			
Utilities	0.00	0.00	0.02			

## Top 15 Holdings as of 12-31-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Prologis Inc	11.05	11.05	71.46	Real Estate
⊕ American Tower Corp	7.39	18.44	32.63	Real Estate
⊕ SBA Communications Corp	6.09	24.54	38.71	Real Estate
⊖ Invitation Homes Inc	5.13	29.66	54.95	Real Estate
⊕ Extra Space Storage Inc	5.05	34.71	99.58	Real Estate
⊕ Digital Realty Trust Inc	4.91	39.62	30.11	Real Estate
⊕ AvalonBay Communities Inc	4.90	44.52	61.41	Real Estate
⊕ Welltower Inc	4.48	49.00	36.51	Real Estate
⊕ Life Storage Inc	4.13	53.13	96.32	Real Estate
⊖ Simon Property Group Inc	3.92	57.05	94.21	Real Estate
⊕ Sun Communities Inc	3.67	60.72	40.37	Real Estate
⊕ Rexford Industrial Realty Inc	3.12	63.84	67.11	Real Estate
⊕ Camden Property Trust	3.01	66.85	82.15	Real Estate
⊖ UDR Inc	2.95	69.80	59.87	Real Estate
⊕ Kimco Realty Corp	2.72	72.53	68.75	Real Estate

**Total Holdings 41**

⊕ 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  
Joanna Jonsson since 01-2015  
David Hoag since 01-2020  
Michelle Black since 01-2020  
Samir Mathur since 01-2020  
Shannon Ward since 01-2021

## 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 10.01 years.

✘ **Style:** The fund has landed in its primary style box — Large Value — 63.64 % 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.

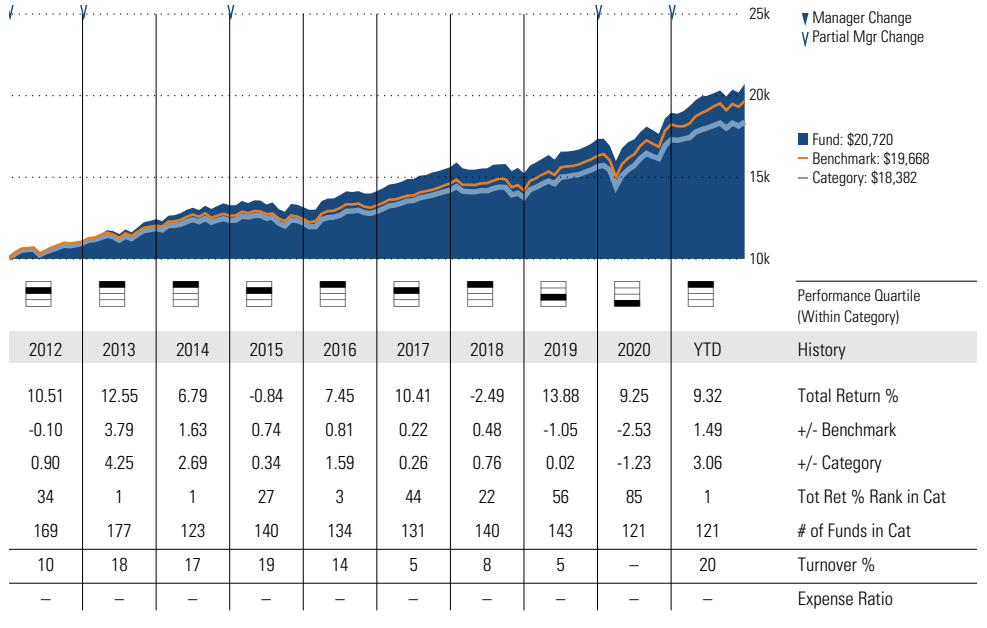
## Morningstar Investment Management LLC Analysis

This fund fails our style screen but its positioning is consistent with its investment strategy and historical portfolios, so we don't think the failure is significant.

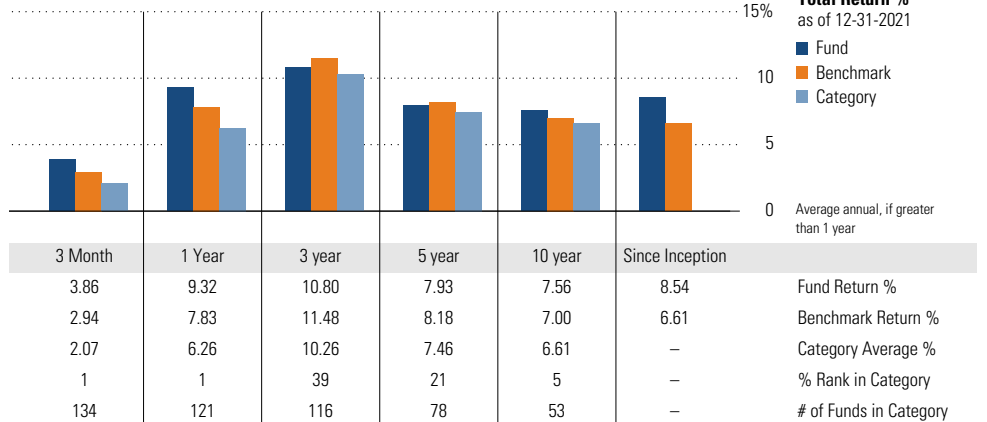
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	11-30-2021

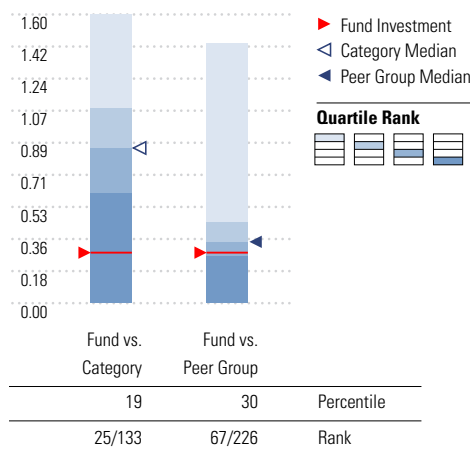
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.43	-	-0.38
Beta	0.90	-	0.92
R-Squared	96.53	-	96.47
Standard Deviation	6.99	7.61	7.09
Sharpe Ratio	1.38	1.36	1.28
Tracking Error	1.50	-	1.82
Information Ratio	-0.45	-	-0.75
Up Capture Ratio	92.51	-	88.14
Down Capture Ratio	89.11	-	88.36

## Portfolio Metrics

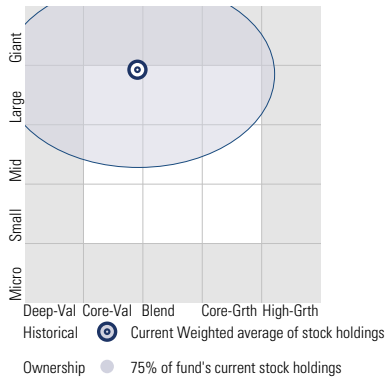
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.38	19.81	19.80
Price/Book Ratio	3.03	2.81	2.86
Avg Eff Duration	4.20	6.70	6.75

# American Funds 2010 Trgt Date Retire R6 RFTTX

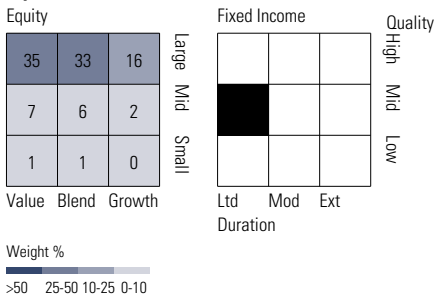
**Morningstar Category**  
Target-Date 2000-2010

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

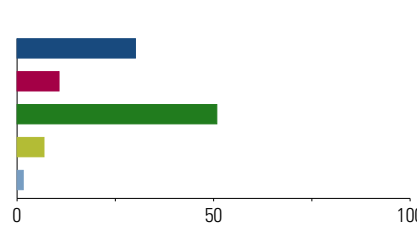
**Style Analysis** as of 12-31-2021  
Morningstar Style Box™



**Style Breakdown**

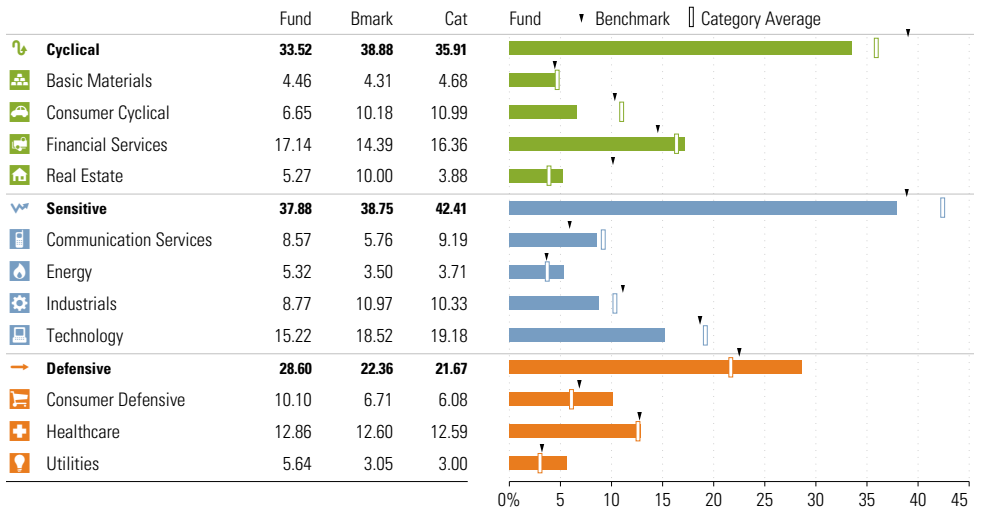


**Asset Allocation** as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	30.11	22.14
Non-US Stocks	10.67	13.09
Bonds	50.82	53.88
Cash	6.84	7.91
Other	1.56	2.99
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 12-31-2021



**Top 10 Holdings** as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds Interim Bd Fd of Amer R6	—	15.46	15.46	—	—
⊕ American Funds Income Fund of Amer R6	—	15.16	30.63	—	—
⊕ American Funds Bond Fund of Amer R6	—	8.66	39.29	—	—
⊕ American Funds American Balanced R6	—	7.06	46.35	—	—
⊕ American Funds ST Bd Fd of Amer R6	—	6.86	53.21	—	—
⊕ American Funds Capital Income Bldr R6	—	6.50	59.71	—	—
⊕ American Funds Mortgage R6	—	6.26	65.97	—	—
⊕ American Funds Inflation Linked Bd R6	—	6.14	72.12	—	—
⊖ American Funds American Mutual R6	—	5.65	77.77	—	—
⊕ American Funds Capital World Gr&Inc R6	—	4.24	82.01	—	—

**Total Holdings 17**

⊕ 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  
Joanna Jonsson since 01-2015  
Samir Mathur since 01-2020  
David Hoag since 01-2020  
Michelle Black since 01-2020  
Shannon Ward since 01-2021

## 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 10.01 years.

✘ **Style:** The fund has landed in its primary style box — Large Value — 54.55 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.29 is 50.85% lower than the Target-Date 2015 category average.

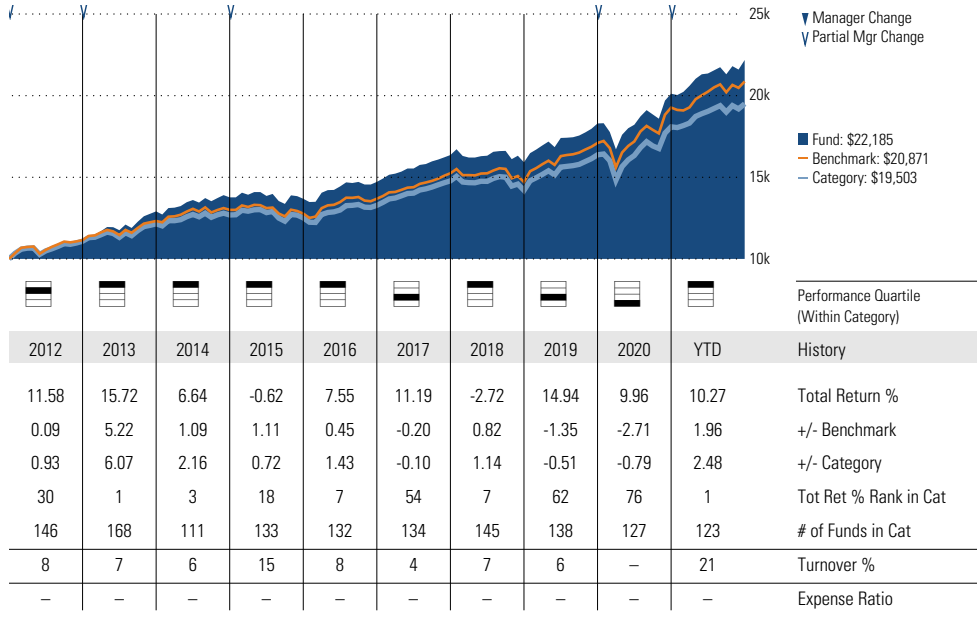
## Morningstar Investment Management LLC Analysis

This fund fails our style screen but its positioning is consistent with its investment strategy and historical portfolios, so we don't think the failure is significant.

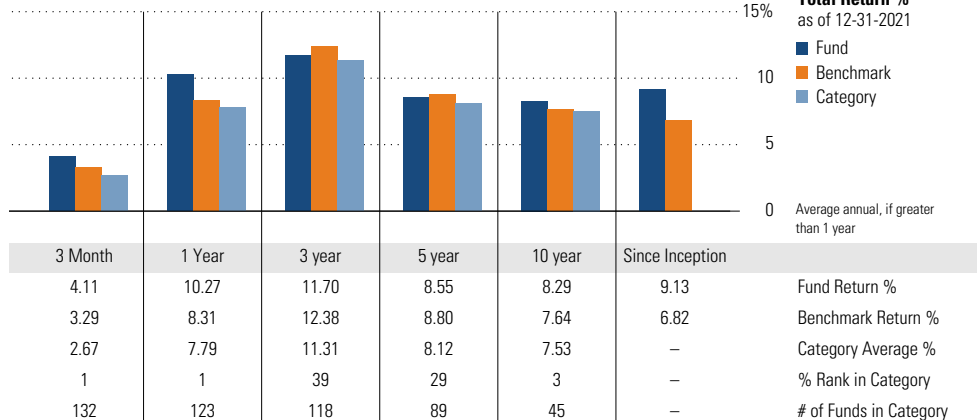
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	11-30-2021

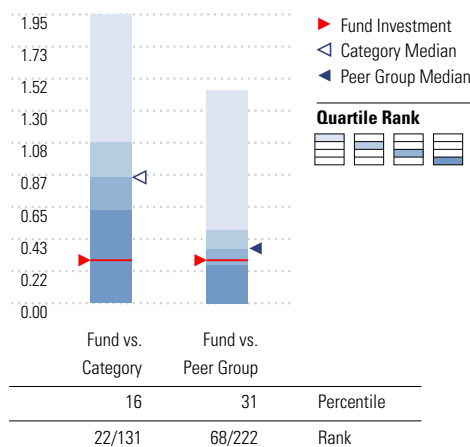
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.50	-	-0.79
Beta	0.90	-	0.97
R-Squared	96.11	-	96.08
Standard Deviation	7.70	8.35	8.30
Sharpe Ratio	1.37	1.34	1.22
Tracking Error	1.72	-	1.79
Information Ratio	-0.39	-	-0.66
Up Capture Ratio	93.03	-	92.30
Down Capture Ratio	89.87	-	95.84

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.80	19.62	19.64
Price/Book Ratio	3.11	2.77	2.83
Avg Eff Duration	4.59	7.78	5.27

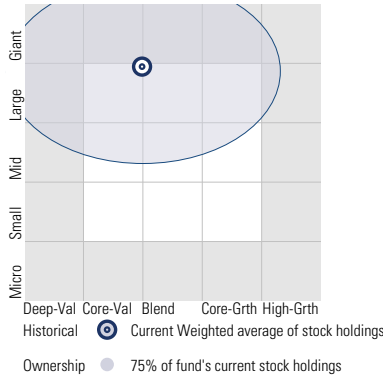
# American Funds 2015 Trgt Date Retire R6 RFJTX

**Morningstar Category**  
Target-Date 2015

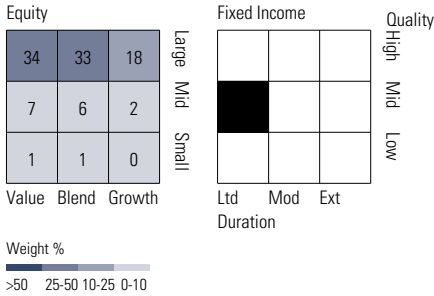
**Morningstar Index**  
Morningstar Lifetime Mod 2015 TR USD

## Style Analysis as of 12-31-2021

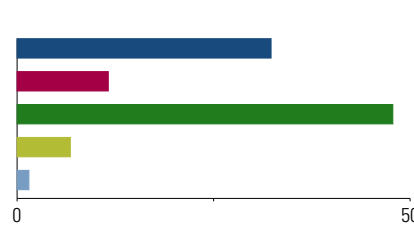
Morningstar Style Box™



## Style Breakdown

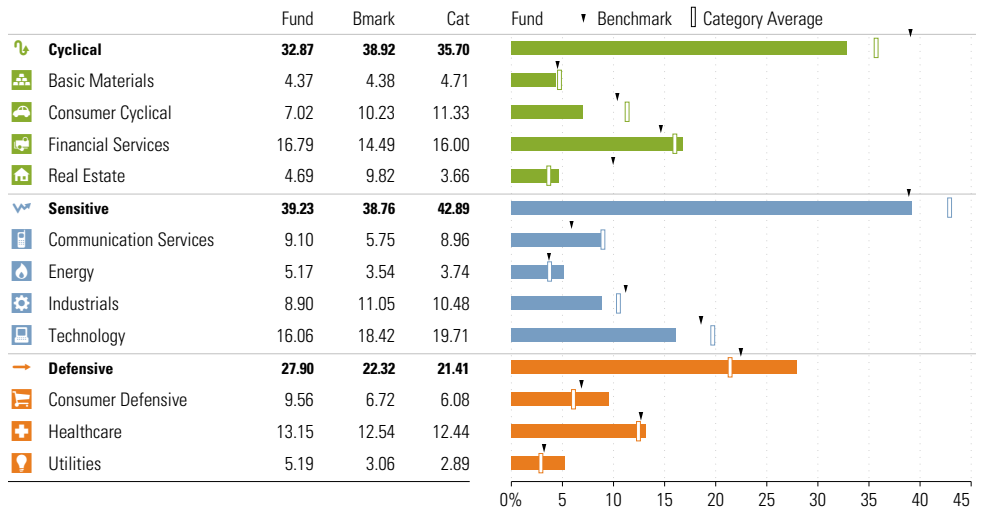


## Asset Allocation as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	32.31	24.31
Non-US Stocks	11.60	14.78
Bonds	47.80	50.16
Cash	6.77	6.35
Other	1.50	4.40
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2021



## Top 10 Holdings as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds Income Fund of Amer R6	–	12.49	12.49	–	–
⊕ American Funds Interm Bd Fd of Amer R6	–	10.91	23.40	–	–
⊕ American Funds Bond Fund of Amer R6	–	7.91	31.31	–	–
⊕ American Funds American Balanced R6	–	7.67	38.98	–	–
⊕ American Funds Inflation Linked Bd R6	–	6.94	45.93	–	–
⊕ American Funds Capital Income Bldr R6	–	6.07	52.00	–	–
⊖ American Funds American Mutual R6	–	6.05	58.05	–	–
⊕ American Funds Mortgage R6	–	5.91	63.95	–	–
⊕ American Funds Capital World Gr&Inc R6	–	5.06	69.01	–	–
⊕ American Funds American High-Inc R6	–	4.96	73.97	–	–

## Total Holdings 20

⊕ 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  
Joanna Jonsson since 01-2015  
Michelle Black since 01-2020  
David Hoag since 01-2020  
Samir Mathur since 01-2020  
Shannon Ward since 01-2021

## 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 10.01 years.

✔ **Style:** The fund has landed in its primary style box — Large Blend — 90.91 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.3 is 52.38% lower than the Target-Date 2020 category average.

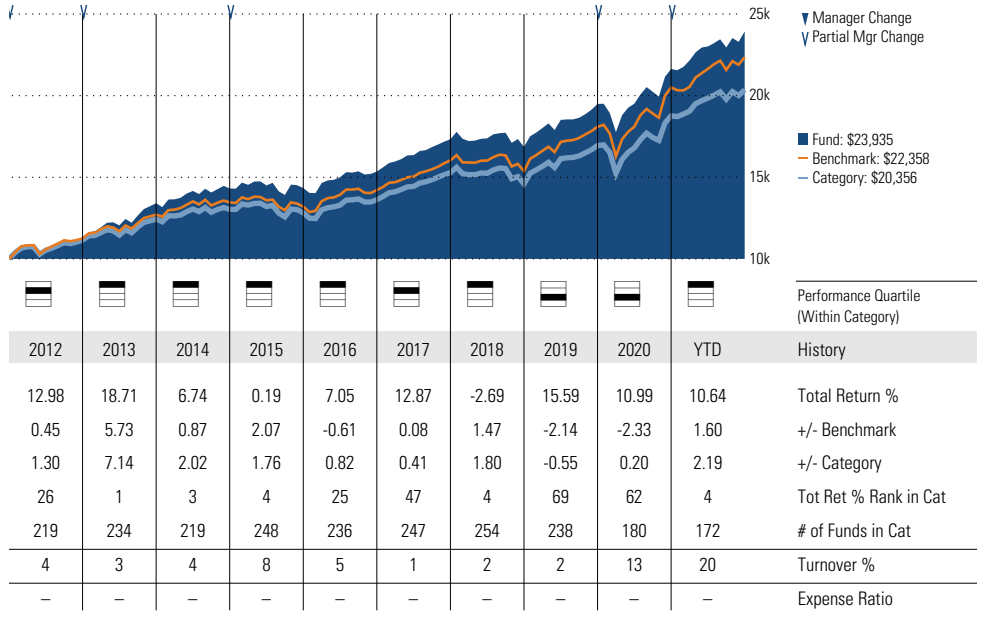
## Morningstar Investment Management LLC Analysis

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

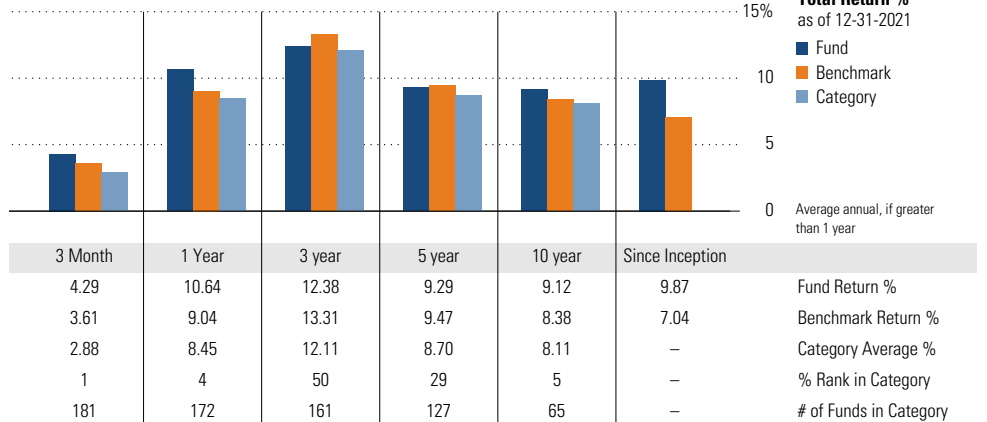
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	11-30-2021

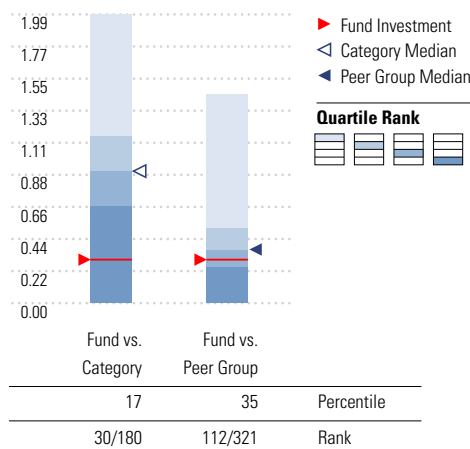
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.94	-	-0.60
Beta	0.86	-	0.95
R-Squared	96.64	-	96.07
Standard Deviation	8.06	9.27	8.94
Sharpe Ratio	1.39	1.31	1.21
Tracking Error	1.99	-	2.00
Information Ratio	-0.46	-	-0.72
Up Capture Ratio	89.80	-	91.08
Down Capture Ratio	83.58	-	93.59

## Portfolio Metrics

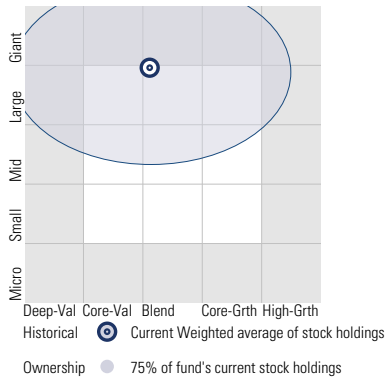
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.28	19.42	20.30
Price/Book Ratio	3.19	2.74	2.89
Avg Eff Duration	4.75	8.67	4.93

# American Funds 2020 Trgt Date Retire R6 RRCTX

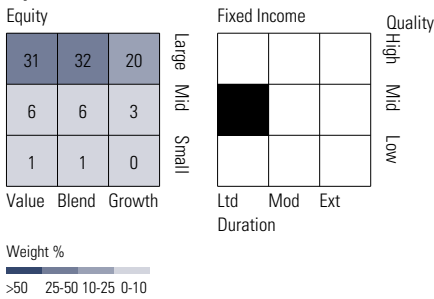
**Morningstar Category**  
Target-Date 2020

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

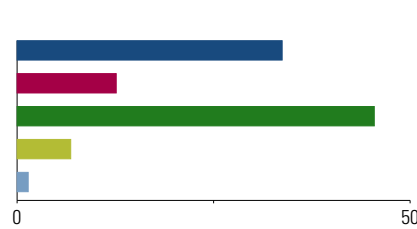
**Style Analysis** as of 12-31-2021  
Morningstar Style Box™



**Style Breakdown**

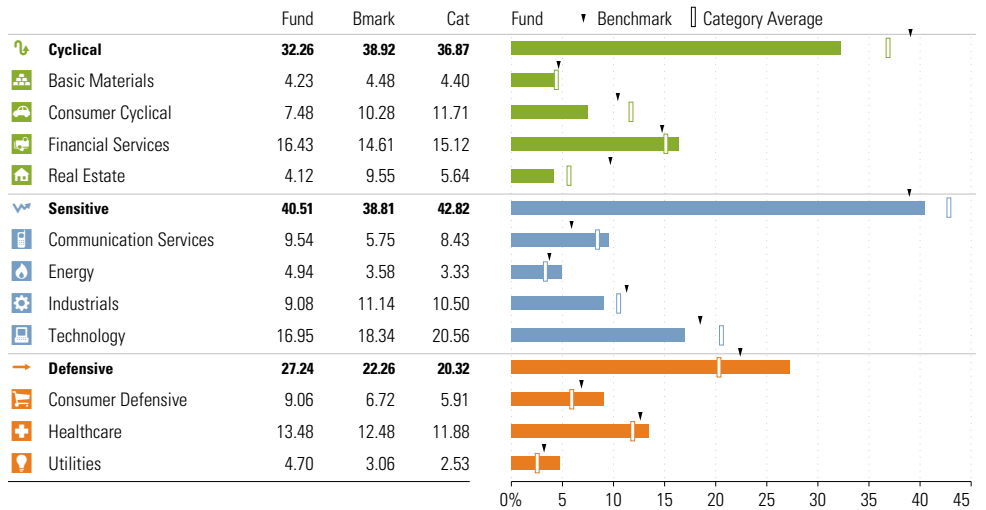


**Asset Allocation** as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	33.72	26.50
Non-US Stocks	12.61	15.01
Bonds	45.44	46.34
Cash	6.82	3.99
Other	1.41	8.18
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 12-31-2021



**Top 10 Holdings** as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds Income Fund of Amer R6	—	9.69	9.69	—	—
⊕ American Funds Interm Bd Fd of Amer R6	—	8.93	18.62	—	—
⊕ American Funds American Balanced R6	—	8.09	26.71	—	—
⊕ American Funds Bond Fund of Amer R6	—	7.93	34.63	—	—
⊕ American Funds Inflation Linked Bd R6	—	6.93	41.56	—	—
⊖ American Funds American Mutual R6	—	6.04	47.60	—	—
⊕ American Funds Mortgage R6	—	5.93	53.52	—	—
⊕ American Funds Capital World Gr&Inc R6	—	5.63	59.15	—	—
⊕ American Funds Capital Income Bldr R6	—	5.47	64.62	—	—
⊖ American Funds Washington Mutual R6	—	5.02	69.65	—	—

**Total Holdings** 20

⊕ 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  
Joanna Jonsson since 01-2015  
Michelle Black since 01-2020  
David Hoag since 01-2020  
Samir Mathur since 01-2020  
Shannon Ward since 01-2021

## 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 10.01 years.

✔ **Style:** The fund has landed in its primary style box — Large Blend — 90.91 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.31 is 53.73% lower than the Target-Date 2025 category average.

