

# AB High Income Z AGDZX

Morningstar Category  
High Yield Bond

Morningstar Index  
ICE BofA US High Yield TR USD

## Portfolio Manager(s)

Matthew Sheridan since 10-2005  
Gershon Distenfeld since 02-2008  
Fahd Malik since 01-2021  
Christian DiClementi since 10-2021  
William Smith since 01-2022

## Quantitative Screens

**Performance:** The fund has finished in the High Yield Bond category's top three quartiles in 5 of the 8 years it's been in existence.

**Management:** The fund's management has been in place for 16.18 years.

Style Consistency is not calculated for Fixed Income funds.

**Net Expense:** The fund's expense ratio of 0.54 is 41.94% lower than the High Yield Bond category average.

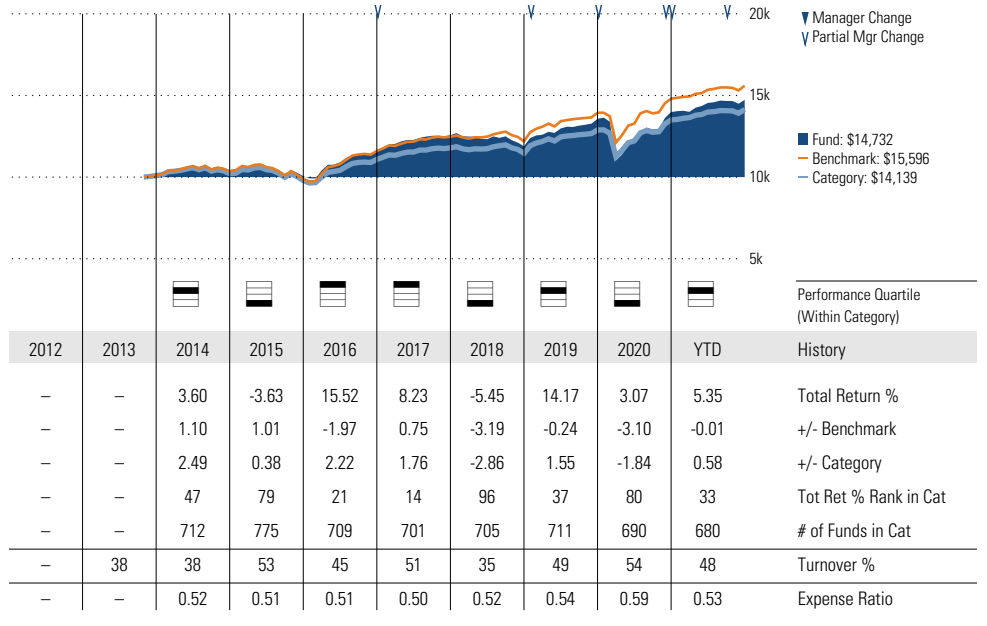
## Morningstar Investment Management LLC Analysis

This wide-ranging high yield fund, which at times invests in emerging markets and foreign currencies, has endured very poor performance in recent years. As of March 31, 2020, the fund's trailing one-, three-, and five-year returns all fall in the category's bottom decile. Moreover, the fund's longtime portfolio manager and AB CIO Doug Peebles will be retiring in January of 2021. This comes on the heels of Paul DeNoon's (another longtime portfolio manager) late 2019 retirement. While the team seems to retain ample experience and stability, these personnel changes add to the concerns about this fund's risk-taking and performance. We are placing the fund on watch until further notice.

## ESG Metrics

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

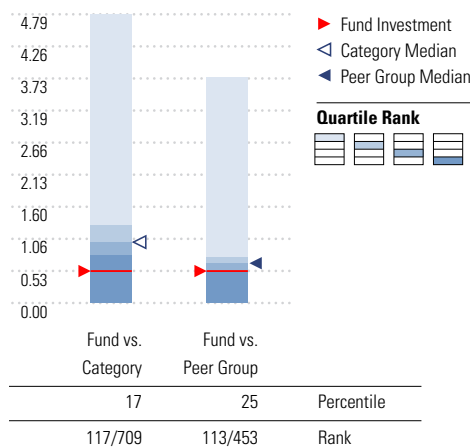
## Growth of \$10,000



## 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	-3.25	-	-0.59
Beta	1.29	-	0.97
R-Squared	94.33	-	95.71
Standard Deviation	12.36	9.27	9.19
Sharpe Ratio	0.58	0.85	0.78
Tracking Error	4.01	-	2.20
Information Ratio	-0.29	-	-0.42
Up Capture Ratio	107.40	-	93.21
Down Capture Ratio	135.01	-	98.40

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	4.09	-	3.34
Avg Eff Maturity	5.66	-	4.35

# AB High Income Z AGDZX

**Morningstar Category**  
High Yield Bond

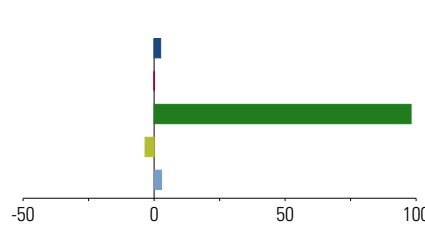
**Morningstar Index**  
ICE BofA US High Yield TR USD

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

**Style Breakdown**



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

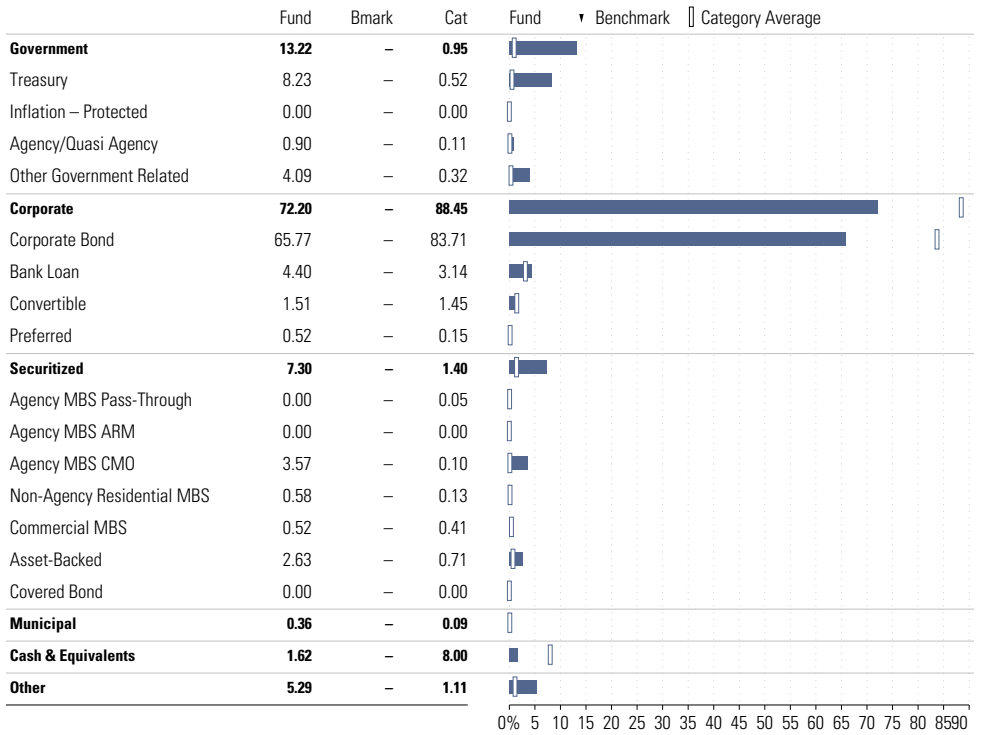


Asset Class	Net %	Cat%
US Stocks	2.50	1.04
Non-US Stocks	0.01	0.00
Bonds	98.08	90.09
Cash	-3.45	6.77
Other	2.86	2.10
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Credit Rating Breakdown**

	Fund	Bmark	Cat
AAA	4.84	-	1.69
AA	0.16	-	0.19
A	0.75	-	0.29
BBB	10.02	-	3.95
BB	34.42	-	35.70
B	29.01	-	37.32
Below B	12.04	-	18.19
Not Rated	8.76	-	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
✳ Cash Offset	-	4.33	4.33	-
⊖ EUR FWD VS USD 0% 10/02/2022 Sold	02-2022	3.19	7.52	-
⊖ EUR FWD VS USD 0% 10/02/2022 Purchased	02-2022	3.19	10.72	-
⊕ 5 Year Treasury Note Future Mar 22	03-2022	2.37	13.08	-
United States Treasury Notes 2.375%	05-2029	2.14	15.22	-
⊕ U.S. \$ CASH BALANCE 0%	-	1.43	16.65	-
⊕ Ultra US Treasury Bond Future Mar 22	03-2022	1.30	17.95	-
United States Treasury Bonds 6.125%	11-2027	1.08	19.03	-
⊕ CMBX.NA.BB.6 CDSS 431239 5% 11/05/2063	05-2063	1.07	20.09	-
⊖ COP FWD VS USD 0% 21/01/2022 Sold	01-2022	0.81	20.91	-

**Total Holdings 1186**

⊕ 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.

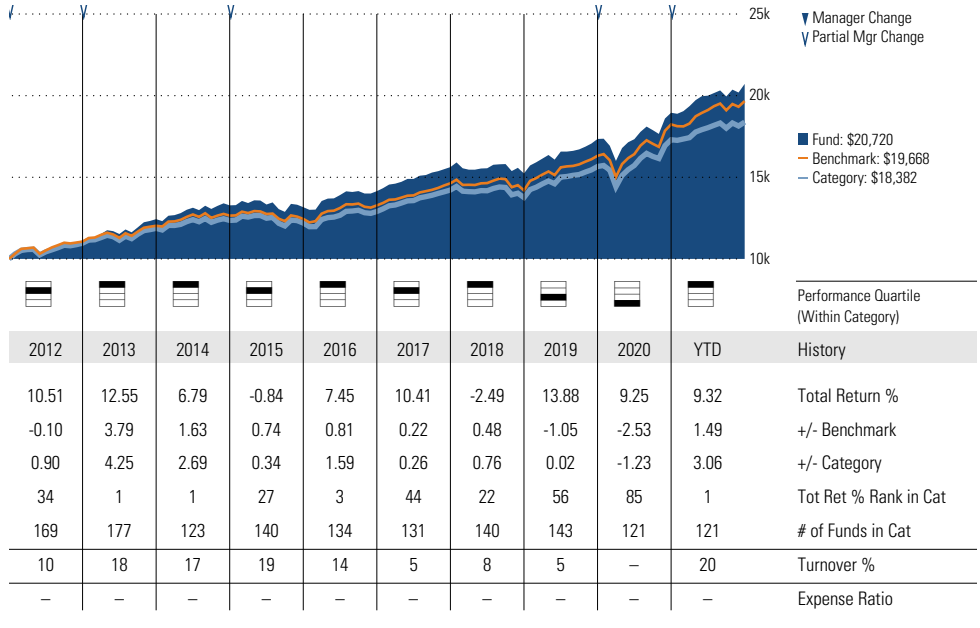
## Morningstar Investment Management LLC Analysis

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.

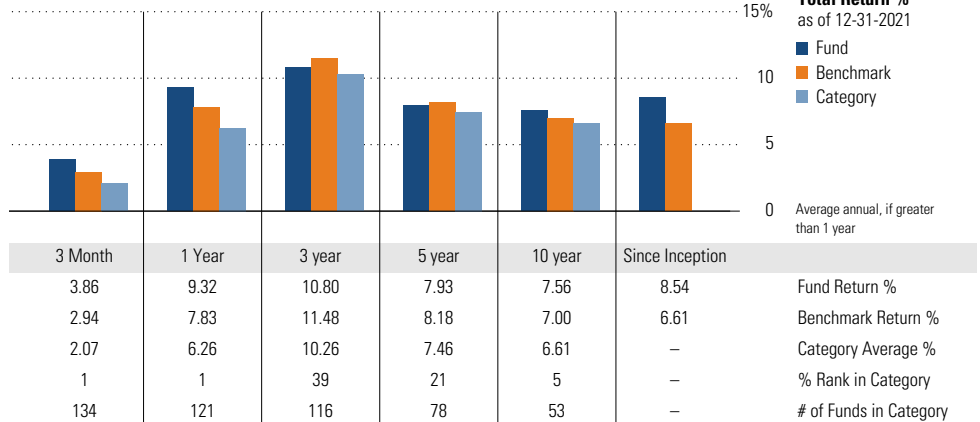
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	11-30-2021

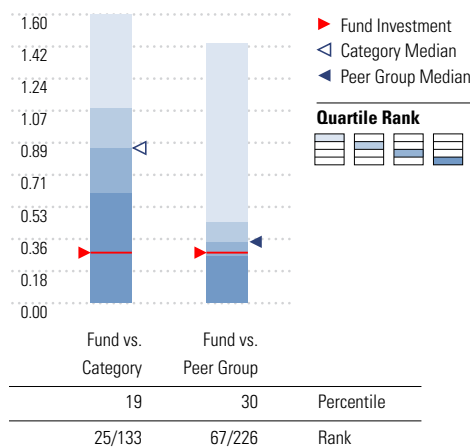
## Growth of \$10,000



## 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

	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

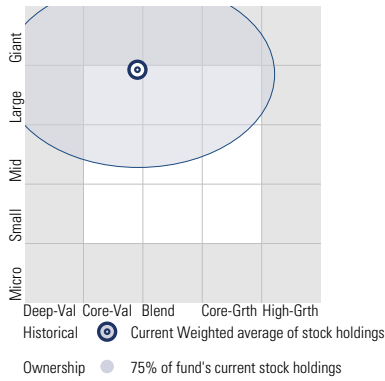
	Fund	Bmark	Cat
Price/Earnings Ratio	18.38	19.81	19.80
Price/Book Ratio	3.03	2.81	2.86
Avg Eff Duration	4.20	6.70	6.75

# American Funds 2010 Trgt Date Retire R6 RFTTX

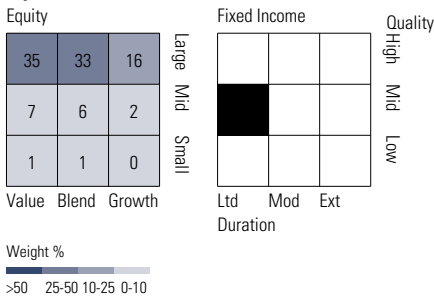
**Morningstar Category**  
Target-Date 2000-2010

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

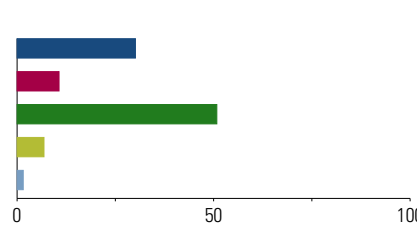
**Style Analysis** as of 12-31-2021  
Morningstar Style Box™



**Style Breakdown**

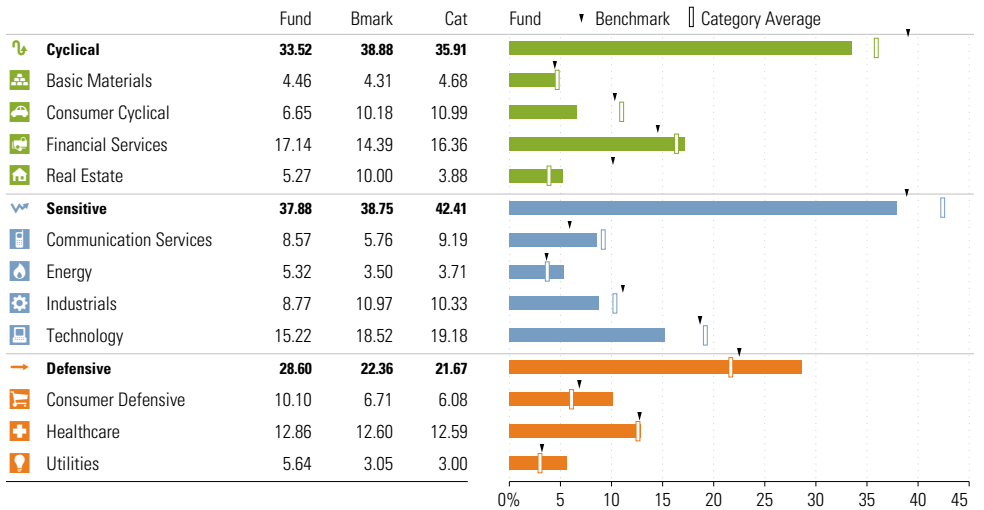


**Asset Allocation** as of 12-31-2021



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 Interm 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.

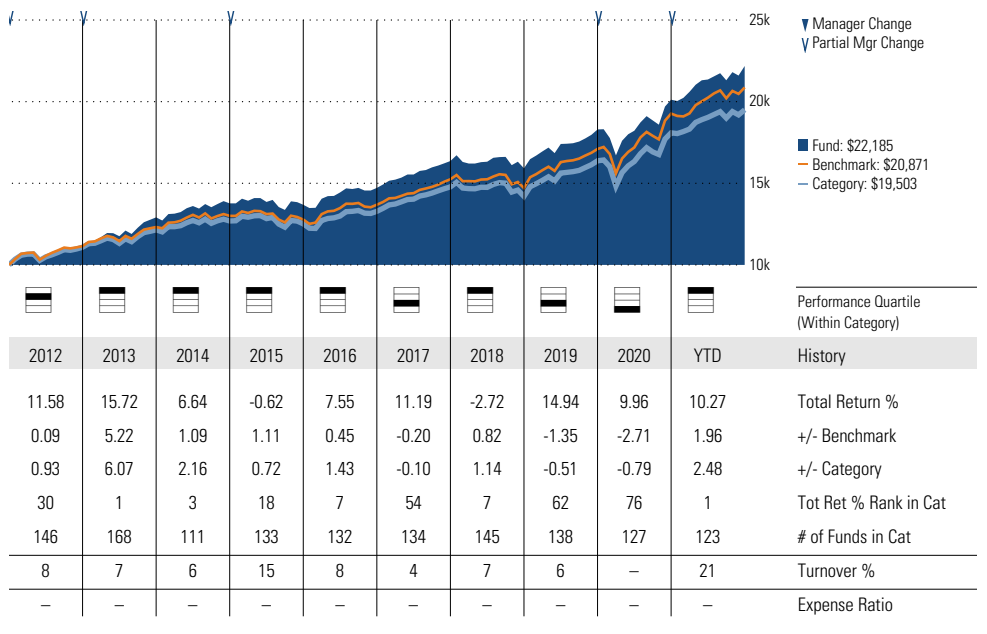
## Morningstar Investment Management LLC Analysis

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

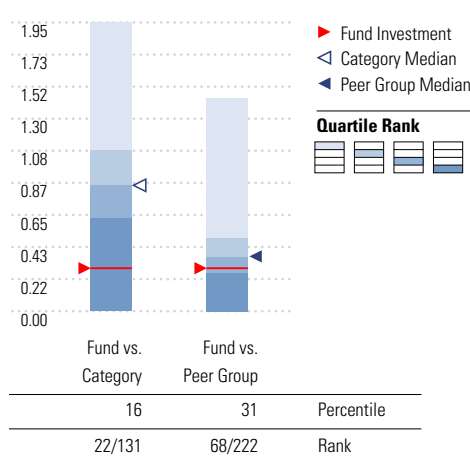
## Growth of \$10,000



## 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

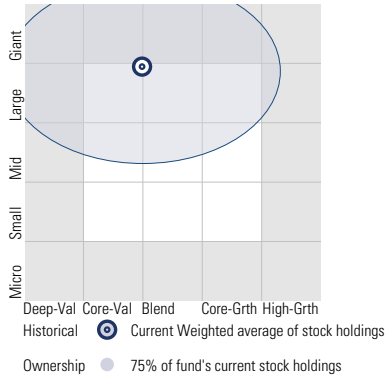
# American Funds 2015 Trgt Date Retire R6 RFJTX

**Morningstar Category**  
Target-Date 2015

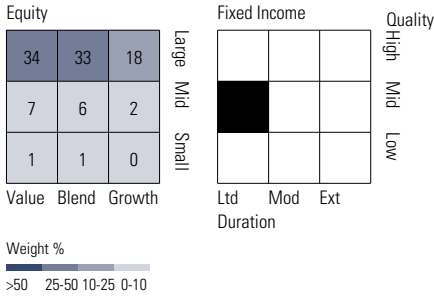
**Morningstar Index**  
Morningstar Lifetime Mod 2015 TR USD

## Style Analysis as of 12-31-2021

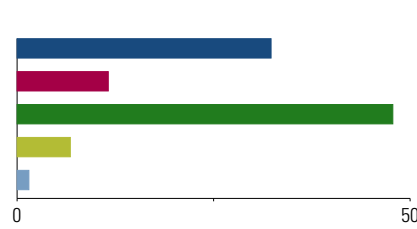
Morningstar Style Box™



## Style Breakdown

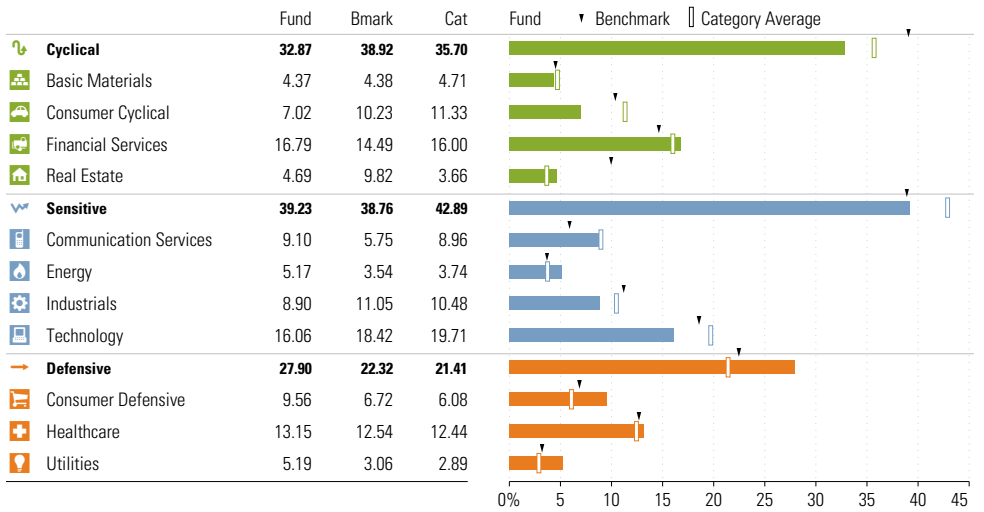


## Asset Allocation as of 12-31-2021



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.