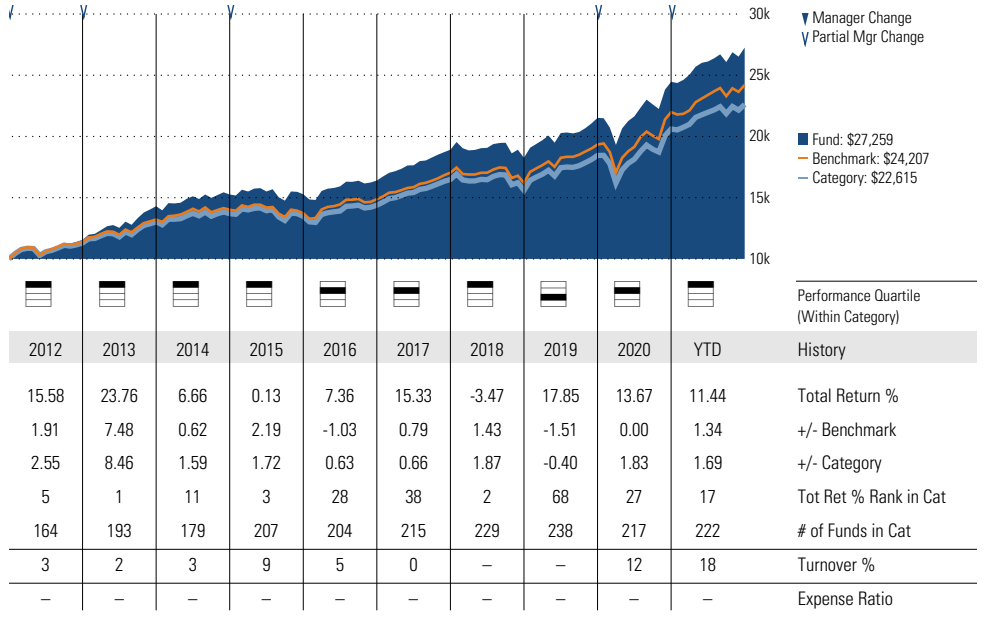
## Morningstar Investment Management LLC Analysis

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

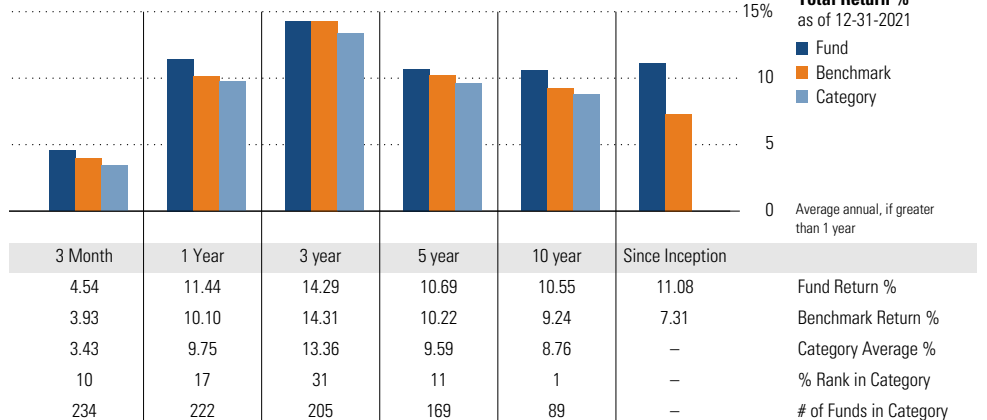
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2020

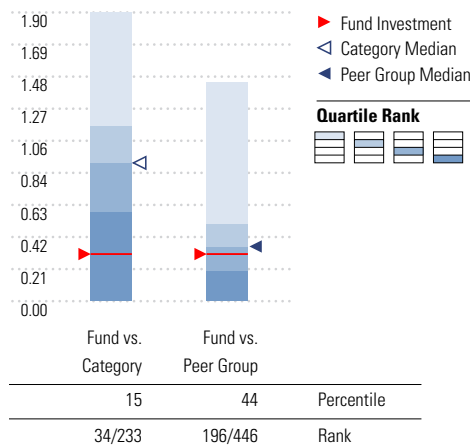
## Growth of \$10,000



## 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	-	-0.47
Beta	0.89	-	0.96
R-Squared	96.89	-	97.00
Standard Deviation	9.41	10.45	10.15
Sharpe Ratio	1.38	1.26	1.19
Tracking Error	2.04	-	2.02
Information Ratio	-0.01	-	-0.52
Up Capture Ratio	96.65	-	94.83
Down Capture Ratio	91.41	-	99.16

## Portfolio Metrics

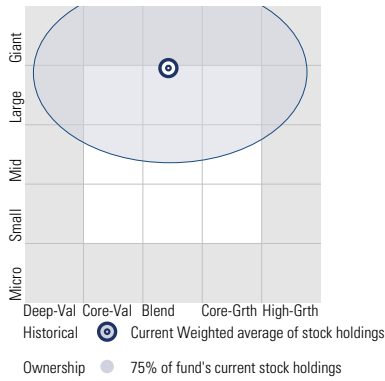
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	20.40	19.21	20.36
Price/Book Ratio	3.42	2.70	2.91
Avg Eff Duration	4.78	9.42	6.67

# American Funds 2025 Trgt Date Retire R6 RFDTX

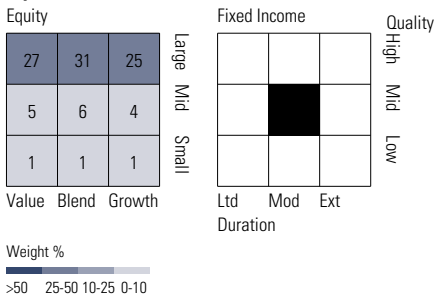
**Morningstar Category**  
Target-Date 2025

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

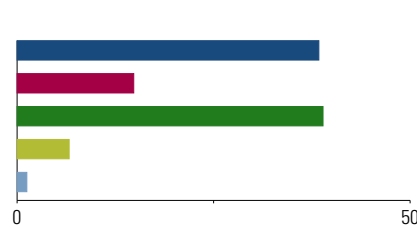
**Style Analysis** as of 12-31-2021  
Morningstar Style Box™



**Style Breakdown**

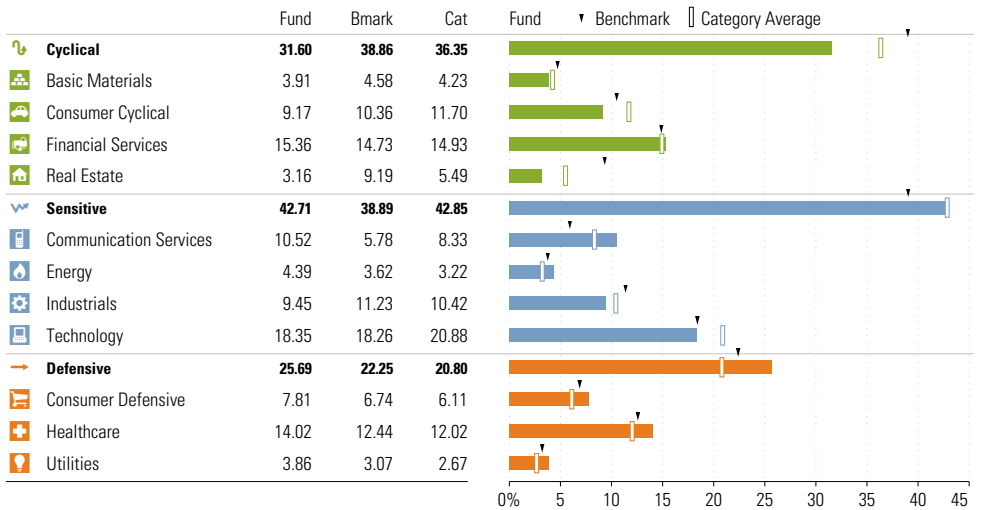


**Asset Allocation** as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	38.39	30.83
Non-US Stocks	14.84	16.49
Bonds	38.92	38.05
Cash	6.62	3.69
Other	1.24	10.93
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 12-31-2021



**Top 10 Holdings** as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds Interm Bd Fd of Amer R6	—	8.89	8.89	—	—
⊕ American Funds American Balanced R6	—	7.92	16.82	—	—
⊕ American Funds American Mutual R6	—	6.87	23.69	—	—
⊕ American Funds Capital World Gr&Inc R6	—	6.59	30.28	—	—
⊕ American Funds Bond Fund of Amer R6	—	6.09	36.37	—	—
⊕ American Funds Inflation Linked Bd R6	—	5.69	42.06	—	—
⊕ American Funds Income Fund of Amer R6	—	5.53	47.59	—	—
⊕ American Funds US Government Sec R6	—	5.49	53.09	—	—
⊕ American Funds Mortgage R6	—	5.29	58.38	—	—
⊕ American Funds Washington Mutual R6	—	5.20	63.58	—	—

**Total Holdings** 23

⊕ 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  
Joanna Jonsson since 01-2015  
Samir Mathur since 01-2020  
David Hoag since 01-2020  
Michelle Black since 01-2020  
Shannon Ward since 01-2021

## 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 10.01 years.

✔ **Style:** The fund has landed in its primary style box — Large Blend — 81.82 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.33 is 52.17% lower than the Target-Date 2030 category average.

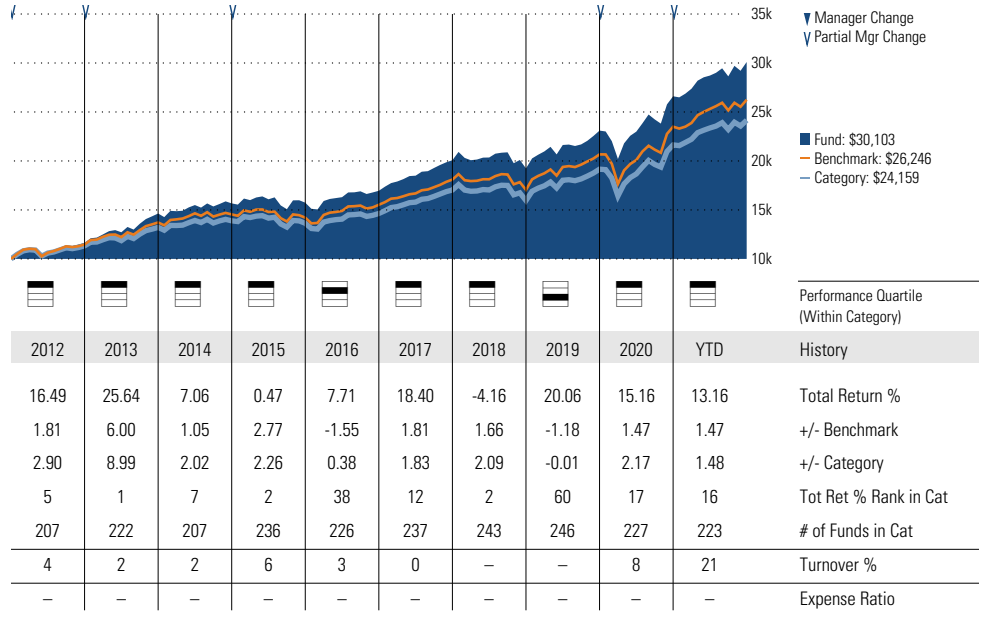
## Morningstar Investment Management LLC Analysis

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

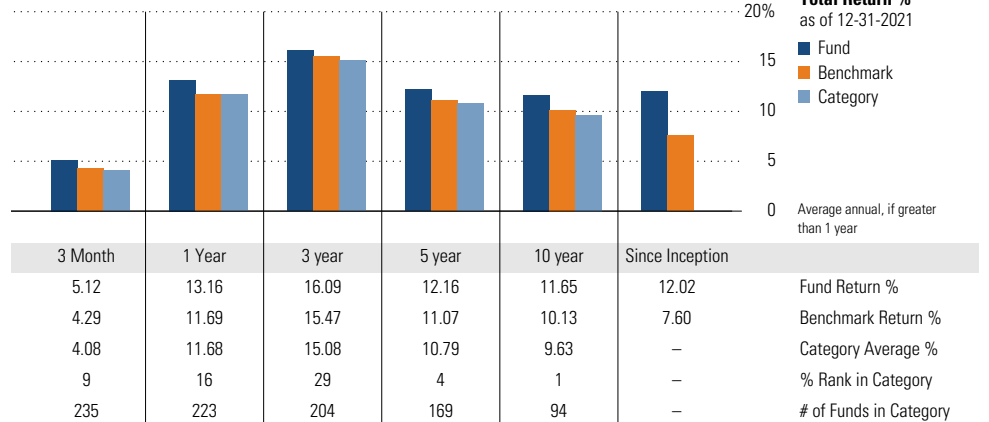
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

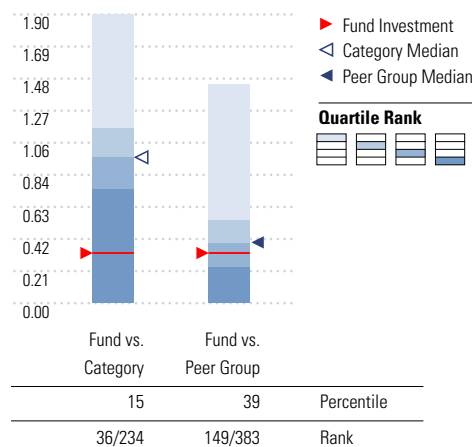
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.76	-	-0.09
Beta	0.91	-	0.97
R-Squared	97.76	-	98.04
Standard Deviation	11.12	12.05	11.82
Sharpe Ratio	1.32	1.19	1.17
Tracking Error	1.97	-	1.88
Information Ratio	0.31	-	-0.24
Up Capture Ratio	99.55	-	97.95
Down Capture Ratio	93.35	-	100.08

## Portfolio Metrics

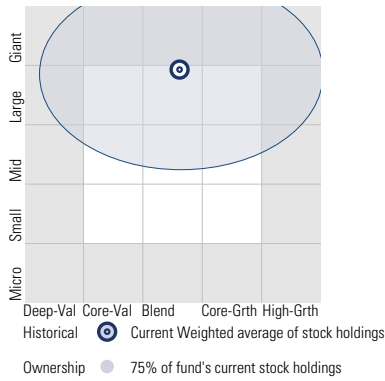
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	21.13	19.00	20.41
Price/Book Ratio	3.58	2.66	2.97
Avg Eff Duration	4.84	10.06	6.72

# American Funds 2030 Trgt Date Retire R6 RFETX

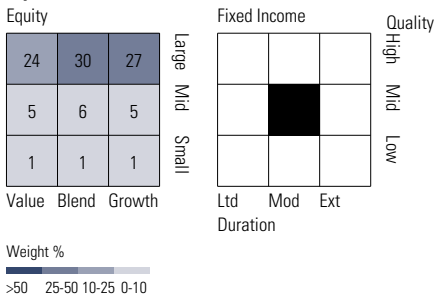
**Morningstar Category**  
Target-Date 2030

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

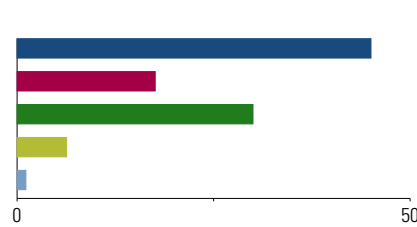
**Style Analysis** as of 12-31-2021  
Morningstar Style Box™



**Style Breakdown**

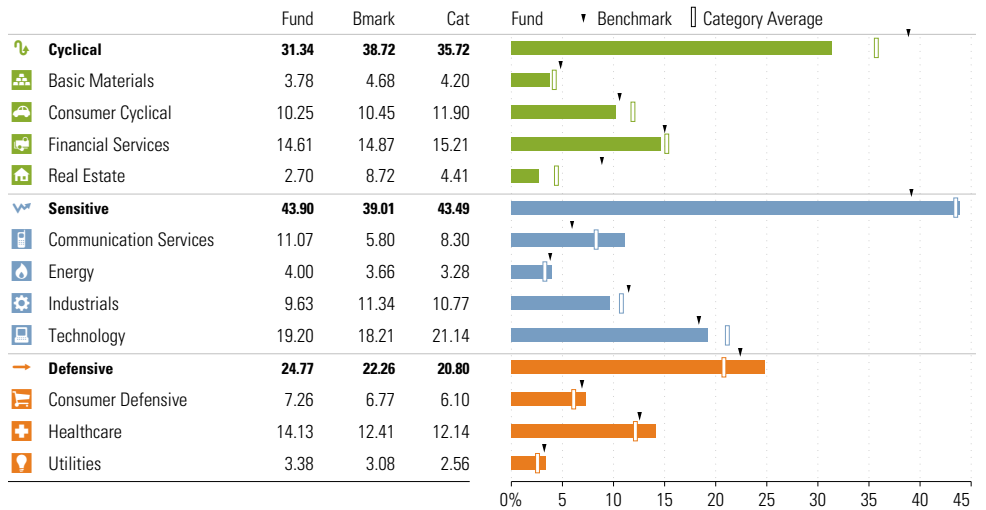


**Asset Allocation** as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	45.02	37.02
Non-US Stocks	17.57	19.27
Bonds	30.01	29.51
Cash	6.30	2.41
Other	1.12	11.79
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 12-31-2021



**Top 10 Holdings** as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds American Balanced R6	—	7.89	7.89	—	—
⊕ American Funds American Mutual R6	—	7.16	15.05	—	—
⊕ American Funds Capital World Gr&Inc R6	—	6.89	21.94	—	—
⊕ American Funds US Government Sec R6	—	6.56	28.50	—	—
⊕ American Funds AMCAP R6	—	6.10	34.60	—	—
⊕ American Funds Interm Bd Fd of Amer R6	—	5.96	40.56	—	—
⊕ American Funds Growth Fund of Amer R6	—	5.30	45.86	—	—
⊕ American Funds Washington Mutual R6	—	5.16	51.02	—	—
⊕ American Funds Fundamental Invs R6	—	4.99	56.01	—	—
⊕ American Funds Capital World Bond R6	—	4.96	60.97	—	—

**Total Holdings** 22

⊕ 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  
Joanna Jonsson since 01-2015  
Michelle Black since 01-2020  
David Hoag since 01-2020  
Samir Mathur since 01-2020  
Shannon Ward since 01-2021

## 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 10.01 years.

✔ **Style:** The fund has landed in its primary style box — Large Blend — 72.73 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.35 is 50% lower than the Target-Date 2035 category average.

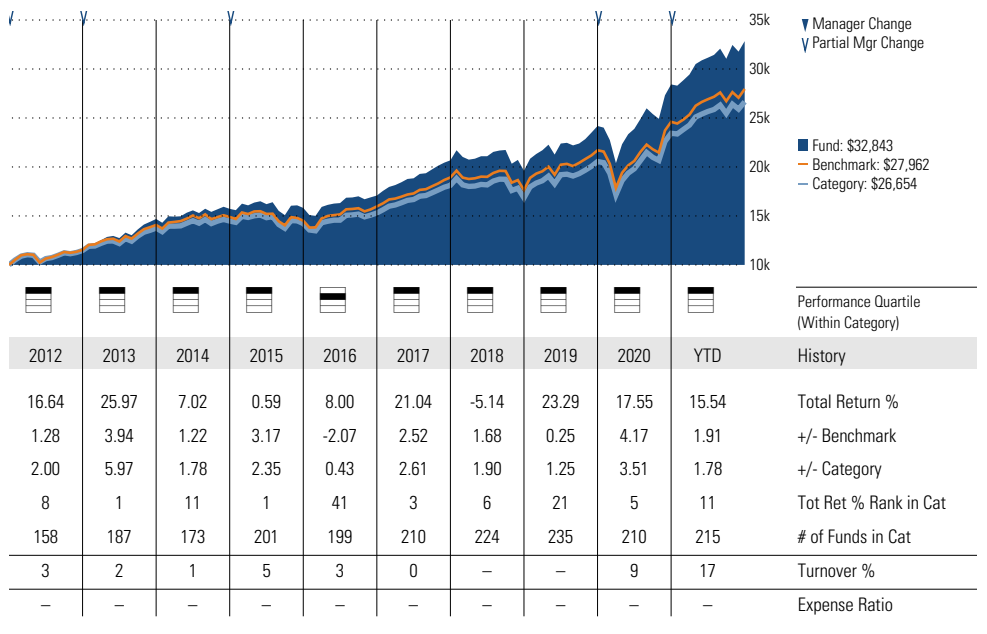
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

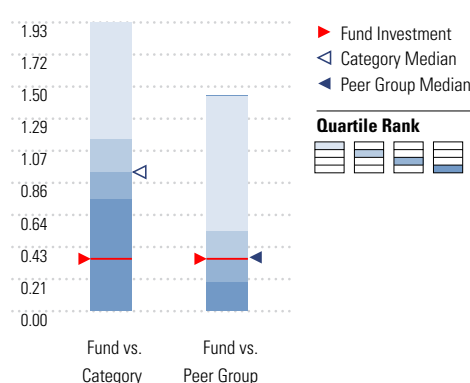
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	2.48	-	0.56
Beta	0.96	-	0.97
R-Squared	98.20	-	98.46
Standard Deviation	13.41	13.88	13.52
Sharpe Ratio	1.29	1.12	1.15
Tracking Error	1.90	-	1.91
Information Ratio	1.13	-	0.14
Up Capture Ratio	104.68	-	98.92
Down Capture Ratio	95.01	-	97.06

## Portfolio Metrics

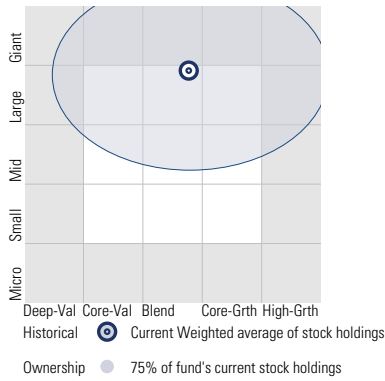
	Fund	Bmark	Cat
Price/Earnings Ratio	21.68	18.79	20.13
Price/Book Ratio	3.71	2.63	2.89
Avg Eff Duration	5.04	10.62	6.71

# American Funds 2035 Trgt Date Retire R6 RFFTX

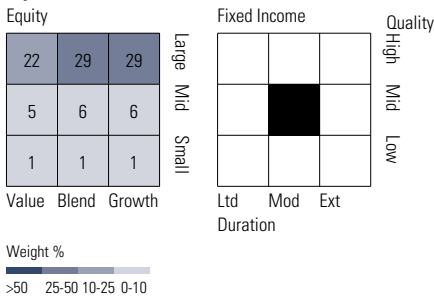
**Morningstar Category**  
Target-Date 2035

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

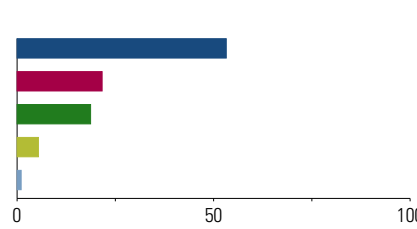
**Style Analysis** as of 12-31-2021  
Morningstar Style Box™



**Style Breakdown**

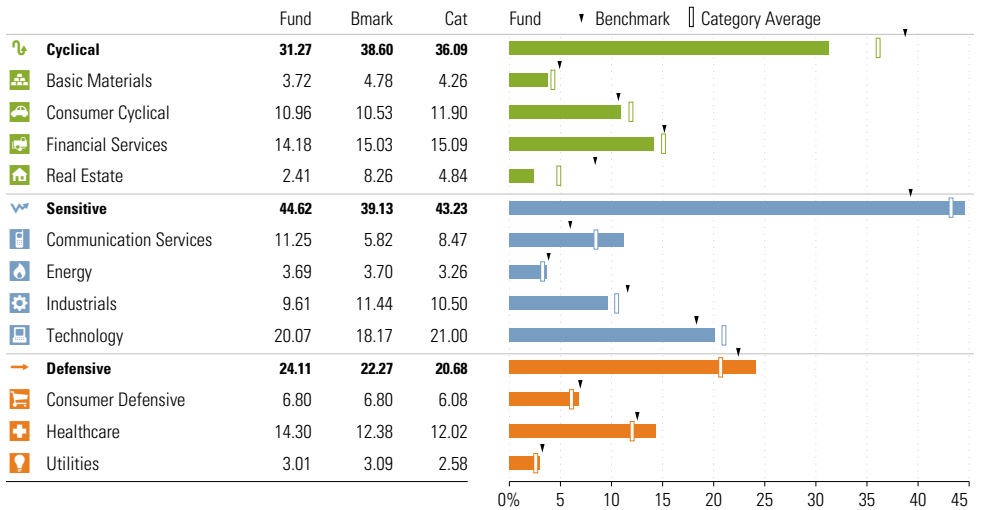


**Asset Allocation** as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	53.22	43.76
Non-US Stocks	21.63	24.21
Bonds	18.70	19.06
Cash	5.42	2.35
Other	1.03	10.60
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 12-31-2021



**Top 10 Holdings** as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds American Balanced R6	–	7.97	7.97	–	–
⊕ American Funds US Government Sec R6	–	7.61	15.57	–	–
⊕ American Funds American Mutual R6	–	7.16	22.73	–	–
⊕ American Funds Capital World Gr&Inc R6	–	6.87	29.61	–	–
⊕ American Funds AMCAP R6	–	6.66	36.27	–	–
⊕ American Funds Fundamental Invs R6	–	6.63	42.89	–	–
⊕ American Funds Growth Fund of Amer R6	–	6.57	49.47	–	–
⊕ American Funds Washington Mutual R6	–	5.82	55.29	–	–
⊕ American Funds New Perspective R6	–	5.51	60.80	–	–
⊕ American Funds SMALLCAP World R6	–	5.08	65.88	–	–

**Total Holdings** 23

⊕ 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  
Joanna Jonsson since 01-2015  
Michelle Black since 01-2020  
David Hoag since 01-2020  
Samir Mathur since 01-2020  
Shannon Ward since 01-2021

## 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 10.01 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.36 is 49.3% lower than the Target-Date 2040 category average.

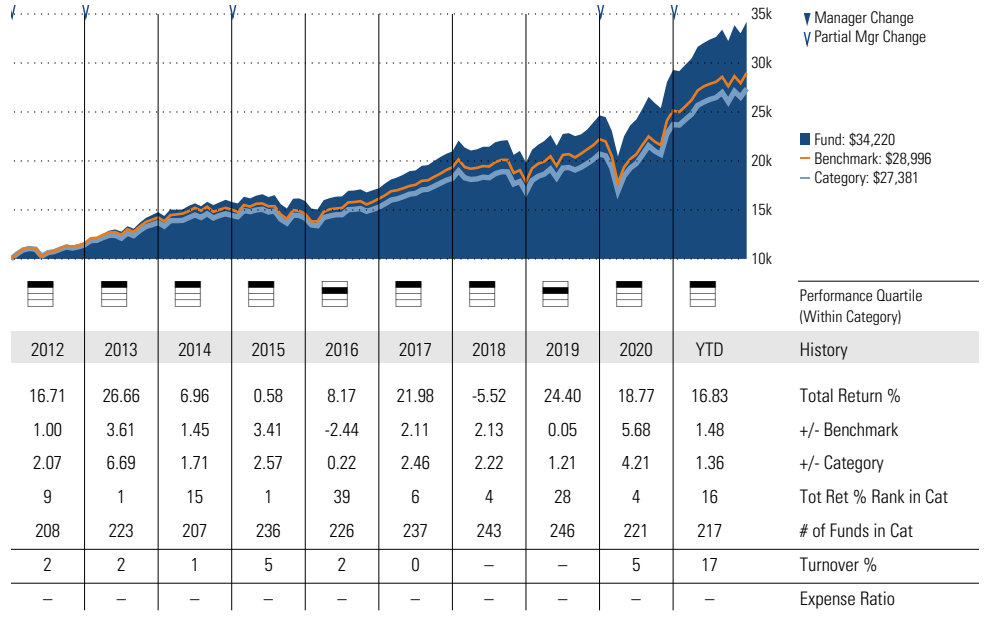
## Morningstar Investment Management LLC Analysis

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	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

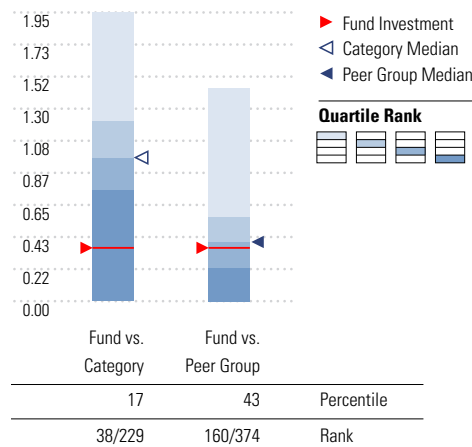
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	3.16	-	1.11
Beta	0.93	-	0.95
R-Squared	98.17	-	98.53
Standard Deviation	14.51	15.45	14.78
Sharpe Ratio	1.27	1.07	1.14
Tracking Error	2.24	-	2.03
Information Ratio	1.10	-	0.33
Up Capture Ratio	102.60	-	98.47
Down Capture Ratio	90.25	-	94.22

## Portfolio Metrics

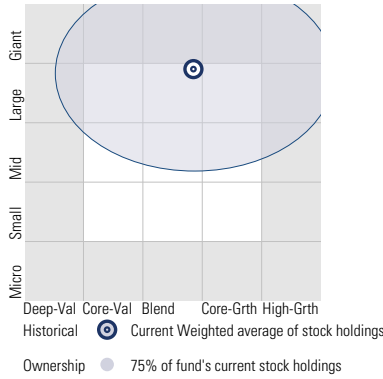
	Fund	Bmark	Cat
Price/Earnings Ratio	21.96	18.59	20.08
Price/Book Ratio	3.78	2.59	2.88
Avg Eff Duration	5.41	11.10	6.67

# American Funds 2040 Trgt Date Retire R6 RFGTX

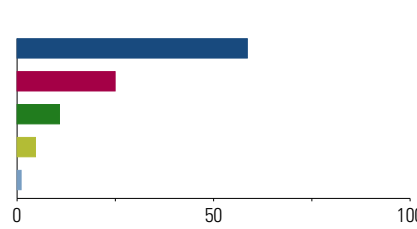
**Morningstar Category**  
Target-Date 2040

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

**Style Analysis** as of 12-31-2021  
Morningstar Style Box™



**Asset Allocation** as of 12-31-2021

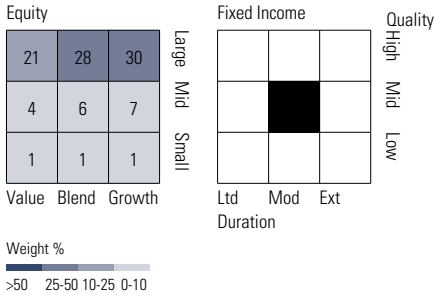


Asset Class	Net %	Cat%
US Stocks	58.58	49.22
Non-US Stocks	24.94	27.65
Bonds	10.78	12.05
Cash	4.67	1.91
Other	1.02	9.17
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 12-31-2021

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>31.28</b>	<b>38.59</b>	<b>36.24</b>			
Basic Materials	3.75	4.88	4.30			
Consumer Cyclical	11.24	10.60	11.91			
Financial Services	14.04	15.14	15.20			
Real Estate	2.25	7.97	4.83			
<b>Sensitive</b>	<b>44.91</b>	<b>39.18</b>	<b>43.16</b>			
Communication Services	11.24	5.82	8.43			
Energy	3.57	3.74	3.26			
Industrials	9.63	11.52	10.63			
Technology	20.47	18.10	20.84			
<b>Defensive</b>	<b>23.81</b>	<b>22.23</b>	<b>20.59</b>			
Consumer Defensive	6.52	6.82	5.97			
Healthcare	14.47	12.31	12.04			
Utilities	2.82	3.10	2.58			

**Style Breakdown**



**Top 10 Holdings** as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds American Balanced R6	—	8.00	8.00	—	—
⊕ American Funds Fundamental Invs R6	—	7.59	15.59	—	—
⊕ American Funds Capital World Gr&Inc R6	—	7.50	23.09	—	—
⊕ American Funds American Mutual R6	—	7.18	30.27	—	—
⊕ American Funds AMCAP R6	—	7.00	37.27	—	—
⊕ American Funds New Perspective R6	—	6.97	44.24	—	—
⊕ American Funds Growth Fund of Amer R6	—	6.97	51.21	—	—
⊕ American Funds Washington Mutual R6	—	6.86	58.07	—	—
⊕ American Funds SMALLCAP World R6	—	6.57	64.64	—	—
⊕ American Funds US Government Sec R6	—	6.12	70.77	—	—

**Total Holdings** 21

⊕ 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  
Joanna Jonsson since 01-2015  
Samir Mathur since 01-2020  
David Hoag since 01-2020  
Michelle Black since 01-2020  
Shannon Ward since 01-2021

## Quantitative Screens

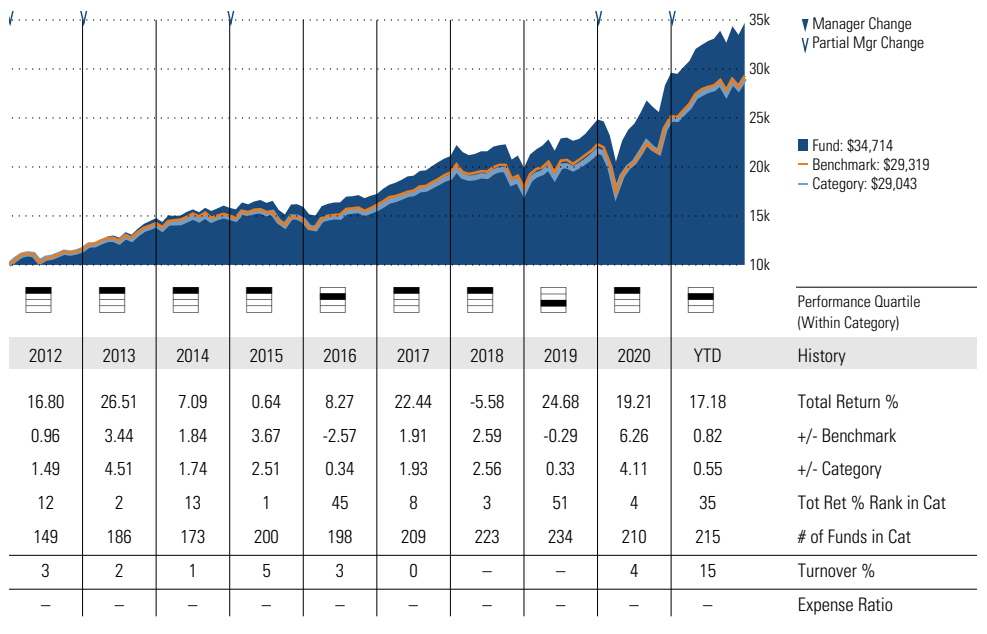
✔ **Performance:** The fund has finished in the Target-Date 2045 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 10.01 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.37 is 47.89% lower than the Target-Date 2045 category average.

## Growth of \$10,000



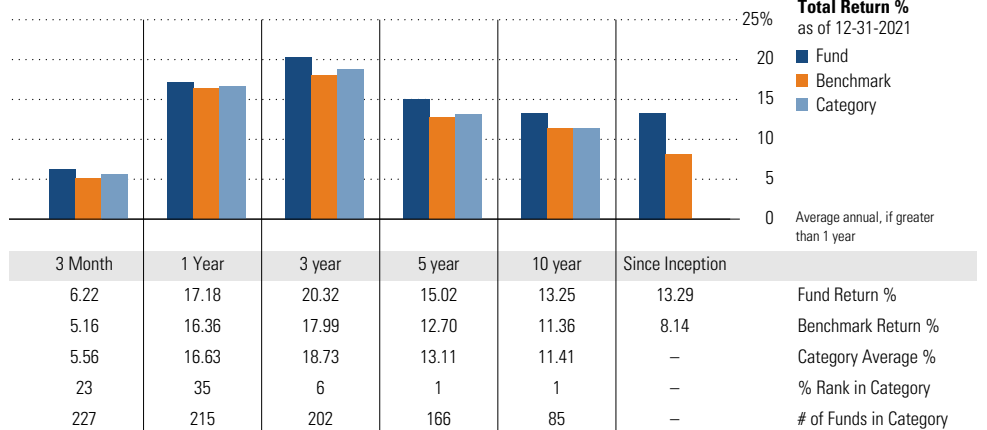
## Morningstar Investment Management LLC Analysis

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.