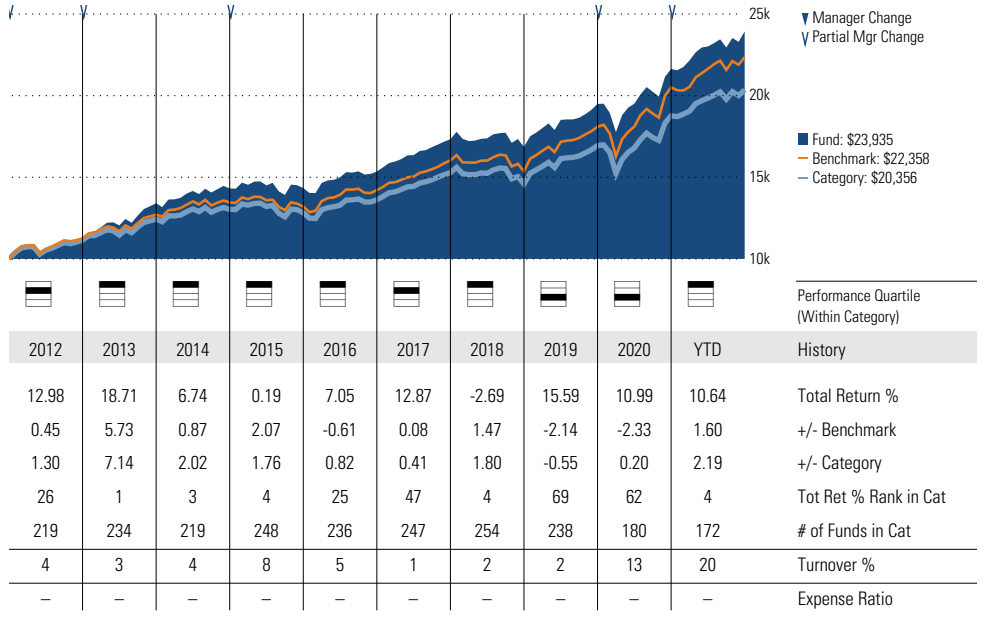
## Morningstar Investment Management LLC Analysis

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.

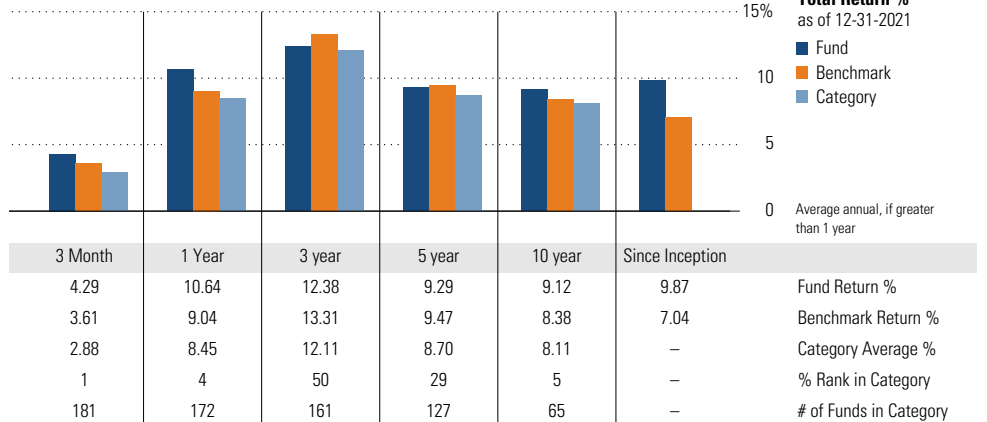
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	11-30-2021

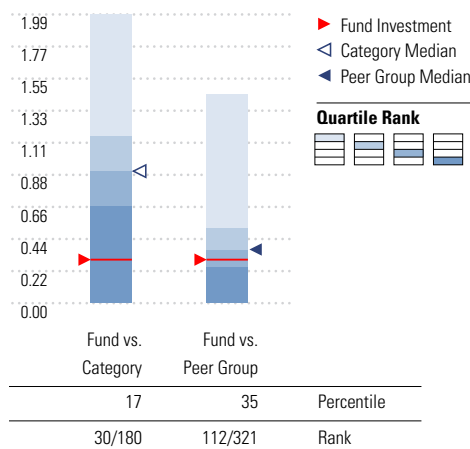
## Growth of \$10,000



## 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

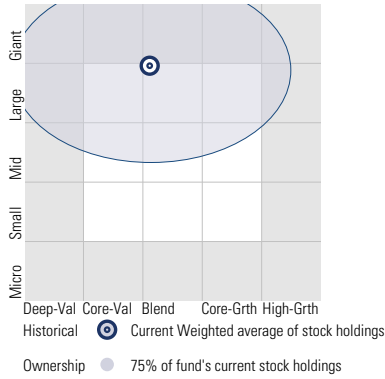
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.28	19.42	20.30
Price/Book Ratio	3.19	2.74	2.89
Avg Eff Duration	4.75	8.67	4.93

# American Funds 2020 Trgt Date Retire R6 RRCTX

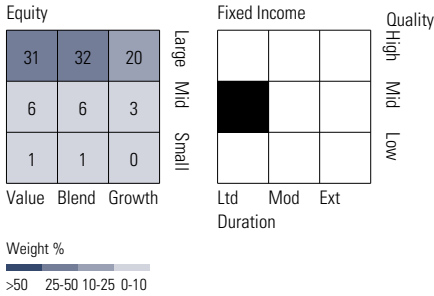
**Morningstar Category**  
Target-Date 2020

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

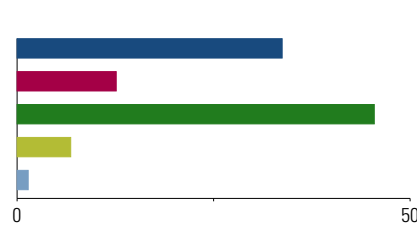
**Style Analysis** as of 12-31-2021  
Morningstar Style Box™



**Style Breakdown**

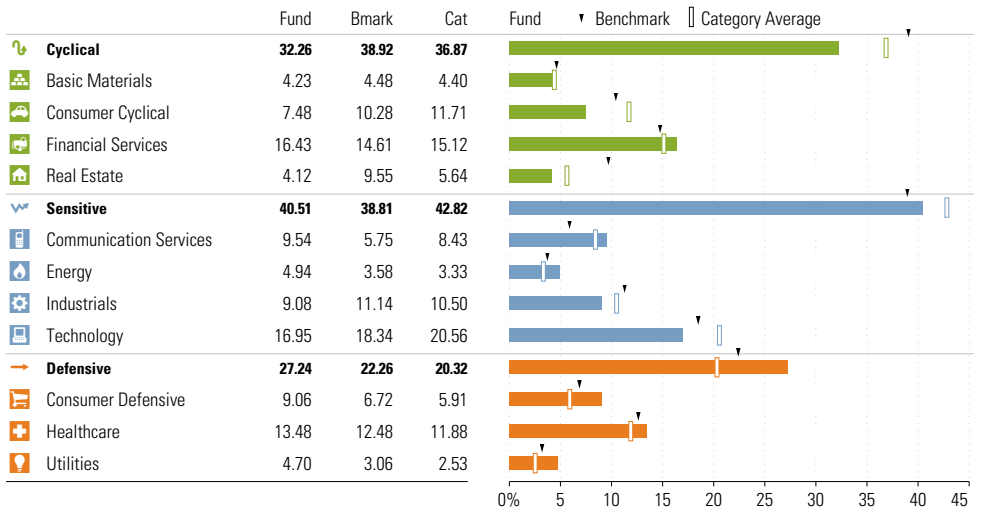


**Asset Allocation** as of 12-31-2021



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.

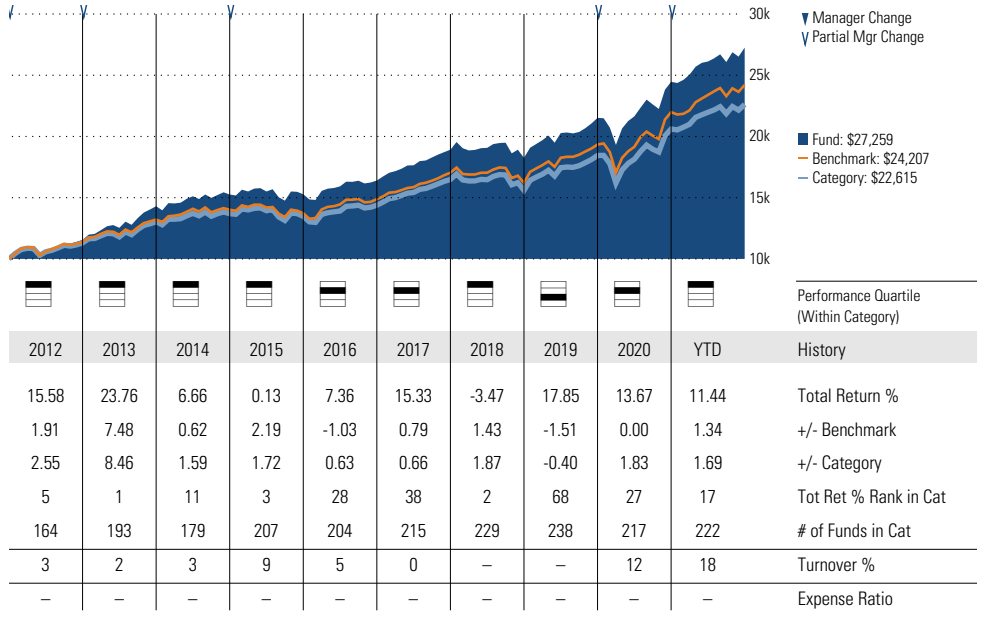
## Morningstar Investment Management LLC Analysis

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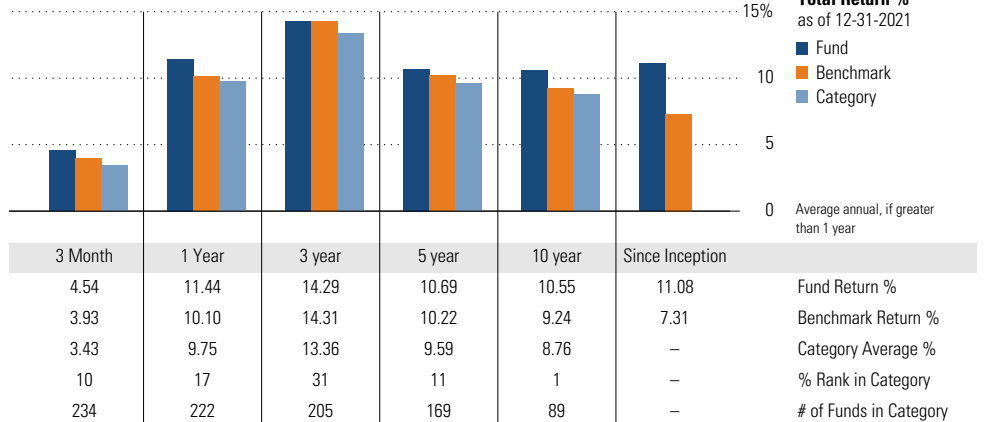
## ESG Metrics

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

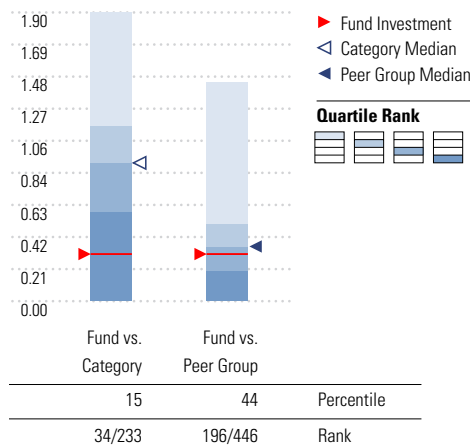
## Growth of \$10,000



## 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

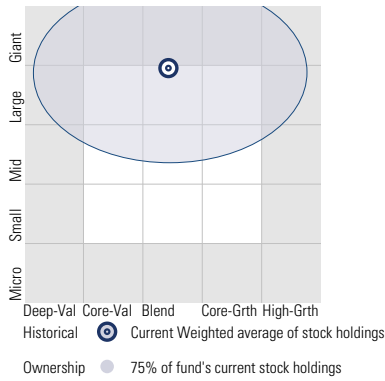
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	20.40	19.21	20.36
Price/Book Ratio	3.42	2.70	2.91
Avg Eff Duration	4.78	9.42	6.67

# American Funds 2025 Trgt Date Retire R6 RFDTX

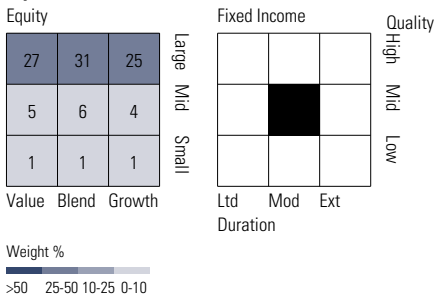
**Morningstar Category**  
Target-Date 2025

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

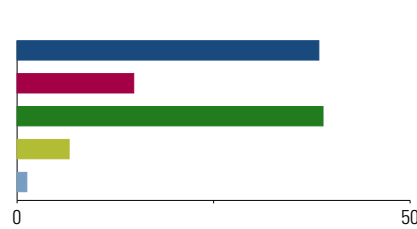
**Style Analysis** as of 12-31-2021  
Morningstar Style Box™



**Style Breakdown**

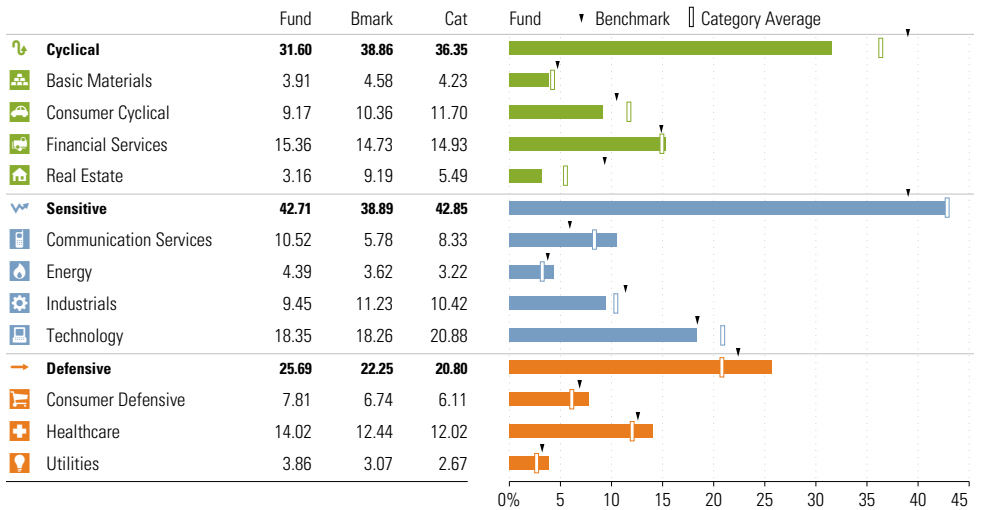


**Asset Allocation** as of 12-31-2021



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.

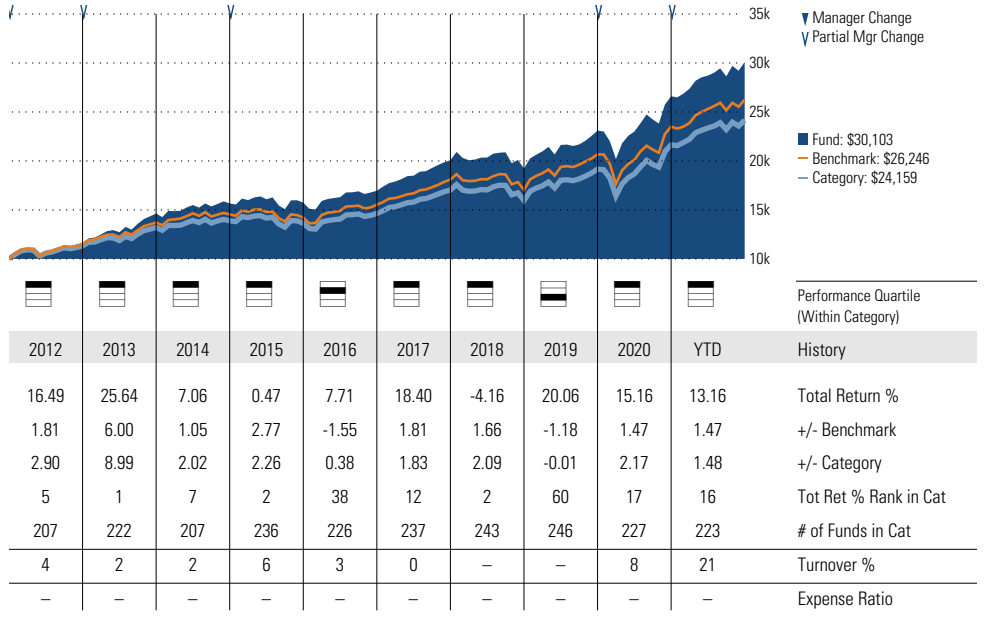
## Morningstar Investment Management LLC Analysis

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.

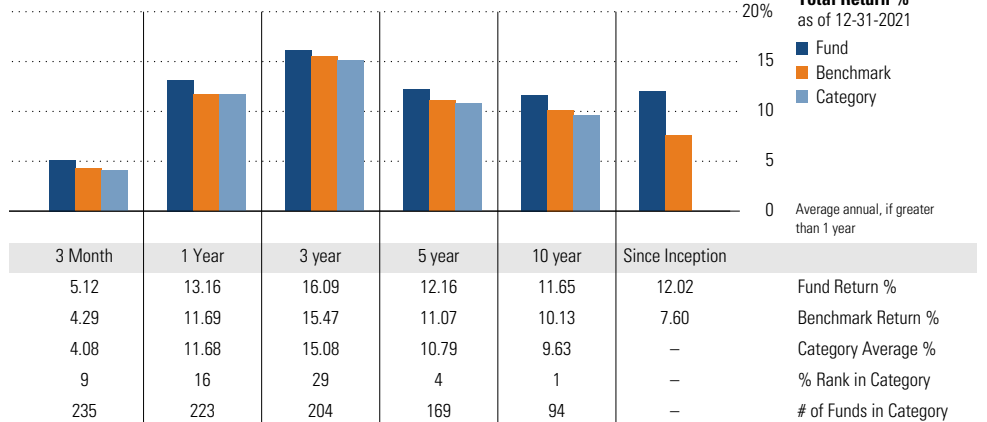
## ESG Metrics

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

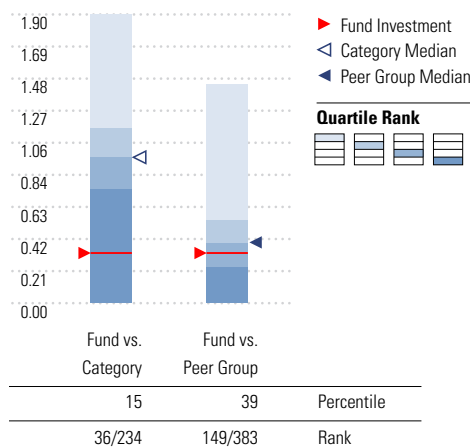
## Growth of \$10,000



## 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

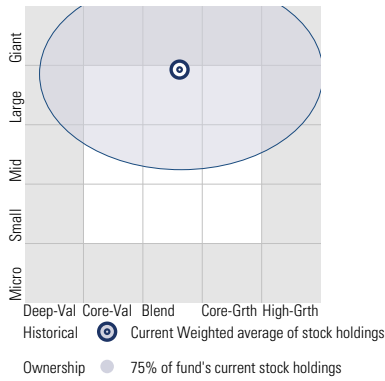
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	21.13	19.00	20.41
Price/Book Ratio	3.58	2.66	2.97
Avg Eff Duration	4.84	10.06	6.72

# American Funds 2030 Trgt Date Retire R6 RFETX

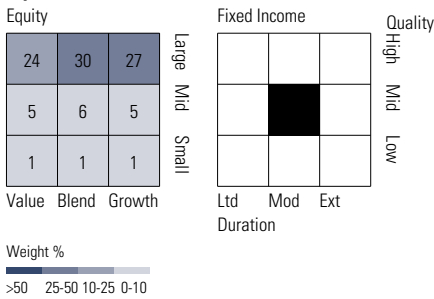
**Morningstar Category**  
Target-Date 2030

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

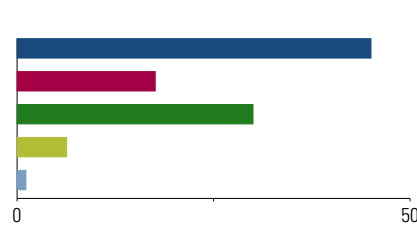
**Style Analysis** as of 12-31-2021  
Morningstar Style Box™



**Style Breakdown**

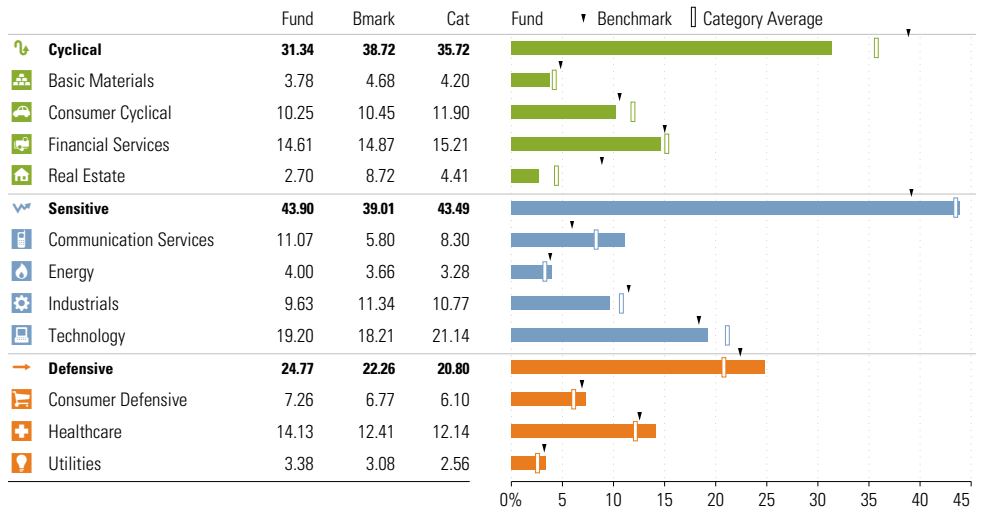


**Asset Allocation** as of 12-31-2021



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.

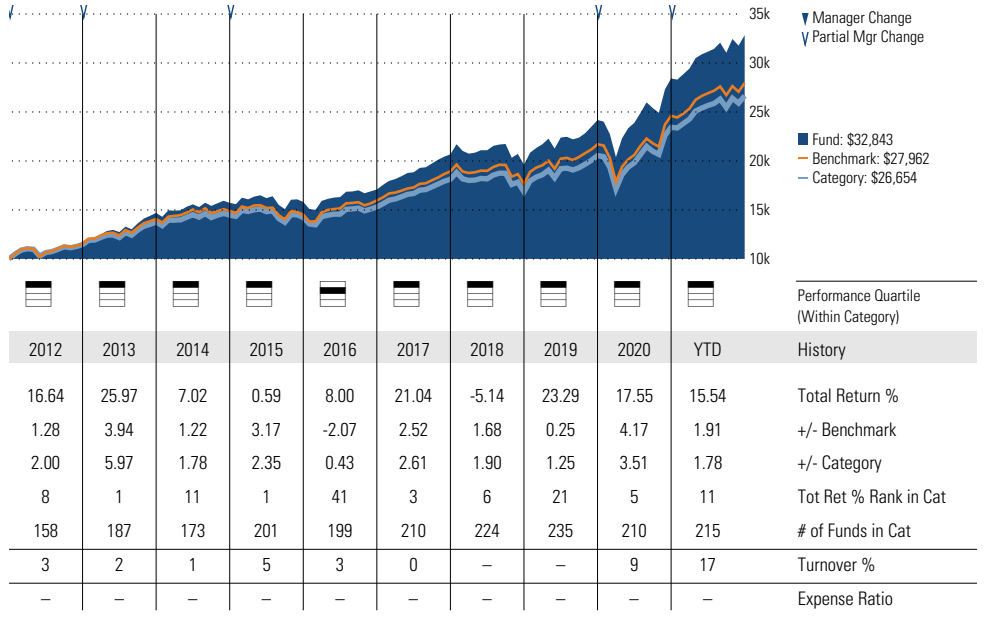
## Morningstar Investment Management LLC Analysis

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.

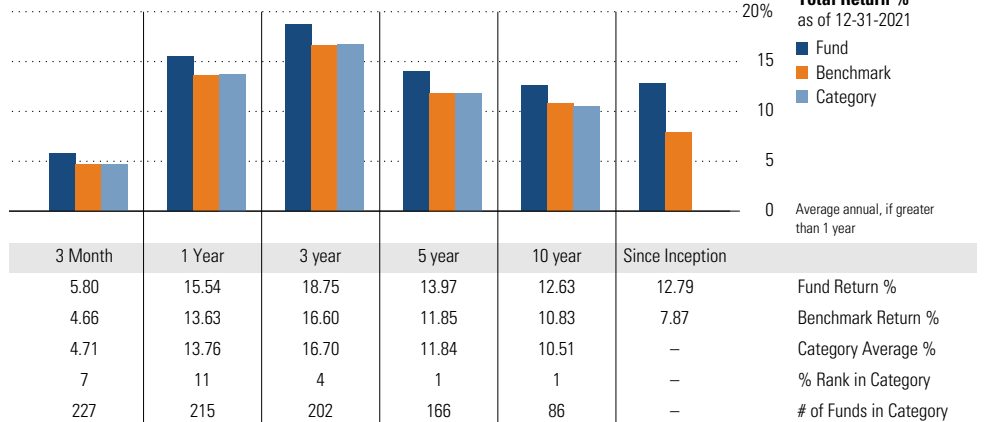
## ESG Metrics

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

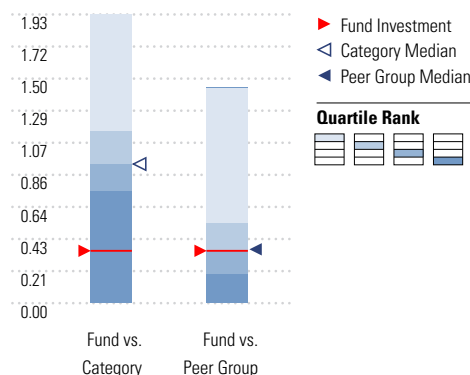
## Growth of \$10,000



## 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

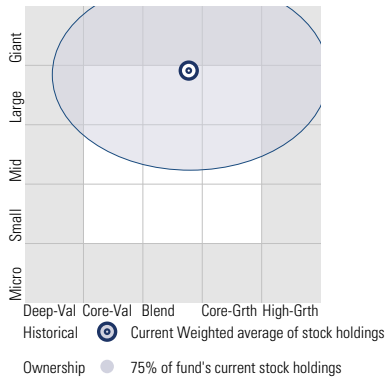
	Fund	Bmark	Cat
Price/Earnings Ratio	21.68	18.79	20.13
Price/Book Ratio	3.71	2.63	2.89
Avg Eff Duration	5.04	10.62	6.71

# American Funds 2035 Trgt Date Retire R6 RFFTX

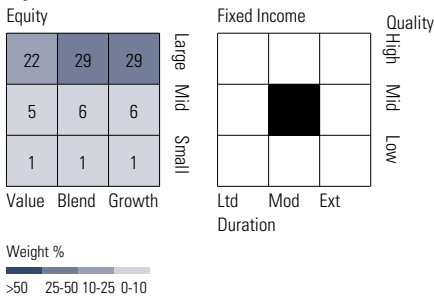
**Morningstar Category**  
Target-Date 2035

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

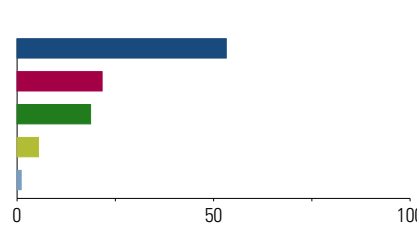
**Style Analysis** as of 12-31-2021  
Morningstar Style Box™



**Style Breakdown**

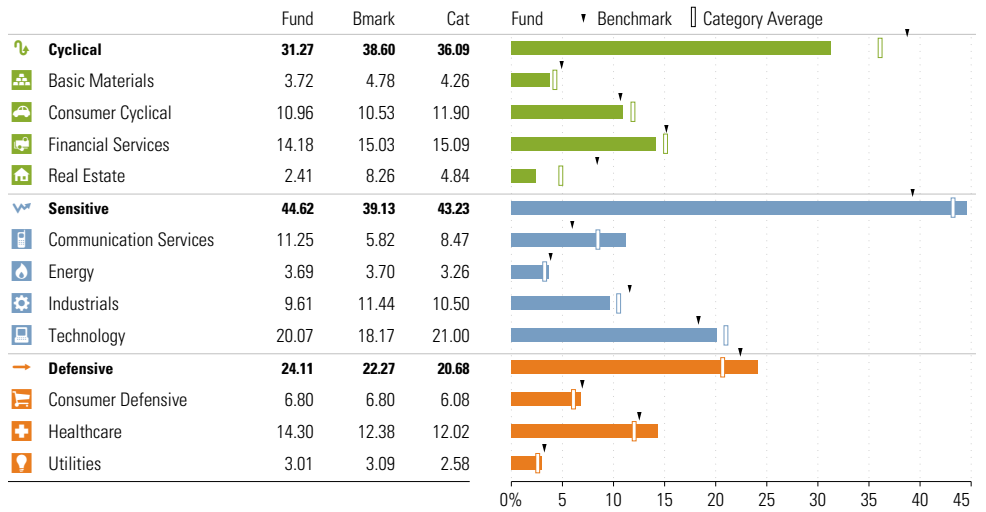


**Asset Allocation** as of 12-31-2021



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.

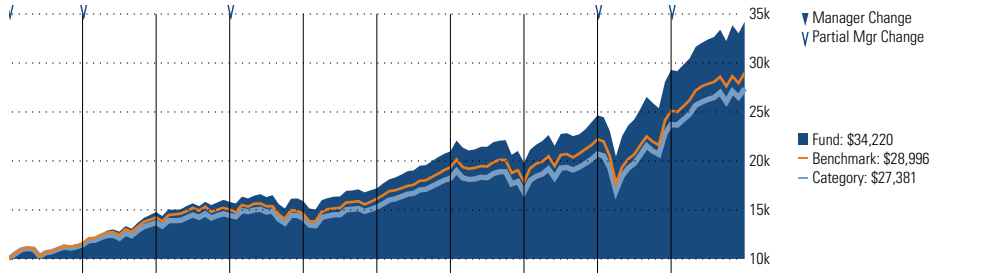
## Morningstar Investment Management LLC Analysis

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

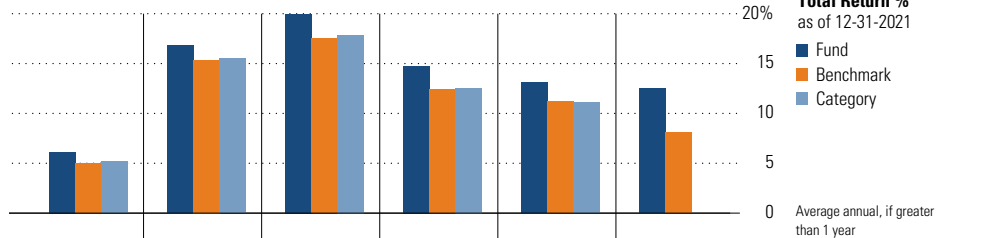
Metric	Rating	Updated
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

## Growth of \$10,000



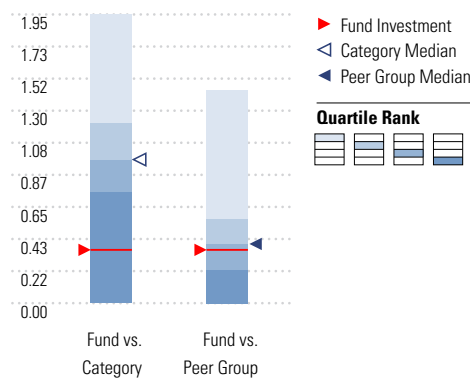
Year	2012	2013	2014	2015	2016	2017	2018	2019	2020	YTD	History
Total Return %	16.71	26.66	6.96	0.58	8.17	21.98	-5.52	24.40	18.77	16.83	Total Return %
+/- Benchmark	1.00	3.61	1.45	3.41	-2.44	2.11	2.13	0.05	5.68	1.48	+/- Benchmark
+/- Category	2.07	6.69	1.71	2.57	0.22	2.46	2.22	1.21	4.21	1.36	+/- Category
Tot Ret % Rank in Cat	9	1	15	1	39	6	4	28	4	16	Tot Ret % Rank in Cat
# of Funds in Cat	208	223	207	236	226	237	243	246	221	217	# of Funds in Cat
Turnover %	2	2	1	5	2	0	-	-	5	17	Turnover %
Expense Ratio	-	-	-	-	-	-	-	-	-	-	Expense Ratio

## Trailing Performance



Period	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Metric
Fund Return %	6.13	16.83	19.96	14.75	13.09	12.49	Fund Return %
Benchmark Return %	4.98	15.35	17.50	12.42	11.23	8.06	Benchmark Return %
Category Average %	5.21	15.47	17.86	12.56	11.08	-	Category Average %
% Rank in Category	11	16	4	1	1	-	% Rank in Category
# of Funds in Category	229	217	204	169	94	-	# of Funds in Category

## Net Expense



Comparison	Rank	Percentile
Fund vs. Category	17	38/229
Fund vs. Peer Group	43	160/374

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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	3.16	-	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

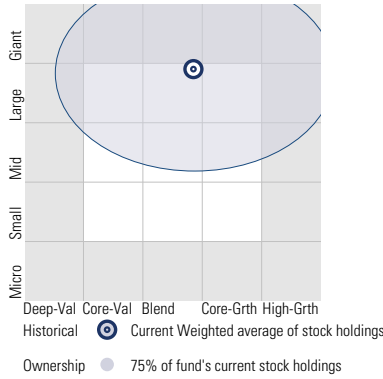
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	21.96	18.59	20.08
Price/Book Ratio	3.78	2.59	2.88
Avg Eff Duration	5.41	11.10	6.67

# American Funds 2040 Trgt Date Retire R6 RFGTX

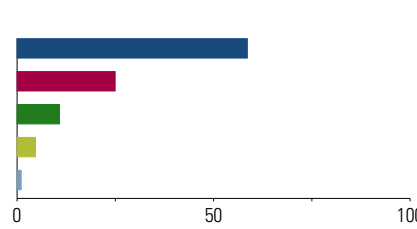
**Morningstar Category**  
Target-Date 2040

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

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

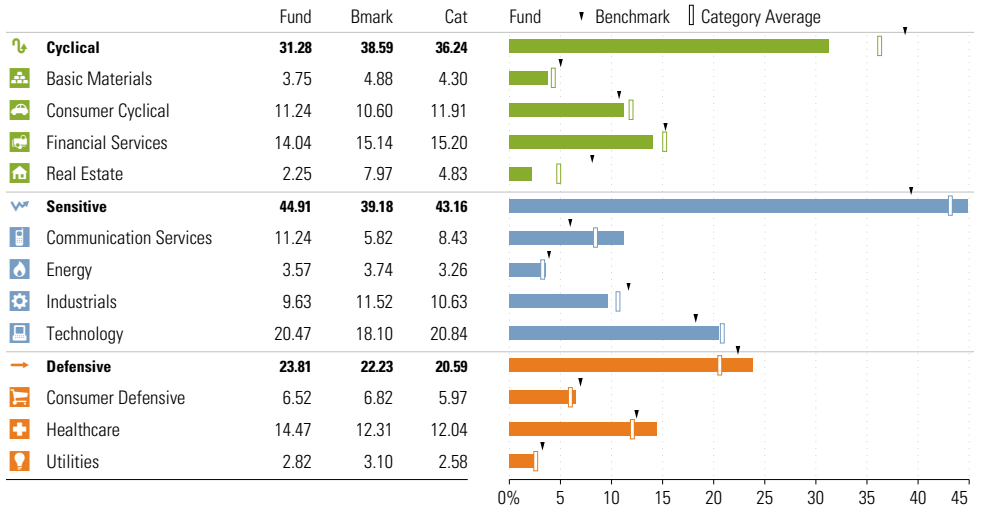


**Asset Allocation** as of 12-31-2021

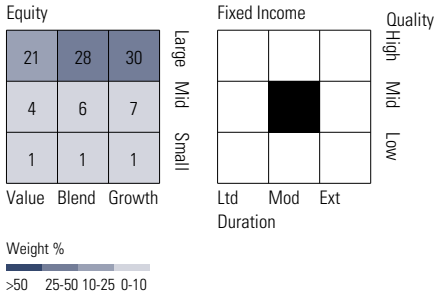


Asset Class	Net %	Cat%
US Stocks	58.58	49.22
Non-US Stocks	24.94	27.65
Bonds	10.78	12.05
Cash	4.67	1.91
Other	1.02	9.17
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

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



**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.

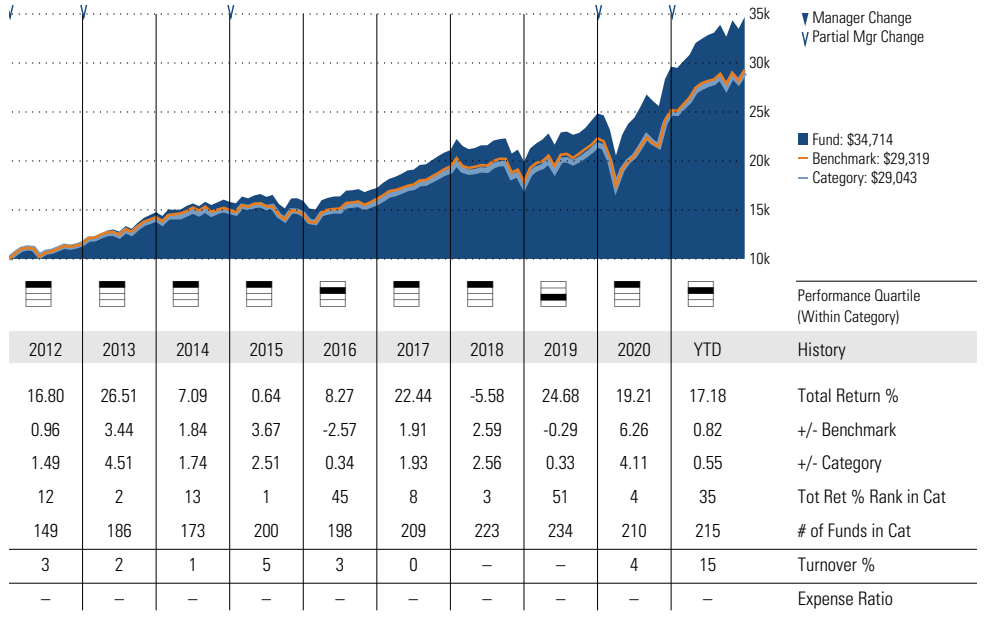
## Morningstar Investment Management LLC Analysis

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.

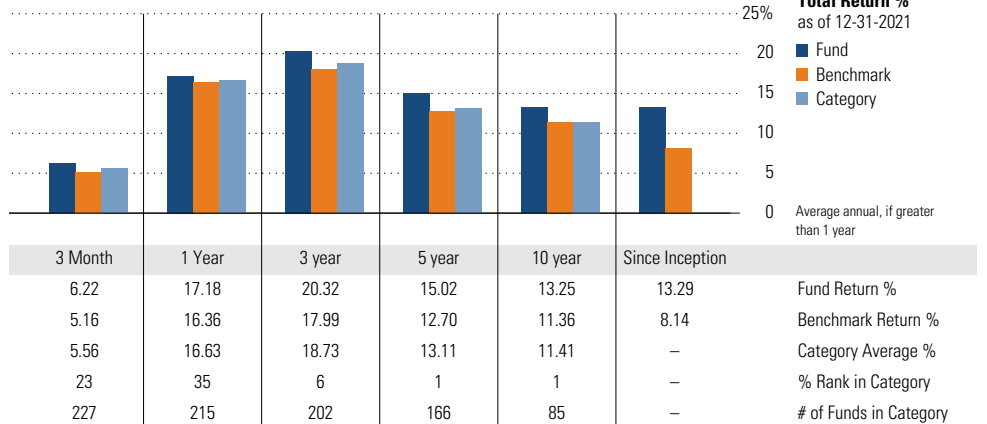
## ESG Metrics

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

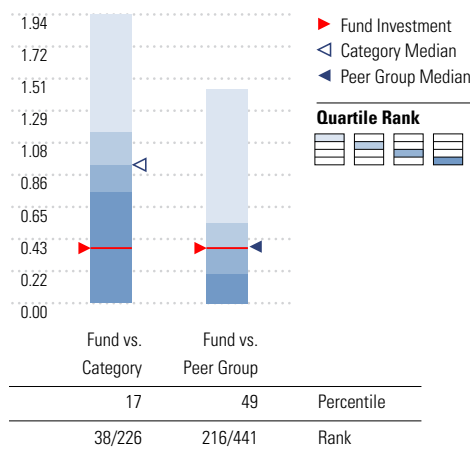
## Growth of \$10,000



## 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	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

Metric	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

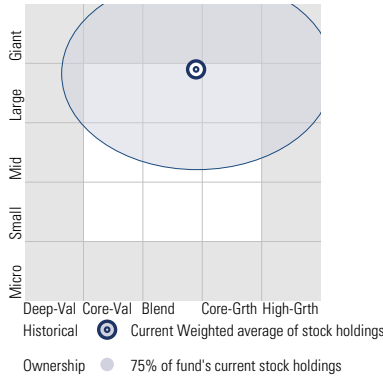
# American Funds 2045 Trgt Date Retire R6 RFHTX

**Morningstar Category**  
Target-Date 2045

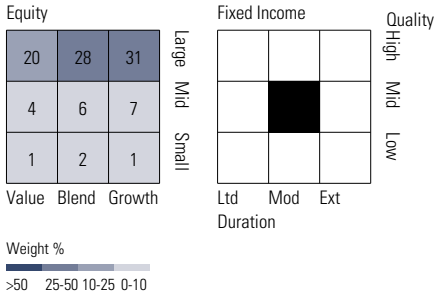
**Morningstar Index**  
Morningstar Lifetime Mod 2045 TR  
USD

## Style Analysis as of 12-31-2021

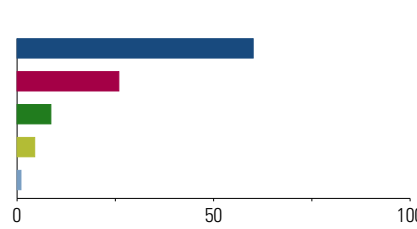
Morningstar Style Box™



## Style Breakdown

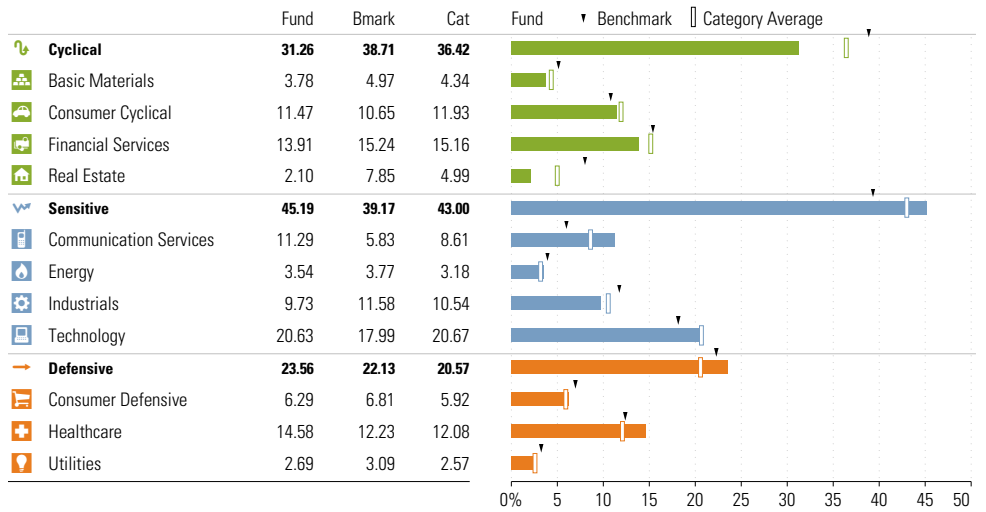


## Asset Allocation as of 12-31-2021



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.

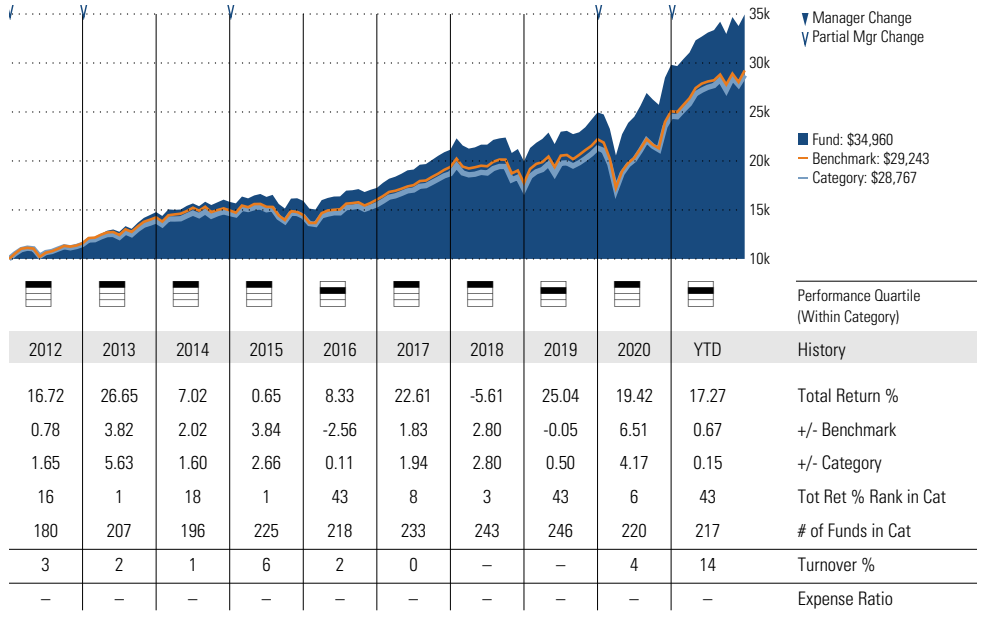
## Morningstar Investment Management LLC Analysis

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.