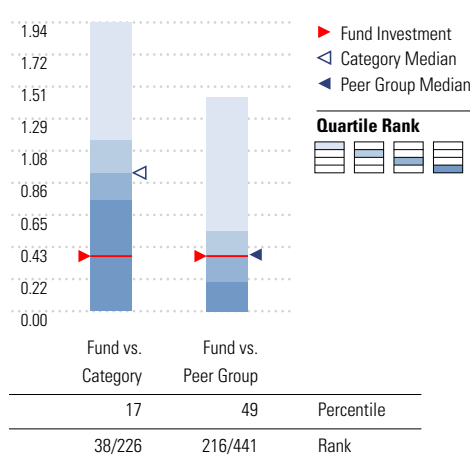
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	3.59	-	1.42
Beta	0.90	-	0.95
R-Squared	97.90	-	98.55
Standard Deviation	14.83	16.36	15.62
Sharpe Ratio	1.27	1.05	1.13
Tracking Error	2.73	-	2.06
Information Ratio	0.85	-	0.46
Up Capture Ratio	99.86	-	98.96
Down Capture Ratio	86.26	-	93.70

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	22.14	18.43	20.08
Price/Book Ratio	3.83	2.56	2.85
Avg Eff Duration	5.53	11.53	6.60

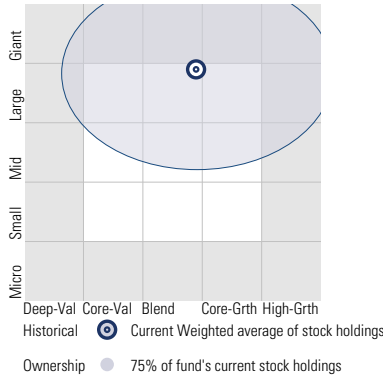
# American Funds 2045 Trgt Date Retire R6 RFHTX

**Morningstar Category**  
Target-Date 2045

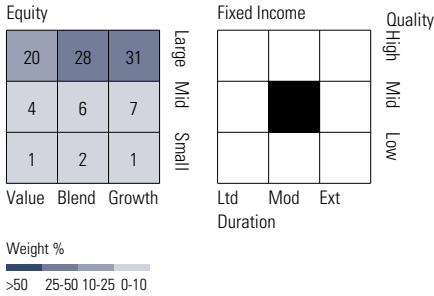
**Morningstar Index**  
Morningstar Lifetime Mod 2045 TR USD

## Style Analysis as of 12-31-2021

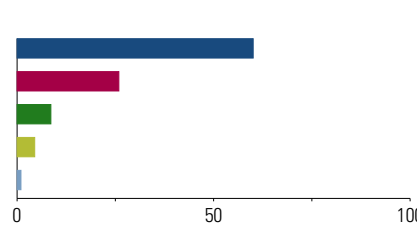
Morningstar Style Box™



## Style Breakdown

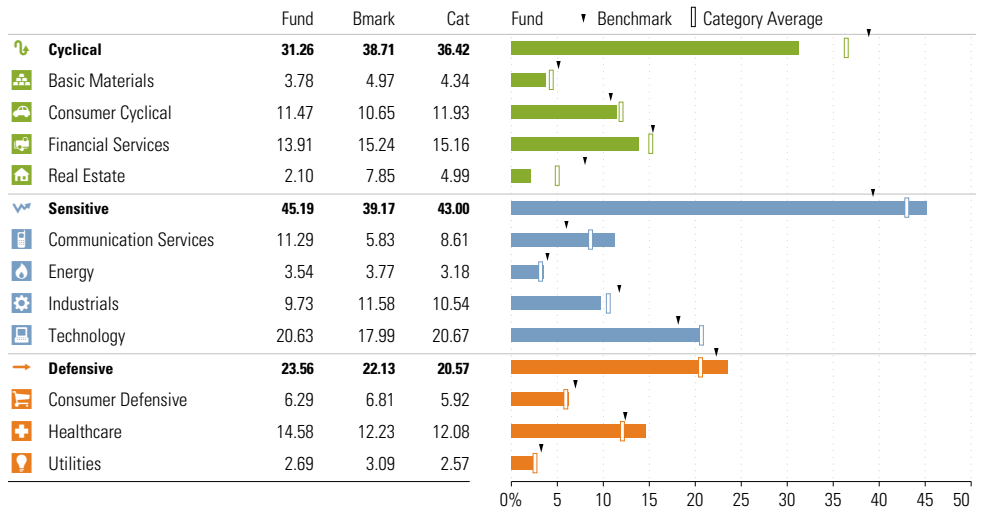


## Asset Allocation as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	60.07	52.24
Non-US Stocks	25.89	29.89
Bonds	8.59	6.68
Cash	4.48	1.74
Other	0.98	9.43
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2021



## Top 10 Holdings as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds New Perspective R6	—	8.15	8.15	—	—
⊕ American Funds Fundamental Invs R6	—	7.94	16.09	—	—
⊕ American Funds Washington Mutual R6	—	7.89	23.98	—	—
⊕ American Funds Capital World Gr&Inc R6	—	7.89	31.87	—	—
⊕ American Funds SMALLCAP World R6	—	7.57	39.44	—	—
⊕ American Funds American Balanced R6	—	7.41	46.85	—	—
⊕ American Funds American Mutual R6	—	7.16	54.01	—	—
⊕ American Funds AMCAP R6	—	6.95	60.96	—	—
⊕ American Funds Growth Fund of Amer R6	—	6.95	67.91	—	—
⊕ American Funds Global Balanced R6	—	4.97	72.88	—	—

## 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  
Joanna Jonsson since 01-2015  
Samir Mathur since 01-2020  
David Hoag since 01-2020  
Michelle Black since 01-2020  
Shannon Ward since 01-2021

## Quantitative Screens

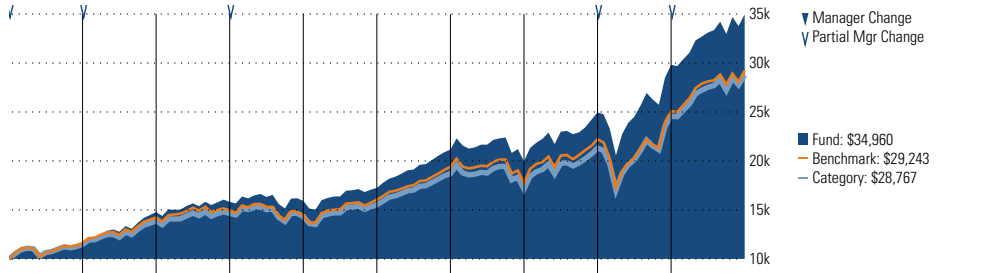
✔ **Performance:** The fund has finished in the Target-Date 2050 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 10.01 years.

✘ **Style:** The fund has landed in its primary style box — Large Growth — 54.55 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.37 is 48.61% lower than the Target-Date 2050 category average.

## Growth of \$10,000



2012	2013	2014	2015	2016	2017	2018	2019	2020	YTD	History
16.72	26.65	7.02	0.65	8.33	22.61	-5.61	25.04	19.42	17.27	Total Return %
0.78	3.82	2.02	3.84	-2.56	1.83	2.80	-0.05	6.51	0.67	+/- Benchmark
1.65	5.63	1.60	2.66	0.11	1.94	2.80	0.50	4.17	0.15	+/- Category
16	1	18	1	43	8	3	43	6	43	Tot Ret % Rank in Cat
180	207	196	225	218	233	243	246	220	217	# of Funds in Cat
3	2	1	6	2	0	-	-	4	14	Turnover %
-	-	-	-	-	-	-	-	-	-	Expense Ratio

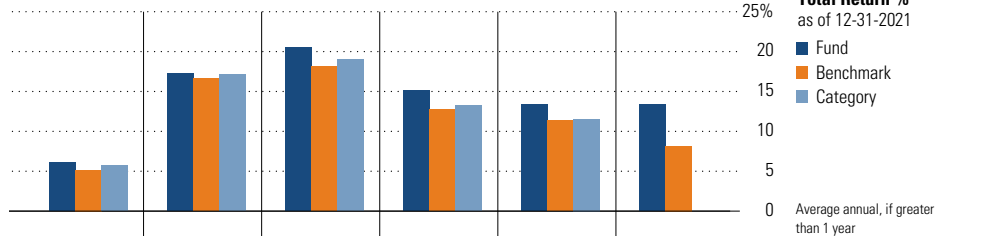
## Morningstar Investment Management LLC Analysis

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

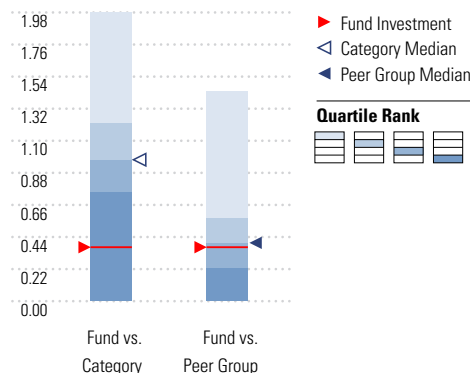
Metric	Rating	Updated
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

## Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	Average annual, if greater than 1 year
6.05	17.27	20.53	15.17	13.33	13.36	Fund Return %
5.17	16.60	18.09	12.75	11.33	8.16	Benchmark Return %
5.73	17.12	19.01	13.26	11.56	-	Category Average %
43	43	1	1	1	-	% Rank in Category
229	217	204	169	86	-	# of Funds in Category

## Net Expense



Fund vs. Category	Fund vs. Peer Group	Percentile Rank
17	45	38/228
		166/371

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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	3.78	-	1.56
Beta	0.89	-	0.95
R-Squared	97.61	-	98.48
Standard Deviation	15.05	16.69	15.93
Sharpe Ratio	1.27	1.03	1.12
Tracking Error	2.95	-	2.08
Information Ratio	0.83	-	0.48
Up Capture Ratio	99.80	-	99.27
Down Capture Ratio	85.85	-	93.61

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	22.43	18.28	19.97
Price/Book Ratio	3.90	2.53	2.83
Avg Eff Duration	5.53	-	6.55

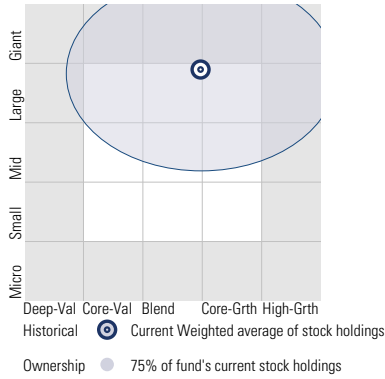
# American Funds 2050 Trgt Date Retire R6 RFITX

**Morningstar Category**  
Target-Date 2050

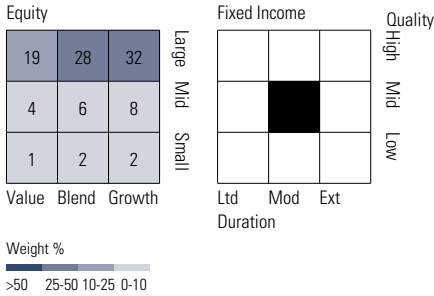
**Morningstar Index**  
Morningstar Lifetime Mod 2050 TR USD

## Style Analysis as of 12-31-2021

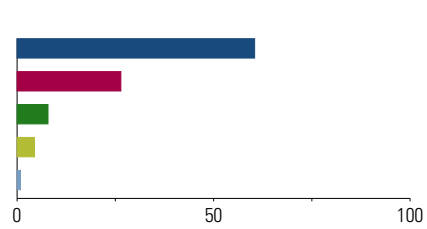
Morningstar Style Box™



## Style Breakdown

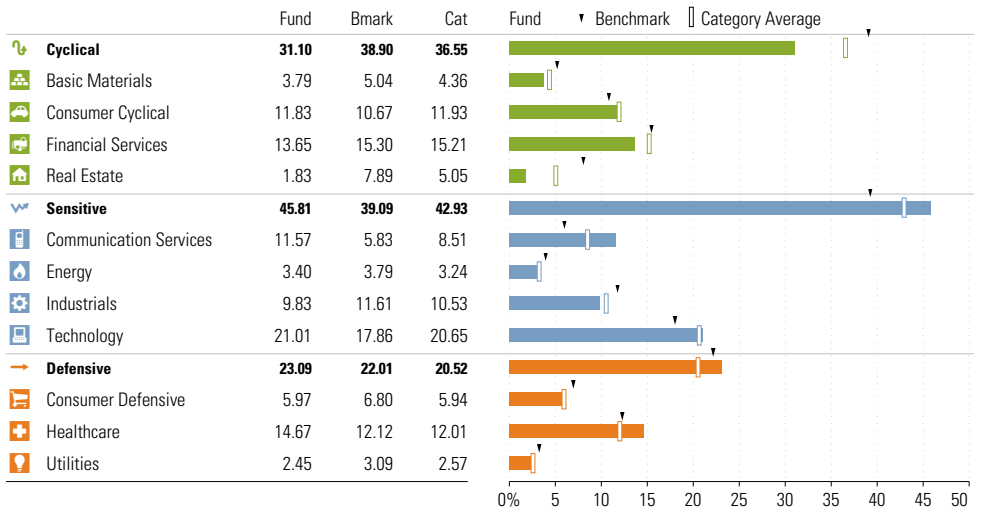


## Asset Allocation as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	60.44	54.14
Non-US Stocks	26.40	31.39
Bonds	7.86	5.50
Cash	4.43	1.41
Other	0.86	7.55
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2021



## Top 10 Holdings as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds New Perspective R6	—	8.93	8.93	—	—
⊕ American Funds Fundamental Invs R6	—	8.63	17.56	—	—
⊕ American Funds Capital World Gr&Inc R6	—	8.57	26.13	—	—
⊕ American Funds SMALLCAP World R6	—	8.55	34.68	—	—
⊕ American Funds Washington Mutual R6	—	8.22	42.90	—	—
⊕ American Funds AMCAP R6	—	6.93	49.83	—	—
⊕ American Funds Growth Fund of Amer R6	—	6.93	56.76	—	—
⊕ American Funds American Mutual R6	—	6.57	63.33	—	—
⊕ American Funds American Balanced R6	—	6.46	69.79	—	—
⊖ American Funds Invmt Co of Amer R6	—	5.66	75.44	—	—

## 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  
Joanna Jonsson since 01-2015  
Michelle Black since 01-2020  
David Hoag since 01-2020  
Samir Mathur since 01-2020  
Shannon Ward since 01-2021

## Quantitative Screens

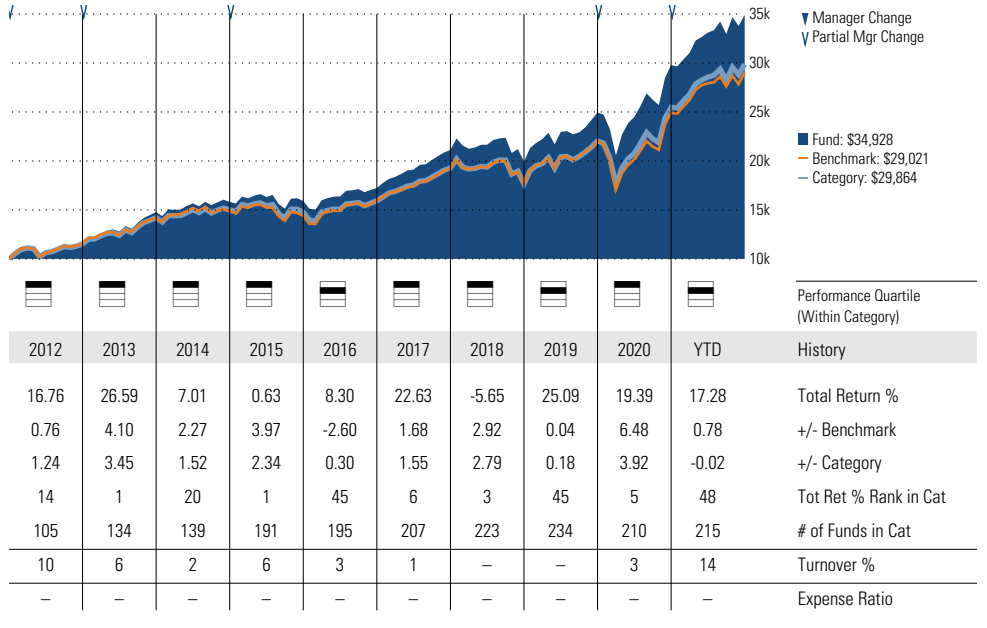
✔ **Performance:** The fund has finished in the Target-Date 2055 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 10.01 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.38 is 46.48% lower than the Target-Date 2055 category average.

## Growth of \$10,000



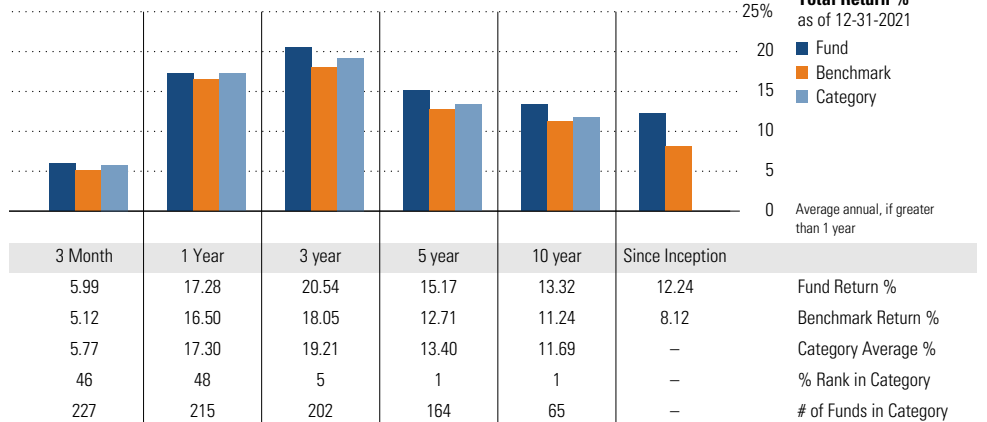
## Morningstar Investment Management LLC Analysis

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

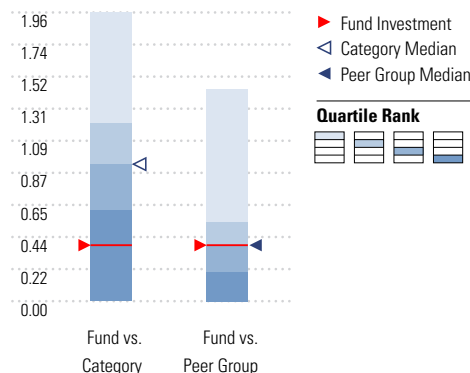
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

## Trailing Performance



## Net Expense



Percentile	17	48
Rank	38/226	210/439

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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	3.90	-	1.68
Beta	0.89	-	0.95
R-Squared	97.49	-	98.43
Standard Deviation	15.05	16.78	16.07
Sharpe Ratio	1.27	1.03	1.12
Tracking Error	3.06	-	2.10
Information Ratio	0.82	-	0.56
Up Capture Ratio	99.69	-	99.94
Down Capture Ratio	85.42	-	93.93

## Portfolio Metrics

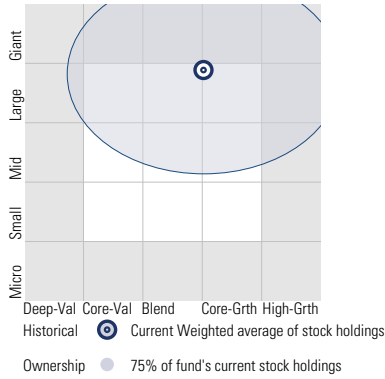
	Fund	Bmark	Cat
Price/Earnings Ratio	22.58	18.14	19.70
Price/Book Ratio	3.95	2.50	2.77
Avg Eff Duration	5.54	-	6.64

# American Funds 2055 Trgt Date Retire R6 RFKTX

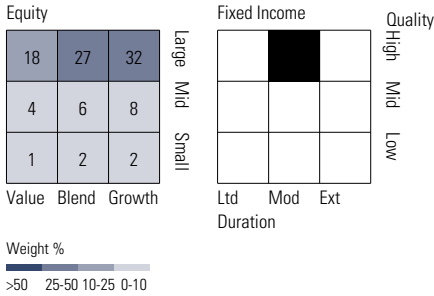
**Morningstar Category**  
Target-Date 2055

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

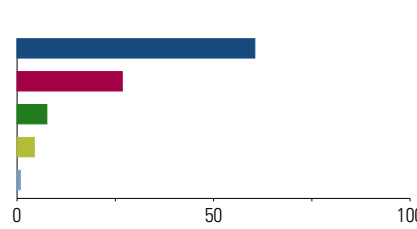
**Style Analysis** as of 12-31-2021  
Morningstar Style Box™



**Style Breakdown**

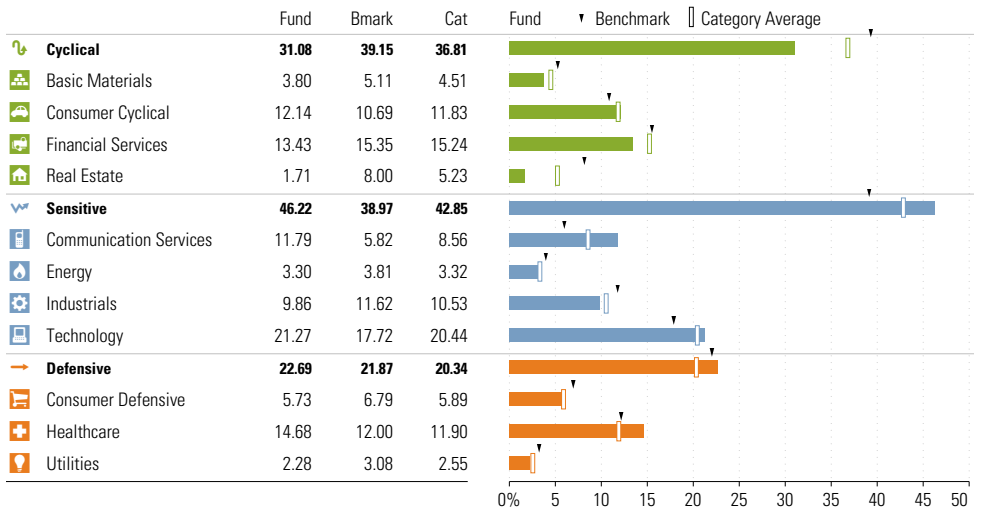


**Asset Allocation** as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	60.49	54.17
Non-US Stocks	26.76	34.51
Bonds	7.57	4.53
Cash	4.37	1.52
Other	0.82	5.27
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 12-31-2021



**Top 10 Holdings** as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds SMALLCAP World R6	-	9.60	9.60	-	-
⊕ American Funds New Perspective R6	-	9.57	19.18	-	-
⊕ American Funds Fundamental Invs R6	-	8.99	28.17	-	-
⊖ American Funds Capital World Gr&Inc R6	-	8.93	37.10	-	-
⊕ American Funds Washington Mutual R6	-	8.15	45.26	-	-
⊕ American Funds AMCAP R6	-	6.97	52.22	-	-
⊕ American Funds Growth Fund of Amer R6	-	6.95	59.18	-	-
⊖ American Funds Invmt Co of Amer R6	-	6.62	65.80	-	-
⊕ American Funds American Balanced R6	-	6.05	71.84	-	-
⊕ American Funds Global Balanced R6	-	5.96	77.81	-	-

**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  
Joanna Jonsson 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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 6.77 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.38 is 47.22% lower than the Target-Date 2060 category average.

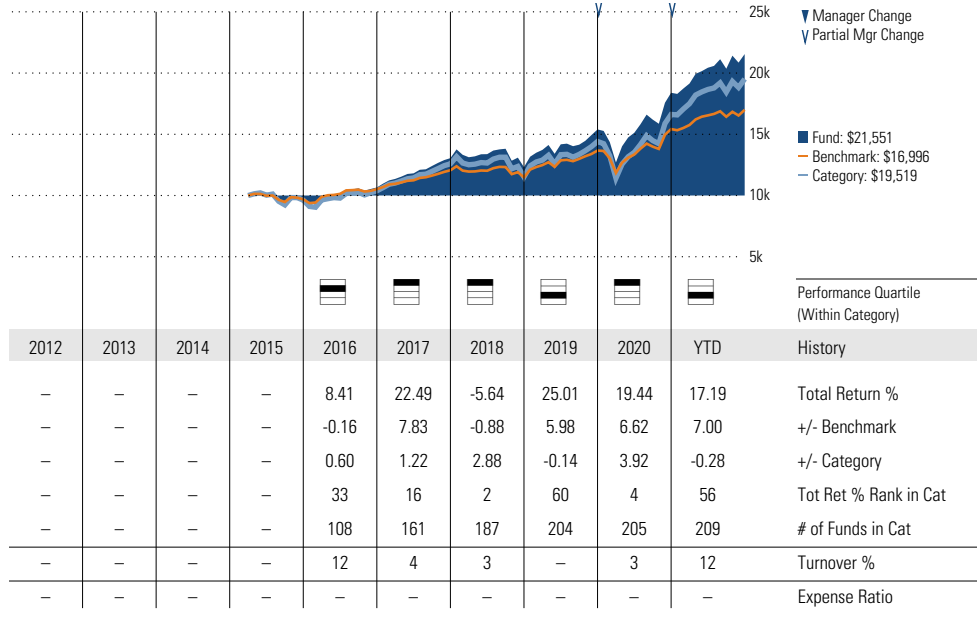
## Morningstar Investment Management LLC Analysis

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.

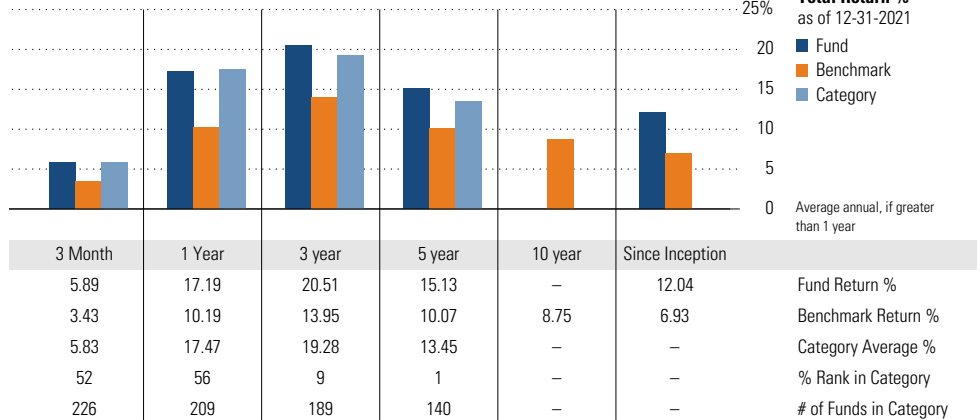
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

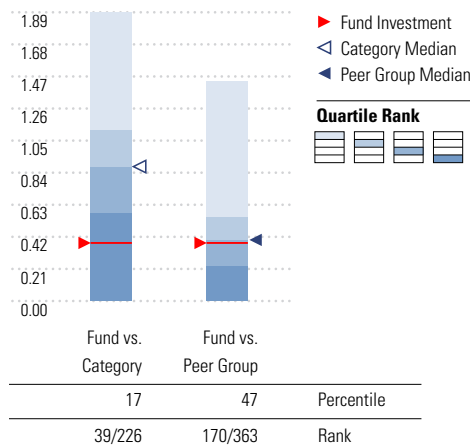
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.21	-	-1.18
Beta	1.36	-	1.47
R-Squared	97.82	-	97.94
Standard Deviation	15.03	10.91	16.20
Sharpe Ratio	1.27	1.18	1.12
Tracking Error	4.54	-	5.64
Information Ratio	1.44	-	0.94
Up Capture Ratio	143.10	-	144.58
Down Capture Ratio	140.87	-	156.44

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	22.60	17.96	19.81
Price/Book Ratio	3.96	2.46	2.84
Avg Eff Duration	5.54	6.79	6.51

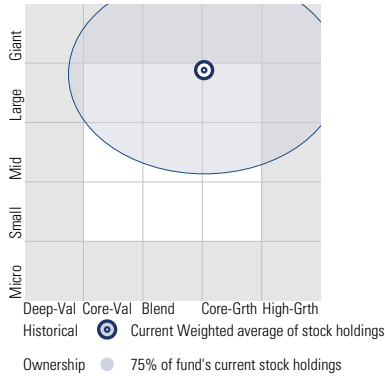
# American Funds 2060 Trgt Date Retire R6 RFUTX

**Morningstar Category**  
Target-Date 2060

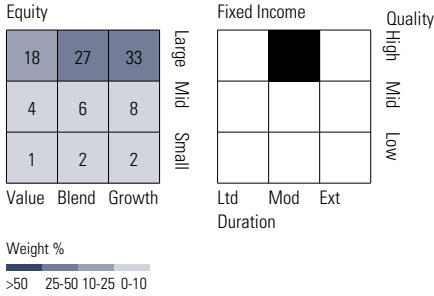
**Morningstar Index**  
Morningstar Mod Tgt Risk TR USD

## Style Analysis as of 12-31-2021

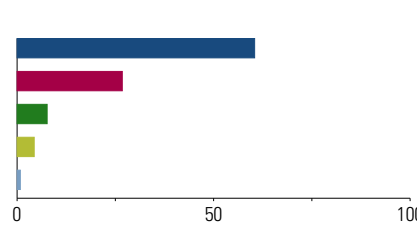
Morningstar Style Box™



## Style Breakdown

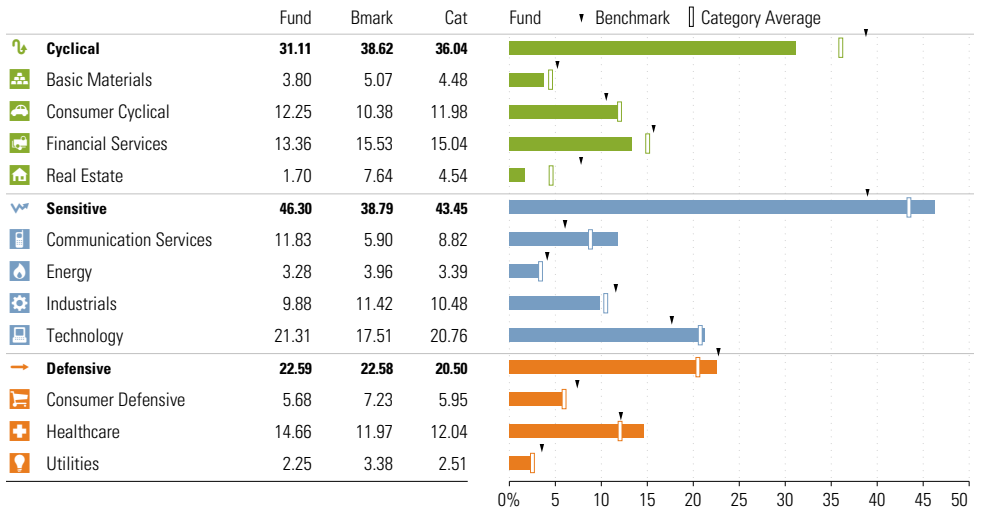


## Asset Allocation as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	60.44	54.92
Non-US Stocks	26.76	33.94
Bonds	7.64	5.31
Cash	4.35	2.14
Other	0.82	3.68
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2021



## Top 10 Holdings as of 12-31-2021

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	20.00	—	—
⊕ American Funds Fundamental Invs R6	—	8.93	28.93	—	—
⊕ American Funds Capital World Gr&Inc R6	—	8.90	37.83	—	—
⊕ American Funds Washington Mutual R6	—	8.13	45.96	—	—
⊕ American Funds AMCAP R6	—	7.00	52.96	—	—
⊕ American Funds Growth Fund of Amer R6	—	7.00	59.95	—	—
⊖ American Funds Invmt Co of Amer R6	—	6.96	66.91	—	—
⊕ American Funds Global Balanced R6	—	6.01	72.92	—	—
⊕ American Funds American Balanced R6	—	6.00	78.92	—	—

## 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)

Joanna Jonsson since 01-2020  
Michelle Black since 01-2020  
Samir Mathur since 01-2020  
Bradley Vogt since 01-2020  
David Hoag since 01-2020  
Wesley Phoa since 01-2020  
Shannon Ward since 01-2021

## Quantitative Screens

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

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

✗ **Style:** The fund has landed in its primary style box — Large Growth — 57.14 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.38 is 46.48% lower than the Target-Date 2065+ category average.

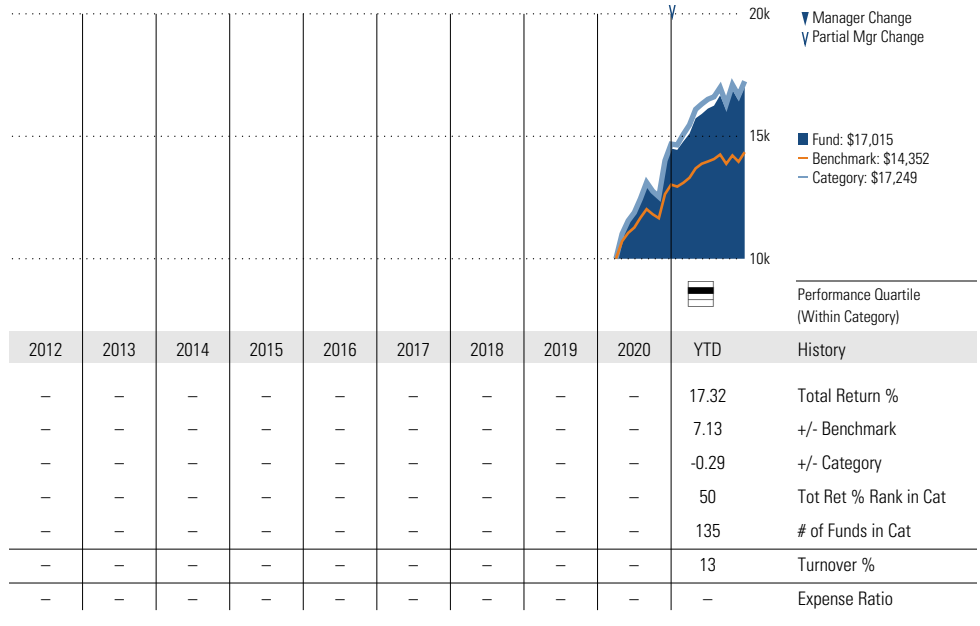
## Morningstar Investment Management LLC Analysis

This fund also fails our manager tenure screen only because it is a newly inception share vintage of the target-date series.

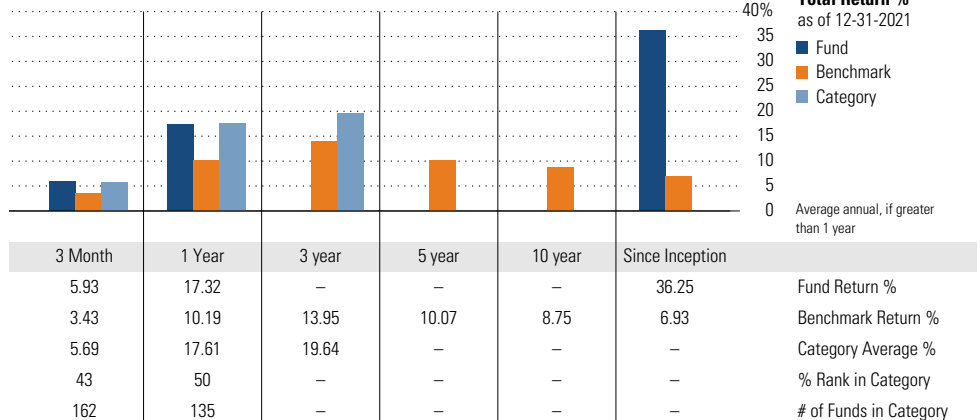
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

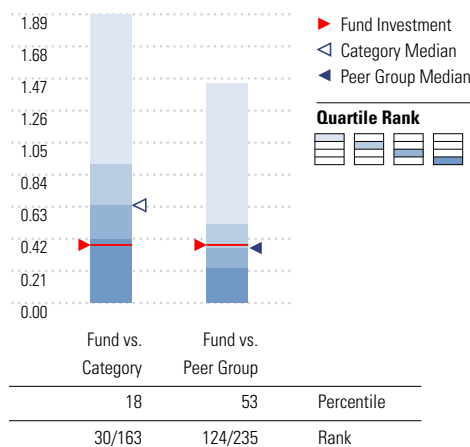
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-	-	-1.51
Beta	-	-	1.53
R-Squared	-	-	98.02
Standard Deviation	-	10.91	16.83
Sharpe Ratio	-	1.18	1.10
Tracking Error	-	-	6.23
Information Ratio	-	-	0.92
Up Capture Ratio	-	-	148.16
Down Capture Ratio	-	-	160.92

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	22.61	17.96	18.85
Price/Book Ratio	3.96	2.46	2.63
Avg Eff Duration	5.54	6.79	6.56

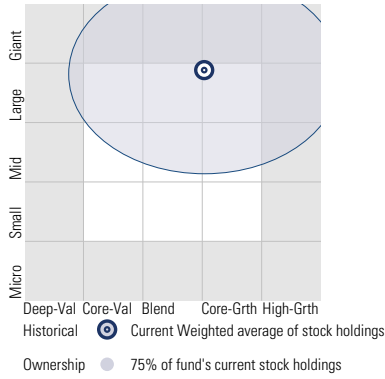
# American Funds 2065 Trgt Date Retire R6 RFVTX

**Morningstar Category**  
Target-Date 2065+

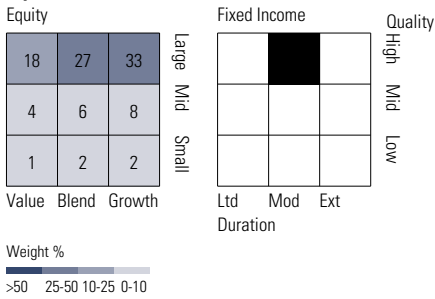
**Morningstar Index**  
Morningstar Mod Tgt Risk TR USD

## Style Analysis as of 12-31-2021

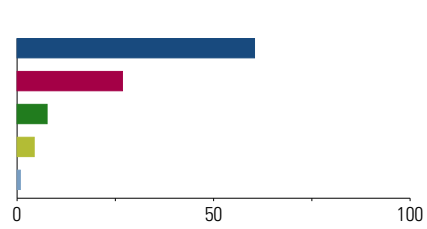
Morningstar Style Box™



## Style Breakdown

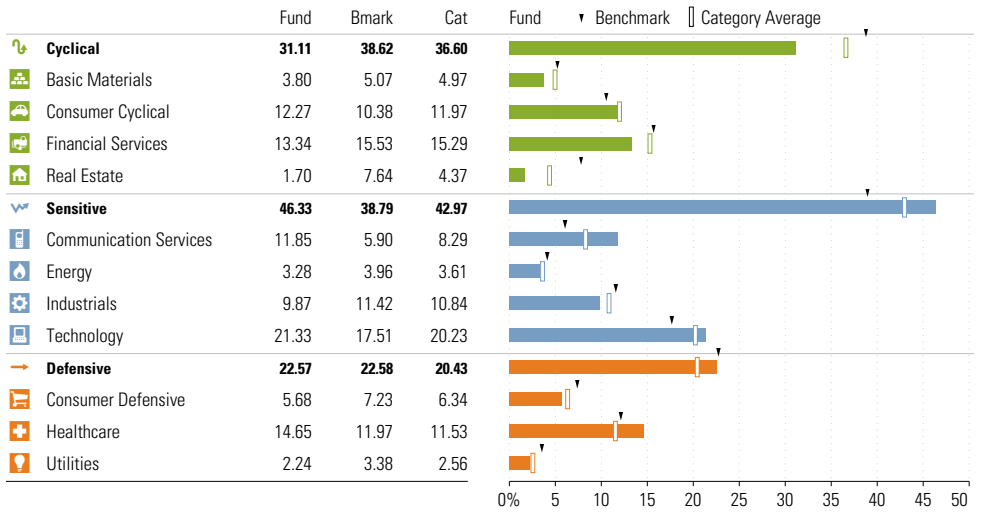


## Asset Allocation as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	60.41	46.42
Non-US Stocks	26.80	38.57
Bonds	7.63	7.50
Cash	4.35	2.10
Other	0.82	5.42
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2021



## Top 10 Holdings as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds New Perspective R6	—	10.00	10.00	—	—
⊕ American Funds SMALLCAP World R6	—	10.00	20.00	—	—
⊕ American Funds Fundamental Invs R6	—	9.00	29.00	—	—
⊕ American Funds Capital World Gr&Inc R6	—	9.00	38.01	—	—
⊕ American Funds Washington Mutual R6	—	8.00	46.01	—	—
⊕ American Funds AMCAP R6	—	7.00	53.01	—	—
⊕ American Funds Growth Fund of Amer R6	—	7.00	60.01	—	—
⊕ American Funds Invmt Co of Amer R6	—	7.00	67.01	—	—
⊕ American Funds American Balanced R6	—	6.00	73.01	—	—
⊕ American Funds Global Balanced R6	—	6.00	79.01	—	—

## Total Holdings 16

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# American Funds American Mutual R6 RMFGX

**Morningstar Category**  
Large Value

**Morningstar Index**  
Russell 1000 Value TR USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 16.01 years.

✔ **Style:** The fund has landed in its primary style box — Large Value — 72.73 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.27 is 70.97% lower than the Large Value category average.

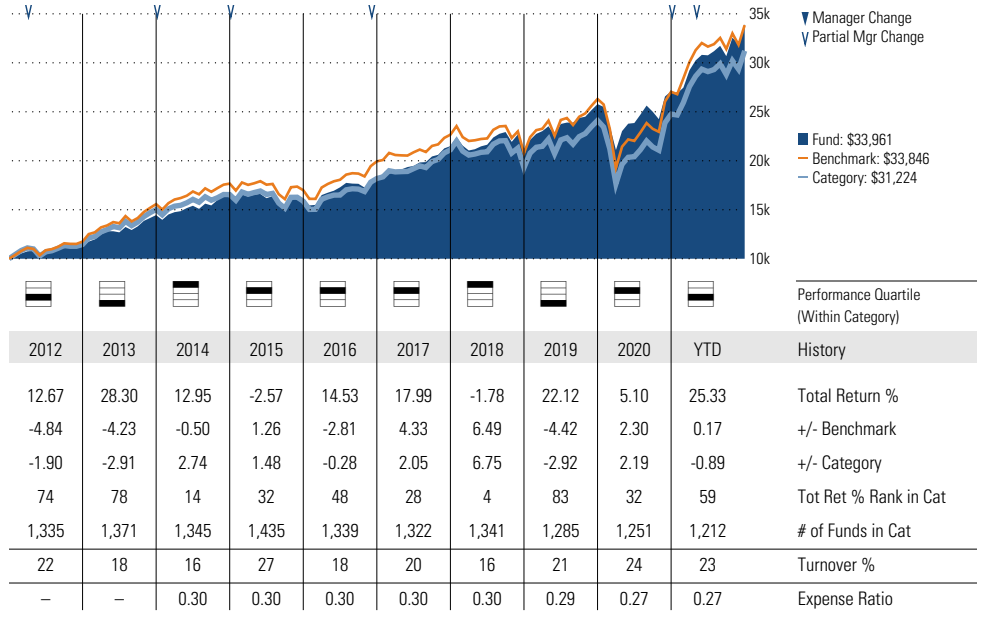
## Morningstar Investment Management LLC Analysis

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

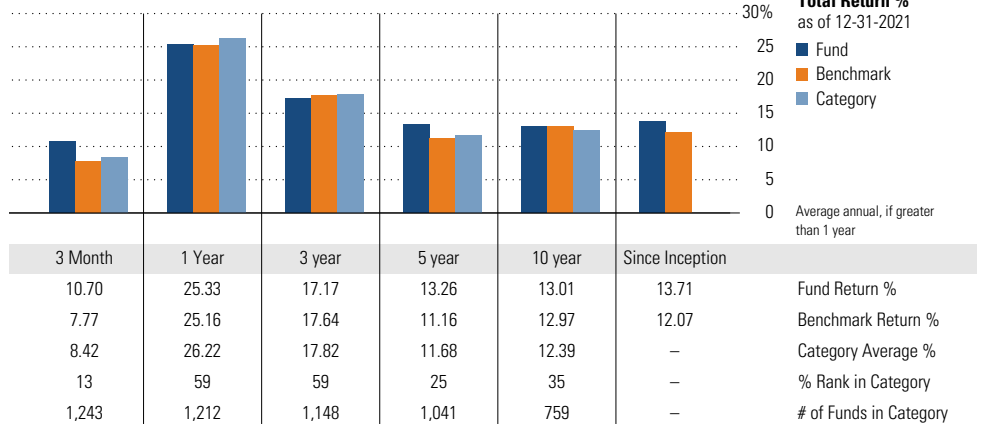
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

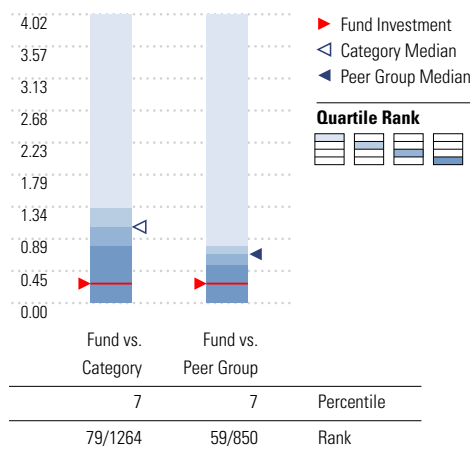
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	4.04	-	0.36
Beta	0.71	-	0.99
R-Squared	93.36	-	95.52
Standard Deviation	14.15	19.33	19.52
Sharpe Ratio	1.13	0.90	0.90
Tracking Error	6.72	-	4.42
Information Ratio	-0.07	-	0.01
Up Capture Ratio	80.26	-	99.01
Down Capture Ratio	65.94	-	97.88

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	22.21	18.35	17.61
Price/Book Ratio	3.55	2.56	2.77
Geom Avg Mkt Cap \$B	129.27	78.33	125.20
ROE	29.30	17.59	24.57

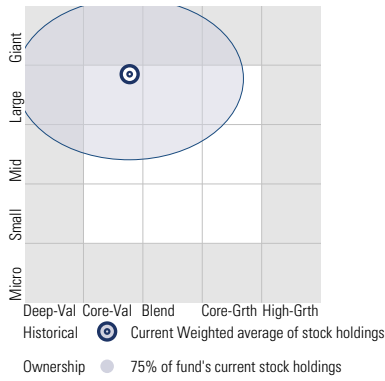
# American Funds American Mutual R6 RMFGX

**Morningstar Category**  
Large Value

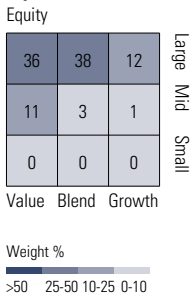
**Morningstar Index**  
Russell 1000 Value TR USD

## Style Analysis as of 12-31-2021

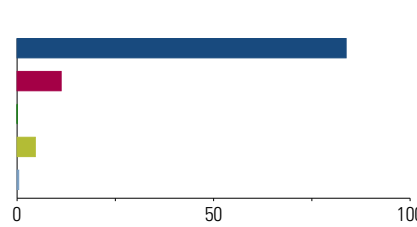
Morningstar Style Box™



## Style Breakdown

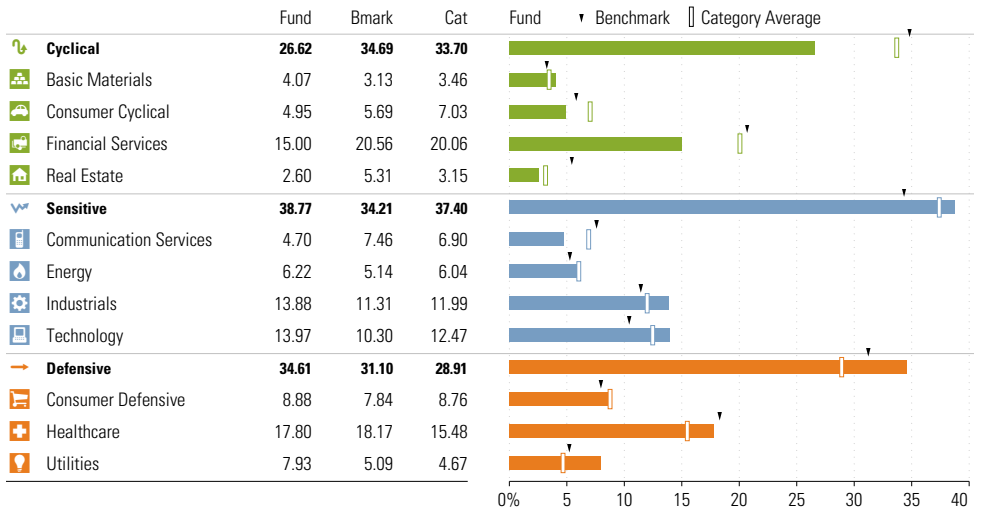


## Asset Allocation as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	83.72	92.38
Non-US Stocks	11.21	5.73
Bonds	0.02	0.30
Cash	4.63	1.37
Other	0.41	0.23
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2021



## Top 15 Holdings as of 12-31-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	4.87	4.87	52.24	Technology
Capital Group Central Cash Fund	4.52	9.39	-	-
Comcast Corp Class A	2.55	11.94	-2.08	Communication Svc
The Home Depot Inc	2.47	14.41	58.73	Consumer Cyclical
Gilead Sciences Inc	2.43	16.84	29.51	Healthcare
Linde PLC	2.40	19.24	33.08	Basic Materials
UnitedHealth Group Inc	2.23	21.47	44.79	Healthcare
Abbott Laboratories	2.19	23.66	30.19	Healthcare
Raytheon Technologies Corp	2.10	25.76	23.15	Industrials
Amgen Inc	1.91	27.67	0.91	Healthcare
Apple Inc	1.88	29.55	34.48	Technology
AbbVie Inc	1.72	31.27	31.22	Healthcare
JPMorgan Chase & Co	1.71	32.99	27.53	Financial Services
Procter & Gamble Co	1.47	34.45	20.01	Consumer Defensive
Exelon Corp	1.37	35.82	40.43	Utilities

**Total Holdings 175**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# American Funds Capital Income Bldr R6 RIRGX

**Morningstar Category**  
World Allocation

**Morningstar Index**  
Morningstar Gbl Allocation TR USD

## Portfolio Manager(s)

James Lovelace since 01-1992  
 Joyce Gordon since 01-2000  
 David Hoag since 01-2004  
 Winnie Kwan since 01-2007  
 Steven Watson since 01-2007  
 Bradley Vogt since 01-2009  
 Alfonso Barroso since 01-2010  
 Grant Cambridge since 01-2013  
 Philip Winston since 01-2014  
 Fergus MacDonald since 01-2015  
 Aline Avzaradel since 01-2021  
 Caroline Randall since 01-2021

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 30.02 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.26 is 77.59% lower than the World Allocation category average.

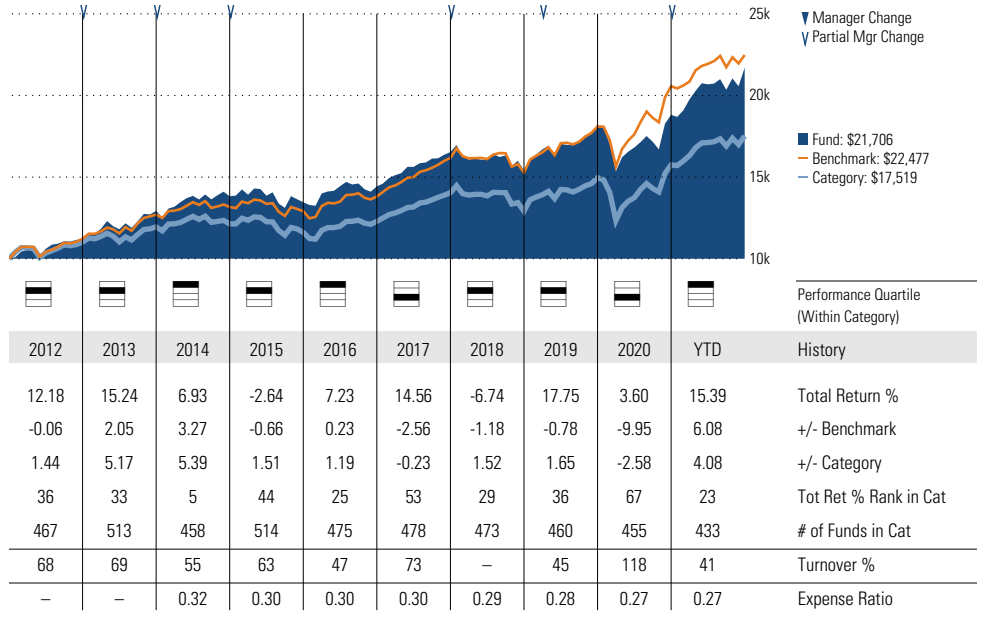
## Morningstar Investment Management LLC Analysis

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.

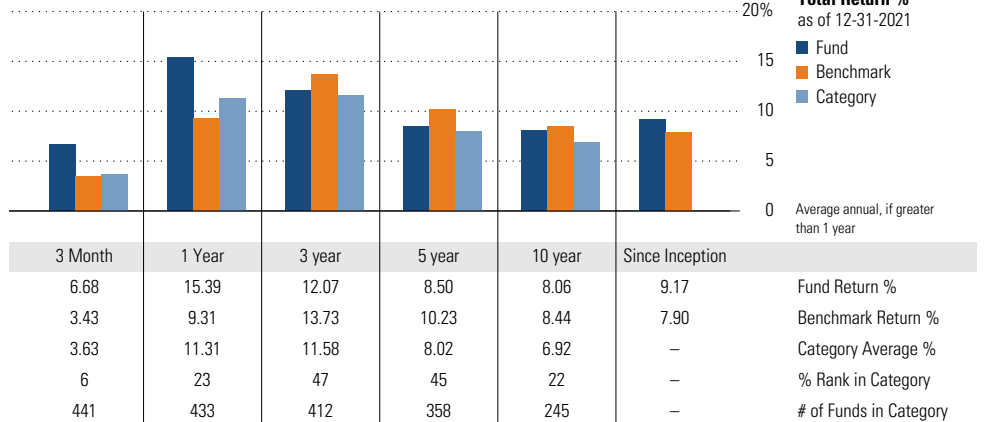
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

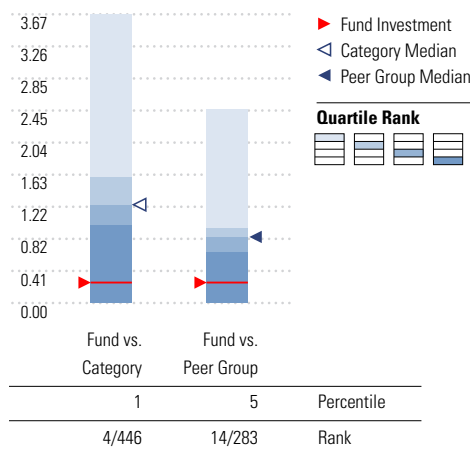
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-1.42	-	-3.02
Beta	1.00	-	1.11
R-Squared	90.22	-	89.93
Standard Deviation	11.68	11.10	13.00
Sharpe Ratio	0.96	1.14	0.87
Tracking Error	3.65	-	4.46
Information Ratio	-0.45	-	-0.45
Up Capture Ratio	99.10	-	100.40
Down Capture Ratio	113.88	-	120.36

## Portfolio Metrics

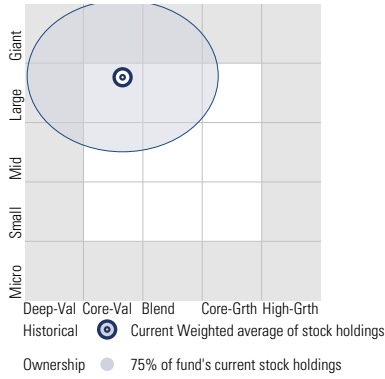
	Fund	Bmark	Cat
Price/Earnings Ratio	16.68	19.12	19.91
Price/Book Ratio	2.42	2.72	2.62
Avg Eff Duration	5.67	8.46	4.36

# American Funds Capital Income Bldr R6 RIRGX

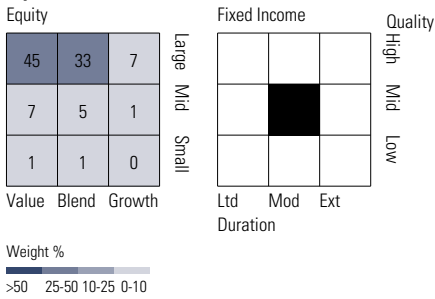
**Morningstar Category**  
World Allocation

**Morningstar Index**  
Morningstar Gbl Allocation TR USD

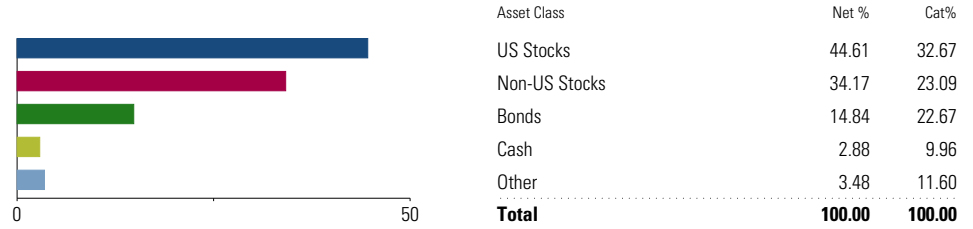
**Style Analysis** as of 12-31-2021  
Morningstar Style Box™



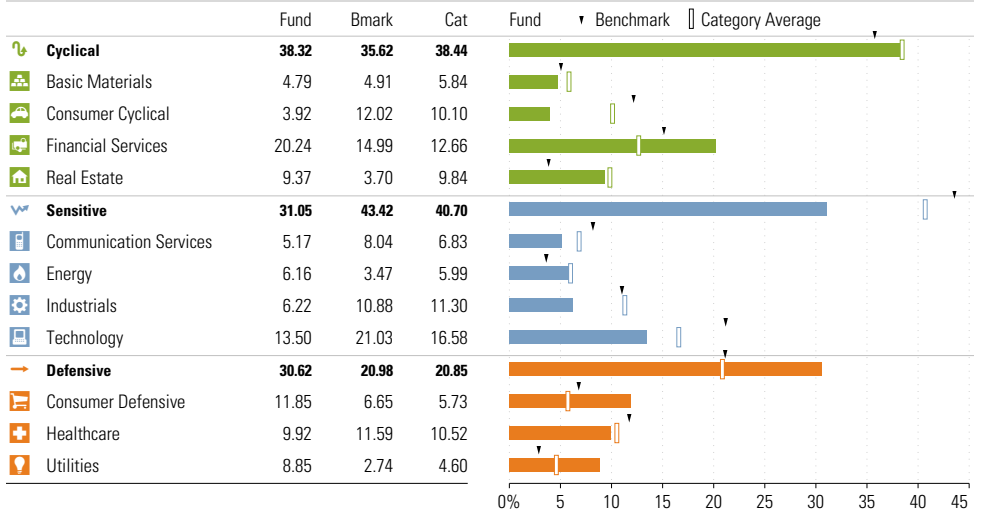
**Style Breakdown**



**Asset Allocation** as of 12-31-2021



**Sector Weighting** as of 12-31-2021



**Top 10 Holdings** as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Broadcom Inc	—	3.71	3.71	55.38	Technology
⊖ Capital Group Central Cash Fund	—	3.39	7.10	—	—
⊖ Cap Grp Cent Fd Ser Ii	—	2.67	9.77	—	—
⊖ Crown Castle International Corp	—	2.61	12.38	34.56	Real Estate
⊕ Philip Morris International Inc	—	2.38	14.76	20.67	Consumer Defensive
⊖ Microsoft Corp	—	2.29	17.05	52.24	Technology
⊖ Gilead Sciences Inc	—	1.68	18.73	29.51	Healthcare
⊕ Raytheon Technologies Corp	—	1.42	20.15	23.15	Industrials
⊕ The Toronto-Dominion Bank	—	1.36	21.51	39.24	Financial Services
⊖ Zurich Insurance Group AG	—	1.27	22.78	10.68	Financial Services

**Total Holdings 1238**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# American Funds Capital World Gr&Inc R6 RWIGX

**Morningstar Category**  
World Large-Stock Blend

**Morningstar Index**  
MSCI ACWI NR USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 15.92 years.

✔ **Style:** The fund has landed in its primary style box — Large Blend — 81.82 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.42 is 57.58% lower than the World Large-Stock Blend category average.

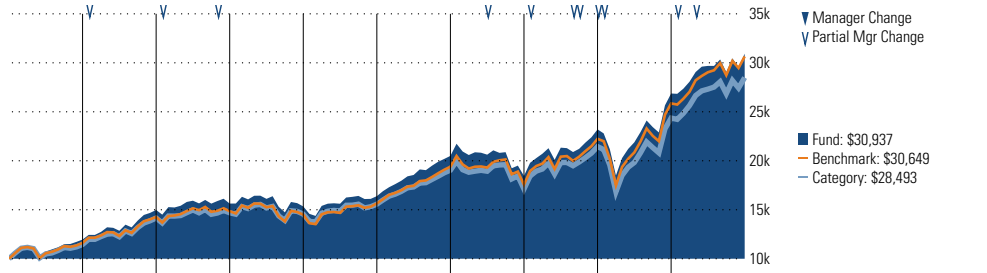
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

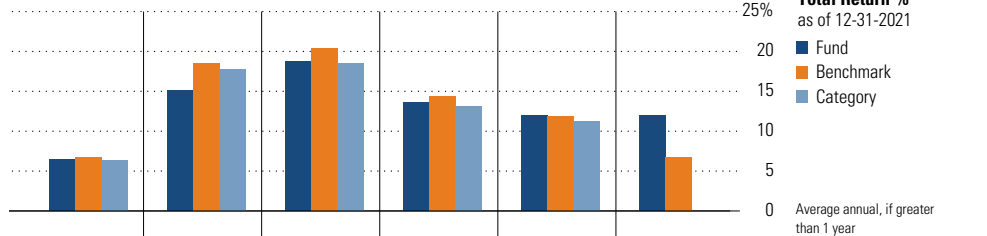
Metric	Rating	Updated
Sustainability Rating	2	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

## Growth of \$10,000



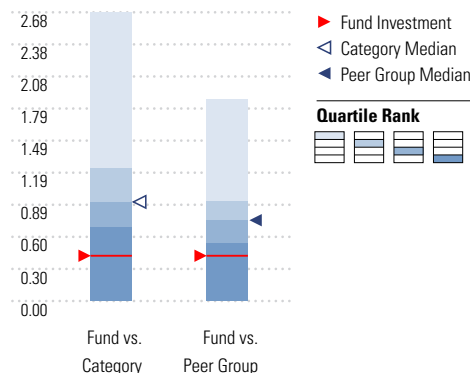
2012	2013	2014	2015	2016	2017	2018	2019	2020	YTD	Performance Quartile (Within Category)
19.56	25.28	4.36	-1.88	6.85	25.08	-9.97	25.74	15.78	15.15	History
3.43	2.48	0.20	0.48	-1.01	1.11	-0.56	-0.86	-0.47	-3.39	Total Return %
5.17	1.20	0.69	-0.96	-0.08	2.80	0.09	0.48	2.82	-2.57	+/- Benchmark
11	49	39	64	45	21	56	52	34	78	+/- Category
200	226	247	270	249	259	293	307	330	328	Tot Ret % Rank in Cat
23	24	36	35	35	35	49	23	36	32	# of Funds in Cat
-	-	0.44	0.45	0.45	0.45	0.44	0.43	0.42	0.41	Turnover %
										Expense Ratio

## Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	Total Return % as of 12-31-2021
6.48	15.15	18.79	13.55	11.96	11.93	Fund
6.68	18.54	20.38	14.40	11.85	6.68	Benchmark
6.27	17.72	18.45	13.10	11.21	-	Category
59	78	56	49	36	-	Average annual, if greater than 1 year
353	328	284	237	145	-	Fund Return %
						Benchmark Return %
						Category Average %
						% Rank in Category
						# of Funds in Category

## Net Expense



Fund vs. Category	Fund vs. Peer Group	Percentile
10	17	Rank
35/372	47/278	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	-0.31	-	-0.67
Beta	0.94	-	0.97
R-Squared	98.97	-	93.88
Standard Deviation	16.15	17.08	17.09
Sharpe Ratio	1.10	1.13	1.06
Tracking Error	1.92	-	4.25
Information Ratio	-0.83	-	-0.30
Up Capture Ratio	93.54	-	95.95
Down Capture Ratio	94.79	-	99.61

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.56	20.00	21.12
Price/Book Ratio	3.21	2.94	3.09
Geom Avg Mkt Cap \$B	118.51	117.03	95.63
ROE	25.73	25.94	25.46

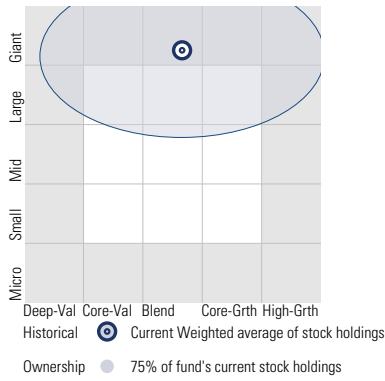
# American Funds Capital World Gr&Inc R6 RWIGX

**Morningstar Category**  
World Large-Stock Blend

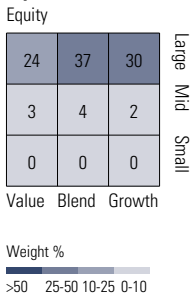
**Morningstar Index**  
MSCI ACWI NR USD

## Style Analysis as of 12-31-2021

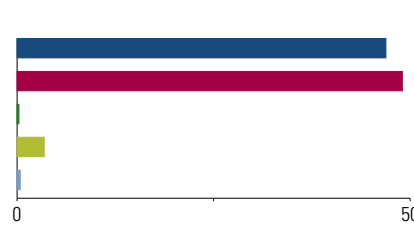
Morningstar Style Box™



## Style Breakdown

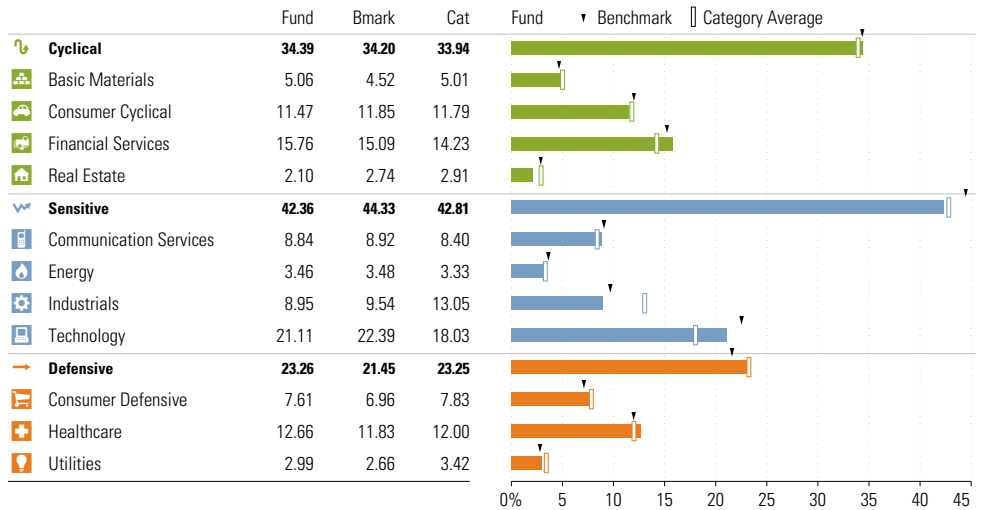


## Asset Allocation as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	46.92	57.02
Non-US Stocks	49.01	38.87
Bonds	0.23	1.11
Cash	3.45	2.24
Other	0.40	0.77
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2021



## World Regions % Equity 12-31-2021



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	19.07	14.23	Americas	54.54	63.00	Greater Europe	26.40	22.78	Developed Markets	89.59
Japan	5.88	6.27	North America	51.82	62.36	United Kingdom	5.93	5.86	Emerging Markets	10.41
Australasia	1.22	1.11	Central/Latin	2.72	0.64	W euro-ex UK	18.71	16.25	Not Available	0.00
Asia-4 Tigers	5.93	3.58				Emrgng Europe	1.64	0.33		
Asia-ex 4 Tigers	6.04	3.27				Africa	0.12	0.34		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 12-31-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Broadcom Inc	3.80	3.80	55.38	Technology
⊖ Microsoft Corp	3.79	7.59	52.24	Technology
⊖ Taiwan Semiconductor Manufacturing Co Ltd	3.03	10.62	18.02	Technology
⊖ Capital Group Central Cash Fund	2.72	13.34	—	—
⊖ ASML Holding NV	1.74	15.08	78.48	Technology
⊖ Abbott Laboratories	1.69	16.77	30.19	Healthcare
⊕ Alphabet Inc Class C	1.61	18.38	65.17	Communication Svc
⊖ LVMH Moët Hennessy Louis Vuitton SE	1.53	19.91	43.67	Consumer Cyclical
⊖ UnitedHealth Group Inc	1.51	21.42	44.79	Healthcare
⊖ Tokyo Electron Ltd	1.42	22.84	74.76	Technology

**Total Holdings 347**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# American Funds Europacific Growth R6 RERGX

**Morningstar Category**  
Foreign Large Growth

**Morningstar Index**  
MSCI EAFE NR USD

## Portfolio Manager(s)

Carl Kawaja since 06-2001  
 Nicholas Grace since 06-2002  
 Sung Lee since 06-2002  
 Jesper Lyckeus since 06-2004  
 Jonathan Knowles since 06-2006  
 Andrew Suzman since 06-2007  
 Christopher Thomsen since 06-2008  
 Lawrence Kymisis since 06-2014  
 Lara Pellini since 10-2014  
 Gerald Manoir since 01-2020  
 Noriko Chen since 01-2020

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 20.6 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 0.46 is 56.6% lower than the Foreign Large Growth category average.