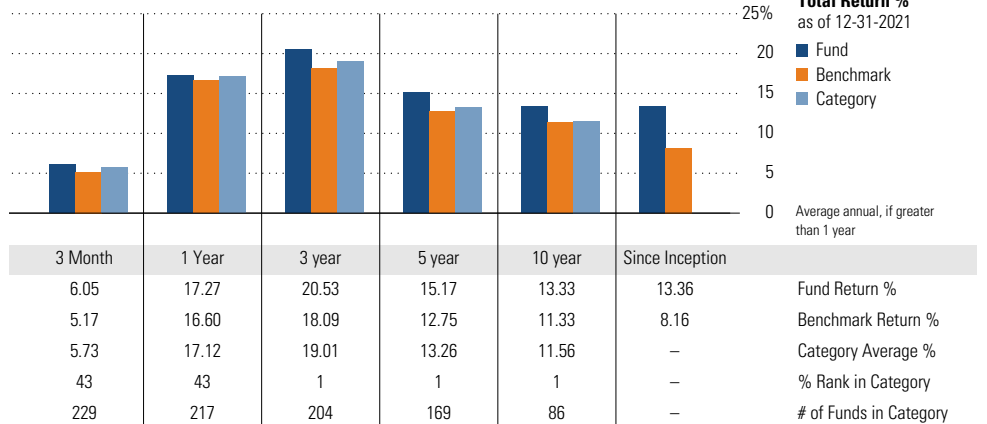
## ESG Metrics

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

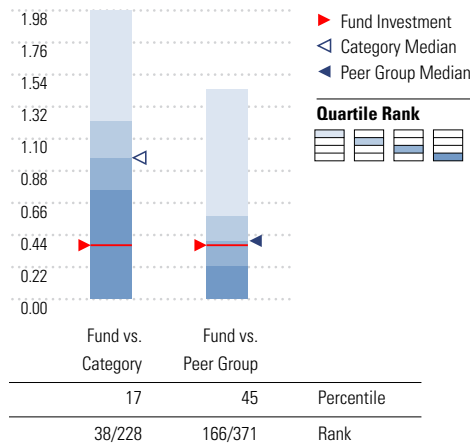
## Growth of \$10,000



## 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	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

Metric	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

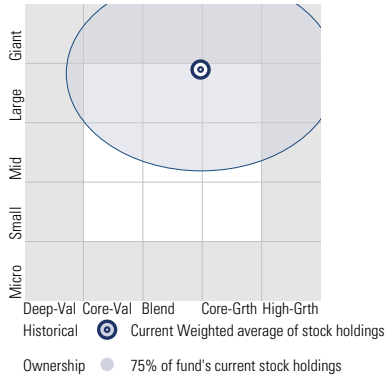
# American Funds 2050 Trgt Date Retire R6 RFITX

**Morningstar Category**  
Target-Date 2050

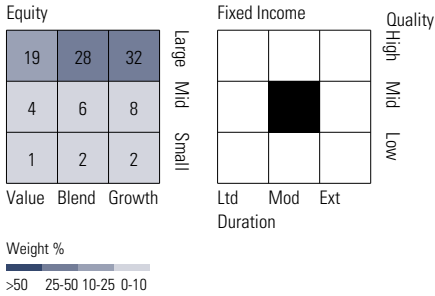
**Morningstar Index**  
Morningstar Lifetime Mod 2050 TR USD

## Style Analysis as of 12-31-2021

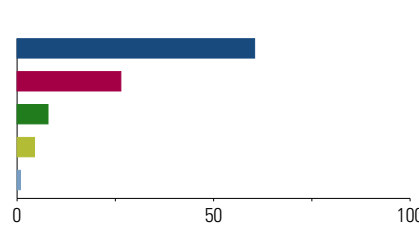
Morningstar Style Box™



## Style Breakdown

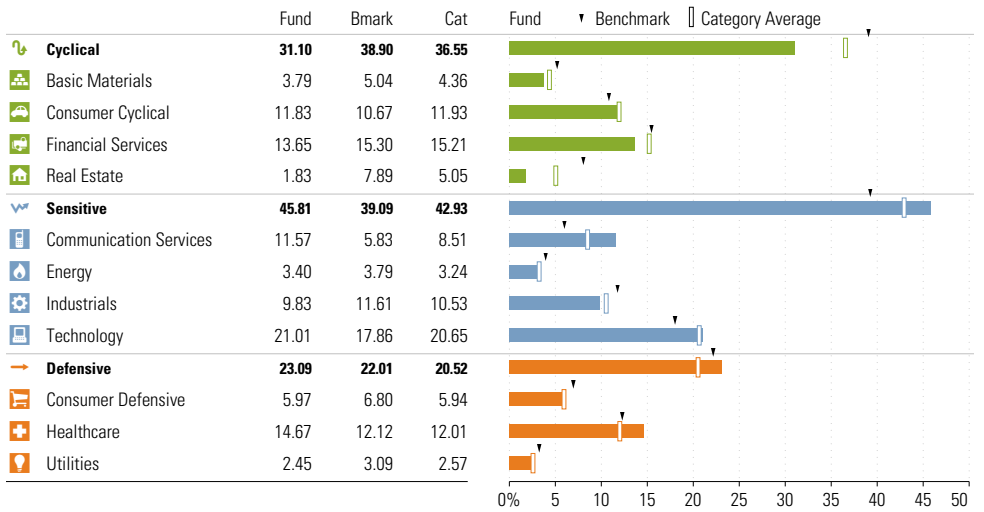


## Asset Allocation as of 12-31-2021



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.

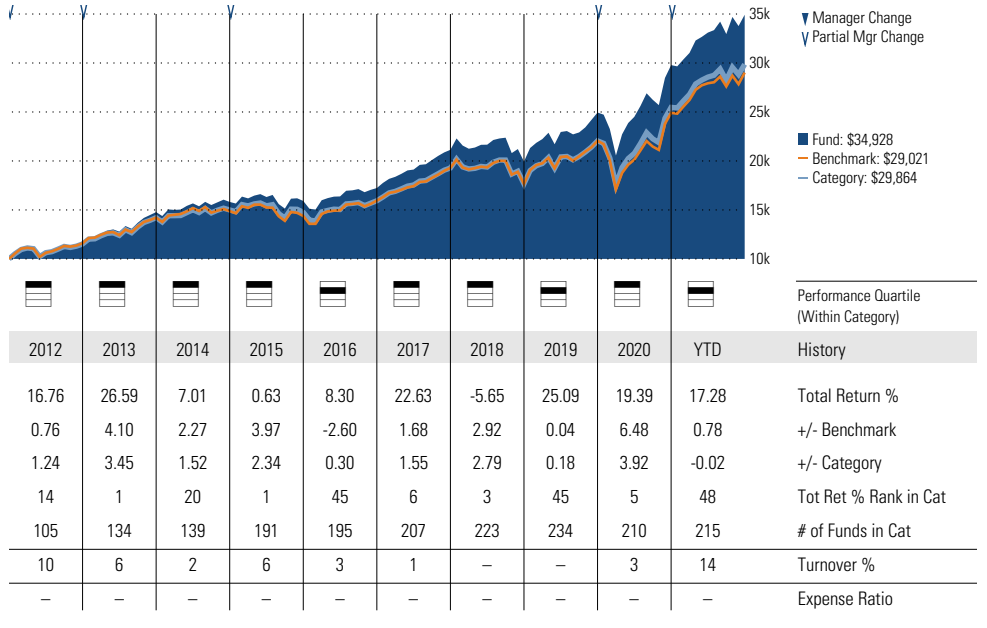
## Morningstar Investment Management LLC Analysis

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.

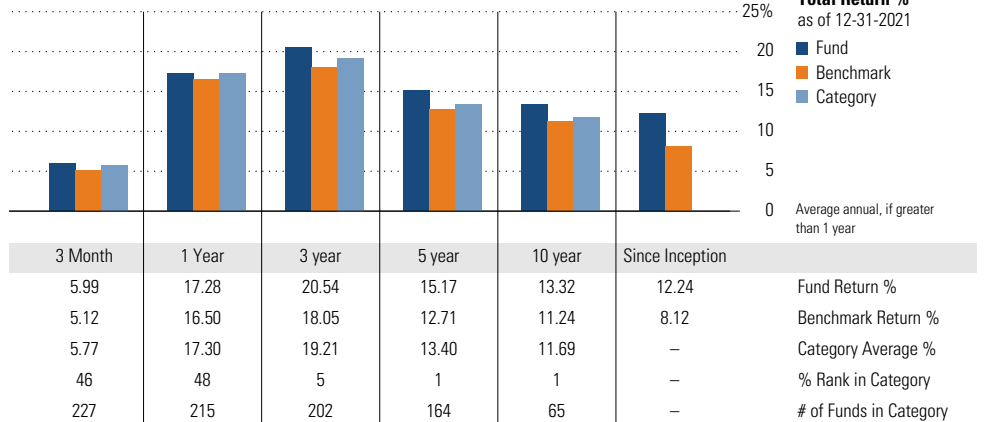
## ESG Metrics

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

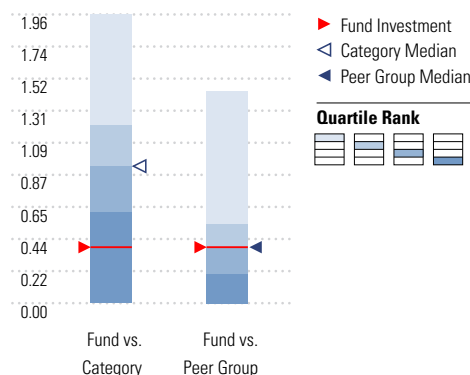
## Growth of \$10,000



## Trailing Performance



## Net Expense



Percentile	Rank
17	38/226
48	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

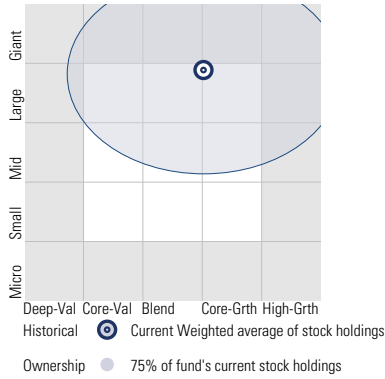
	Fund	Bmark	Cat
Price/Earnings Ratio	22.58	18.14	19.70
Price/Book Ratio	3.95	2.50	2.77
Avg Eff Duration	5.54	-	6.64

# American Funds 2055 Trgt Date Retire R6 RFKTX

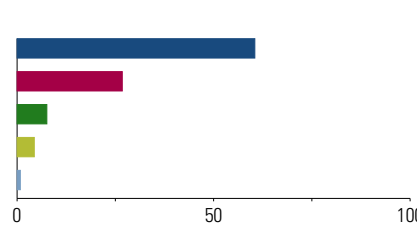
**Morningstar Category**  
Target-Date 2055

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

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

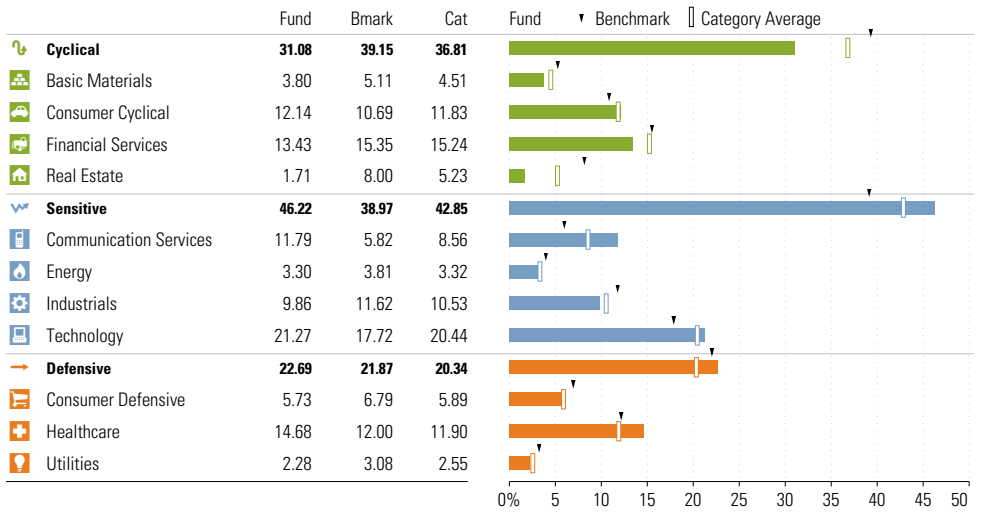


**Asset Allocation** as of 12-31-2021

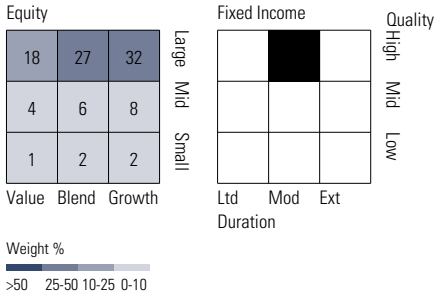


Asset Class	Net %	Cat%
US Stocks	60.49	54.17
Non-US Stocks	26.76	34.51
Bonds	7.57	4.53
Cash	4.37	1.52
Other	0.82	5.27
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

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



**Style Breakdown**



**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.

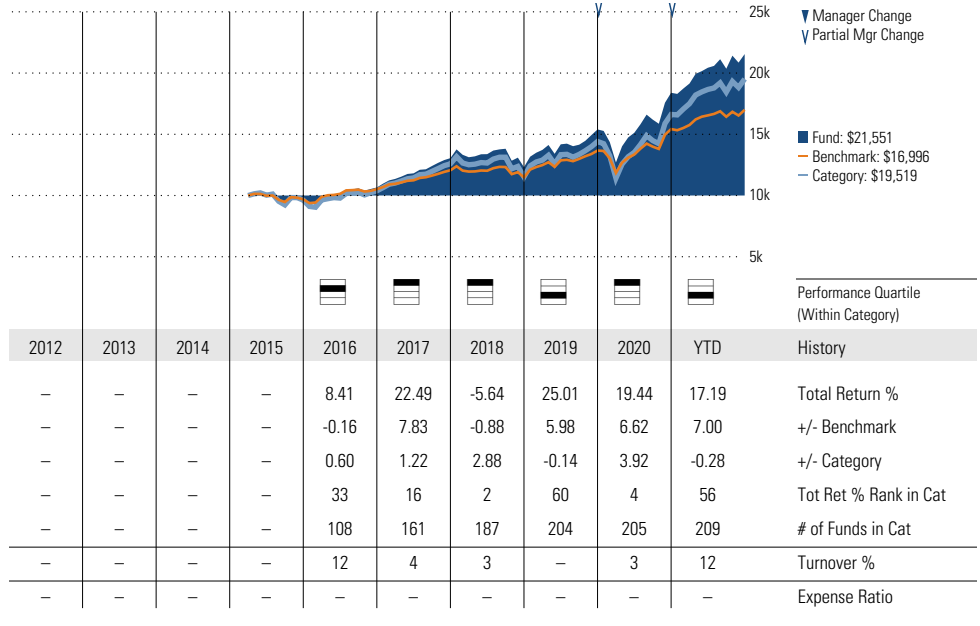
## Morningstar Investment Management LLC Analysis

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.

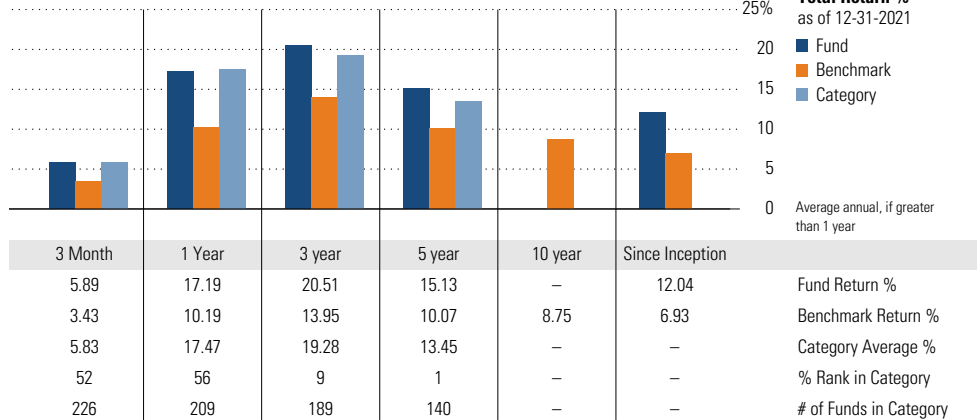
## ESG Metrics

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

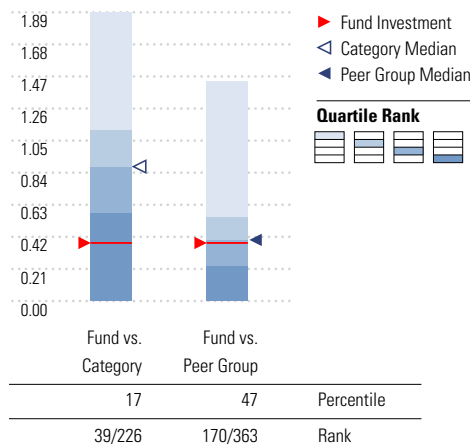
## Growth of \$10,000



## 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

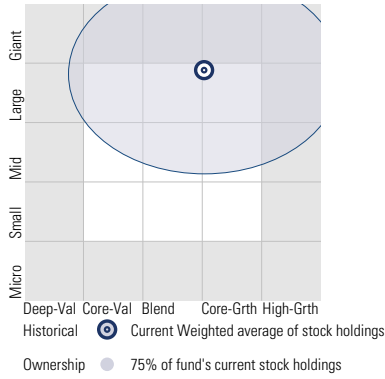
# American Funds 2060 Trgt Date Retire R6 RFUTX

**Morningstar Category**  
Target-Date 2060

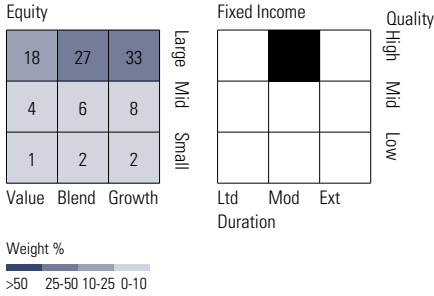
**Morningstar Index**  
Morningstar Mod Tgt Risk TR USD

## Style Analysis as of 12-31-2021

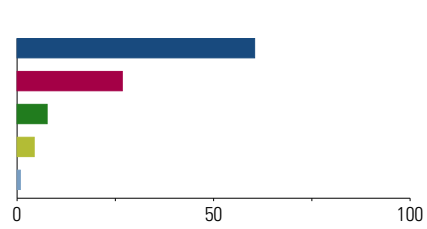
Morningstar Style Box™



## 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

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>31.11</b>	<b>38.62</b>	<b>36.04</b>			
Basic Materials	3.80	5.07	4.48			
Consumer Cyclical	12.25	10.38	11.98			
Financial Services	13.36	15.53	15.04			
Real Estate	1.70	7.64	4.54			
<b>Sensitive</b>	<b>46.30</b>	<b>38.79</b>	<b>43.45</b>			
Communication Services	11.83	5.90	8.82			
Energy	3.28	3.96	3.39			
Industrials	9.88	11.42	10.48			
Technology	21.31	17.51	20.76			
<b>Defensive</b>	<b>22.59</b>	<b>22.58</b>	<b>20.50</b>			
Consumer Defensive	5.68	7.23	5.95			
Healthcare	14.66	11.97	12.04			
Utilities	2.25	3.38	2.51			

## 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.

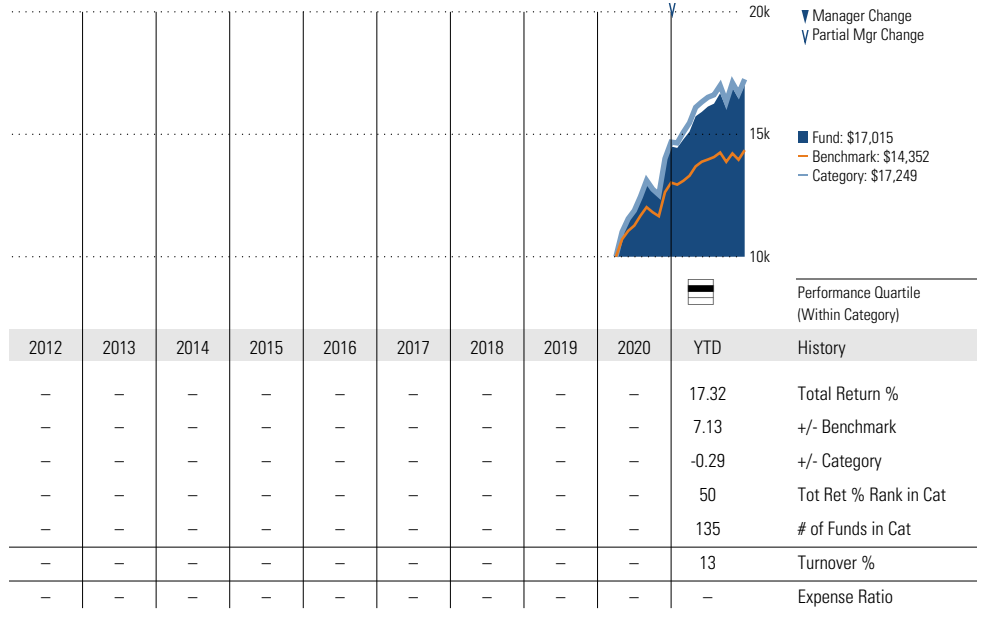
## Morningstar Investment Management LLC Analysis

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

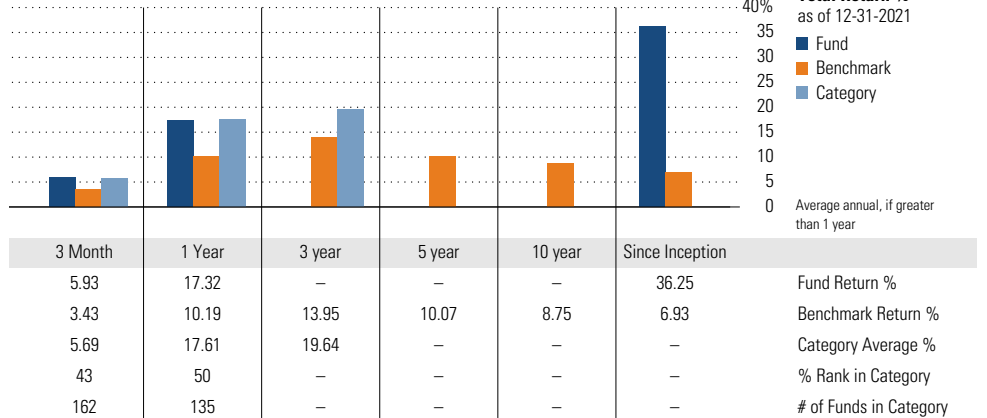
## ESG Metrics

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

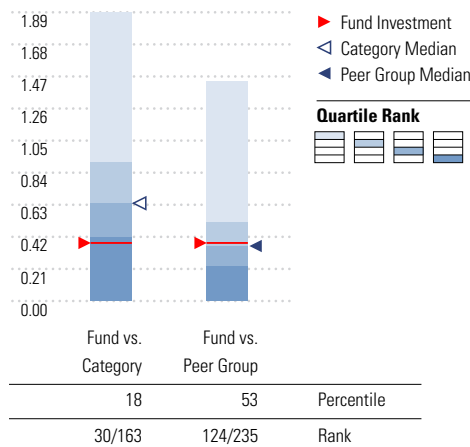
## Growth of \$10,000



## 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

	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

	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

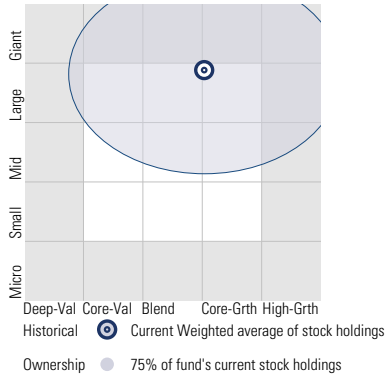
# American Funds 2065 Trgt Date Retire R6 RFVTX

**Morningstar Category**  
Target-Date 2065+

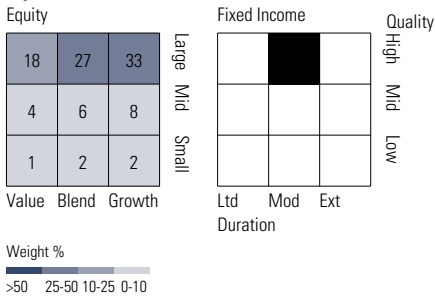
**Morningstar Index**  
Morningstar Mod Tgt Risk TR USD

## Style Analysis as of 12-31-2021

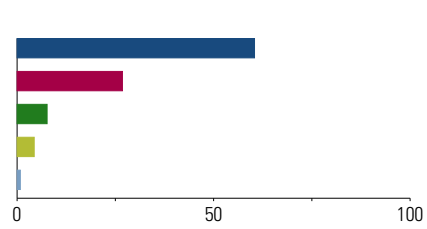
Morningstar Style Box™



## Style Breakdown

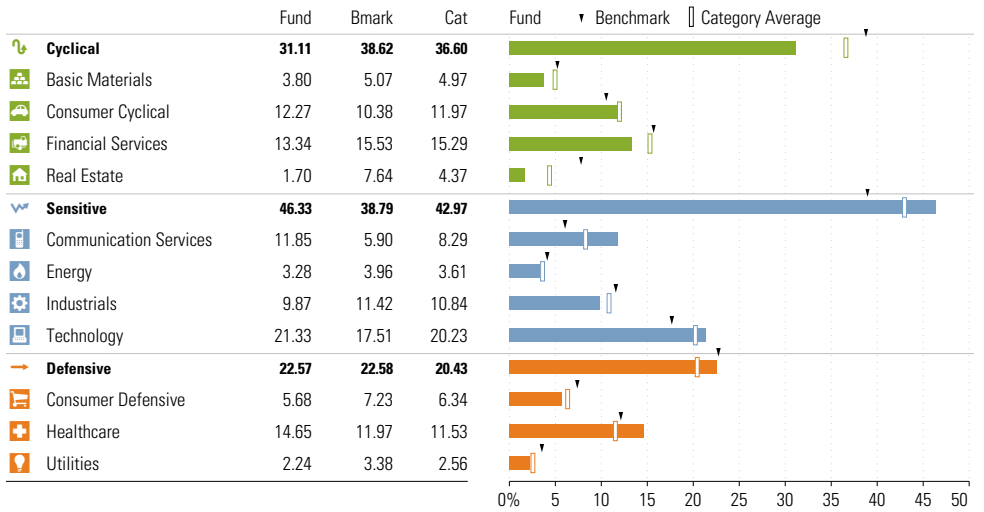


## Asset Allocation as of 12-31-2021



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 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.

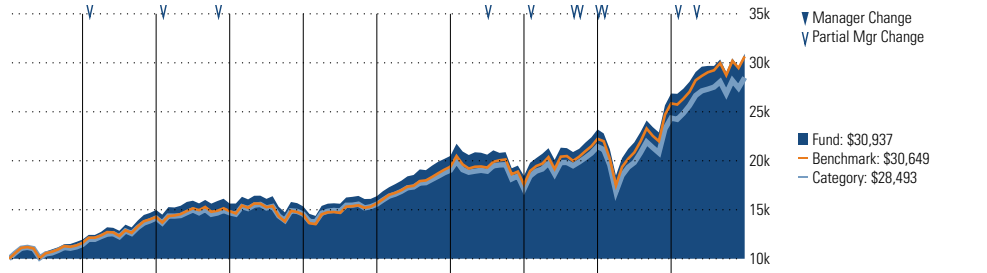
## Morningstar Investment Management LLC Analysis

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

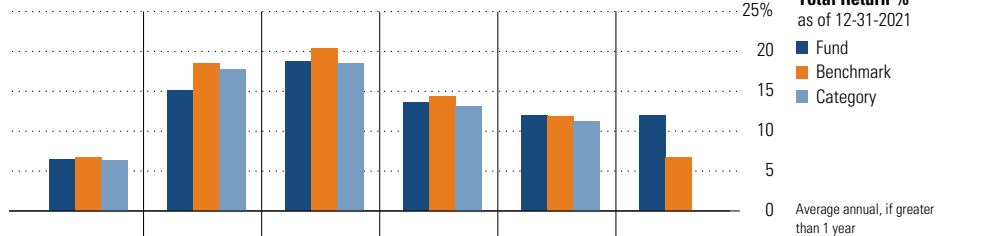
Metric	Rating	Updated
Sustainability Rating	2	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

## Growth of \$10,000



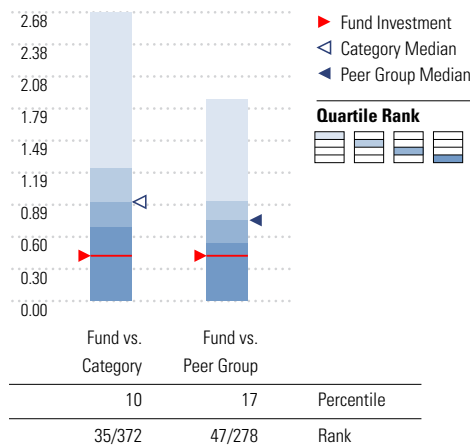
2012	2013	2014	2015	2016	2017	2018	2019	2020	YTD	Performance Quartile (Within Category)
19.56	25.28	4.36	-1.88	6.85	25.08	-9.97	25.74	15.78	15.15	History
3.43	2.48	0.20	0.48	-1.01	1.11	-0.56	-0.86	-0.47	-3.39	Total Return %
5.17	1.20	0.69	-0.96	-0.08	2.80	0.09	0.48	2.82	-2.57	+/- Benchmark
11	49	39	64	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



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

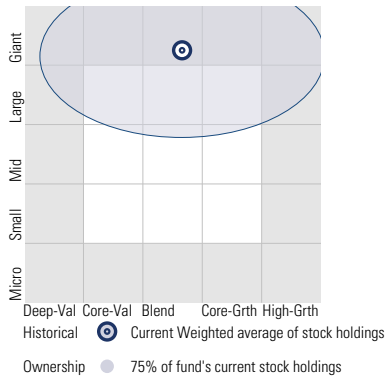
# American Funds Capital World Gr&Inc R6 RWIGX

**Morningstar Category**  
World Large-Stock Blend

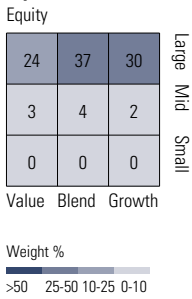
**Morningstar Index**  
MSCI ACWI NR USD

## Style Analysis as of 12-31-2021

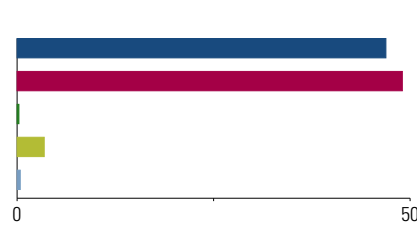
Morningstar Style Box™



## Style Breakdown

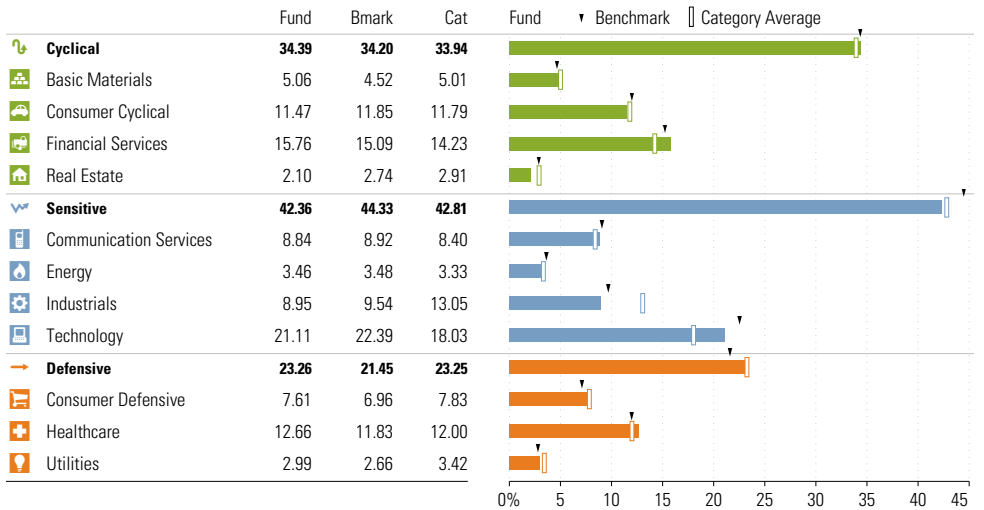


## Asset Allocation as of 12-31-2021



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 Growth Fund of Amer R6 RGAGX

**Morningstar Category**  
Large Growth

**Morningstar Index**  
Russell 1000 Growth TR USD

## Portfolio Manager(s)

- Donald O'Neal since 11-1993
- J. Frank since 11-2001
- Lawrence Solomon since 05-2010
- Martin Romo since 11-2010
- Carl Kawaja since 11-2010
- Mark Casey since 11-2012
- Alan Wilson since 11-2012
- Anne-Marie Peterson since 07-2013
- Christopher Buchbinder since 11-2013
- Joanna Jonsson since 03-2016
- Alex Popa since 10-2016
- Andraz Razen since 03-2020
- Julian Abdey since 11-2021

## Quantitative Screens

**Performance:** The fund has finished in the 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 28.18 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 0.3 is 69.39% lower than the Large Growth category average.

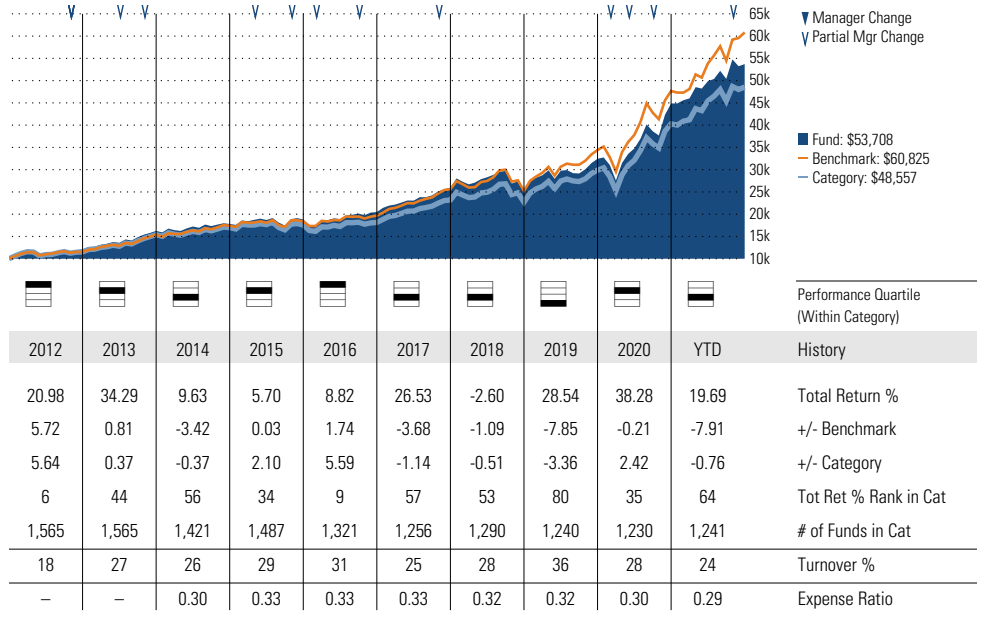
## Morningstar Investment Management LLC Analysis

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

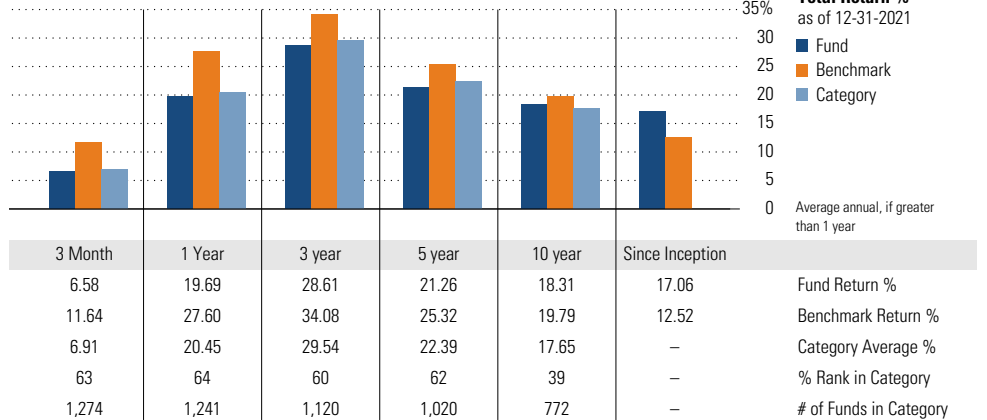
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	1	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

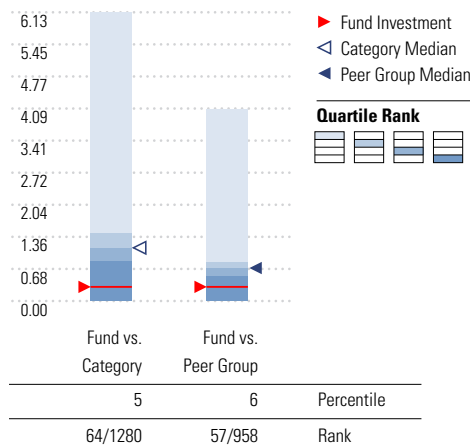
## Growth of \$10,000



## 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	-2.78	-	-2.24
Beta	0.95	-	0.97
R-Squared	93.80	-	91.07
Standard Deviation	18.09	18.42	18.79
Sharpe Ratio	1.44	1.65	1.46
Tracking Error	4.59	-	5.52
Information Ratio	-1.19	-	-0.92
Up Capture Ratio	85.58	-	90.02
Down Capture Ratio	86.27	-	93.02

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	29.17	34.55	33.66
Price/Book Ratio	6.46	12.90	9.38
Geom Avg Mkt Cap \$B	187.45	350.68	382.58
ROE	24.47	41.42	32.76

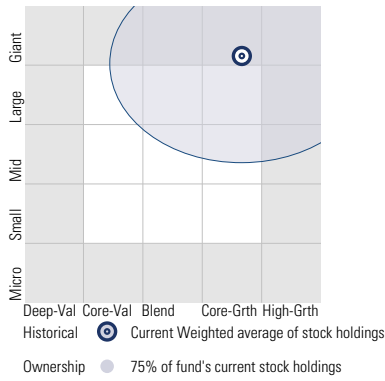
# American Funds Growth Fund of Amer R6 RGAGX

**Morningstar Category**  
Large Growth

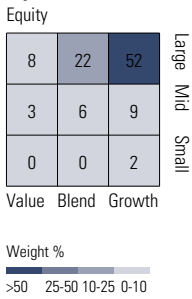
**Morningstar Index**  
Russell 1000 Growth TR USD

## Style Analysis as of 12-31-2021

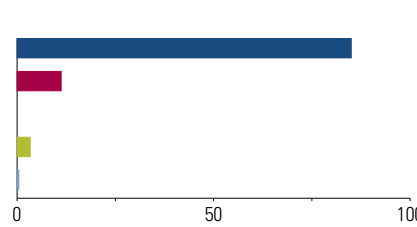
Morningstar Style Box™



## Style Breakdown

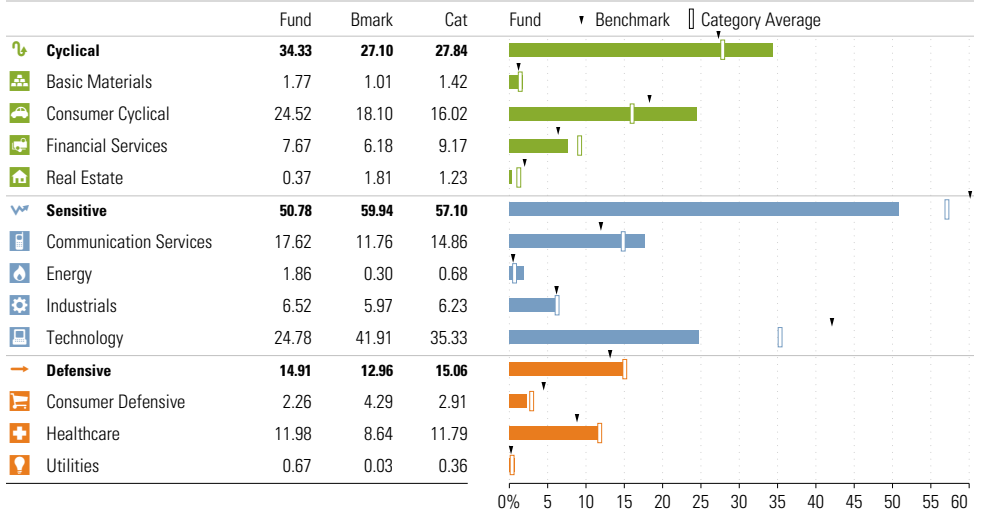


## Asset Allocation as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	85.02	92.88
Non-US Stocks	11.21	5.04
Bonds	0.00	0.00
Cash	3.33	1.24
Other	0.43	0.84
<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
⊖ Tesla Inc	7.46	7.46	49.76	Consumer Cyclical
⊖ Microsoft Corp	6.11	13.58	52.24	Technology
⊕ Amazon.com Inc	4.53	18.11	2.38	Consumer Cyclical
⊖ Netflix Inc	4.51	22.62	11.41	Communication Svc
⊖ Meta Platforms Inc Class A	4.09	26.70	23.13	Communication Svc
⊕ Capital Group Central Cash Fund	3.40	30.11	—	—
⊖ Alphabet Inc Class C	2.97	33.08	65.17	Communication Svc
⊕ UnitedHealth Group Inc	2.36	35.44	44.79	Healthcare
⊖ Alphabet Inc Class A	2.02	37.46	65.30	Communication Svc
⊖ Broadcom Inc	1.90	39.36	55.38	Technology
⊖ Thermo Fisher Scientific Inc	1.31	40.67	43.48	Healthcare
⊖ Mastercard Inc Class A	1.04	41.71	1.16	Financial Services
⊕ Taiwan Semiconductor Manufacturing Co Ltd	1.00	42.71	18.02	Technology
⊕ Shopify Inc Registered Shs -A- Subord Vtg	0.97	43.69	21.18	Technology
⊖ The Home Depot Inc	0.93	44.62	58.73	Consumer Cyclical

**Total Holdings 416**

⊕ 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.

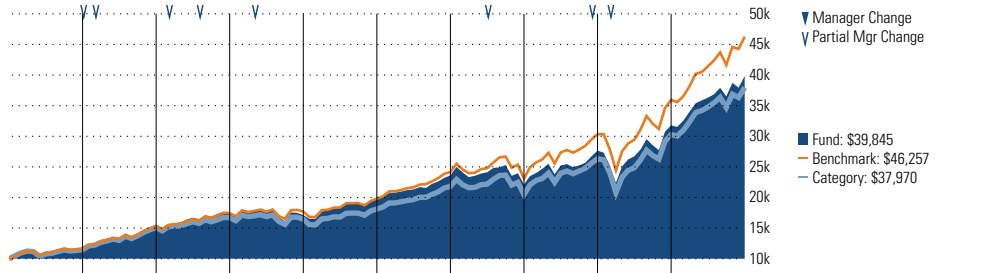
## Morningstar Investment Management LLC Analysis

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

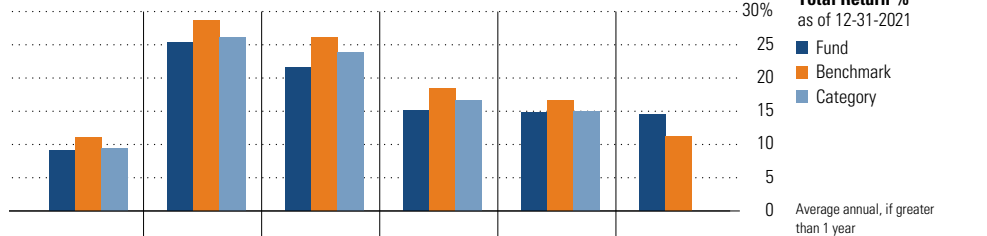
Metric	Rating	Updated
Sustainability Rating	2	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

## Growth of \$10,000



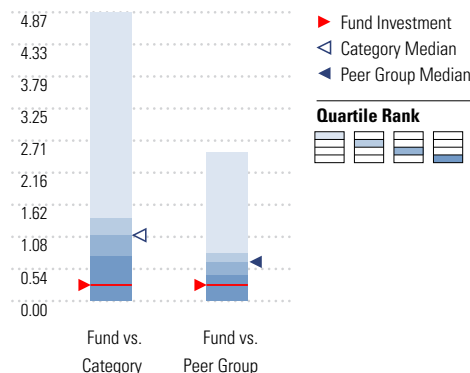
	2012	2013	2014	2015	2016	2017	2018	2019	2020	YTD	History
Performance Quartile (Within Category)	III	III	III	III	III	III	III	III	III	III	History
Total Return %	15.98	32.84	12.41	-1.15	14.93	20.06	-6.25	24.92	14.85	25.40	Total Return %
+/- Benchmark	-0.02	0.45	-1.28	-2.53	2.97	-1.77	-1.87	-6.57	-3.55	-3.31	+/- 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

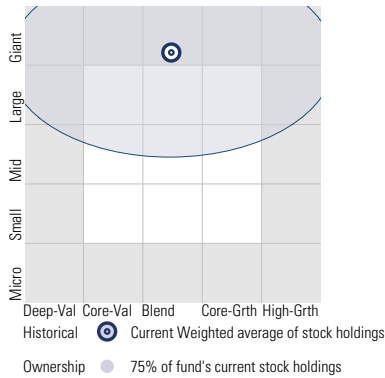
	Fund	Bmark	Cat
Price/Earnings Ratio	23.55	25.15	25.73
Price/Book Ratio	4.07	4.59	5.74
Geom Avg Mkt Cap \$B	223.15	230.65	305.14
ROE	29.42	32.75	38.00

# American Funds Invmt Co of Amer R6 RICGX

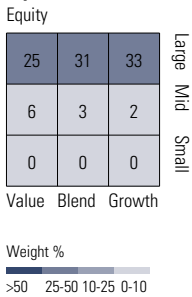
**Morningstar Category**  
Large Blend

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

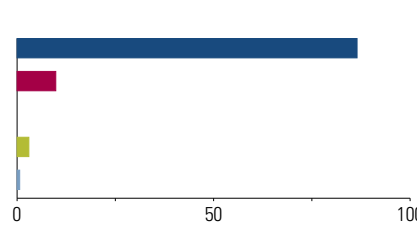
**Style Analysis** as of 12-31-2021  
Morningstar Style Box™



**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.

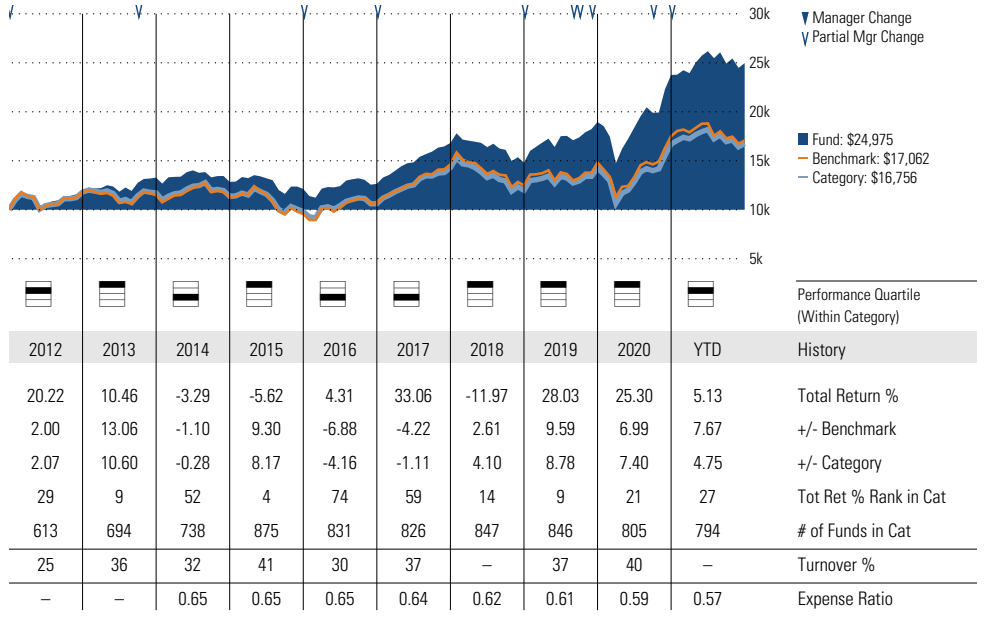
## Morningstar Investment Management LLC Analysis

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.