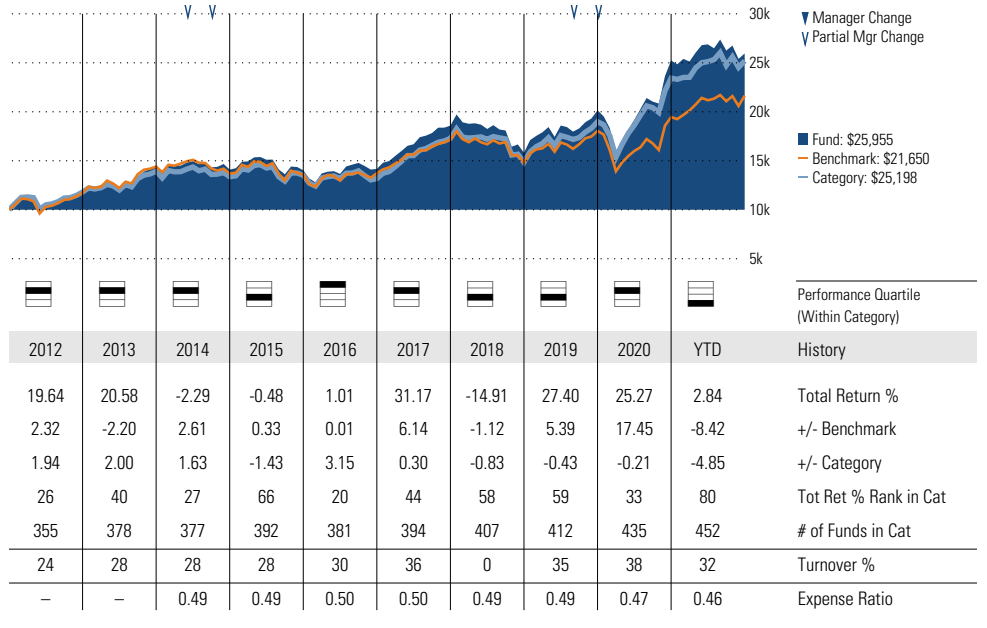
## Morningstar Investment Management LLC Analysis

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.

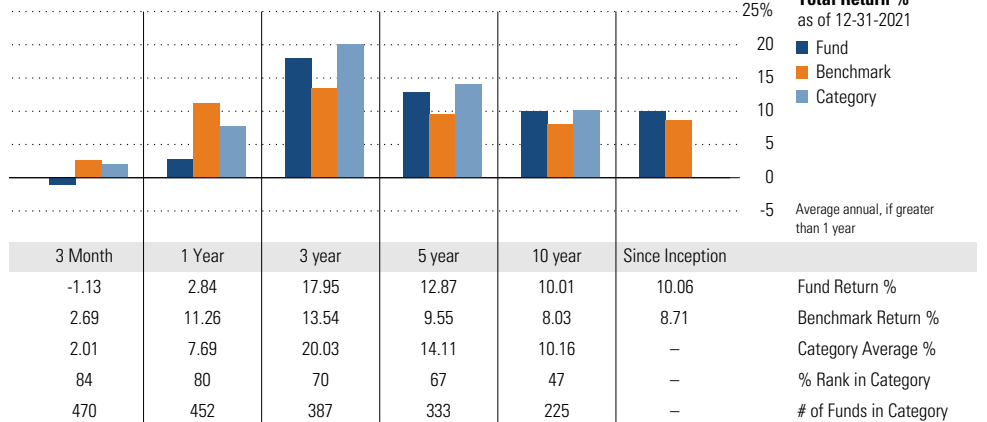
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	2	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

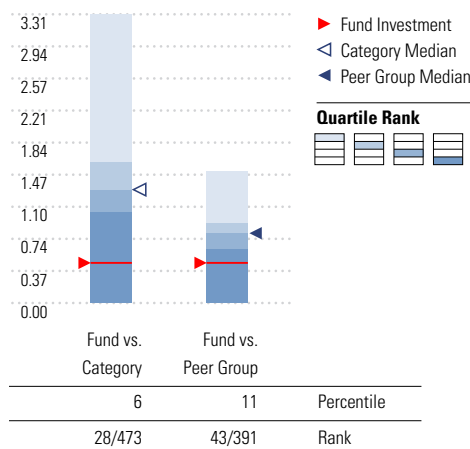
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	4.17	-	7.05
Beta	0.99	-	0.88
R-Squared	89.79	-	82.00
Standard Deviation	17.88	17.16	16.68
Sharpe Ratio	0.97	0.78	1.12
Tracking Error	5.72	-	7.43
Information Ratio	0.77	-	0.84
Up Capture Ratio	108.94	-	106.78
Down Capture Ratio	93.12	-	81.06

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	21.65	16.51	25.03
Price/Book Ratio	2.85	1.86	3.67
Geom Avg Mkt Cap \$B	61.49	49.49	60.75
ROE	18.72	17.65	20.73

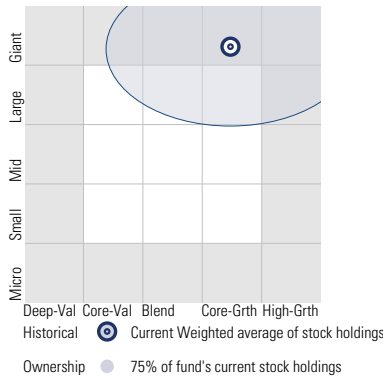
# American Funds Europacific Growth R6 RERGX

**Morningstar Category**  
Foreign Large Growth

**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 12-31-2021

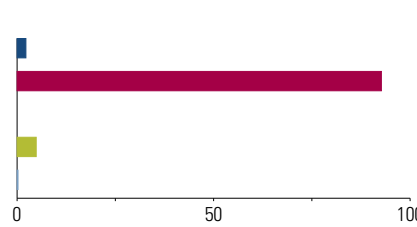
Morningstar Style Box™



## Style Breakdown

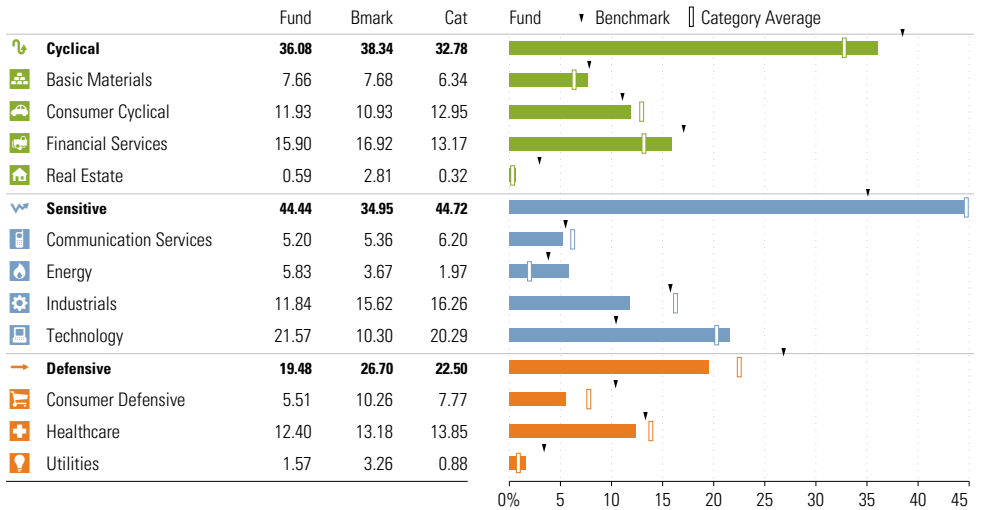


## Asset Allocation as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	2.24	7.95
Non-US Stocks	92.69	89.04
Bonds	0.00	0.02
Cash	4.86	2.50
Other	0.23	0.49
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2021



## World Regions % Equity 12-31-2021



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	37.75	29.03	Americas	13.65	14.89	Greater Europe	48.60	56.08	Developed Markets	77.71
Japan	11.26	11.96	North America	8.26	12.71	United Kingdom	6.88	9.52	Emerging Markets	22.29
Australasia	1.73	1.33	Central/Latin	5.39	2.18	W euro-ex UK	39.42	44.90	Not Available	0.00
Asia-4 Tigers	9.19	6.95				Emrgng Europe	1.17	0.67		
Asia-ex 4 Tigers	15.57	8.79				Africa	1.13	0.99		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 12-31-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	5.17	5.17	—	—
⊖ ASML Holding NV	4.04	9.22	78.48	Technology
⊕ Reliance Industries Ltd	2.58	11.80	19.60	Energy
⊕ Taiwan Semiconductor Manufacturing Co Ltd	2.53	14.32	18.02	Technology
⊖ LVMH Moët Hennessy Louis Vuitton SE	2.25	16.57	43.67	Consumer Cyclical
⊕ Shopify Inc Registered Shs -A- Subord Vtg	1.67	18.24	21.18	Technology
⊖ Keyence Corp	1.57	19.81	24.93	Technology
⊖ Airbus SE	1.57	21.38	25.15	Industrials
⊖ Sika AG	1.54	22.92	57.91	Basic Materials
⊖ MercadoLibre Inc	1.54	24.46	-19.51	Consumer Cyclical

**Total Holdings 403**

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# American Funds Invmt Co of Amer R6 RICGX

Morningstar Category  
Large Blend

Morningstar Index  
S&P 500 TR USD

## Portfolio Manager(s)

James Lovelace since 03-1992  
 Donald O'Neal since 03-1992  
 Joyce Gordon since 01-2001  
 Christopher Buchbinder since 03-2007  
 Barry Crosthwaite since 01-2013  
 Grant Cambridge since 03-2014  
 Martin Romo since 07-2018  
 Martin Jacobs since 12-2019  
 James Terrile since 03-2020

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 29.85 years.

✔ **Style:** The fund has landed in its primary style box — Large Blend — 72.73 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.27 is 66.67% lower than the Large Blend category average.

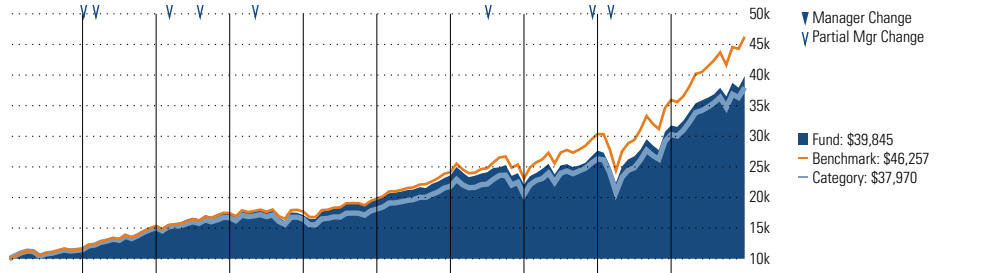
## Morningstar Investment Management LLC Analysis

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

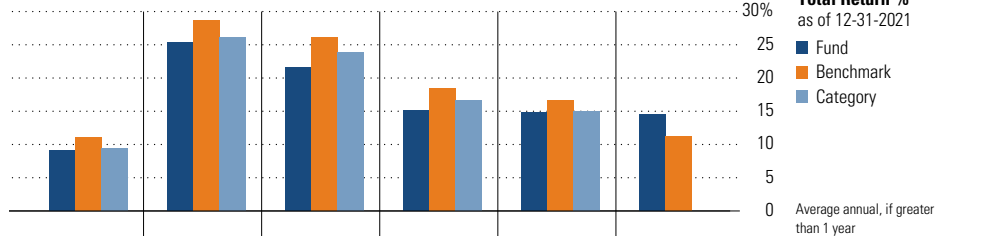
Metric	Rating	Updated
Sustainability Rating	2	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

## Growth of \$10,000



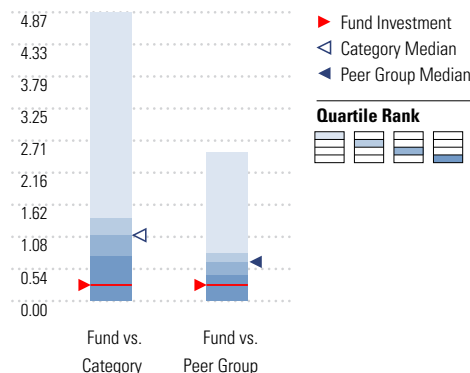
	2012	2013	2014	2015	2016	2017	2018	2019	2020	YTD	History
Performance Quartile (Within Category)	III	III	III	III	III	III	III	III	III	III	History
Total Return %	15.98	32.84	12.41	-1.15	14.93	20.06	-6.25	24.92	14.85	25.40	Total Return %
+/- Benchmark	-0.02	0.45	-1.28	-2.53	2.97	-1.77	-1.87	-6.57	-3.55	-3.31	+/- Benchmark
+/- Category	1.02	1.34	1.45	-0.08	4.56	-0.38	0.02	-3.86	-0.98	-0.67	+/- Category
Tot Ret % Rank in Cat	35	36	39	55	7	63	58	87	61	67	Tot Ret % Rank in Cat
# of Funds in Cat	1,553	1,534	1,450	1,513	1,413	1,389	1,388	1,397	1,383	1,394	# of Funds in Cat
Turnover %	21	24	29	30	25	28	36	31	39	-	Turnover %
Expense Ratio	-	-	0.30	0.30	0.30	0.30	0.29	0.28	0.27	-	Expense Ratio

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	
Fund Return %	9.08	25.40	21.63	15.16	14.83	14.53	Fund Return %
Benchmark Return %	11.03	28.71	26.07	18.47	16.55	11.25	Benchmark Return %
Category Average %	9.47	26.07	23.83	16.57	14.96	-	Category Average %
% Rank in Category	69	67	81	80	63	-	% Rank in Category
# of Funds in Category	1,462	1,394	1,256	1,121	831	-	# of Funds in Category

## Net Expense



	15	12	Percentile
Rank	219/1490	105/883	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	-1.94	-	-1.70
Beta	0.92	-	0.97
R-Squared	97.95	-	95.10
Standard Deviation	16.24	17.41	17.41
Sharpe Ratio	1.24	1.38	1.25
Tracking Error	2.68	-	3.76
Information Ratio	-1.66	-	-1.29
Up Capture Ratio	90.14	-	93.94
Down Capture Ratio	99.74	-	100.53

## Portfolio Metrics

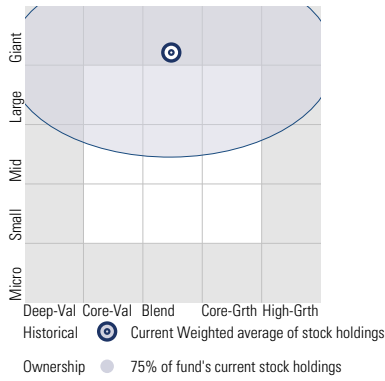
	Fund	Bmark	Cat
Price/Earnings Ratio	23.55	25.15	25.73
Price/Book Ratio	4.07	4.59	5.74
Geom Avg Mkt Cap \$B	223.15	230.65	305.14
ROE	29.42	32.75	38.00

# American Funds Invmt Co of Amer R6 RICGX

**Morningstar Category**  
Large Blend

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

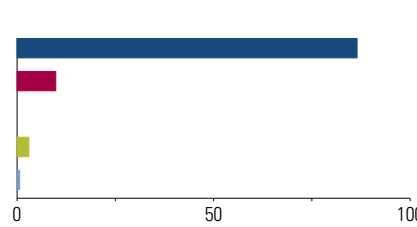
**Style Analysis** as of 12-31-2021  
Morningstar Style Box™



**Style Breakdown**



**Asset Allocation** as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	86.50	94.69
Non-US Stocks	9.84	2.90
Bonds	0.00	0.81
Cash	2.99	0.14
Other	0.66	1.47
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 12-31-2021

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>27.27</b>	<b>30.24</b>	<b>30.60</b>			
Basic Materials	4.38	2.27	2.74			
Consumer Cyclical	11.26	12.29	11.31			
Financial Services	9.46	12.91	14.10			
Real Estate	2.17	2.77	2.45			
<b>Sensitive</b>	<b>50.78</b>	<b>47.59</b>	<b>46.81</b>			
Communication Services	15.00	10.16	9.79			
Energy	4.36	2.67	2.39			
Industrials	10.04	8.13	9.86			
Technology	21.38	26.63	24.77			
<b>Defensive</b>	<b>21.95</b>	<b>22.18</b>	<b>22.60</b>			
Consumer Defensive	6.42	6.30	6.60			
Healthcare	11.84	13.38	13.78			
Utilities	3.69	2.50	2.22			

**Top 15 Holdings** as of 12-31-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	8.51	8.51	52.24	Technology
Broadcom Inc	4.38	12.89	55.38	Technology
Meta Platforms Inc Class A	4.23	17.12	23.13	Communication Svc
Amazon.com Inc	3.65	20.77	2.38	Consumer Cyclical
Comcast Corp Class A	3.12	23.89	-2.08	Communication Svc
Capital Group Central Cash Fund	2.91	26.80	-	-
Netflix Inc	2.88	29.68	11.41	Communication Svc
Abbott Laboratories	2.79	32.47	30.19	Healthcare
The Home Depot Inc	2.67	35.15	58.73	Consumer Cyclical
Alphabet Inc Class A	2.45	37.59	65.30	Communication Svc
Philip Morris International Inc	2.19	39.78	20.67	Consumer Defensive
Apple Inc	2.00	41.78	34.48	Technology
UnitedHealth Group Inc	1.98	43.76	44.79	Healthcare
Linde PLC	1.57	45.33	33.08	Basic Materials
General Electric Co	1.53	46.87	9.71	Industrials

**Total Holdings 191**

⊕ 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
- Nicholas Grace since 01-2008
- Christopher Thomsen since 01-2009
- Winnie Kwan since 01-2009
- Tomonori Tani since 10-2013
- Jonathan Knowles since 01-2016
- Bradford Freer since 01-2017
- Lisa Thompson since 10-2019
- Kirstie Spence since 12-2019
- Piyada Phanaphat since 01-2021
- Akira Shiraishi since 01-2021
- Dawid Justus since 01-2022

## 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 22.56 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 52.1% lower than the Diversified Emerging Mkts category average.

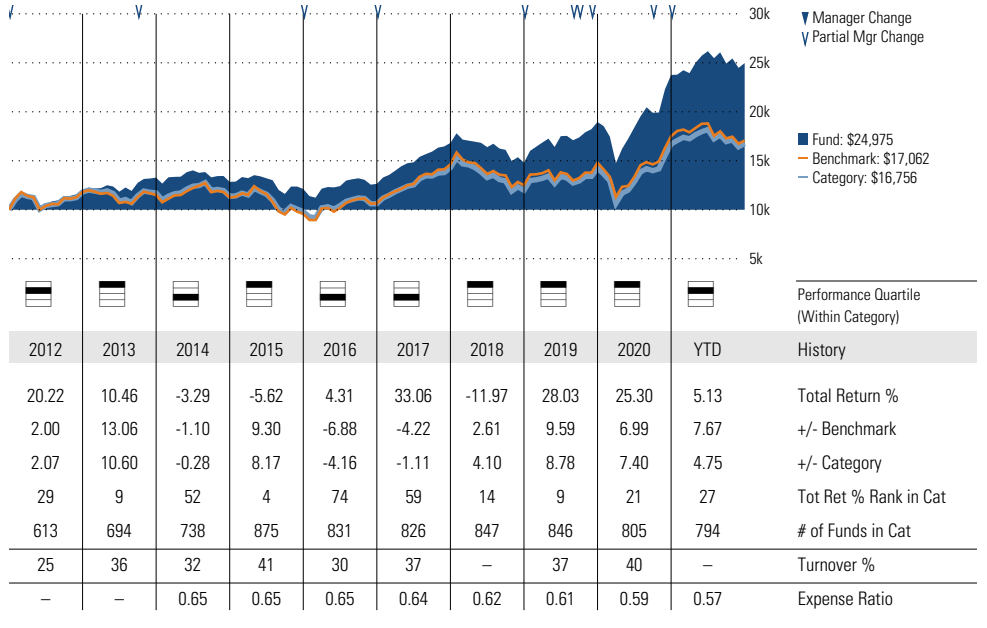
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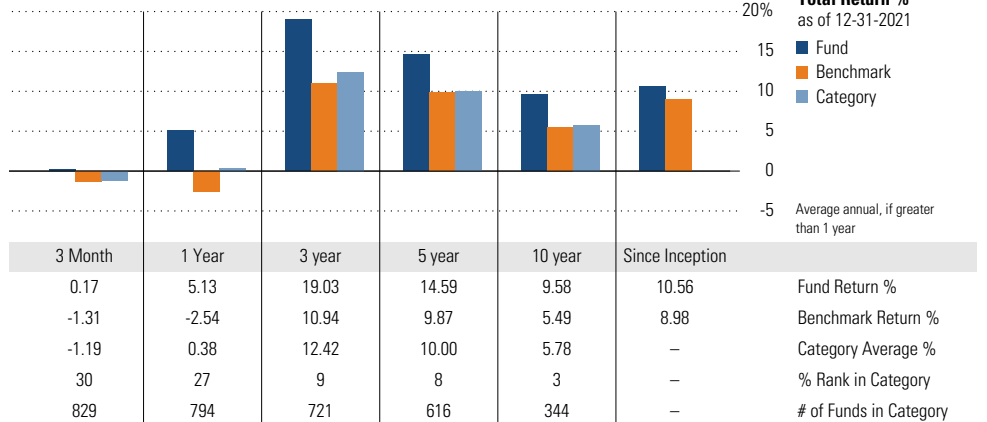
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	4	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

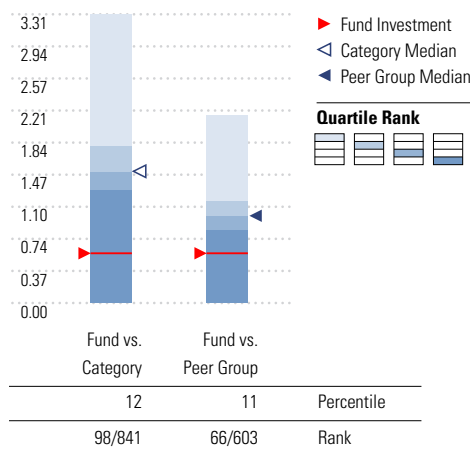
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	8.34	-	1.96
Beta	0.88	-	0.99
R-Squared	87.38	-	90.38
Standard Deviation	17.60	18.59	19.41
Sharpe Ratio	1.03	0.61	0.68
Tracking Error	6.61	-	5.81
Information Ratio	1.22	-	0.30
Up Capture Ratio	108.75	-	102.20
Down Capture Ratio	77.83	-	95.08

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	21.24	12.49	14.48
Price/Book Ratio	3.38	1.84	2.32
Geom Avg Mkt Cap \$B	66.76	43.97	53.07
ROE	20.37	18.03	18.99

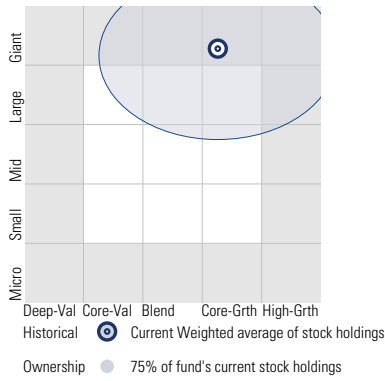
# American Funds New World R6 RNWGX

**Morningstar Category**  
Diversified Emerging Mkts

**Morningstar Index**  
MSCI EM NR USD

## Style Analysis as of 12-31-2021

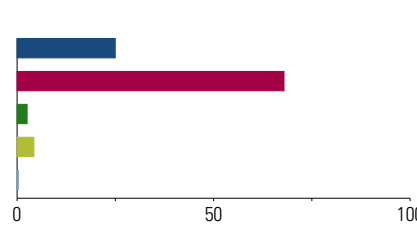
Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	24.97	3.29
Non-US Stocks	67.91	94.33
Bonds	2.55	-0.03
Cash	4.27	2.27
Other	0.30	0.14
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2021

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>37.47</b>	<b>42.89</b>	<b>41.50</b>			
Basic Materials	8.62	8.51	6.37			
Consumer Cyclical	12.38	13.12	13.94			
Financial Services	14.96	19.34	19.72			
Real Estate	1.51	1.92	1.47			
<b>Sensitive</b>	<b>41.22</b>	<b>44.69</b>	<b>45.46</b>			
Communication Services	9.24	11.12	11.22			
Energy	3.35	5.66	4.95			
Industrials	8.58	5.08	5.52			
Technology	20.05	22.83	23.77			
<b>Defensive</b>	<b>21.32</b>	<b>12.41</b>	<b>13.04</b>			
Consumer Defensive	5.77	5.66	6.81			
Healthcare	13.72	4.41	4.93			
Utilities	1.83	2.34	1.30			

## World Regions % Equity 12-31-2021



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	39.39	73.88	Americas	37.45	12.03	Greater Europe	23.15	14.08	Developed Markets	61.07
Japan	2.94	0.13	North America	28.88	3.05	United Kingdom	2.55	0.83	Emerging Markets	38.93
Australasia	0.88	0.05	Central/Latin	8.57	8.98	W euro-ex UK	17.20	2.29	Not Available	0.00
Asia-4 Tigers	8.05	27.34				Emrgng Europe	1.79	6.62		
Asia-ex 4 Tigers	27.52	46.36				Africa	1.61	4.34		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 12-31-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	4.21	4.21	-	-
Microsoft Corp	3.17	7.39	52.24	Technology
Taiwan Semiconductor Manufacturing Co Ltd	2.04	9.43	18.02	Technology
Reliance Industries Ltd	1.90	11.33	19.60	Energy
Kotak Mahindra Bank Ltd	1.79	13.12	-9.96	Financial Services
Kweichow Moutai Co Ltd Class A	1.53	14.65	3.47	Consumer Defensive
Silergy Corp	1.43	16.08	108.94	Technology
MercadoLibre Inc	1.36	17.44	-19.51	Consumer Cyclical
Thermo Fisher Scientific Inc	1.27	18.71	43.48	Healthcare
Alphabet Inc Class C	1.26	19.97	65.17	Communication Svc

**Total Holdings 562**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Baird Aggregate Bond Inst BAGIX

**Morningstar Category**  
Intermediate Core Bond

**Morningstar Index**  
BBgBarc 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

## 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 21.27 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.3 is 49.15% lower than the Intermediate Core Bond category average.

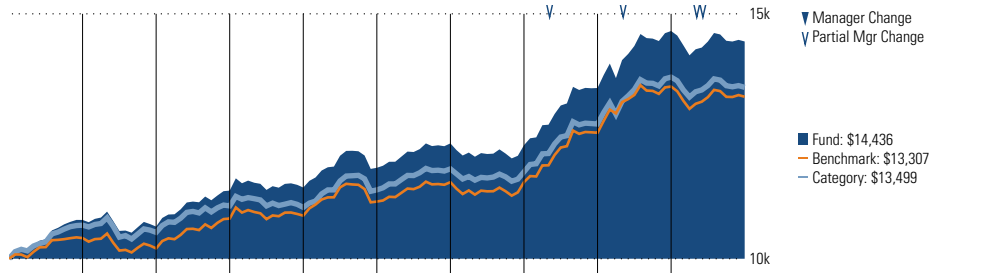
## Morningstar Investment Management LLC Analysis

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

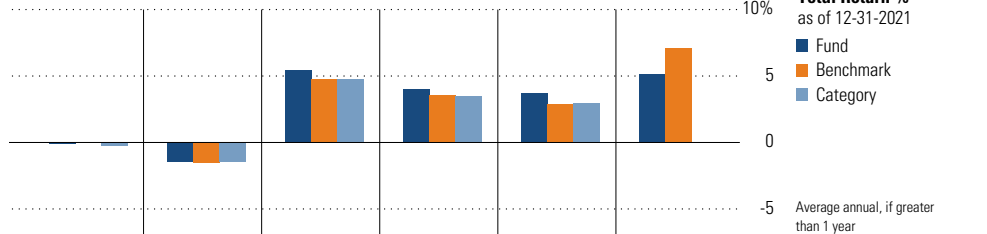
Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021

## Growth of \$10,000



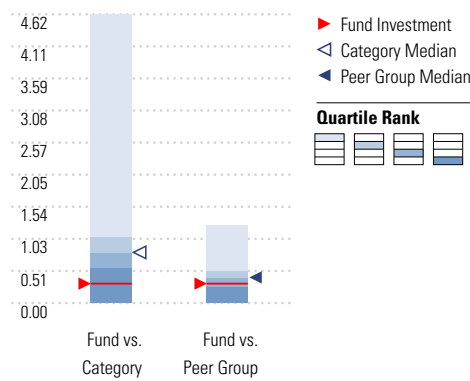
	2012	2013	2014	2015	2016	2017	2018	2019	2020	YTD	Performance Quartile (Within Category)
	7.92	-1.25	6.89	0.55	3.52	4.20	-0.30	9.48	8.63	-1.46	History
	3.71	0.77	0.92	0.00	0.87	0.66	-0.31	0.76	1.12	0.08	Total Return %
	0.91	0.17	1.71	0.81	0.29	0.49	0.20	1.42	1.11	0.02	+/- Benchmark
	34	36	8	22	37	31	41	15	22	40	+/- Category
	531	540	477	490	453	449	427	434	420	426	Tot Ret % Rank in Cat
	64	28	32	40	36	28	24	31	35	-	# of Funds in Cat
	-	-	0.30	0.30	0.30	0.30	0.30	0.30	0.30	-	Turnover %
											Expense Ratio

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Total Return % as of 12-31-2021
	-0.10	-1.46	5.43	4.01	3.74	5.16	Fund Return %
	0.01	-1.54	4.79	3.57	2.90	7.11	Benchmark Return %
	-0.24	-1.48	4.81	3.47	2.95	-	Category Average %
	29	40	20	13	9	-	% Rank in Category
	442	426	389	351	256	-	# of Funds in Category

## Net Expense



	Fund vs. Category	Fund vs. Peer Group	Percentile Rank
	21	32	93/447
			118/369

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	0.22	-	0.04
Beta	1.09	-	1.01
R-Squared	91.63	-	84.77
Standard Deviation	3.86	3.40	3.75
Sharpe Ratio	1.20	1.18	1.09
Tracking Error	1.15	-	1.45
Information Ratio	0.55	-	-0.09
Up Capture Ratio	113.05	-	104.26
Down Capture Ratio	112.92	-	109.91

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	6.78	4.43	6.27
Avg Eff Maturity	8.49	-	7.77

# Baird Aggregate Bond Inst BAGIX

**Morningstar Category**  
Intermediate Core Bond

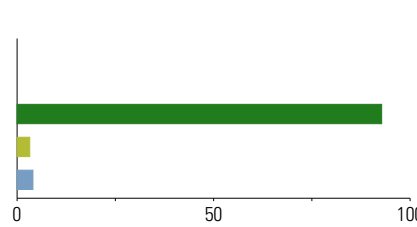
**Morningstar Index**  
BBgBarc US Agg Bond TR USD

**Style Analysis** as of 12-31-2021

**Style Breakdown**



**Asset Allocation** as of 12-31-2021

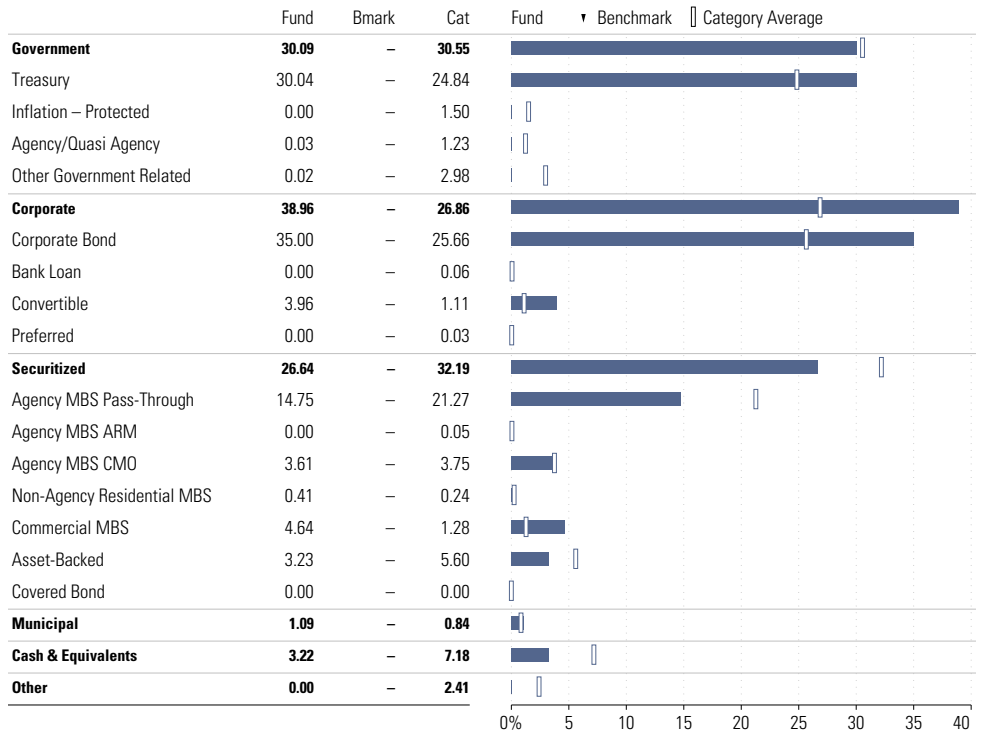


Asset Class	Net %	Cat%
US Stocks	0.00	0.05
Non-US Stocks	0.00	0.00
Bonds	92.76	95.78
Cash	3.22	1.97
Other	4.03	2.20
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Credit Rating Breakdown**

	Fund	Bmark	Cat
AAA	59.10	3.53	46.66
AA	3.40	74.59	11.82
A	13.60	10.82	22.68
BBB	23.20	8.32	15.84
BB	0.70	0.28	1.55
B	0.00	0.00	0.51
Below B	0.00	0.00	0.23
Not Rated	0.00	2.46	0.72

**Sector Weighting** as of 12-31-2021



**Top 10 Holdings** as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
United States Treasury Bonds 2.5%	02-2045	4.24	4.24	-
⊕ United States Treasury Notes 0.38%	07-2024	3.69	7.92	-
⊖ United States Treasury Bonds 2.88%	05-2043	3.60	11.52	-
⊕ United States Treasury Notes 2.25%	11-2025	3.13	14.66	-
⊖ First American Government Obligs U	02-2030	3.01	17.66	-
⊖ United States Treasury Notes 2%	11-2026	2.98	20.65	-
⊖ United States Treasury Notes 2.25%	11-2027	2.74	23.38	-
⊕ United States Treasury Bonds 1.38%	11-2040	2.12	25.50	-
⊖ United States Treasury Notes 2.5%	05-2024	2.09	27.59	-
⊕ United States Treasury Notes 1.13%	08-2028	1.66	29.26	-

**Total Holdings 1520**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# BlackRock High Yield Bond Instl BHYX

**Morningstar Category**  
High Yield Bond

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 14.01 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.62 is 33.33% lower than the High Yield Bond category average.