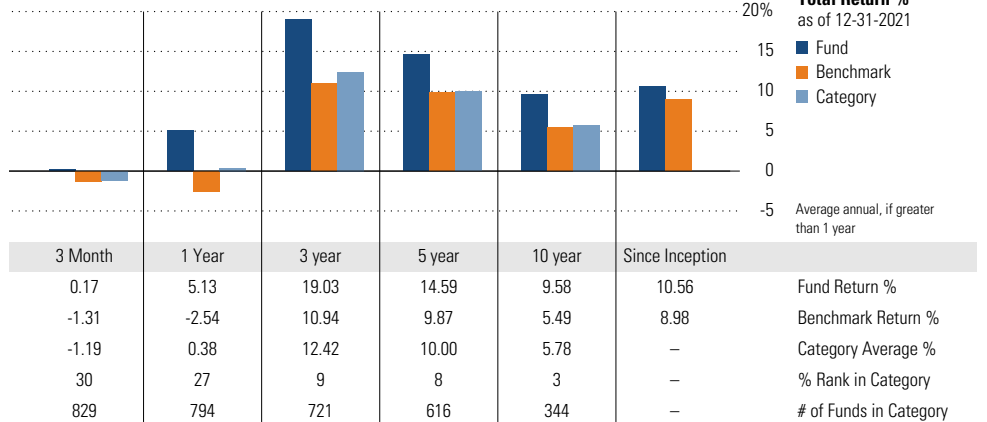
## ESG Metrics

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

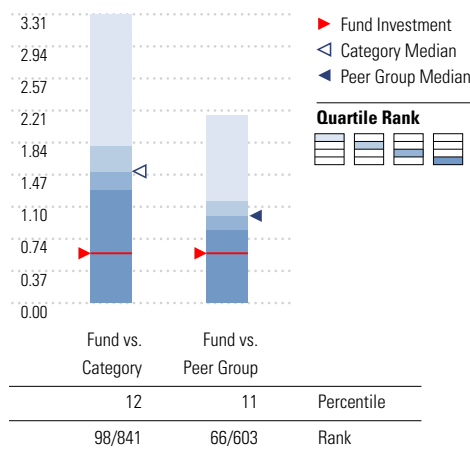
## Growth of \$10,000



## 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

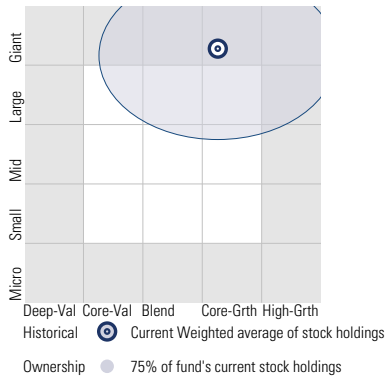
# American Funds New World R6 RNWGX

**Morningstar Category**  
Diversified Emerging Mkts

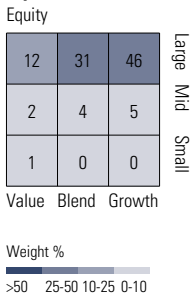
**Morningstar Index**  
MSCI EM NR USD

## Style Analysis as of 12-31-2021

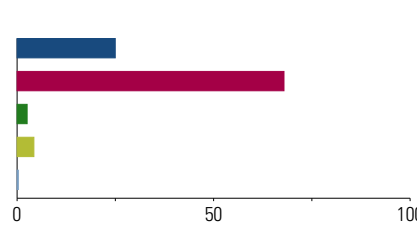
Morningstar Style Box™



## Style Breakdown

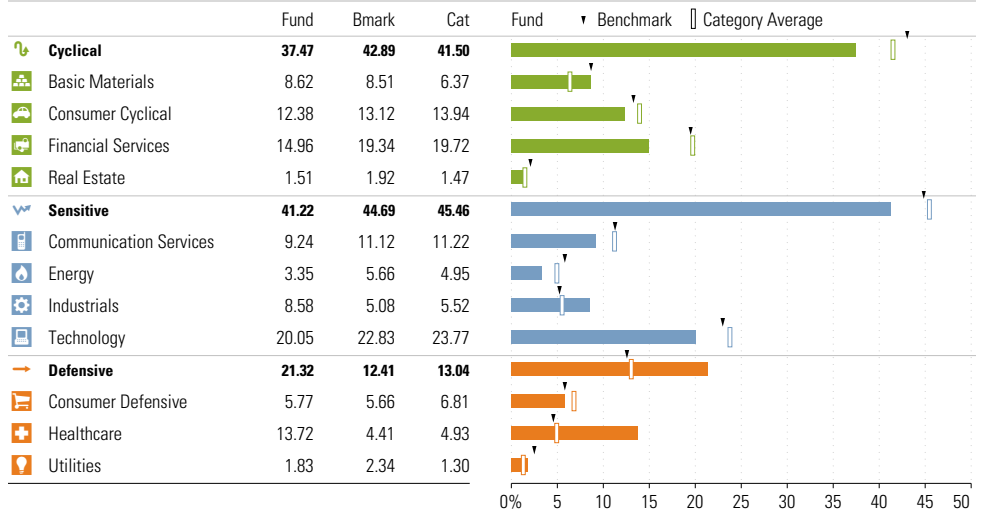


## Asset Allocation as of 12-31-2021



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



## 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

# DFA Global Real Estate Securities Port DFGEX

**Morningstar Category**  
Global Real Estate

**Morningstar Index**  
S&P Global REIT TR USD

## Portfolio Manager(s)

Jed Fogdall since 02-2010  
 Bhanu Singh since 07-2015  
 Allen Pu since 07-2015  
 Mary Phillips since 02-2017  
 William Collins-Dean since 02-2019  
 Ashish Bhagwanjee since 02-2020

## Quantitative Screens

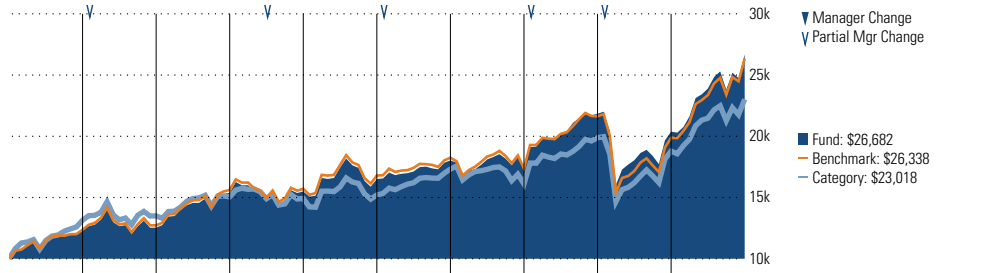
**Performance:** The fund has finished in the Global Real Estate category's top three quartiles in 7 of the 10 years it's been in existence.

**Management:** The fund's management has been in place for 11.85 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 0.24 is 79.83% lower than the Global Real Estate category average.

## Growth of \$10,000



2012	2013	2014	2015	2016	2017	2018	2019	2020	YTD	History
23.17	1.77	22.74	0.69	6.56	9.20	-4.15	26.40	-6.72	30.96	Total Return %
-0.56	-1.04	-0.07	0.10	-0.34	0.57	0.62	1.91	1.39	-1.54	+/- Benchmark
-8.61	-1.15	11.07	1.61	4.59	-5.92	2.96	2.95	-1.29	8.06	+/- Category
94	78	1	24	6	90	9	21	62	14	Tot Ret % Rank in Cat
208	219	229	261	241	237	220	227	206	198	# of Funds in Cat
-	-	-	1	2	2	3	0	0	1	Turnover %
-	-	0.32	0.27	0.24	0.24	0.24	0.24	0.12	0.13	Expense Ratio

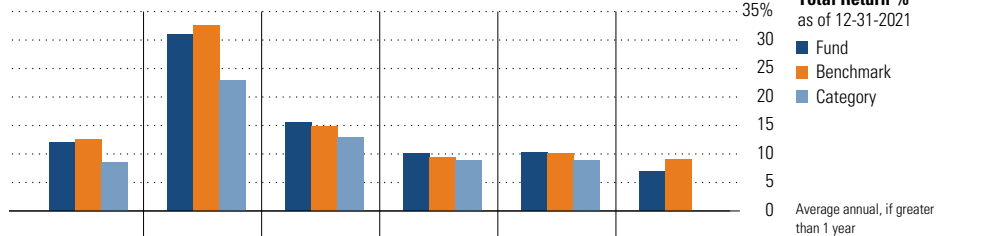
## Morningstar Investment Management LLC Analysis

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

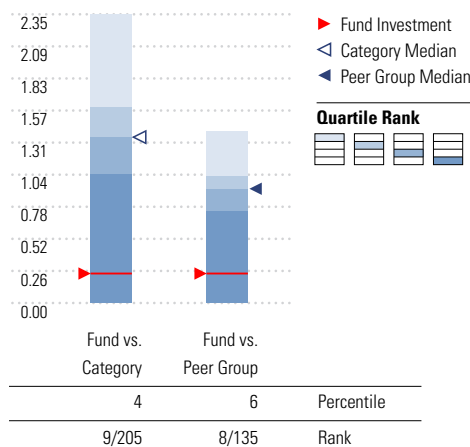
Metric	Rating	Updated
Sustainability Rating	4	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

## Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	
12.09	30.96	15.58	10.08	10.31	7.02	Fund Return %
12.58	32.50	14.87	9.41	10.17	9.09	Benchmark Return %
8.55	22.90	12.95	8.94	8.79	-	Category Average %
13	14	23	32	19	-	% Rank in Category
204	198	198	177	112	-	# 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	1.25	-	0.29
Beta	0.95	-	0.90
R-Squared	99.12	-	95.04
Standard Deviation	19.12	20.09	18.46
Sharpe Ratio	0.82	0.76	0.76
Tracking Error	2.09	-	4.62
Information Ratio	0.34	-	-0.22
Up Capture Ratio	98.19	-	91.68
Down Capture Ratio	93.19	-	91.37

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	25.39	26.21	17.36
Price/Book Ratio	2.02	2.03	1.51
Geom Avg Mkt Cap \$B	15.29	13.59	14.00
ROE	12.85	10.05	10.74

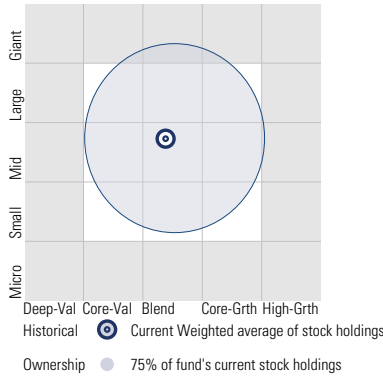
# DFA Global Real Estate Securities Port DFGEX

**Morningstar Category**  
Global Real Estate

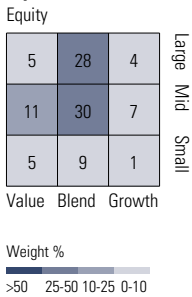
**Morningstar Index**  
S&P Global REIT TR USD

## Style Analysis as of 12-31-2021

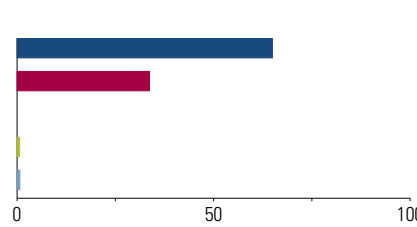
Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	64.96	45.25
Non-US Stocks	33.70	48.56
Bonds	0.00	0.26
Cash	0.65	1.13
Other	0.70	4.81
<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>100.00</b>	<b>100.00</b>	<b>98.92</b>	[Bar chart showing Cyclical sector weighting]		
Basic Materials	0.00	0.00	0.01	[Bar chart showing Basic Materials weighting]		
Consumer Cyclical	0.00	0.00	0.71	[Bar chart showing Consumer Cyclical weighting]		
Financial Services	0.01	0.09	0.15	[Bar chart showing Financial Services weighting]		
Real Estate	99.99	99.91	98.05	[Bar chart showing Real Estate weighting]		
<b>Sensitive</b>	<b>0.00</b>	<b>0.00</b>	<b>0.93</b>	[Bar chart showing Sensitive sector weighting]		
Communication Services	0.00	0.00	0.36	[Bar chart showing Communication Services weighting]		
Energy	0.00	0.00	0.10	[Bar chart showing Energy weighting]		
Industrials	0.00	0.00	0.18	[Bar chart showing Industrials weighting]		
Technology	0.00	0.00	0.29	[Bar chart showing Technology weighting]		
<b>Defensive</b>	<b>0.00</b>	<b>0.00</b>	<b>0.15</b>	[Bar chart showing Defensive sector weighting]		
Consumer Defensive	0.00	0.00	0.00	[Bar chart showing Consumer Defensive weighting]		
Healthcare	0.00	0.00	0.04	[Bar chart showing Healthcare weighting]		
Utilities	0.00	0.00	0.11	[Bar chart showing Utilities weighting]		

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

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ DFA International Real Estate Sec I	35.02	35.02	-	-
⊖ DFA Real Estate Securities I	6.27	41.29	-	-
American Tower Corp	4.83	46.12	32.63	Real Estate
Prologis Inc	4.73	50.85	71.46	Real Estate
Crown Castle International Corp	3.33	54.18	34.56	Real Estate
Equinix Inc	2.79	56.97	20.04	Real Estate
Public Storage	2.27	59.24	65.66	Real Estate
Simon Property Group Inc	2.02	61.26	94.21	Real Estate
Digital Realty Trust Inc	1.72	62.98	30.11	Real Estate
SBA Communications Corp	1.65	64.63	38.71	Real Estate
Realty Income Corp	1.48	66.11	22.30	Real Estate
Welltower Inc	1.39	67.50	36.51	Real Estate
AvalonBay Communities Inc	1.37	68.87	61.41	Real Estate
Equity Residential	1.31	70.18	56.73	Real Estate
Alexandria Real Estate Equities Inc	1.19	71.37	27.62	Real Estate

**Total Holdings 154**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# DFA International Value I DFIVX

**Morningstar Category**  
Foreign Large Value

**Morningstar Index**  
MSCI EAFE NR USD

## Portfolio Manager(s)

Jed Fogdall since 02-2010  
Bhanu Singh since 07-2015  
Mary Phillips since 07-2015  
Arun Keswani since 02-2020

## 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 11.85 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 0.34 is 66% lower than the Foreign Large Value category average.

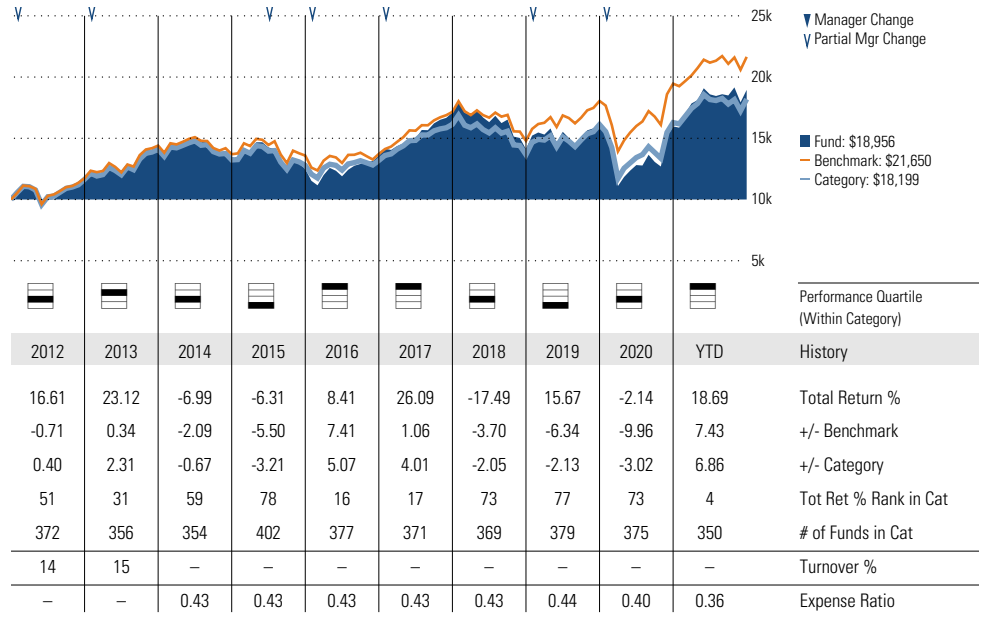
## Morningstar Investment Management LLC Analysis

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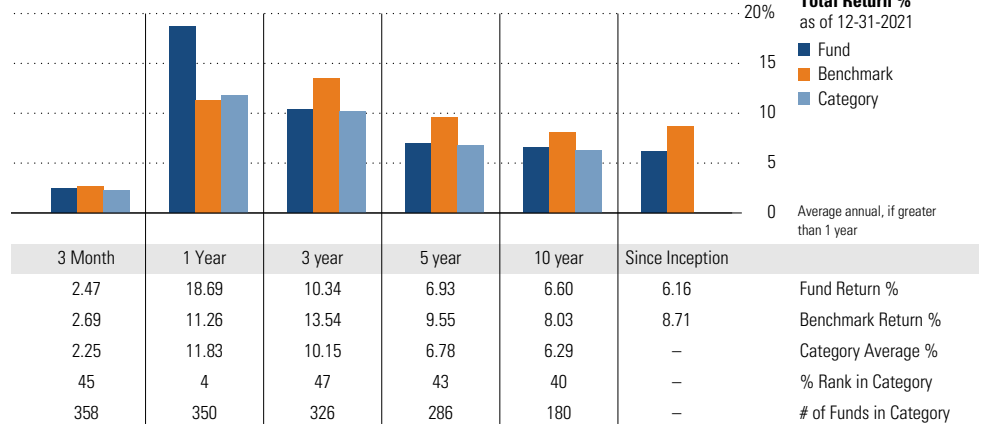
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	1	11-30-2021
Carbon Risk Score	Medium Risk	09-30-2021

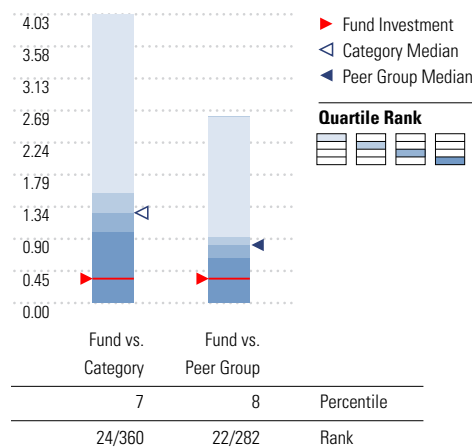
## Growth of \$10,000



## 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	-5.66	-	-3.87
Beta	1.28	-	1.12
R-Squared	92.29	-	93.09
Standard Deviation	22.82	17.16	19.86
Sharpe Ratio	0.51	0.78	0.57
Tracking Error	7.93	-	5.87
Information Ratio	-0.40	-	-0.57
Up Capture Ratio	113.27	-	102.36
Down Capture Ratio	138.16	-	119.52

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	10.77	16.51	11.67
Price/Book Ratio	0.99	1.86	1.32
Geom Avg Mkt Cap \$B	35.30	49.49	38.66
ROE	10.93	17.65	13.86

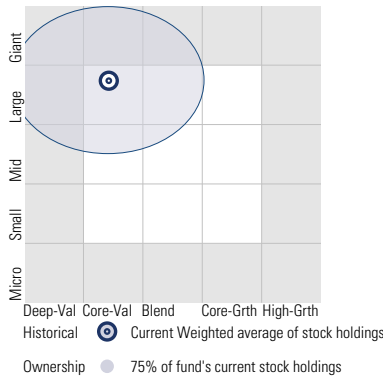
# DFA International Value I DFIVX

**Morningstar Category**  
Foreign Large Value

**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 12-31-2021

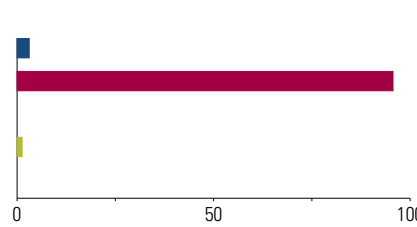
Morningstar Style Box™



## Style Breakdown

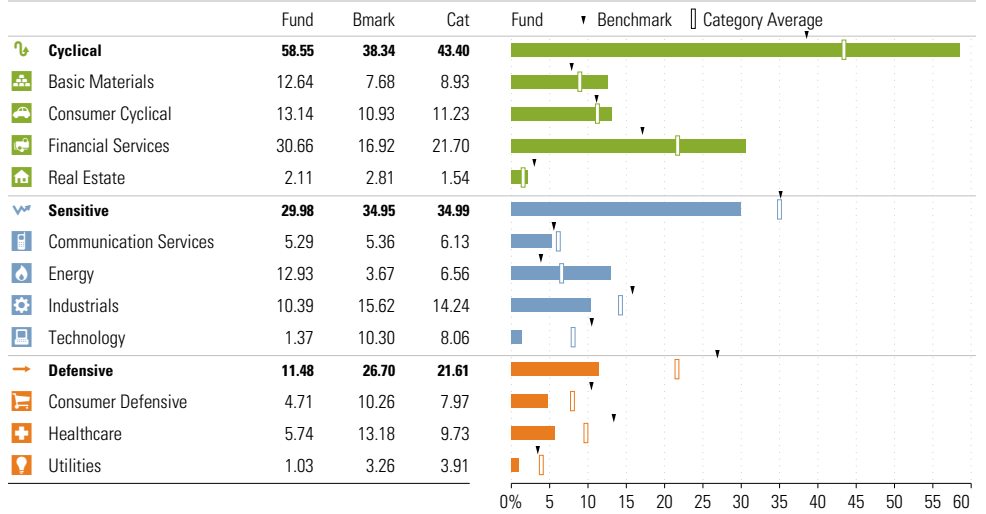


## Asset Allocation as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	3.08	2.59
Non-US Stocks	95.65	94.95
Bonds	0.00	0.26
Cash	1.27	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	29.38	30.16	Americas	11.82	8.50	Greater Europe	58.81	61.33	Developed Markets	99.62
Japan	20.54	17.30	North America	11.67	7.25	United Kingdom	13.50	18.17	Emerging Markets	0.38
Australasia	6.32	2.67	Central/Latin	0.15	1.25	W euro-ex UK	44.89	42.17	Not Available	0.00
Asia-4 Tigers	2.29	7.26				Emrgng Europe	0.00	0.47		
Asia-ex 4 Tigers	0.23	2.93				Africa	0.42	0.52		
Not Classified	0.00	0.00								

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

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Royal Dutch Shell PLC ADR Class B	3.03	3.03	33.86	Energy
⊕ TotalEnergies SE	2.85	5.88	33.91	Energy
⊖ Toyota Motor Corp	2.19	8.07	34.86	Consumer Cyclical
⊕ Daimler AG	1.61	9.68	39.32	Consumer Cyclical
⊕ Canadian Natural Resources Ltd	1.37	11.05	81.26	Energy
⊕ BP PLC ADR	1.34	12.39	35.99	Energy
⊕ Bank of Nova Scotia	1.29	13.68	36.85	Financial Services
⊕ E-mini S&P 500 Future Mar 22	1.29	14.96	-	-
⊖ Bank of Montreal	1.28	16.24	45.10	Financial Services
⊕ Zurich Insurance Group AG	1.24	17.48	10.68	Financial Services

**Total Holdings 513**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Invesco Oppenheimer International Gr R6 OIGIX

**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 9 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 0.69 is 34.91% lower than the Foreign Large Growth category average.