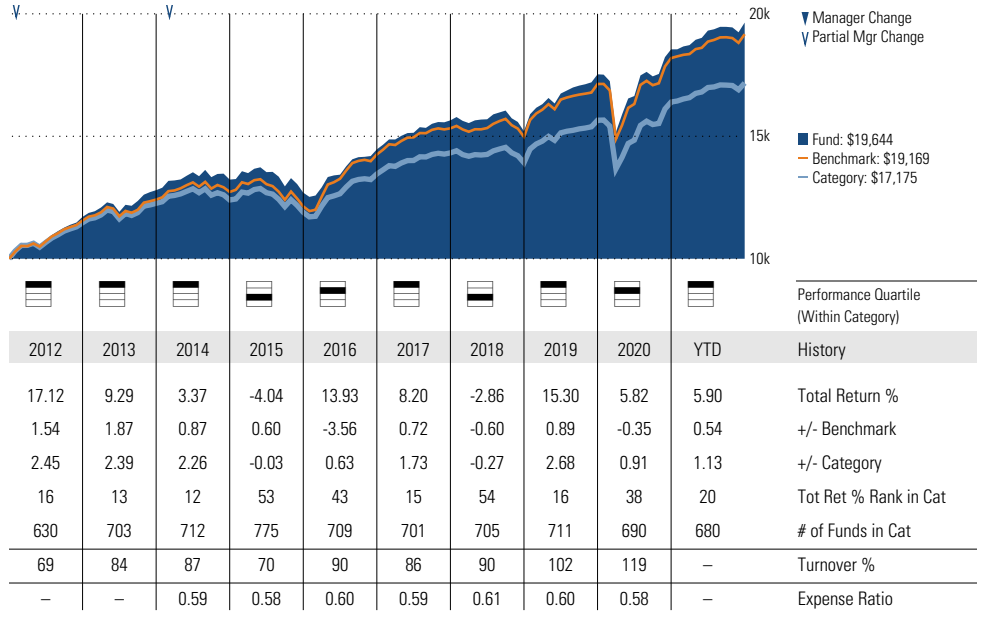
## Morningstar Investment Management LLC Analysis

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.

## ESG Metrics

Metric	Rating	Updated
ESG Commitment	2-Basic	12-16-2021

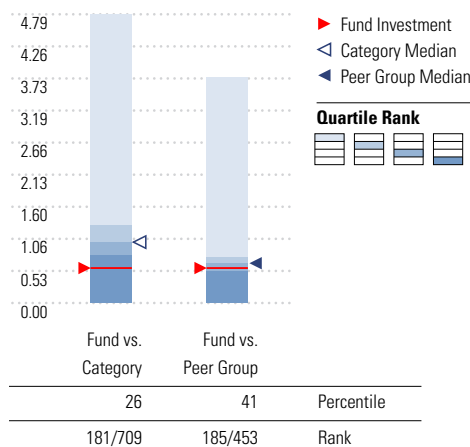
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.16	-	-0.59
Beta	1.02	-	0.97
R-Squared	99.25	-	95.71
Standard Deviation	9.50	9.27	9.19
Sharpe Ratio	0.86	0.85	0.78
Tracking Error	0.85	-	2.20
Information Ratio	0.41	-	-0.42
Up Capture Ratio	103.04	-	93.21
Down Capture Ratio	101.82	-	98.40

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	1.45	-	3.34
Avg Eff Maturity	7.45	-	4.35

# BlackRock High Yield Bond Instl BHYX

**Morningstar Category**  
High Yield Bond

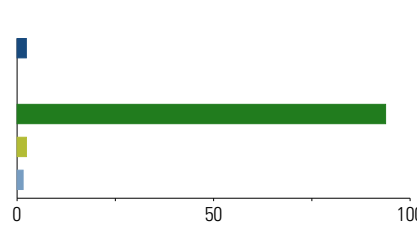
**Morningstar Index**  
ICE BofA US High Yield TR USD

## Style Analysis as of 12-31-2021

### Style Breakdown



## Asset Allocation as of 12-31-2021

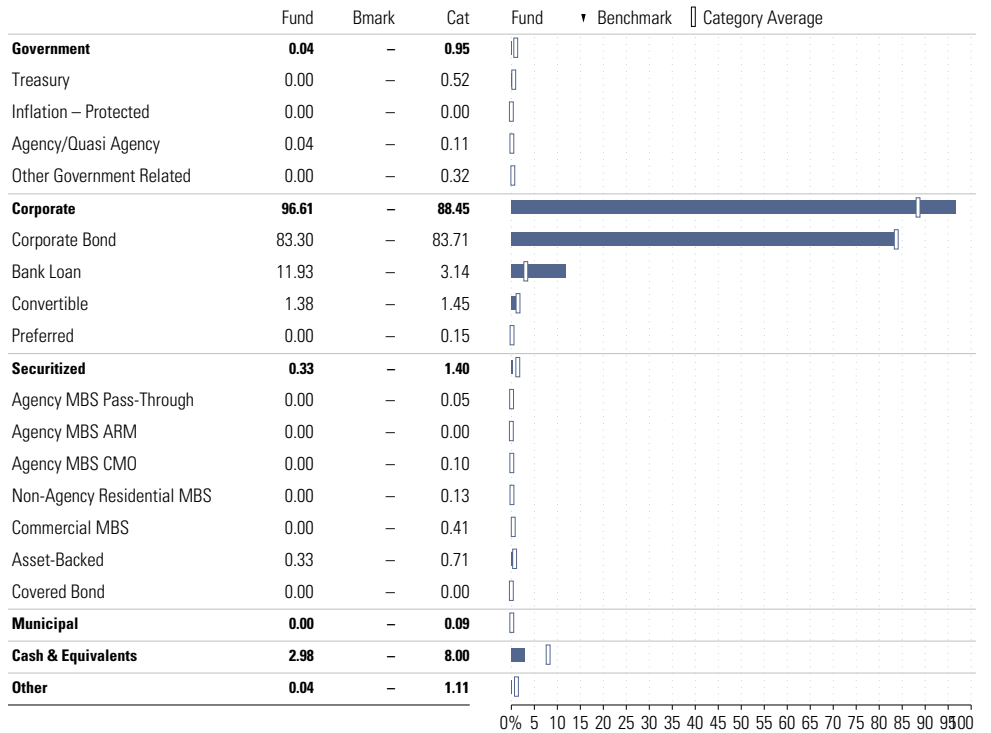


Asset Class	Net %	Cat%
US Stocks	2.35	1.04
Non-US Stocks	0.00	0.00
Bonds	93.76	90.09
Cash	2.37	6.77
Other	1.53	2.10
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	0.66	-	1.69
AA	0.00	-	0.19
A	0.27	-	0.29
BBB	2.36	-	3.95
BB	31.98	-	35.70
B	44.10	-	37.32
Below B	17.60	-	18.19
Not Rated	3.02	-	2.67

## Sector Weighting as of 12-31-2021



## Top 10 Holdings as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ BlackRock Liquidity T-Fund Instl	-	2.74	2.74	-
⊕ iShares iBoxx \$ High Yield Corp Bd ETF	-	1.84	4.58	-
⊕ TransDigm, Inc. 6.25%	03-2026	1.26	5.84	-
⊕ SPDR® Blmbg Barclays High Yield Bd ETF	-	1.17	7.01	-
⊕ Clarios Global Lp 8.5%	05-2027	0.60	7.61	-
⊕ Ascent Resources Utica Holdings LI TI	11-2025	0.60	8.21	-
⊕ iShares Broad USD High Yield Corp Bd ETF	-	0.52	8.73	-
⊕ Brand Energy & Infrastructure Serv TI	06-2024	0.52	9.25	-
Altice France Holdings S A 10.5%	05-2027	0.51	9.75	-
Verscend Escrow Corp 9.75%	08-2026	0.47	10.22	-

**Total Holdings 1591**

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# Carillon Eagle Small Cap Growth I HSIIX

Morningstar Category  
Small Growth

Morningstar Index  
Russell 2000 Growth TR USD

## Portfolio Manager(s)

Bert Boksen since 12-1995  
Eric Mintz since 03-2011  
Christopher Sassouni since 03-2015

## Quantitative Screens

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

**Management:** The fund's management has been in place for 26.02 years.

**Style:** The fund has landed in its primary style box — Small Growth — 75 % of the time over the past three years.

**Net Expense:** The fund's expense ratio of 0.78 is 35% lower than the Small Growth category average.

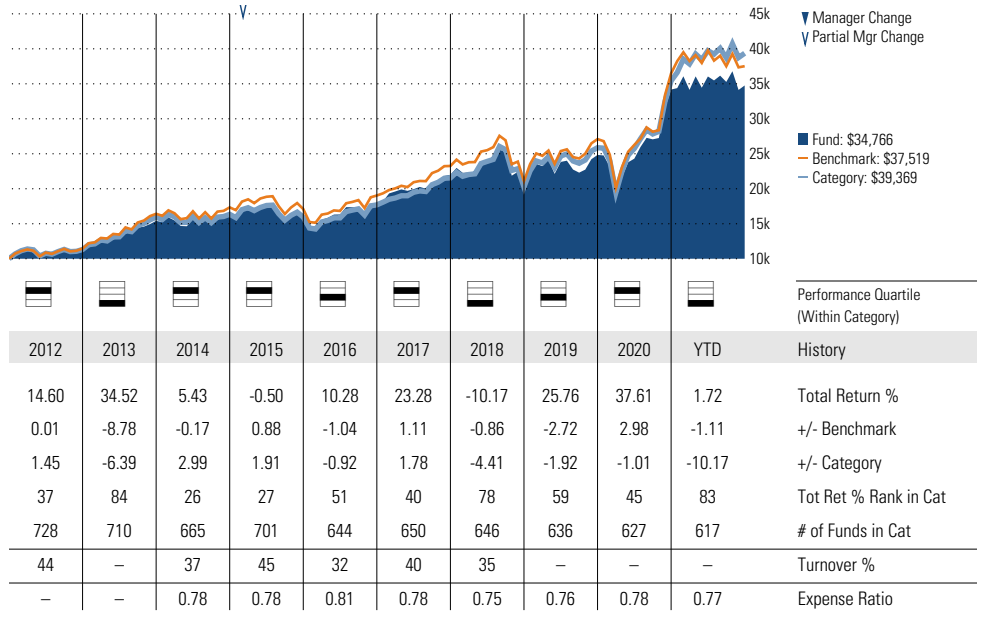
## Morningstar Investment Management LLC Analysis

We are putting Carillon Eagle Small Cap Growth on watch. The fund's returns for the trailing three-, five-, and ten-year periods through June 30, 2021, rank in its category's bottom quartile. The fund will remain on watch while we assess management's ability to earn more-competitive results.

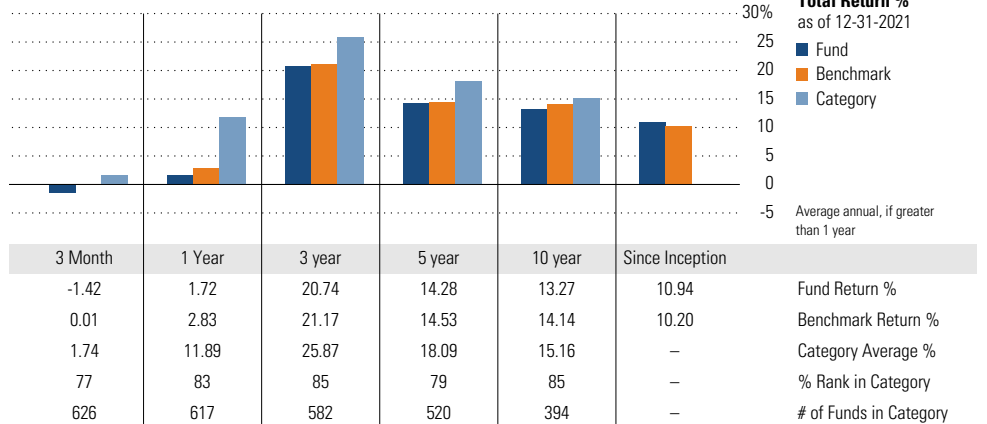
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	11-30-2021

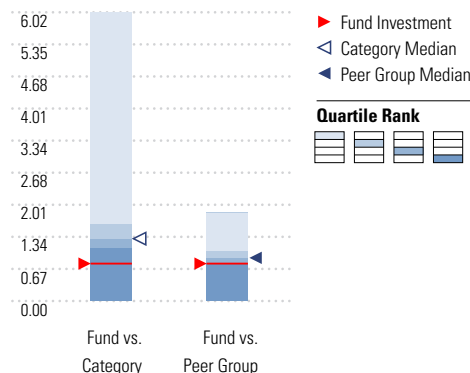
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.26	-	4.94
Beta	0.97	-	0.94
R-Squared	94.87	-	89.52
Standard Deviation	23.35	23.40	23.24
Sharpe Ratio	0.89	0.90	1.07
Tracking Error	5.33	-	7.72
Information Ratio	-0.08	-	0.57
Up Capture Ratio	100.98	-	101.88
Down Capture Ratio	103.32	-	87.49

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	32.30	22.94	32.03
Price/Book Ratio	5.24	4.80	5.03
Geom Avg Mkt Cap \$B	4.99	3.20	6.12
ROE	15.77	8.90	7.44

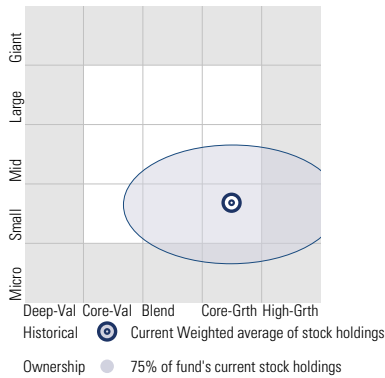
# Carillon Eagle Small Cap Growth I HSIIX

Morningstar Category  
Small Growth

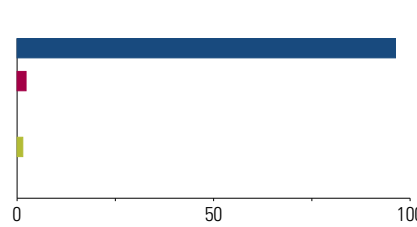
Morningstar Index  
Russell 2000 Growth TR USD

## Style Analysis as of 12-31-2021

Morningstar Style Box™



## Asset Allocation as of 12-31-2021

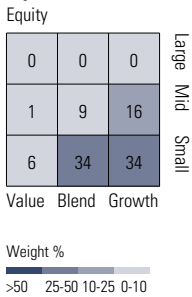


Asset Class	Net %	Cat%
US Stocks	96.28	92.78
Non-US Stocks	2.28	4.51
Bonds	0.00	0.00
Cash	1.45	1.82
Other	0.00	0.89
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2021

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>26.79</b>	<b>25.45</b>	<b>25.72</b>			
Basic Materials	5.36	3.28	2.47			
Consumer Cyclical	13.14	13.24	12.22			
Financial Services	5.99	5.64	8.42			
Real Estate	2.30	3.29	2.61			
<b>Sensitive</b>	<b>44.67</b>	<b>44.66</b>	<b>46.26</b>			
Communication Services	0.43	3.32	2.51			
Energy	1.65	2.19	1.47			
Industrials	18.74	15.68	16.15			
Technology	23.85	23.47	26.13			
<b>Defensive</b>	<b>28.54</b>	<b>29.90</b>	<b>28.02</b>			
Consumer Defensive	4.89	3.97	3.83			
Healthcare	23.65	25.44	23.54			
Utilities	0.00	0.49	0.65			

## Style Breakdown



## Top 15 Holdings as of 12-31-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Everi Holdings Inc	3.22	3.22	54.60	Consumer Cyclical
Quaker Houghton	3.13	6.35	-8.29	Basic Materials
Chart Industries Inc	2.60	8.95	35.40	Industrials
Landstar System Inc	2.58	11.53	35.11	Industrials
LPL Financial Holdings Inc	2.32	13.85	54.57	Financial Services
Ritchie Bros Auctioneers Inc	2.28	16.13	-11.18	Industrials
EastGroup Properties Inc	2.27	18.39	67.63	Real Estate
The Simply Good Foods Co	2.18	20.58	32.56	Consumer Defensive
Summit Materials Inc A	2.15	22.73	99.90	Basic Materials
MarineMax Inc	2.10	24.83	68.54	Consumer Cyclical
Silicon Laboratories Inc	2.05	26.88	62.10	Technology
Entegris Inc	2.02	28.90	44.54	Technology
Woodward Inc	2.02	30.92	-9.40	Industrials
Pegasystems Inc	1.95	32.87	-16.00	Technology
CMC Materials Inc Ordinary Shares	1.91	34.78	27.91	Technology

Total Holdings 95

⊕ 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)

Christopher Beck since 05-1997  
Steven Catricks since 07-2012  
Kelley Carabasi since 07-2012  
Kent Madden since 07-2012  
Michael Foley since 07-2019

## Quantitative Screens

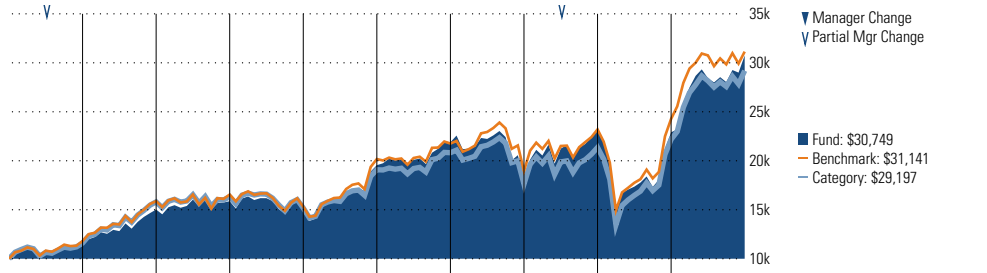
✔ **Performance:** The fund has finished in the Small Value category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 24.68 years.

✔ **Style:** The fund has landed in its primary style box — Small Value — 94.12 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.89 is 23.93% lower than the Small Value category average.

## Growth of \$10,000



	2012	2013	2014	2015	2016	2017	2018	2019	2020	YTD	Performance Quartile (Within Category)
	13.37	32.50	5.64	-6.20	31.35	11.99	-17.35	28.16	-1.23	34.24	History
	-4.68	-2.02	1.42	1.27	-0.39	4.15	-4.49	5.77	-5.86	5.97	Total Return %
	-2.63	-3.72	2.30	0.51	5.36	3.45	-1.89	6.73	-5.25	2.67	+/- Benchmark
	70	79	27	52	11	19	72	8	75	33	+/- Category
	470	485	465	505	477	481	483	473	450	447	Tot Ret % Rank in Cat
	11	28	17	20	19	15	18	18	23	—	# of Funds in Cat
	—	—	0.97	0.97	0.99	0.93	0.90	0.90	0.89	—	Turnover %
	—	—	—	—	—	—	—	—	—	—	Expense Ratio

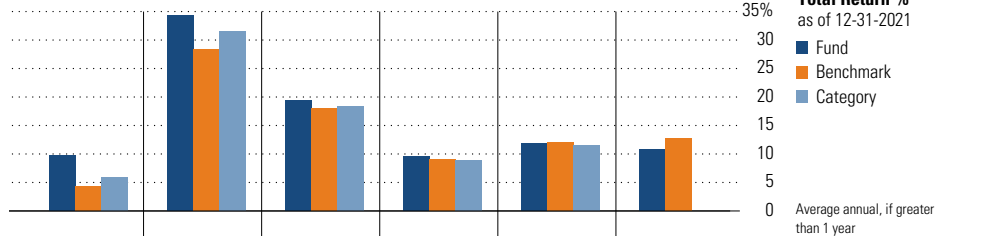
## Morningstar Investment Management LLC Analysis

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

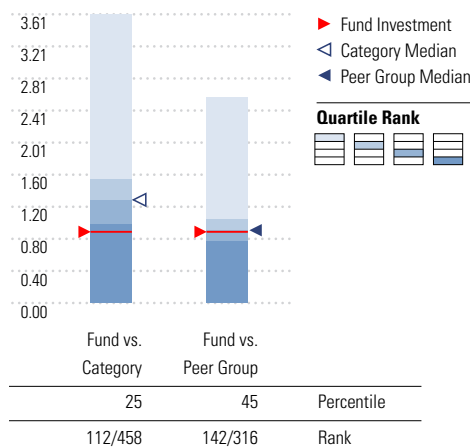
Metric	Rating	Updated
Sustainability Rating	3	11-30-2021

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	
	9.70	34.24	19.33	9.48	11.89	10.85	Fund Return %
	4.36	28.27	17.99	9.07	12.03	12.80	Benchmark Return %
	5.86	31.57	18.37	8.87	11.43	—	Category Average %
	4	33	32	40	44	—	% Rank in Category
	457	447	419	393	301	—	# 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	1.24	—	0.44
Beta	1.00	—	1.01
R-Squared	96.14	—	95.25
Standard Deviation	25.94	25.35	26.37
Sharpe Ratio	0.79	0.75	0.75
Tracking Error	5.10	—	6.12
Information Ratio	0.26	—	0.09
Up Capture Ratio	103.45	—	102.29
Down Capture Ratio	101.05	—	101.99

## Portfolio Metrics

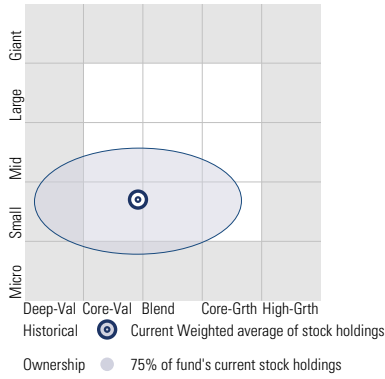
	Fund	Bmark	Cat
Price/Earnings Ratio	14.66	13.35	14.51
Price/Book Ratio	1.96	1.62	1.80
Geom Avg Mkt Cap \$B	5.09	2.32	4.32
ROE	16.08	7.58	16.24

# Delaware Small Cap Value Instl DEVIX

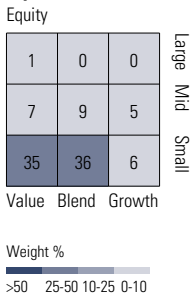
**Morningstar Category**  
Small Value

**Morningstar Index**  
Russell 2000 Value TR USD

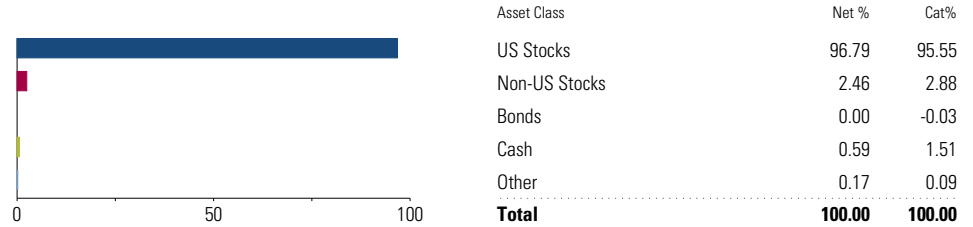
**Style Analysis** as of 12-31-2021  
Morningstar Style Box™



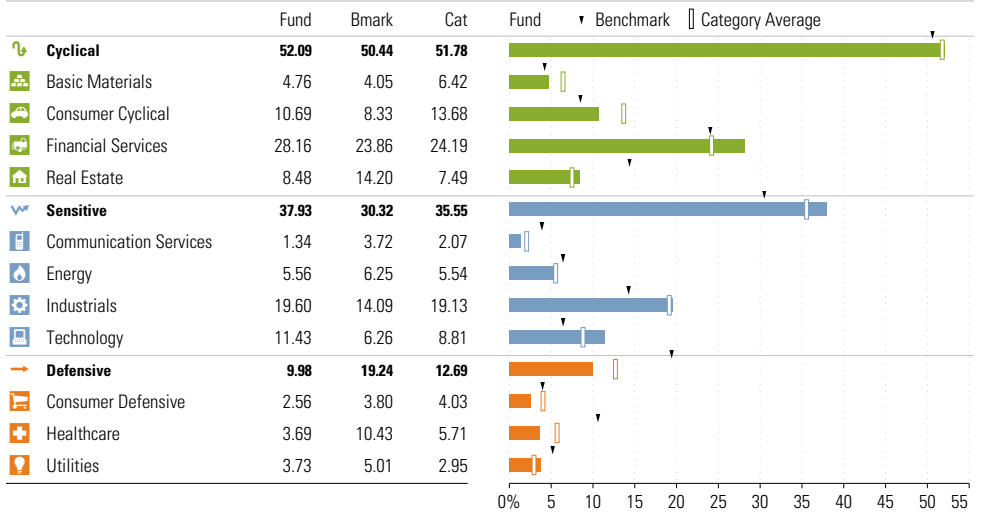
**Style Breakdown**



**Asset Allocation** as of 12-31-2021



**Sector Weighting** as of 12-31-2021



**Top 15 Holdings** as of 12-31-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ East West Bancorp Inc	2.90	2.90	57.76	Financial Services
Western Alliance Bancorp	2.39	5.29	81.57	Financial Services
⊖ Louisiana-Pacific Corp	2.32	7.62	112.62	Industrials
MasTec Inc	2.30	9.92	35.35	Industrials
⊖ Stifel Financial Corp	2.20	12.11	40.75	Financial Services
Hancock Whitney Corp	1.93	14.04	50.21	Financial Services
ITT Inc	1.91	15.95	33.82	Industrials
Devon Energy Corp	1.85	17.80	191.08	Energy
Webster Financial Corp	1.82	19.63	36.28	Financial Services
WESCO International Inc	1.75	21.38	67.63	Industrials
⊖ ON Semiconductor Corp	1.75	23.13	107.52	Technology
Berry Global Group Inc	1.69	24.82	31.30	Consumer Cyclical
Atkore Inc	1.64	26.46	170.47	Industrials
⊕ American Equity Investment Life Holding Co	1.48	27.94	41.94	Financial Services
⊕ Umpqua Holdings Corp	1.46	29.39	32.63	Financial Services

**Total Holdings 117**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Federated Hermes Govt Ultrashort IS FGUSX

**Morningstar Category**  
Ultrashort Bond

**Morningstar Index**  
BBgBarc 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 5 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 24.49 years.

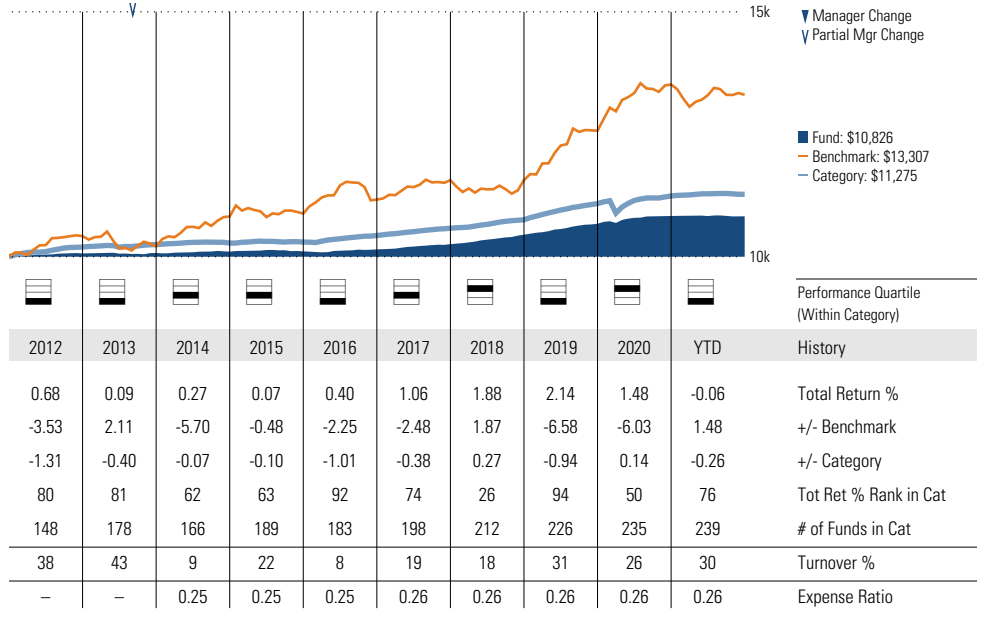
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.26 is 40.91% lower than the Ultrashort Bond category average.

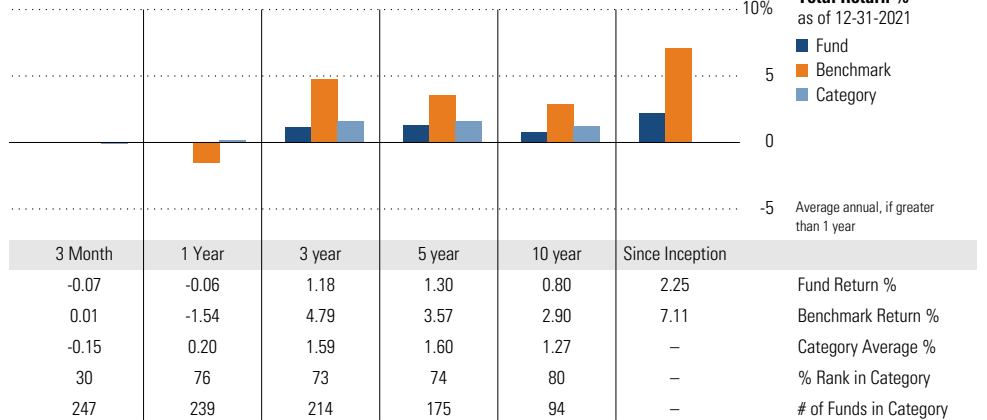
## Morningstar Investment Management LLC Analysis

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.