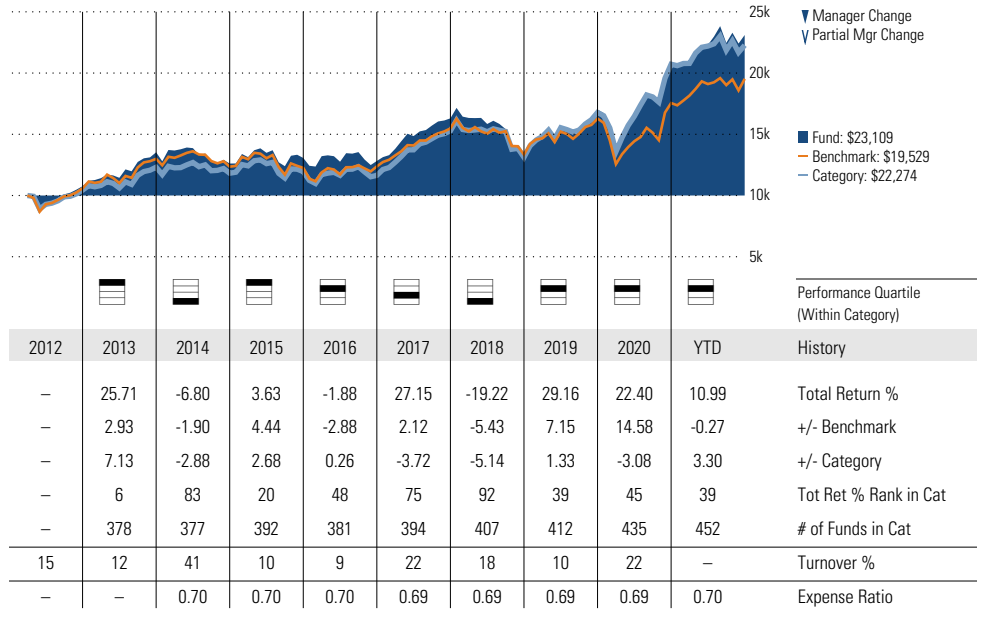
## Morningstar Investment Management LLC Analysis

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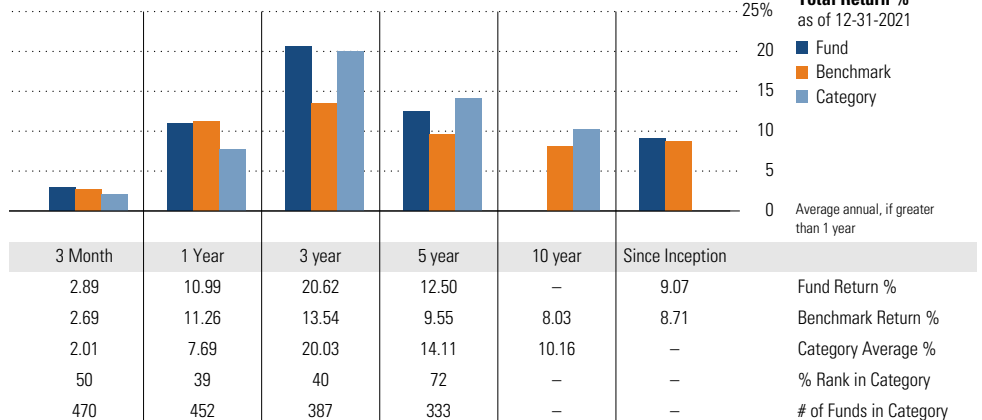
## ESG Metrics

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

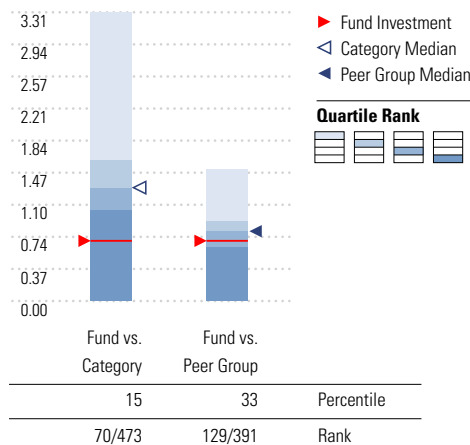
## Growth of \$10,000



## 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

	Fund	Bmark	Cat
Alpha	6.90	–	7.05
Beta	0.95	–	0.88
R-Squared	88.51	–	82.00
Standard Deviation	17.28	17.16	16.68
Sharpe Ratio	1.13	0.78	1.12
Tracking Error	5.93	–	7.43
Information Ratio	1.19	–	0.84
Up Capture Ratio	115.41	–	106.78
Down Capture Ratio	91.13	–	81.06

## Portfolio Metrics

	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

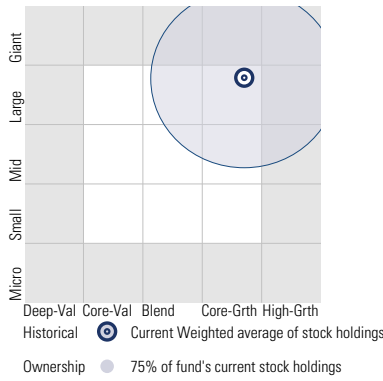
# Invesco Oppenheimer International Gr R6 OIGIX

**Morningstar Category**  
Foreign Large Growth

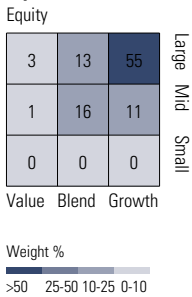
**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 12-31-2021

Morningstar Style Box™



## Style Breakdown

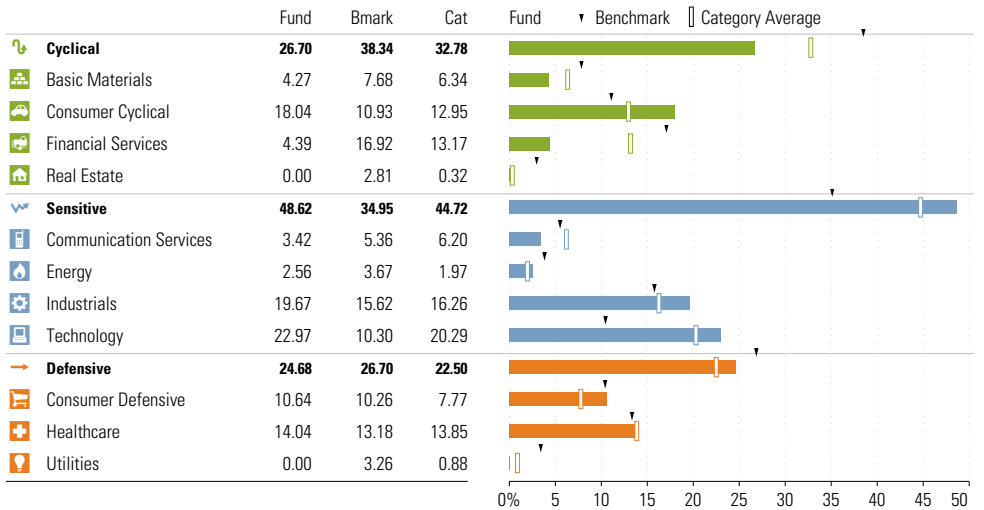


## Asset Allocation as of 12-31-2021



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



# Loomis Sayles Global Bond N LSGNX

**Morningstar Category**  
World Bond

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 21.35 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.64 is 28.09% lower than the World Bond category average.

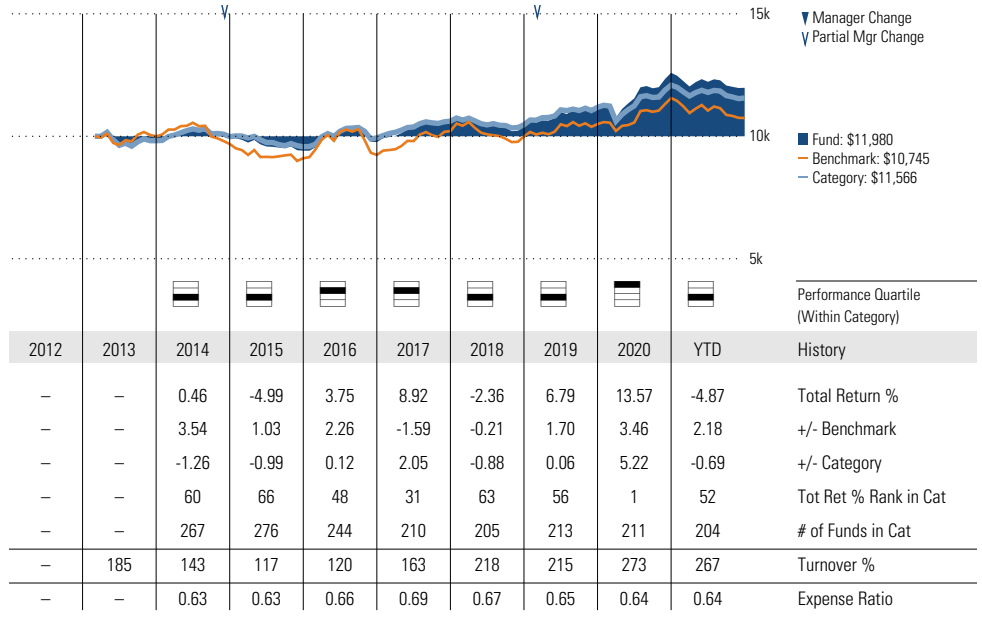
## Morningstar Investment Management LLC Analysis

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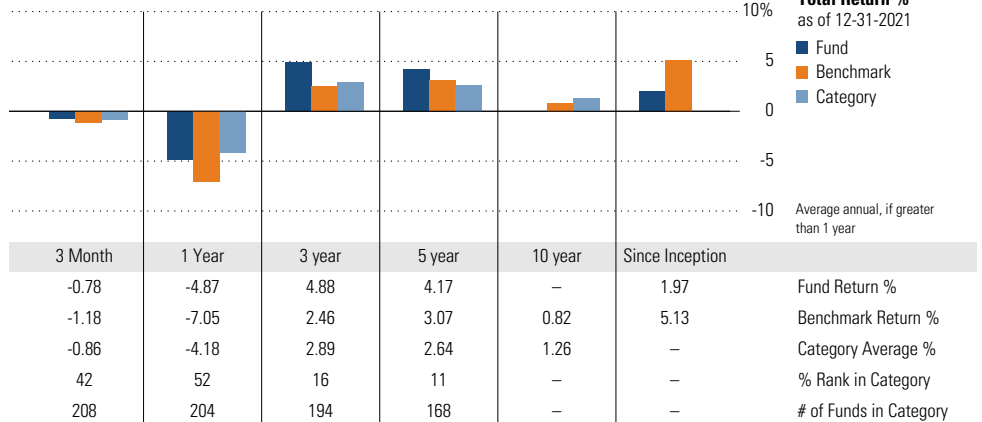
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2021

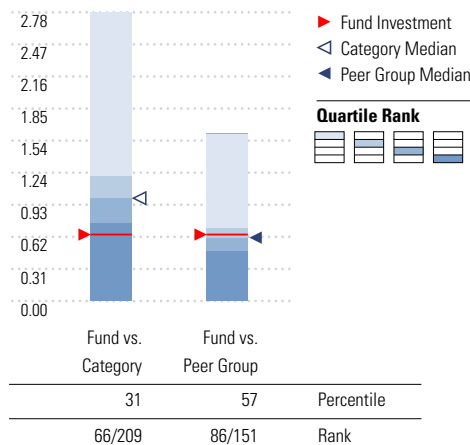
## Growth of \$10,000



## 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	2.55	-	0.88
Beta	0.92	-	0.86
R-Squared	89.16	-	69.35
Standard Deviation	5.64	5.80	6.20
Sharpe Ratio	0.72	0.30	0.37
Tracking Error	1.92	-	3.77
Information Ratio	1.26	-	0.25
Up Capture Ratio	107.70	-	89.99
Down Capture Ratio	76.96	-	79.70

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	6.40	-	6.15
Avg Eff Maturity	8.26	-	7.42

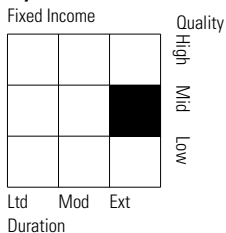
# Loomis Sayles Global Bond N LSGNX

**Morningstar Category**  
World Bond

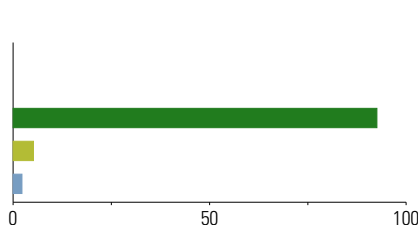
**Morningstar Index**  
BBgBarc Gbl Agg Ex USD TR USD

## Style Analysis as of 12-31-2021

### Style Breakdown



## Asset Allocation as of 12-31-2021

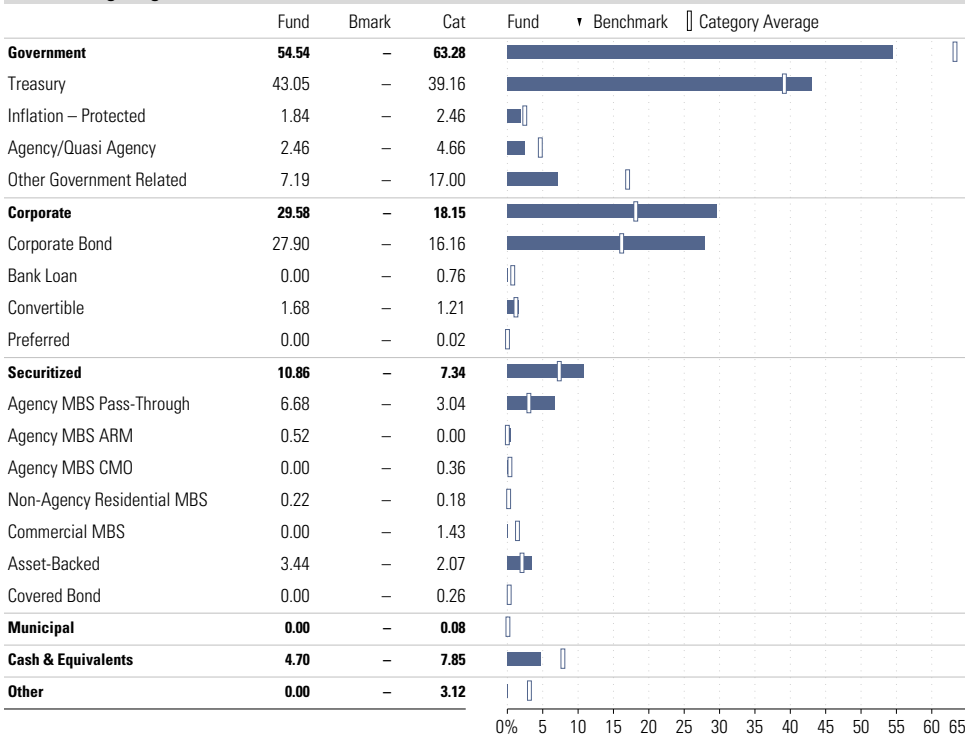


Asset Class	Net %	Cat%
US Stocks	0.00	0.26
Non-US Stocks	0.00	0.00
Bonds	92.57	90.01
Cash	5.18	3.07
Other	2.25	6.66
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	31.17	-	32.11
AA	7.77	-	12.58
A	24.46	-	20.46
BBB	26.17	-	21.43
BB	10.49	-	6.40
B	0.00	-	2.58
Below B	0.00	-	0.83
Not Rated	-0.06	-	3.60

## Sector Weighting as of 12-31-2021



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

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
Us 10yr Ultra Fut Mar22 Xcvt 20220322	03-2022	6.18	6.18	-
Japan (Government Of) 0.1%	12-2025	4.10	10.27	-
China (People's Republic Of) 1.99%	04-2025	2.69	12.97	-
⊕ Us 2yr Note (Cvt) Mar22 Xcvt 20220331	03-2022	2.52	15.49	-
China (People's Republic Of) 3.28%	12-2027	2.35	17.83	-
Italy (Republic Of) 1.35%	04-2030	2.26	20.10	-
Germany (Federal Republic Of) 0.01%	08-2026	2.17	22.27	-
China (People's Republic Of) 3.27%	11-2030	2.10	24.36	-
Australia (Commonwealth of) 0.5%	09-2026	2.05	26.41	-
Japan (Government Of) 0.1%	03-2029	2.03	28.44	-

### Total Holdings 321

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# PIMCO Commodity Real Ret Strat Instl PCRIX

**Morningstar Category**  
Commodities Broad Basket

**Morningstar Index**  
Bloomberg Commodity TR USD

## Portfolio Manager(s)

Nicholas Johnson since 01-2015  
Greg Sharenow since 11-2018  
Stephen Rodosky since 01-2019

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 7 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.82 is 22.64% lower than the Commodities Broad Basket category average.