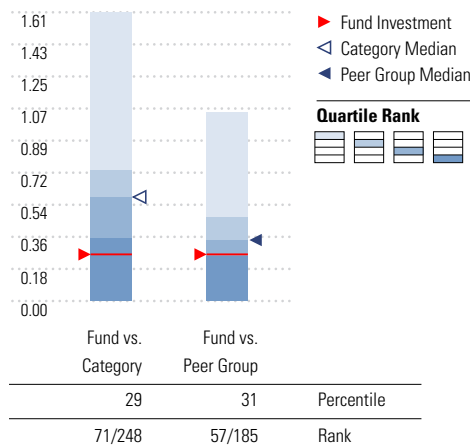
## Growth of \$10,000



## 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

	Fund	Bmark	Cat
Alpha	0.80	-	0.69
Beta	0.08	-	0.18
R-Squared	25.93	-	15.42
Standard Deviation	0.54	3.40	1.81
Sharpe Ratio	0.67	1.18	0.41
Tracking Error	3.16	-	3.44
Information Ratio	-1.14	-	-0.99
Up Capture Ratio	14.54	-	26.44
Down Capture Ratio	-5.40	-	16.05

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	0.40	4.43	0.59
Avg Eff Maturity	3.08	-	2.49

# Federated Hermes Govt Ultrashort IS FGUSX

**Morningstar Category**  
Ultrashort Bond

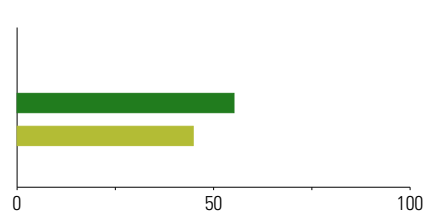
**Morningstar Index**  
BBgBarc US Agg Bond TR USD

**Style Analysis** as of 12-31-2021

**Style Breakdown**



**Asset Allocation** as of 12-31-2021

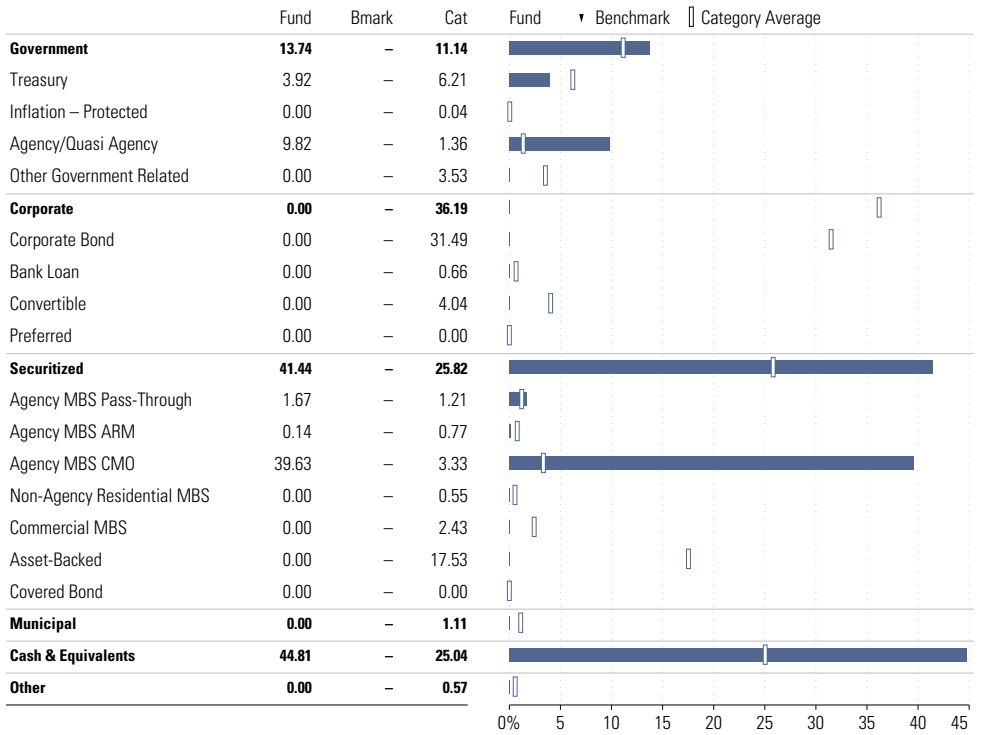


Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.00
Bonds	55.19	71.19
Cash	44.81	24.31
Other	0.00	4.50
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Credit Rating Breakdown**

	Fund	Bmark	Cat
AAA	100.00	3.53	42.54
AA	0.00	74.59	5.49
A	0.00	10.82	15.78
BBB	0.00	8.32	21.73
BB	0.00	0.28	1.74
B	0.00	0.00	1.81
Below B	0.00	0.00	0.46
Not Rated	0.00	2.46	10.45

**Sector Weighting** as of 12-31-2021



**Top 10 Holdings** as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Hsbc Repo 2 Repo	01-2022	22.91	22.91	-
⊕ Novasc Repo 1 Repo	01-2022	21.25	44.15	-
Federal Home Loan Banks 0.4%	06-2024	4.19	48.35	-
⊖ Federal National Mortgage Association 0.60188%	08-2059	2.48	50.83	-
⊖ Federal Home Loan Mortgage Corporation 0.55188%	09-2049	2.10	52.93	-
⊖ Federal National Mortgage Association 0.55188%	06-2050	2.00	54.92	-
⊖ Federal Home Loan Mortgage Corporation 0.55188%	01-2050	1.73	56.65	-
⊖ Government National Mortgage Association 2.26188%	03-2067	1.66	58.32	-
⊖ Government National Mortgage Association 0.82%	02-2065	1.64	59.96	-
⊖ Federal Home Loan Mortgage Corporation 0.444%	08-2030	1.57	61.53	-

**Total Holdings** 221

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Invesco Balanced-Risk Commodity Strat R6 IBRFX

**Morningstar Category**  
Commodities Broad Basket

**Morningstar Index**  
Bloomberg Commodity TR USD

## Portfolio Manager(s)

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

## Quantitative Screens

✔ **Performance:** The fund has finished in the Commodities Broad Basket category's top three quartiles in 6 of the 9 years it's been in existence.

✔ **Management:** The fund's management has been in place for 11.09 years.

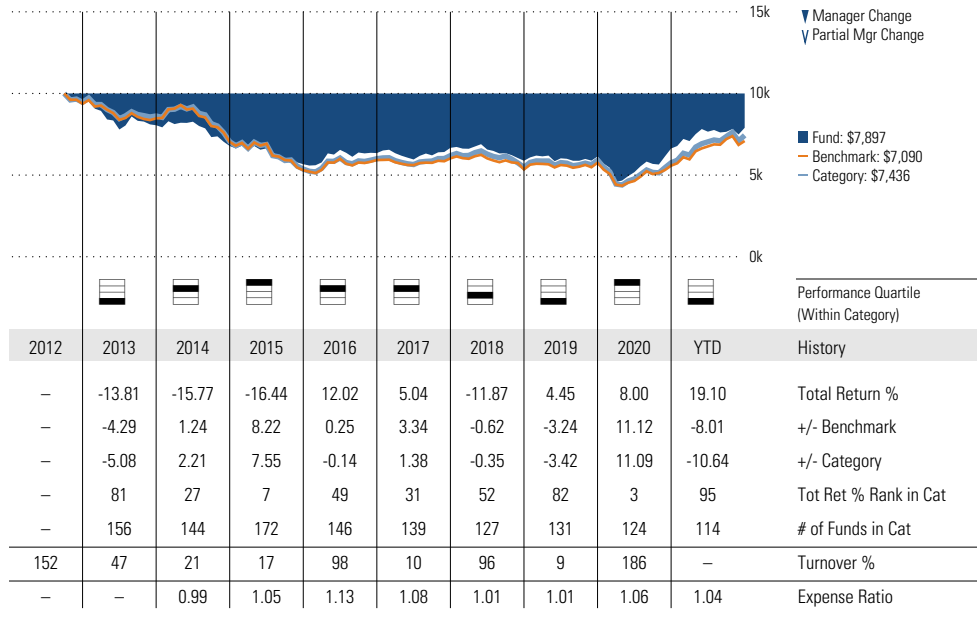
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 1.15 is 8.49% higher than the Commodities Broad Basket category average.

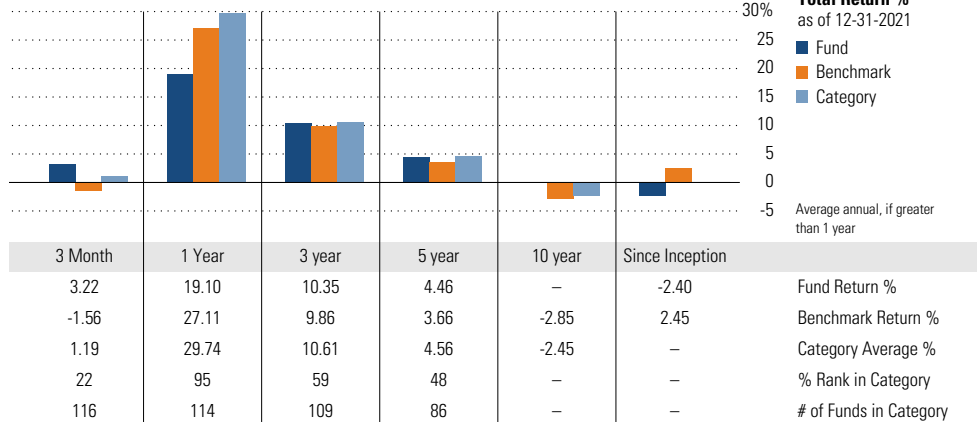
## Morningstar Investment Management LLC Analysis

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.

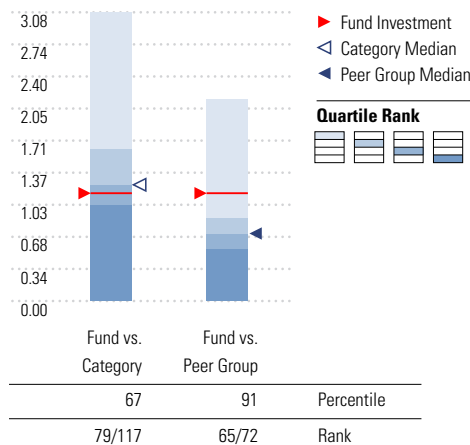
## Growth of \$10,000



## 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	0.82	-	0.78
Beta	0.99	-	1.09
R-Squared	82.01	-	85.54
Standard Deviation	16.84	15.46	18.55
Sharpe Ratio	0.62	0.63	0.64
Tracking Error	7.15	-	7.33
Information Ratio	0.07	-	0.31
Up Capture Ratio	97.66	-	109.45
Down Capture Ratio	93.98	-	107.62

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	-	-	14.38
Price/Book Ratio	-	-	1.78
Geom Avg Mkt Cap \$B	-	-	30.14
ROE	-	-	12.41

# Invesco Balanced-Risk Commodity Strat R6 IBRFX

**Morningstar Category**  
Commodities Broad Basket

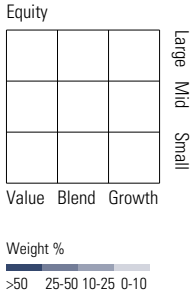
**Morningstar Index**  
Bloomberg Commodity TR USD

## Style Analysis as of 12-31-2021

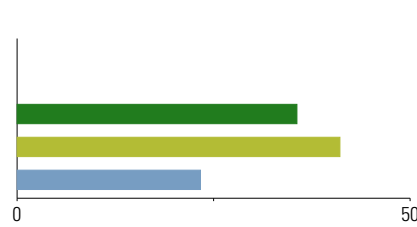
Morningstar Style Box™



## Style Breakdown

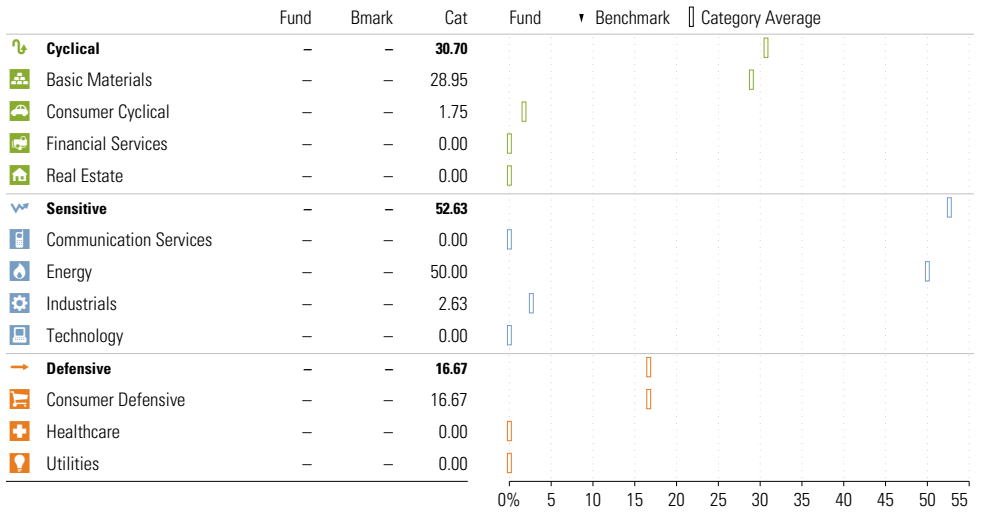


## Asset Allocation as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	0.00	2.20
Non-US Stocks	0.00	0.58
Bonds	35.60	27.73
Cash	41.07	64.46
Other	23.33	5.02
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2021



## Top 15 Holdings as of 12-31-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Invesco Cayman Commodity Fund Iii Hf	23.33	23.33	-	-
⊖ Invesco Shrt-Trm Inv Treasury Instl	13.59	36.92	-	-
⊖ Invesco Shrt-Trm Inv Gov&Agcy Instl	11.89	48.81	-	-
⊖ Invesco Shrt-Trm Inv Liq Assets Instl	8.42	57.24	-	-
United States Treasury Notes 0.24509%	7.26	64.50	-	-
United States Treasury Notes 0.30409%	7.22	71.72	-	-
United States Treasury Notes 0.34409%	7.22	78.94	-	-
⊕ United States Treasury Bills 0%	5.57	84.50	-	-
⊕ United States Treasury Bills 0%	5.56	90.06	-	-
Citigroup Global Markets Holdings Inc. 0.01%	2.84	92.91	-	-
Canadian Imperial Bank of Commerce 0.1%	2.26	95.16	-	-
Societe Generale S.A. 0.1%	1.49	96.65	-	-
Barclays Bank plc 0.01%	1.48	98.14	-	-
Barclays Bank plc 0.1%	1.28	99.41	-	-
Barclays Bank plc 0.01%	0.65	100.06	-	-

## Total Holdings 16

⊕ 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 25.79 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 0.88 is 16.98% lower than the Foreign Large Growth category average.

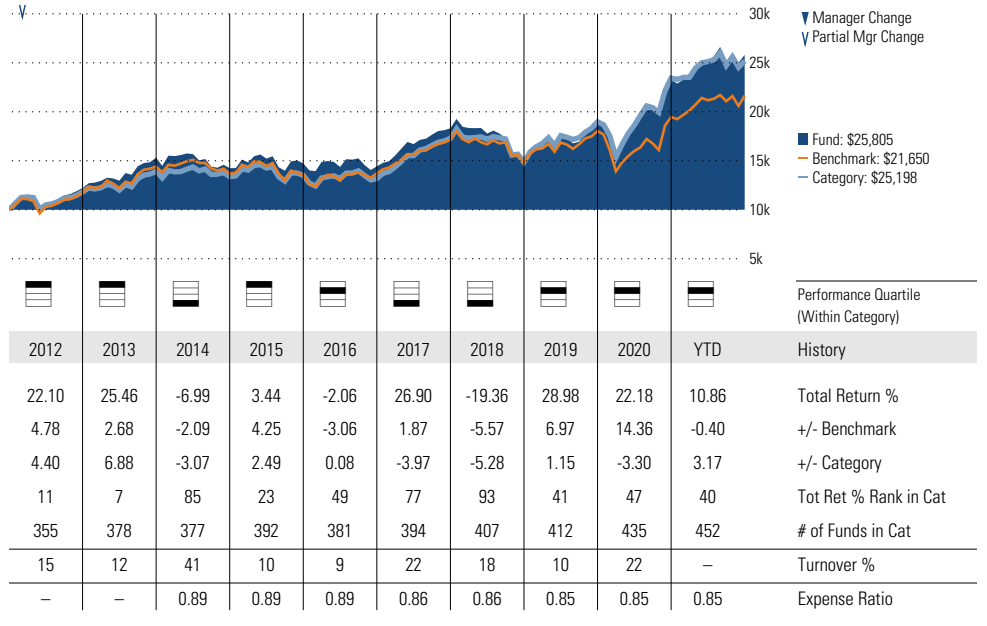
## Morningstar Investment Management LLC Analysis

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.

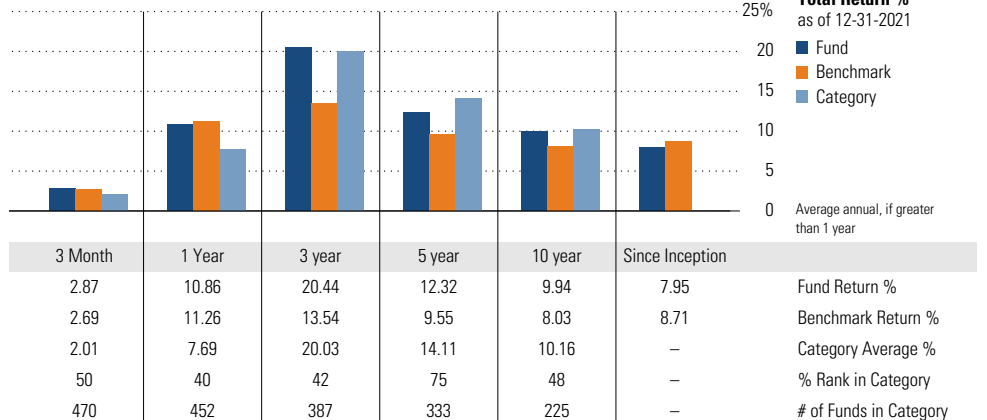
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

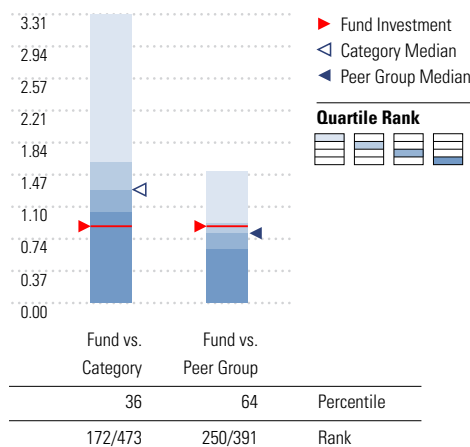
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	6.75	-	7.05
Beta	0.95	-	0.88
R-Squared	88.49	-	82.00
Standard Deviation	17.28	17.16	16.68
Sharpe Ratio	1.12	0.78	1.12
Tracking Error	5.93	-	7.43
Information Ratio	1.16	-	0.84
Up Capture Ratio	115.10	-	106.78
Down Capture Ratio	91.47	-	81.06

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	35.55	16.51	25.03
Price/Book Ratio	5.25	1.86	3.67
Geom Avg Mkt Cap \$B	39.57	49.49	60.75
ROE	24.00	17.65	20.73

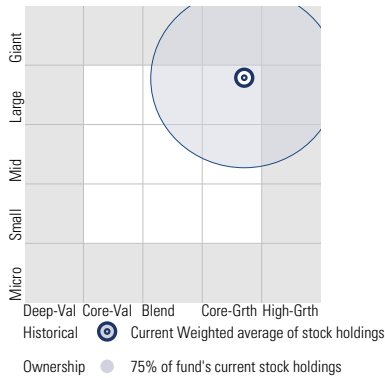
# Invesco Oppenheimer International Gr Y OIGYX

**Morningstar Category**  
Foreign Large Growth

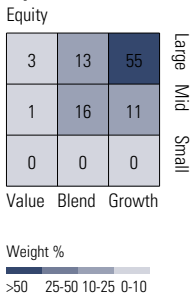
**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 12-31-2021

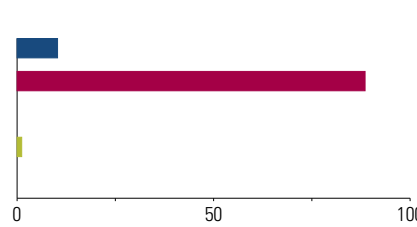
Morningstar Style Box™



## Style Breakdown

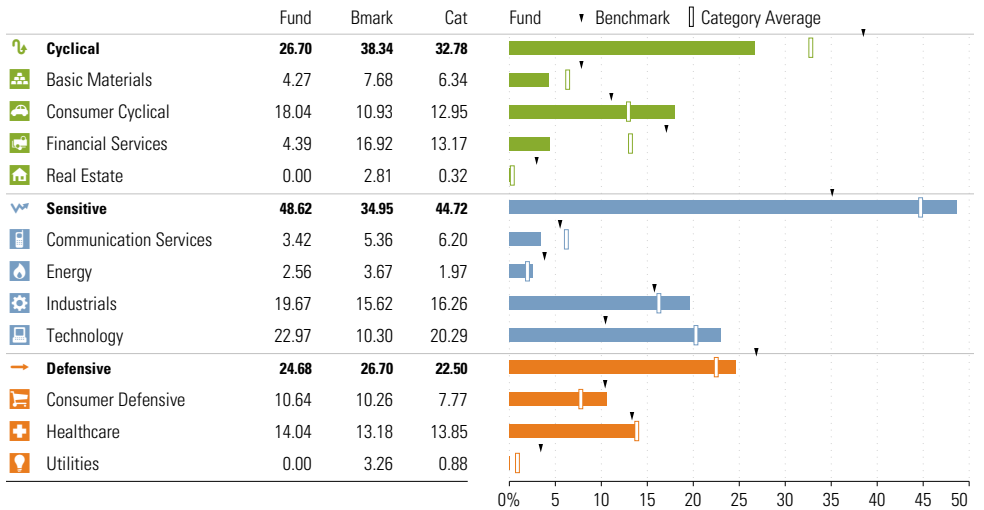


## Asset Allocation as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	10.29	7.95
Non-US Stocks	88.54	89.04
Bonds	0.00	0.02
Cash	1.17	2.50
Other	0.00	0.49
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2021



## World Regions % Equity 12-31-2021



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	18.89	29.03	Americas	15.04	14.89	Greater Europe	66.08	56.08	Developed Markets	95.98
Japan	9.43	11.96	North America	15.04	12.71	United Kingdom	17.58	9.52	Emerging Markets	4.02
Australasia	2.43	1.33	Central/Latin	0.00	2.18	W euro-ex UK	48.50	44.90	Not Available	0.00
Asia-4 Tigers	3.01	6.95				Emrgng Europe	0.00	0.67		
Asia-ex 4 Tigers	4.02	8.79				Africa	0.00	0.99		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 12-31-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Hermes International SA	3.45	3.45	75.14	Consumer Cyclical
⊖ ASML Holding NV	3.22	6.68	78.48	Technology
⊖ EPAM Systems Inc	2.69	9.36	86.54	Technology
⊖ Novo Nordisk A/S Class B	2.57	11.93	73.87	Healthcare
⊖ Reliance Industries Ltd	2.43	14.36	19.60	Energy
⊖ LVMH Moët Hennessy Louis Vuitton SE	2.39	16.75	43.67	Consumer Cyclical
⊖ Epiroc Ab	2.28	19.03	-	-
⊖ James Hardie Industries PLC DR	2.13	21.16	48.50	Basic Materials
⊖ Taiwan Semiconductor Manufacturing Co Ltd	2.13	23.29	18.02	Technology
⊖ ResMed Inc	2.00	25.29	23.31	Healthcare

**Total Holdings 95**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# MFS Growth R4 MFEJX

**Morningstar Category**  
Large Growth

**Morningstar Index**  
Russell 1000 Growth TR USD

## Portfolio Manager(s)

Eric Fischman since 04-2002  
Paul Gordon since 07-2017  
Bradford Mak since 06-2021

## 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 19.76 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 0.62 is 36.73% lower than the Large Growth category average.

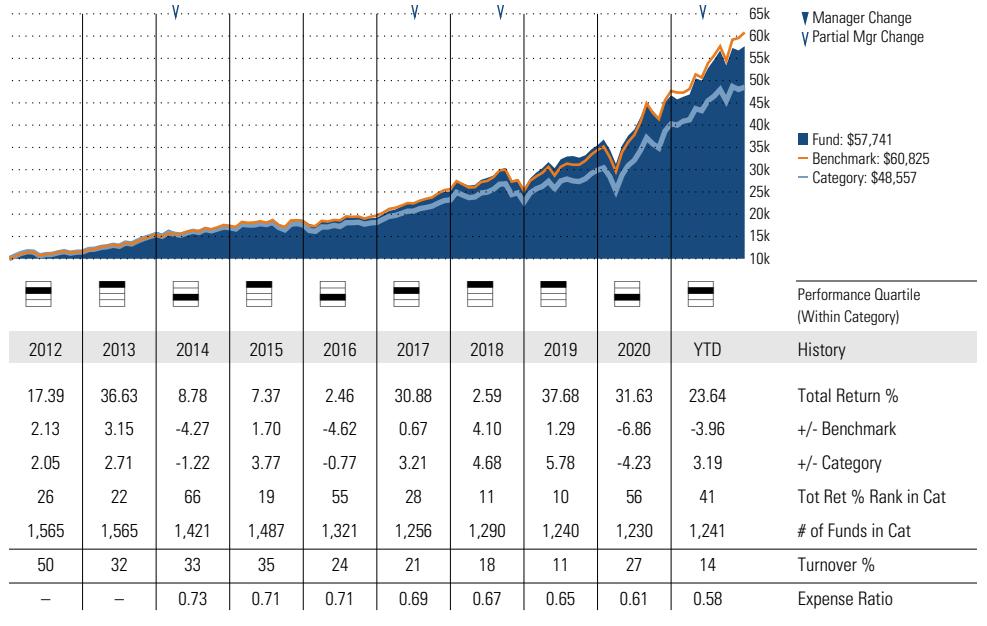
## Morningstar Investment Management LLC Analysis

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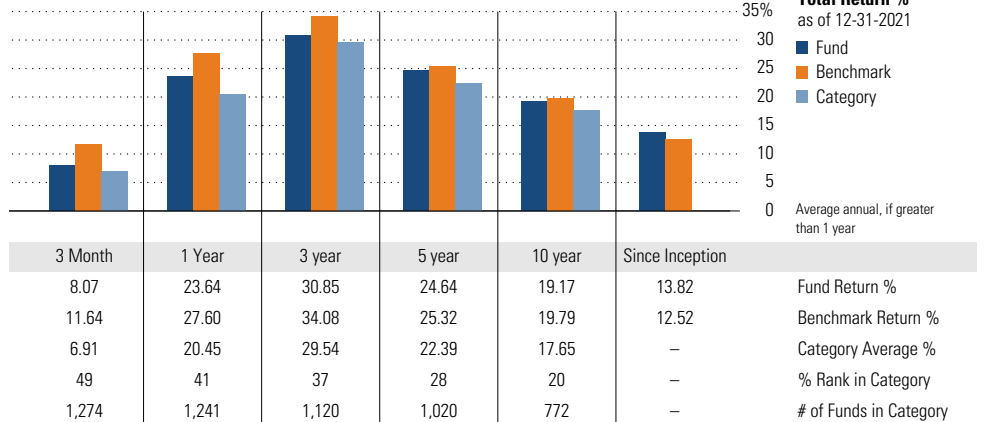
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	2-Basic	12-16-2021
Sustainability Rating	4	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

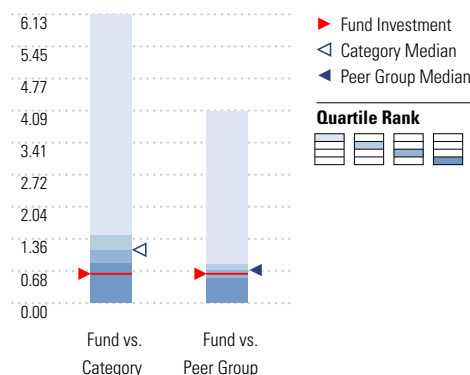
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.55	-	-2.24
Beta	0.89	-	0.97
R-Squared	96.82	-	91.07
Standard Deviation	16.74	18.42	18.79
Sharpe Ratio	1.65	1.65	1.46
Tracking Error	3.57	-	5.52
Information Ratio	-0.90	-	-0.92
Up Capture Ratio	89.89	-	90.02
Down Capture Ratio	86.91	-	93.02

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	40.65	34.55	33.66
Price/Book Ratio	9.92	12.90	9.38
Geom Avg Mkt Cap \$B	309.75	350.68	382.58
ROE	35.29	41.42	32.76

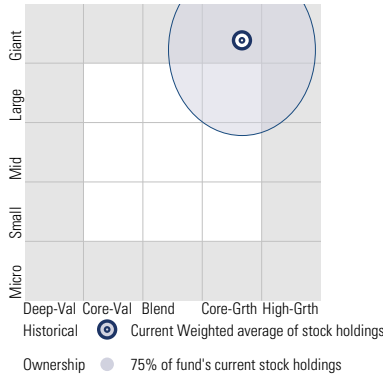
# MFS Growth R4 MFEJX

**Morningstar Category**  
Large Growth

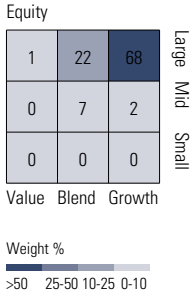
**Morningstar Index**  
Russell 1000 Growth TR USD

## Style Analysis as of 12-31-2021

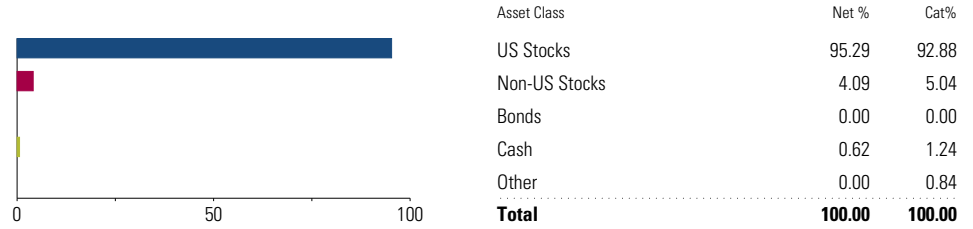
Morningstar Style Box™



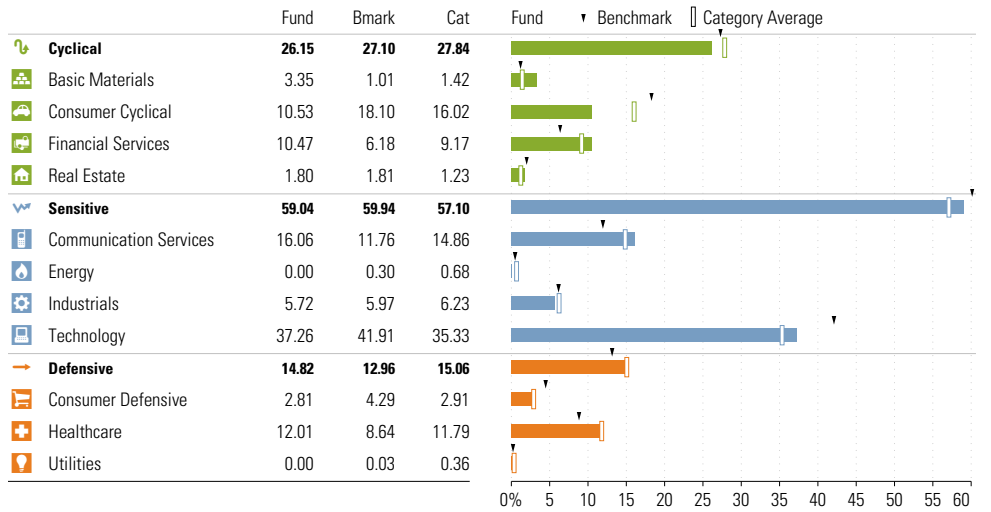
## Style Breakdown



## Asset Allocation as of 12-31-2021



## Sector Weighting as of 12-31-2021



## Top 15 Holdings as of 12-31-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	11.53	11.53	52.24	Technology
Amazon.com Inc	7.21	18.75	2.38	Consumer Cyclical
Alphabet Inc Class A	5.83	24.58	65.30	Communication Svc
Apple Inc	4.35	28.93	34.48	Technology
Adobe Inc	3.72	32.65	13.38	Technology
⊖ NVIDIA Corp	3.30	35.95	125.41	Technology
⊖ Meta Platforms Inc Class A	2.84	38.79	23.13	Communication Svc
Intuit Inc	2.80	41.59	69.98	Technology
⊖ Mastercard Inc Class A	2.75	44.34	1.16	Financial Services
Danaher Corp	2.37	46.71	48.49	Healthcare
⊖ Visa Inc Class A	2.18	48.89	-0.31	Financial Services
Thermo Fisher Scientific Inc	2.09	50.98	43.48	Healthcare
MSCI Inc	1.84	52.82	38.03	Financial Services
Alphabet Inc Class C	1.75	54.56	65.17	Communication Svc
Sherwin-Williams Co	1.74	56.31	44.65	Basic Materials

## Total Holdings 75

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# PIMCO Income I2 PONPX

**Morningstar Category**  
Multisector Bond

**Morningstar Index**  
BBgBarc 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 14.77 years.

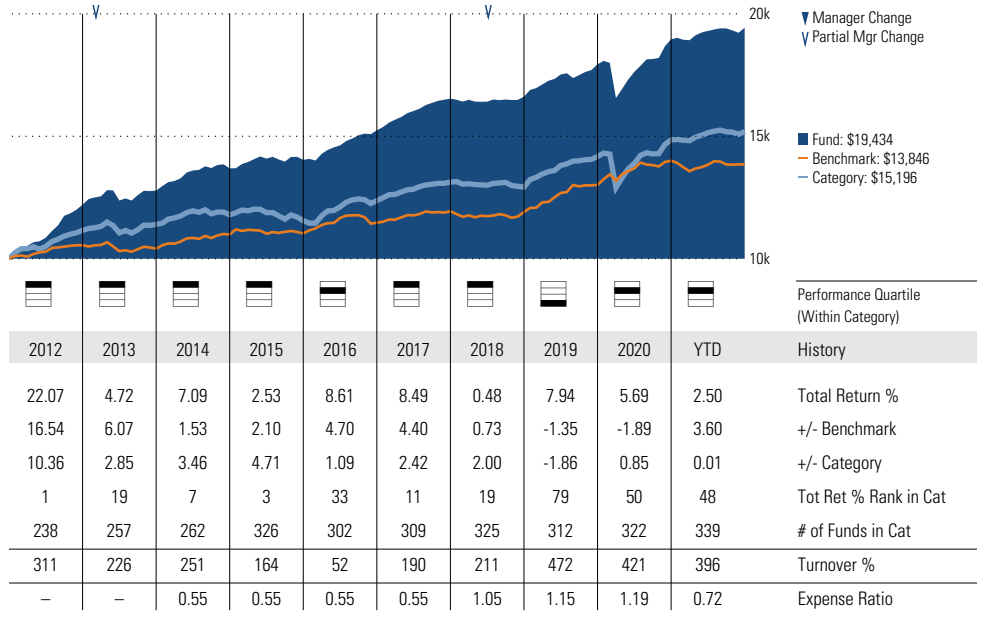
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.72 is 27.27% lower than the Multisector Bond category average.

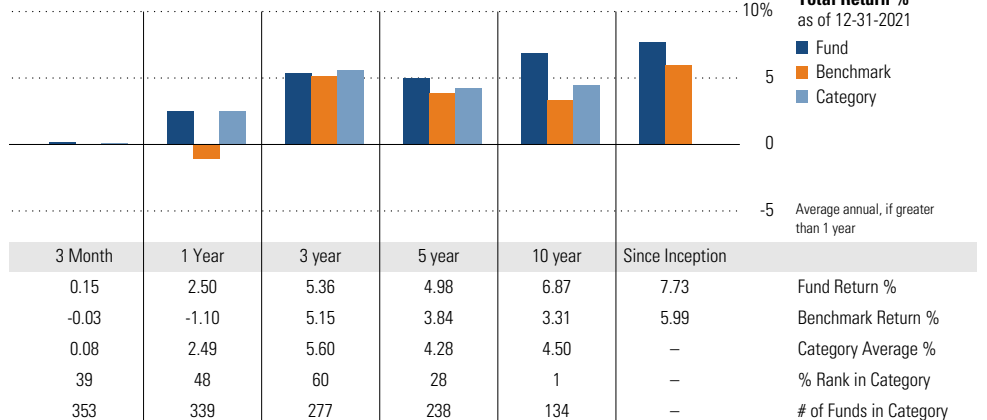
## Morningstar Investment Management LLC Analysis

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.

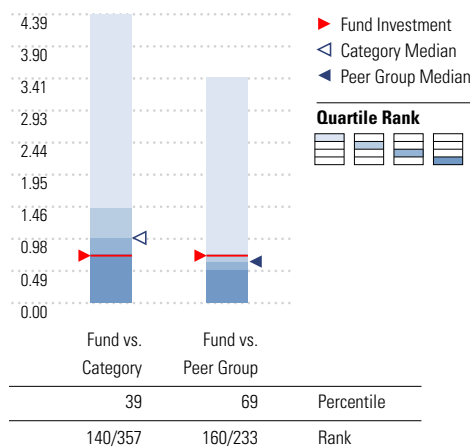
## Growth of \$10,000



## 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

Metric	Fund	Bmark	Cat
Alpha	1.23	-	-0.62
Beta	0.82	-	1.30
R-Squared	24.18	-	36.86
Standard Deviation	5.79	3.48	7.81
Sharpe Ratio	0.78	1.25	0.74
Tracking Error	5.08	-	6.45
Information Ratio	0.04	-	0.14
Up Capture Ratio	89.19	-	117.35
Down Capture Ratio	60.86	-	129.26

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	1.74	4.55	3.70
Avg Eff Maturity	2.61	7.69	5.65

# PIMCO Income I2 PONPX

**Morningstar Category**  
Multisector Bond

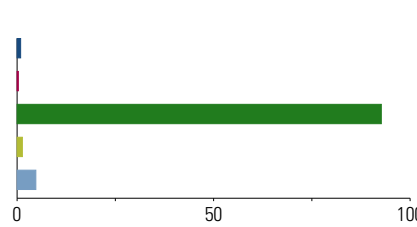
**Morningstar Index**  
BBgBarc US Universal TR USD

## Style Analysis as of 12-31-2021

### Style Breakdown



## Asset Allocation as of 12-31-2021

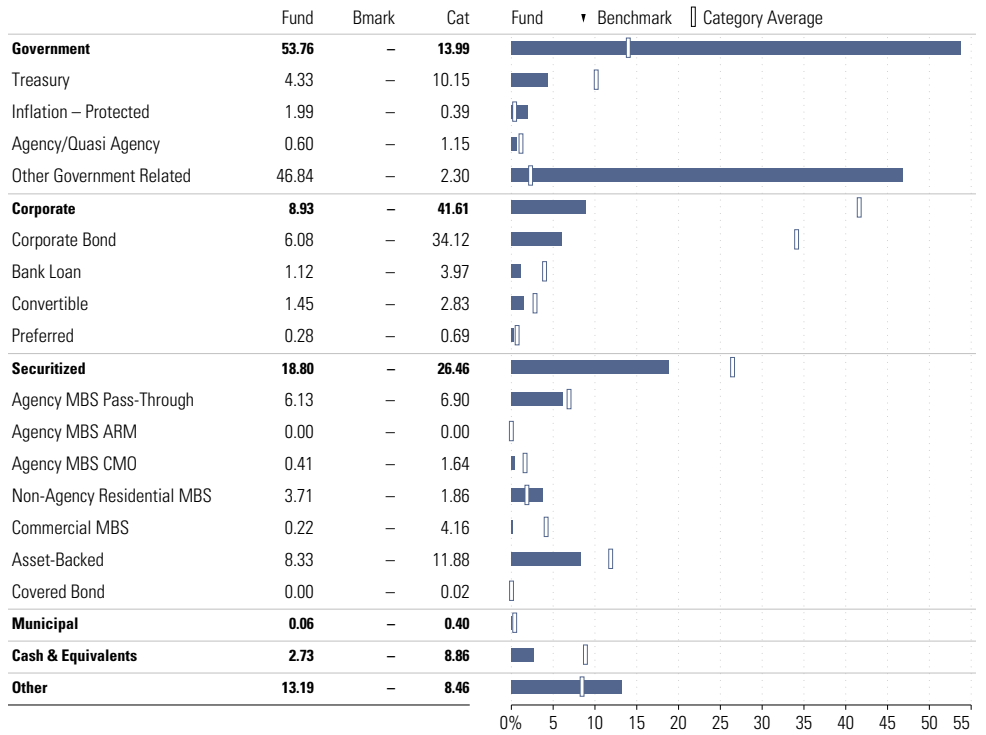


Asset Class	Net %	Cat%
US Stocks	0.90	1.82
Non-US Stocks	0.31	0.08
Bonds	92.67	94.74
Cash	1.34	-0.99
Other	4.77	4.37
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	56.00	67.64	21.31
AA	7.00	3.23	3.72
A	4.00	10.03	6.97
BBB	14.00	10.89	21.79
BB	6.00	3.19	19.68
B	7.00	3.64	14.96
Below B	6.00	1.38	5.48
Not Rated	0.00	0.00	6.08

## Sector Weighting as of 12-31-2021



## Top 10 Holdings as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊖ Irs Eur -0.33000 03/18/20-2Y Lch Receive	03-2022	13.29	13.29	-
⊖ Irs Eur -0.33000 03/18/20-2Y Lch Pay	03-2022	13.28	26.57	-
⊖ 10 Year Treasury Note Future Dec 21	12-2021	11.86	38.43	-
⊕ ZCS BRL 4.9 05/13/21-01/03/22 CME Pay	01-2022	8.45	46.88	-
⊕ ZCS BRL 4.9 05/13/21-01/03/22 CME Receive	01-2022	8.42	55.30	-
⊖ BRITISH POUND STERLING Sold	11-2021	7.99	63.29	-
⊖ BRITISH POUND STERLING Purchased	11-2021	7.99	71.28	-
⊕ IRS USD 0.50000 06/16/21-5Y CME Pay	06-2026	7.12	78.40	-
⊖ IRS USD 0.70000 12/14/21-3Y LCH Pay	12-2024	7.06	85.46	-
⊖ IRS USD 0.80000 12/14/21-3Y LCH Receive	12-2024	7.05	92.51	-

**Total Holdings 7951**

⊕ 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 5.68 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 95.06% lower than the Large Blend category average.

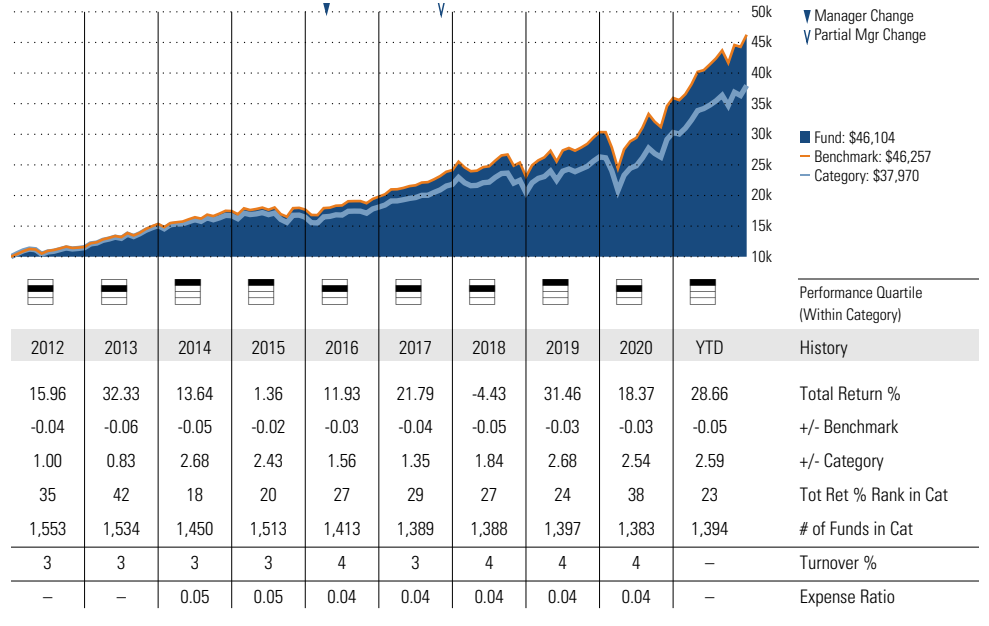
## Morningstar Investment Management LLC Analysis

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.

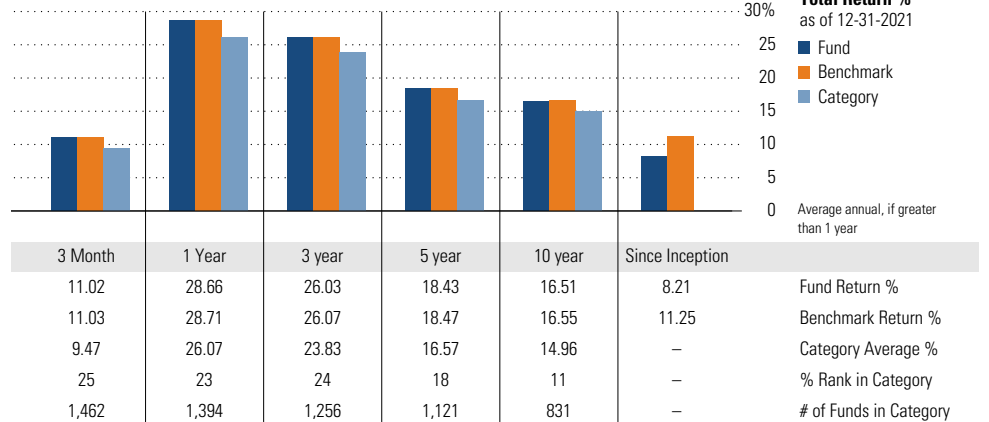
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

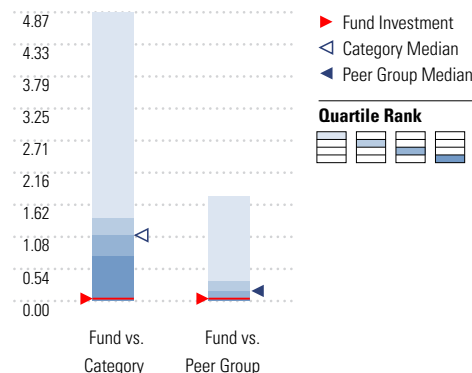
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.03	-	-1.70
Beta	1.00	-	0.97
R-Squared	100.00	-	95.10
Standard Deviation	17.42	17.41	17.41
Sharpe Ratio	1.38	1.38	1.25
Tracking Error	0.01	-	3.76
Information Ratio	-3.26	-	-1.29
Up Capture Ratio	99.96	-	93.94
Down Capture Ratio	100.07	-	100.53

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	25.16	25.15	25.73
Price/Book Ratio	4.60	4.59	5.74
Geom Avg Mkt Cap \$B	230.90	230.65	305.14
ROE	32.76	32.75	38.00

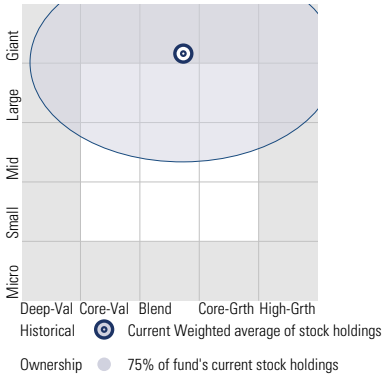
# Vanguard 500 Index Admiral VFIAX

**Morningstar Category**  
Large Blend

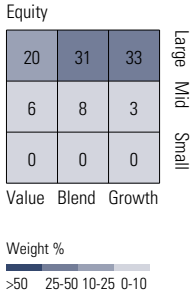
**Morningstar Index**  
S&P 500 TR USD

## Style Analysis as of 12-31-2021

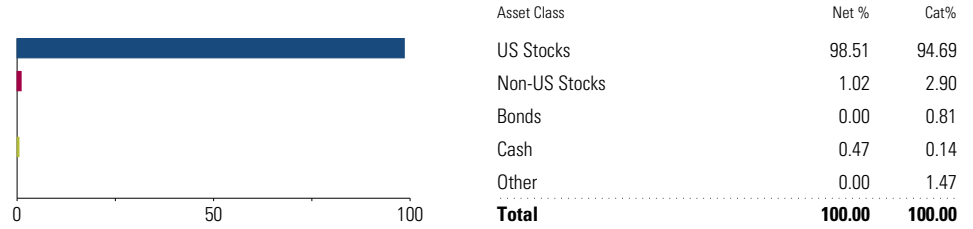
Morningstar Style Box™



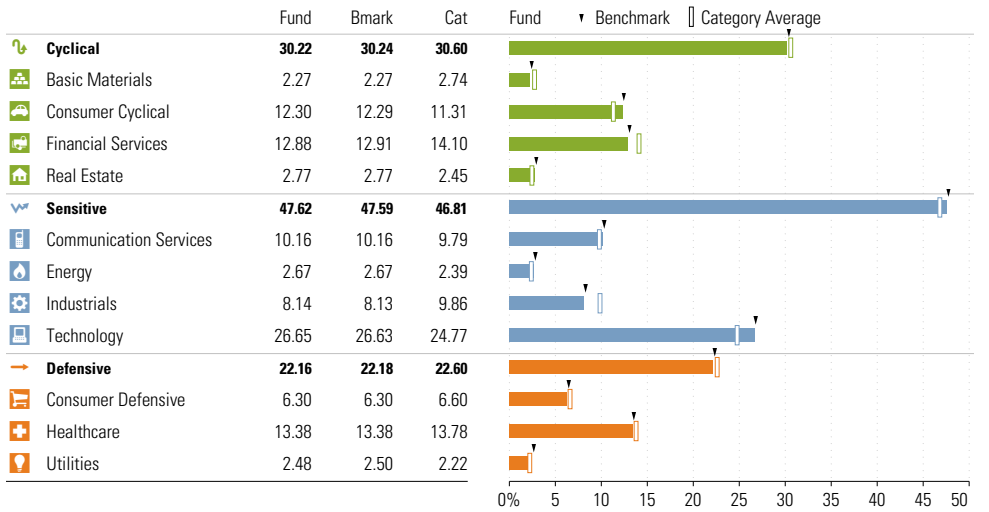
## Style Breakdown



## Asset Allocation as of 12-31-2021



## Sector Weighting as of 12-31-2021



## Top 15 Holdings as of 12-31-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Apple Inc	6.83	6.83	34.48	Technology
Microsoft Corp	6.23	13.06	52.24	Technology
Amazon.com Inc	3.59	16.65	2.38	Consumer Cyclical
Alphabet Inc Class A	2.15	18.80	65.30	Communication Svc
Tesla Inc	2.12	20.92	49.76	Consumer Cyclical
Alphabet Inc Class C	2.00	22.92	65.17	Communication Svc
Meta Platforms Inc Class A	1.96	24.88	23.13	Communication Svc
NVIDIA Corp	1.81	26.70	125.41	Technology
Berkshire Hathaway Inc Class B	1.35	28.05	28.95	Financial Services
UnitedHealth Group Inc	1.17	29.22	44.79	Healthcare
JPMorgan Chase & Co	1.15	30.37	27.53	Financial Services
Johnson & Johnson	1.11	31.48	11.36	Healthcare
The Home Depot Inc	1.08	32.57	58.73	Consumer Cyclical
Procter & Gamble Co	0.98	33.54	20.01	Consumer Defensive
Visa Inc Class A	0.89	34.43	-0.31	Financial Services

**Total Holdings 510**

⊕ 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

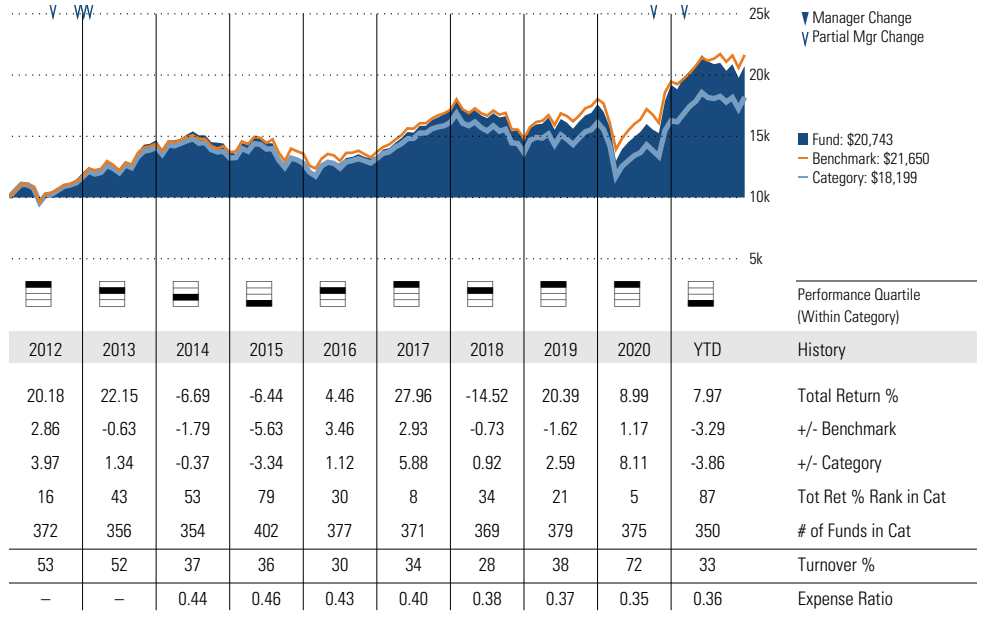
✔ **Performance:** The fund has finished in the Foreign Large Value category's top three quartiles in 8 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 11.6 years.

✔ **Style:** The fund has landed in its primary style box — Large Value — 90.91 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.35 is 65% lower than the Foreign Large Value category average.

## Growth of \$10,000



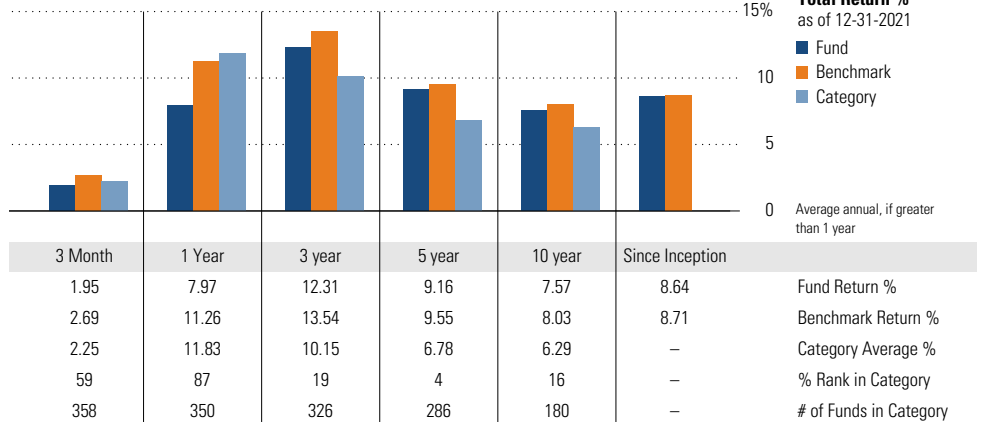
## Morningstar Investment Management LLC Analysis

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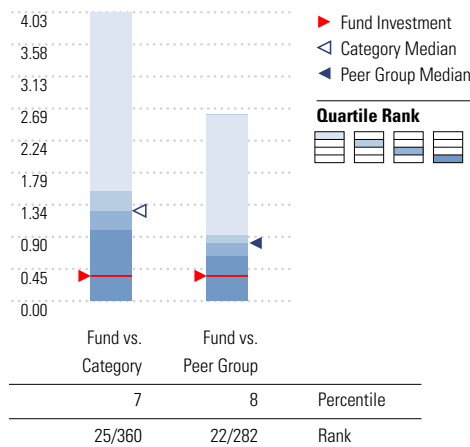
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	11-30-2021
Carbon Risk Score	Medium Risk	09-30-2021

## 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	-2.28	-	-3.87
Beta	1.11	-	1.12
R-Squared	95.65	-	93.09
Standard Deviation	19.55	17.16	19.86
Sharpe Ratio	0.65	0.78	0.57
Tracking Error	4.53	-	5.87
Information Ratio	-0.27	-	-0.57
Up Capture Ratio	105.53	-	102.36
Down Capture Ratio	115.40	-	119.52

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	15.19	16.51	11.67
Price/Book Ratio	1.61	1.86	1.32
Geom Avg Mkt Cap \$B	32.77	49.49	38.66
ROE	13.24	17.65	13.86

# Vanguard International Value Inv VTRIX

**Morningstar Category**  
Foreign Large Value

**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 12-31-2021

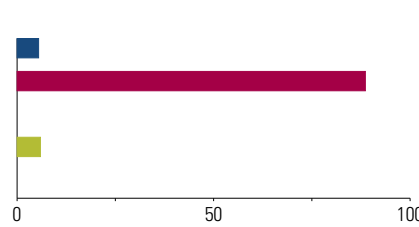
Morningstar Style Box™



## Style Breakdown

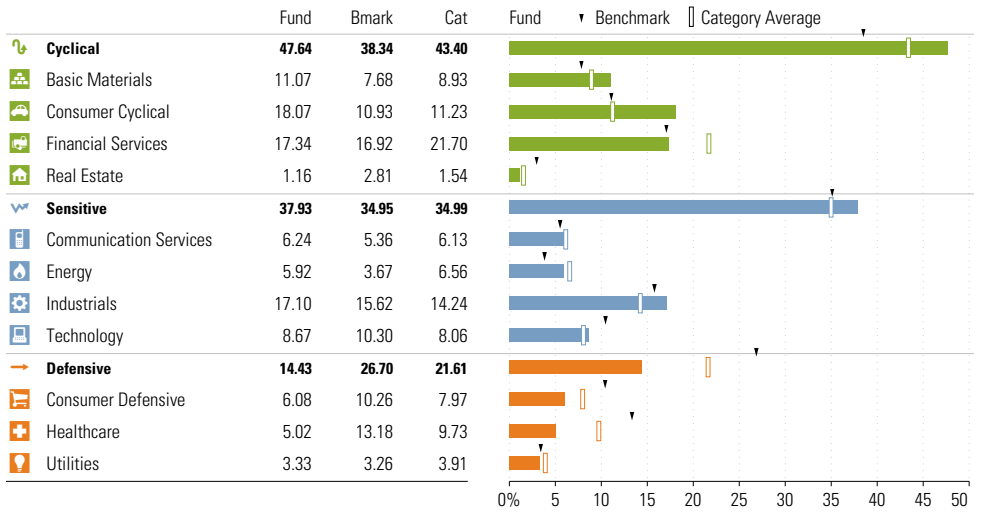


## Asset Allocation as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	5.47	2.59
Non-US Stocks	88.61	94.95
Bonds	0.00	0.26
Cash	5.93	1.98
Other	0.00	0.22
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2021



## World Regions % Equity 12-31-2021



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	35.90	30.16	Americas	11.26	8.50	Greater Europe	52.83	61.33	Developed Markets	82.09
Japan	10.34	17.30	North America	7.77	7.25	United Kingdom	17.85	18.17	Emerging Markets	17.91
Australasia	1.21	2.67	Central/Latin	3.49	1.25	W euro-ex UK	33.69	42.17	Not Available	0.00
Asia-4 Tigers	11.15	7.26				Emrgng Europe	0.24	0.47		
Asia-ex 4 Tigers	13.20	2.93				Africa	1.05	0.52		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 12-31-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Mktliq 12/31/2049	5.48	5.48	-	-
⊕ Alibaba Group Holding Ltd Ordinary Shares	1.37	6.85	-49.83	Consumer Cyclical
⊕ Compass Group PLC	1.32	8.17	21.13	Consumer Cyclical
⊕ Novartis AG	1.23	9.40	-1.70	Healthcare
⊕ SK Hynix Inc	1.18	10.58	-	Technology
⊕ RELX PLC	1.15	11.73	36.66	Communication Svc
⊖ Compagnie Financiere Richemont SA	1.14	12.87	72.64	Consumer Cyclical
⊕ Holcim Ltd	1.10	13.97	-0.23	Basic Materials
⊕ HSBC Holdings PLC	1.08	15.06	22.62	Financial Services
⊖ Samsung Electronics Co Ltd	1.08	16.14	-	Technology

**Total Holdings 239**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard Mid-Cap Growth Index Admiral VMGMX

**Morningstar Category**  
Mid-Cap Growth

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

## Portfolio Manager(s)

Donald Butler since 02-2013

Awais Khan since 07-2021

## 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 8.86 years.

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

**Net Expense:** The fund's expense ratio of 0.07 is 93.46% lower than the Mid-Cap Growth category average.

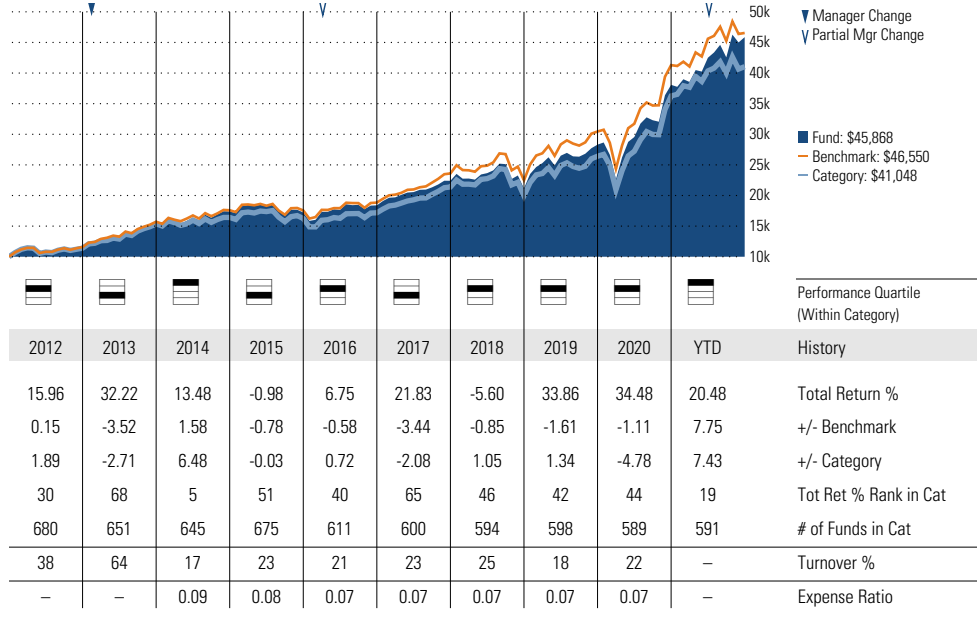
## Morningstar Investment Management LLC Analysis

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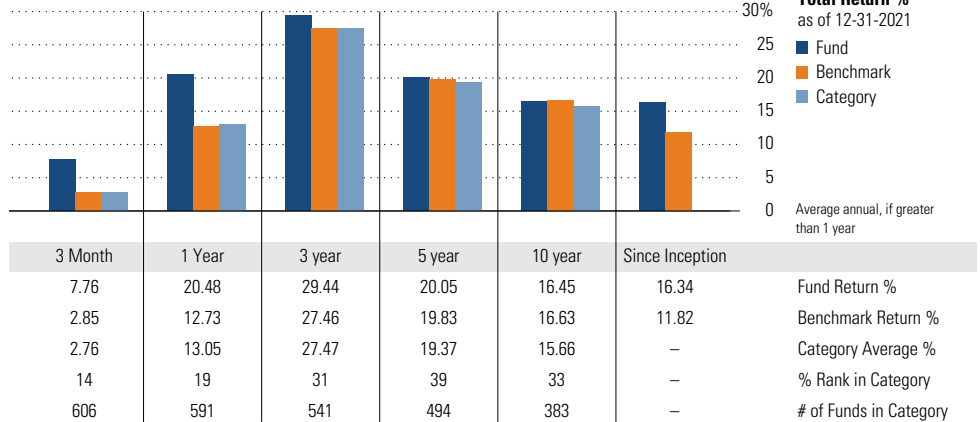
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	4	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

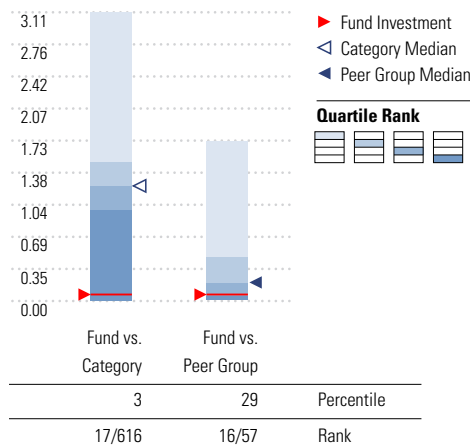
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	2.44	-	1.01
Beta	0.96	-	0.98
R-Squared	97.99	-	89.98
Standard Deviation	19.93	20.47	21.31
Sharpe Ratio	1.36	1.25	1.24
Tracking Error	2.92	-	6.75
Information Ratio	0.68	-	-0.04
Up Capture Ratio	100.49	-	100.42
Down Capture Ratio	91.48	-	99.53

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	37.45	32.37	34.20
Price/Book Ratio	6.50	9.52	6.68
Geom Avg Mkt Cap \$B	30.85	24.63	20.45
ROE	13.23	19.10	17.03

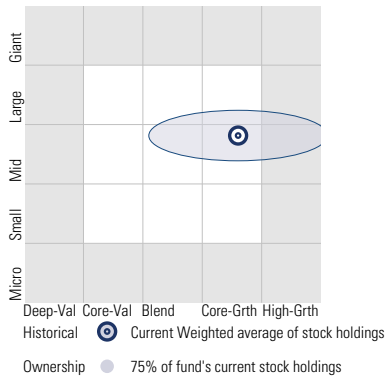
# Vanguard Mid-Cap Growth Index Admiral VMGMX

**Morningstar Category**  
Mid-Cap Growth

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

## Style Analysis as of 12-31-2021

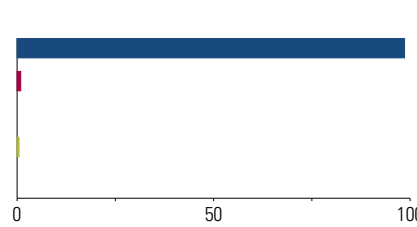
Morningstar Style Box™



## Style Breakdown

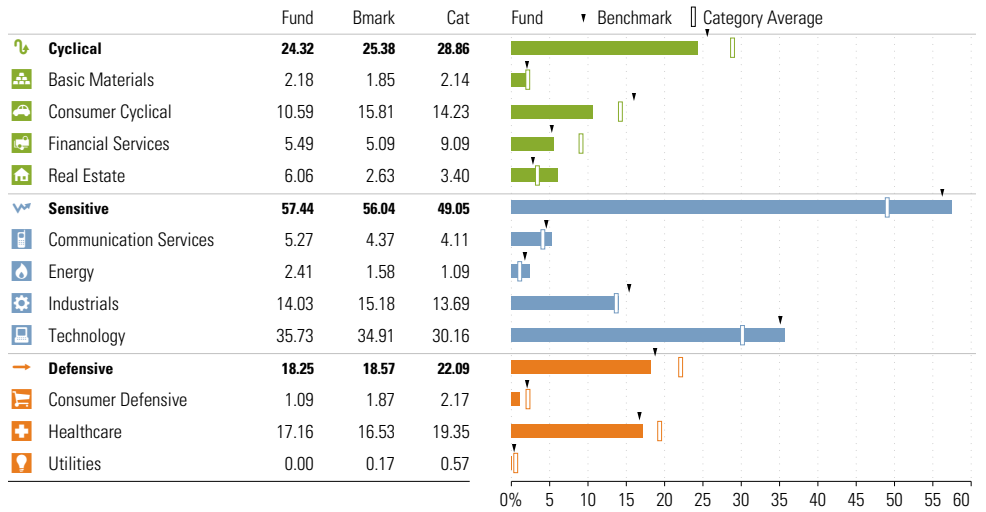


## Asset Allocation as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	98.59	93.15
Non-US Stocks	0.92	3.77
Bonds	0.00	0.02
Cash	0.49	2.70
Other	0.00	0.35
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2021



## Top 15 Holdings as of 12-31-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Synopsys Inc	1.45	1.45	42.15	Technology
⊕ IQVIA Holdings Inc	1.39	2.85	57.47	Healthcare
⊕ Xilinx Inc	1.36	4.21	49.82	Technology
⊕ Amphenol Corp Class A	1.35	5.56	34.95	Technology
⊕ Palo Alto Networks Inc	1.35	6.91	56.66	Technology
⊕ DexCom Inc	1.35	8.25	45.23	Healthcare
⊕ Cadence Design Systems Inc	1.34	9.59	36.59	Technology
⊕ Digital Realty Trust Inc	1.30	10.89	30.11	Real Estate
⊕ Fortinet Inc	1.29	12.18	141.97	Technology
⊕ Microchip Technology Inc	1.25	13.43	27.31	Technology
⊕ Centene Corp	1.24	14.67	37.26	Healthcare
⊕ MSCI Inc	1.24	15.91	38.03	Financial Services
⊕ IHS Markit Ltd	1.23	17.15	48.86	Industrials
⊕ Aptiv PLC	1.15	18.30	26.60	Consumer Cyclical
⊕ Datadog Inc Class A	1.13	19.43	80.93	Technology

**Total Holdings 185**

⊕ Increase ⊖ Decrease ✨ New to Portfolio