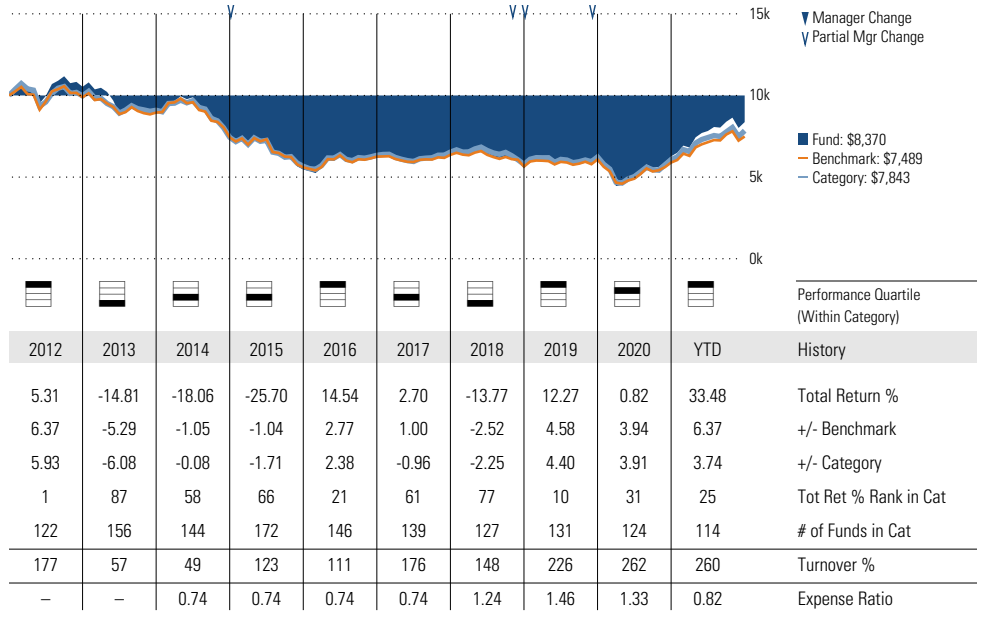
## Morningstar Investment Management LLC Analysis

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

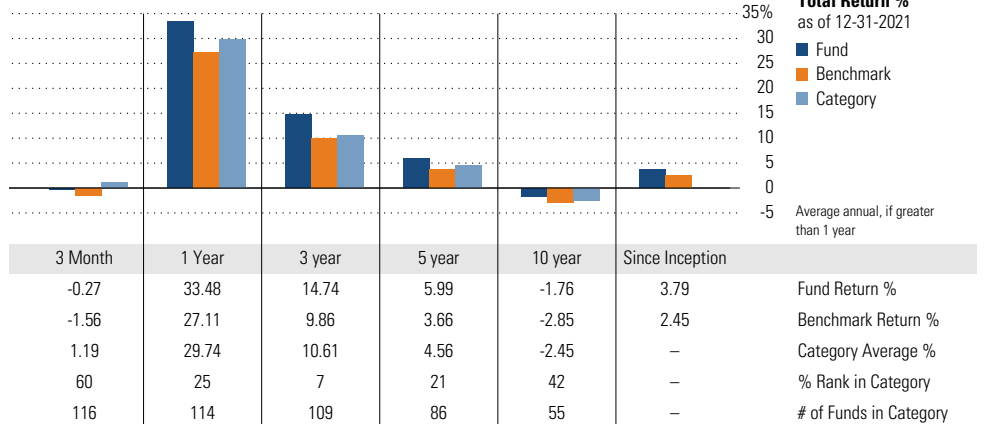
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	11-30-2021

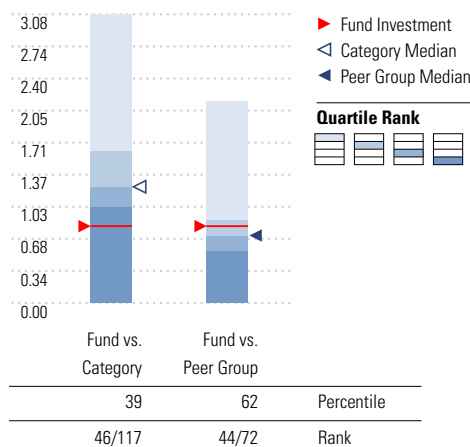
## Growth of \$10,000



## 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	2.98	-	0.78
Beta	1.19	-	1.09
R-Squared	96.65	-	85.54
Standard Deviation	18.67	15.46	18.55
Sharpe Ratio	0.79	0.63	0.64
Tracking Error	4.48	-	7.33
Information Ratio	1.09	-	0.31
Up Capture Ratio	121.02	-	109.45
Down Capture Ratio	106.31	-	107.62

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	12.32	-	14.38
Price/Book Ratio	1.51	-	1.78
Geom Avg Mkt Cap \$B	20.09	-	30.14
ROE	16.78	-	12.41

# PIMCO Commodity Real Ret Strat Instl PCRIX

**Morningstar Category**  
Commodities Broad Basket

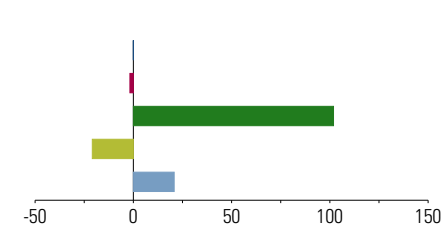
**Morningstar Index**  
Bloomberg Commodity TR USD

## Style Analysis as of 12-31-2021

Morningstar Style Box™

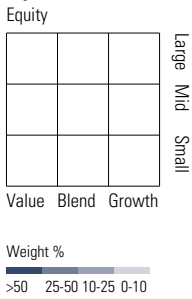


## Asset Allocation as of 12-31-2021

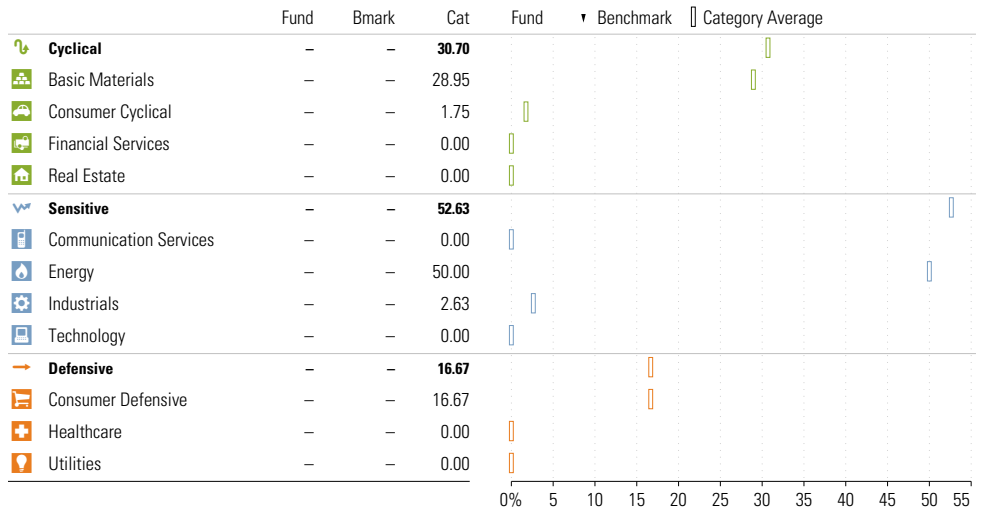


Asset Class	Net %	Cat%
US Stocks	0.01	2.20
Non-US Stocks	-1.75	0.58
Bonds	101.86	27.73
Cash	-20.89	64.46
Other	20.77	5.02
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Style Breakdown



## Sector Weighting as of 12-31-2021



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

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Pimco Cayman Cmnty Fd Ltd Instl	19.96	19.96	-	-
⊖ Euro Schatz Future Dec 21	17.46	37.42	-	-
⊕ 5 Year Treasury Note Future Dec 21	16.15	53.57	-	-
✳ Cash Offset	13.40	66.97	-	-
⊕ United States Treasury Notes 0.125%	13.36	80.33	-	-
⊕ 2 Year Treasury Note Future Dec 21	10.05	90.38	-	-
⊖ EUROPEAN MONETARY UNION EURO Sold	8.23	98.62	-	-
⊖ EUROPEAN MONETARY UNION EURO Purchased	8.23	106.85	-	-
⊕ United States Treasury Notes 0.125%	8.20	115.05	-	-
⊕ United States Treasury Notes 0.125%	7.81	122.86	-	-
⊕ United States Treasury Notes 0.625%	7.78	130.64	-	-
⊖ U S TIPS REV REPO	7.50	138.14	-	-
⊖ U S TIPS REV REPO	7.08	145.22	-	-
⊕ United States Treasury Notes 0.125%	6.35	151.57	-	-
⊖ U S TIPS REV REPO	5.83	157.39	-	-

**Total Holdings 768**

⊕ Increase ⊖ Decrease ✳ New to Portfolio

# PIMCO Diversified Inc Instl PDIIX

**Morningstar Category**  
Multisector Bond

**Morningstar Index**  
BBgBarc US Universal TR USD

## Portfolio Manager(s)

Eve Tournier since 03-2016  
Daniel Ivascyn since 05-2016  
Alfred Murata since 05-2016  
Sonalı Pier since 02-2017

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 5.81 years.

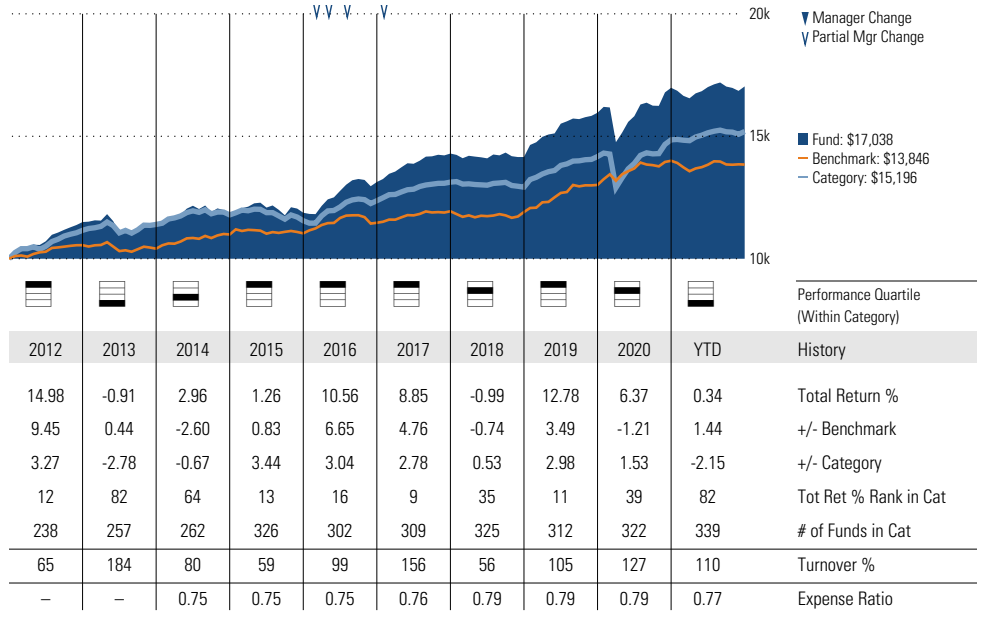
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.77 is 22.22% lower than the Multisector Bond category average.

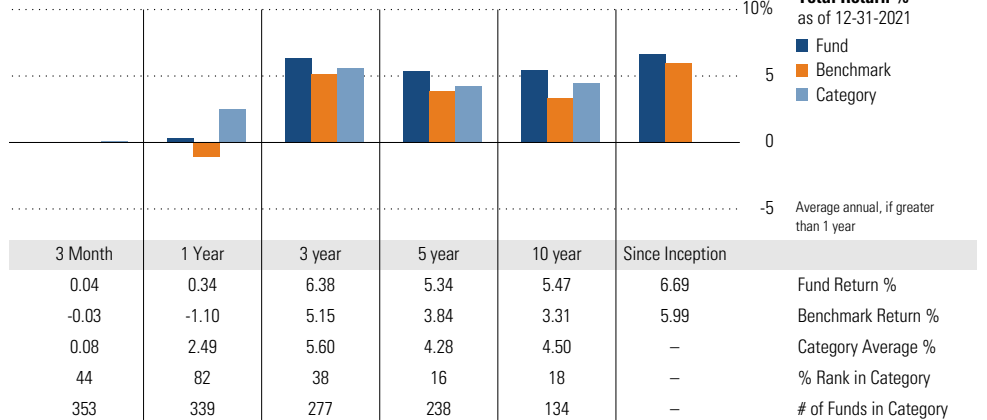
## Morningstar Investment Management LLC Analysis

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

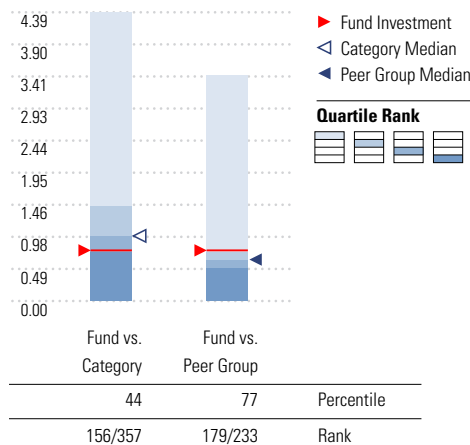
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.84	-	-0.62
Beta	1.43	-	1.30
R-Squared	51.10	-	36.86
Standard Deviation	6.97	3.48	7.81
Sharpe Ratio	0.81	1.25	0.74
Tracking Error	5.10	-	6.45
Information Ratio	0.24	-	0.14
Up Capture Ratio	132.74	-	117.35
Down Capture Ratio	150.89	-	129.26

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	5.84	4.55	3.70
Avg Eff Maturity	9.27	7.69	5.65

# PIMCO Diversified Inc Instl PDIIX

**Morningstar Category**  
Multisector Bond

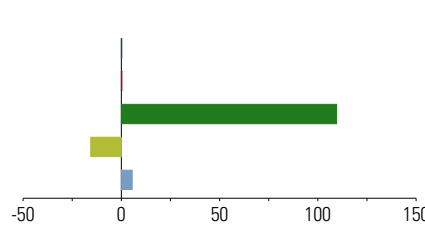
**Morningstar Index**  
BBgBarc US Universal TR USD

## Style Analysis as of 12-31-2021

### Style Breakdown



## Asset Allocation as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	0.24	1.82
Non-US Stocks	0.28	0.08
Bonds	109.53	94.74
Cash	-15.57	-0.99
Other	5.52	4.37
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	9.00	67.64	21.31
AA	8.00	3.23	3.72
A	11.00	10.03	6.97
BBB	35.00	10.89	21.79
BB	17.00	3.19	19.68
B	11.00	3.64	14.96
Below B	9.00	1.38	5.48
Not Rated	0.00	0.00	6.08

## Sector Weighting as of 12-31-2021

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Government</b>	<b>27.71</b>	-	<b>13.99</b>			
Treasury	19.84	-	10.15			
Inflation – Protected	0.00	-	0.39			
Agency/Quasi Agency	2.37	-	1.15			
Other Government Related	5.50	-	2.30			
<b>Corporate</b>	<b>35.92</b>	-	<b>41.61</b>			
Corporate Bond	30.01	-	34.12			
Bank Loan	2.78	-	3.97			
Convertible	2.59	-	2.83			
Preferred	0.54	-	0.69			
<b>Securitized</b>	<b>7.34</b>	-	<b>26.46</b>			
Agency MBS Pass-Through	2.49	-	6.90			
Agency MBS ARM	0.00	-	0.00			
Agency MBS CMO	0.01	-	1.64			
Non-Agency Residential MBS	1.26	-	1.86			
Commercial MBS	0.18	-	4.16			
Asset-Backed	3.40	-	11.88			
Covered Bond	0.00	-	0.02			
<b>Municipal</b>	<b>0.04</b>	-	<b>0.40</b>			
<b>Cash &amp; Equivalents</b>	<b>6.31</b>	-	<b>8.86</b>			
<b>Other</b>	<b>21.77</b>	-	<b>8.46</b>			

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

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
✳ Cash Offset	-	19.98	19.98	-
⊖ Pimco Fds	01-2022	7.88	27.86	-
⊕ CDX HY36 5Y ICE	06-2026	6.69	34.55	-
⊖ EUROPEAN MONETARY UNION EURO Sold	11-2021	5.09	39.64	-
⊖ EUROPEAN MONETARY UNION EURO Purchased	11-2021	5.09	44.73	-
✳ Offset: Unsettled Trades	-	4.12	48.85	-
⊕ CDX IG37 5Y ICE	12-2026	3.90	52.75	-
⊖ BRITISH POUND STERLING Sold	11-2021	3.01	55.77	-
⊖ BRITISH POUND STERLING Purchased	11-2021	3.01	58.78	-
⊕ Euro Bund Future Dec 21	12-2021	2.51	61.29	-

**Total Holdings 2520**

⊕ Increase ⊖ Decrease ✳ New to Portfolio

# PIMCO Short-Term Instl PTSHX

**Morningstar Category**  
Ultrashort Bond

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

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

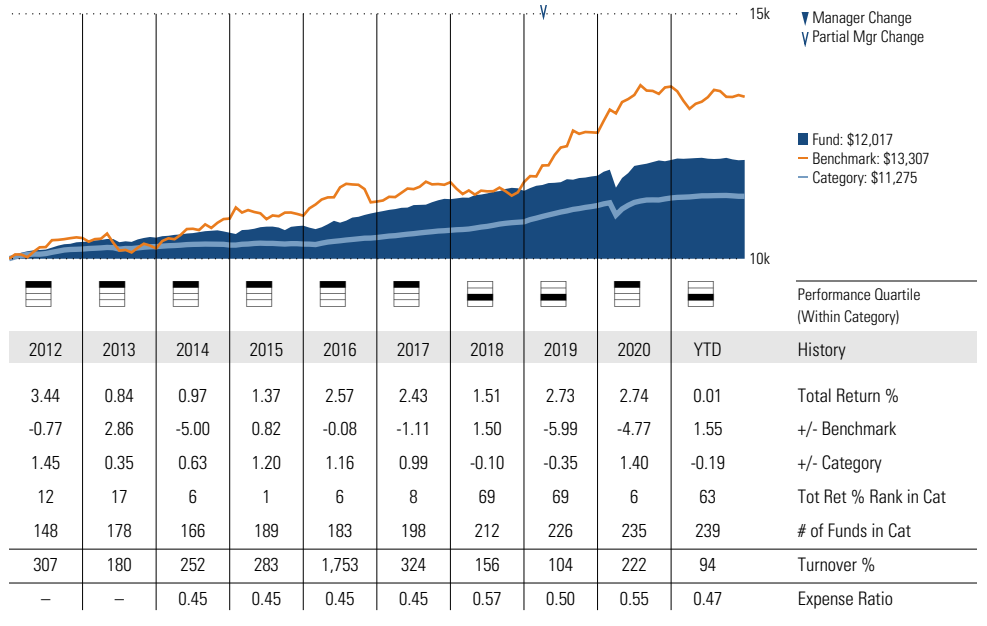
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.47 is 6.82% higher than the Ultrashort Bond category average.

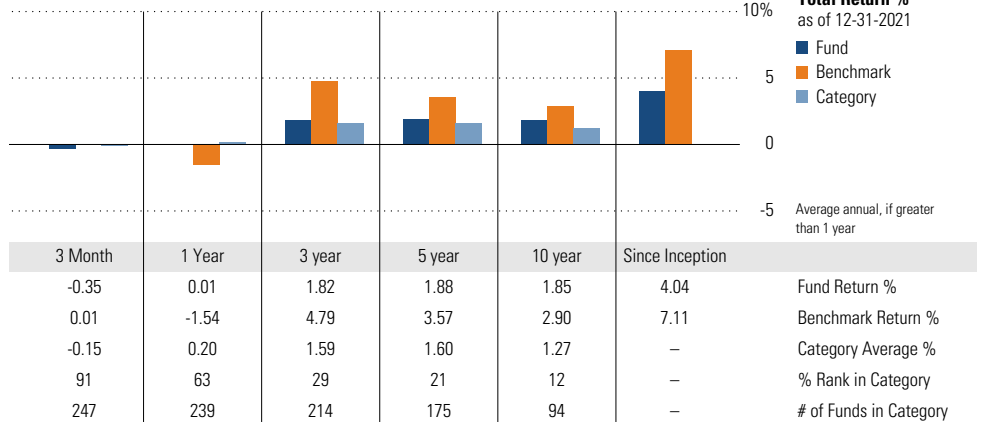
## Morningstar Investment Management LLC Analysis

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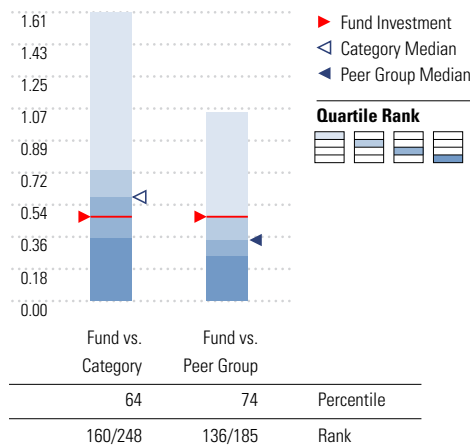
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.97	-	0.69
Beta	0.18	-	0.18
R-Squared	6.76	-	15.42
Standard Deviation	2.36	3.40	1.81
Sharpe Ratio	0.42	1.18	0.41
Tracking Error	3.60	-	3.44
Information Ratio	-0.83	-	-0.99
Up Capture Ratio	30.44	-	26.44
Down Capture Ratio	15.51	-	16.05

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	0.26	4.43	0.59
Avg Eff Maturity	0.09	-	2.49

# PIMCO Short-Term Instl PTSHX

**Morningstar Category**  
Ultrashort Bond

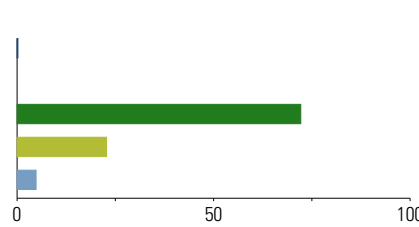
**Morningstar Index**  
BBgBarc US Agg Bond TR USD

## Style Analysis as of 12-31-2021

### Style Breakdown



## Asset Allocation as of 12-31-2021

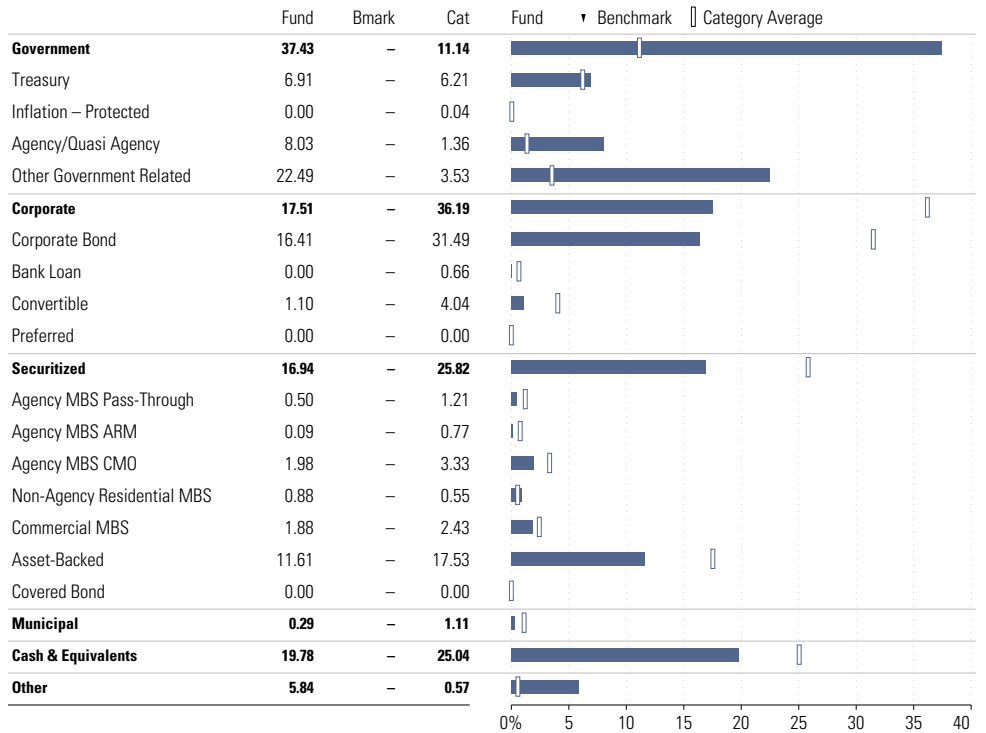


Asset Class	Net %	Cat%
US Stocks	0.21	0.00
Non-US Stocks	0.00	0.00
Bonds	72.18	71.19
Cash	22.76	24.31
Other	4.83	4.50
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	28.00	3.53	42.54
AA	9.00	74.59	5.49
A	29.00	10.82	15.78
BBB	25.00	8.32	21.73
BB	7.00	0.28	1.74
B	2.00	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
⊖ 5 Year Treasury Note Future Dec 21	01-2022	20.64	20.64	-
⊕ 3 Month Canadian Bankers' Acceptance Future Dec 22	12-2022	19.88	40.52	-
⊖ Pimco Fds	01-2022	16.42	56.93	-
⊖ 2 Year Treasury Note Future Dec 21	01-2022	15.52	72.45	-
✱ Cash Offset	-	14.12	86.58	-
⊕ United States Treasury Notes 0.375%	09-2024	10.89	97.47	-
⊕ 3 Month Canadian Bankers' Acceptance Future Mar 23	03-2023	9.47	106.94	-
✱ Offset: Unsettled Trades	-	5.69	112.63	-
⊕ IRS USD R 3ML/1ML+9.75 01/13/22-23 CME Pay	01-2023	4.75	117.38	-
⊕ IRS USD R 3ML/1ML+9.75 01/13/22-23 CME Receive	01-2023	4.74	122.12	-

**Total Holdings 1238**

⊕ 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.

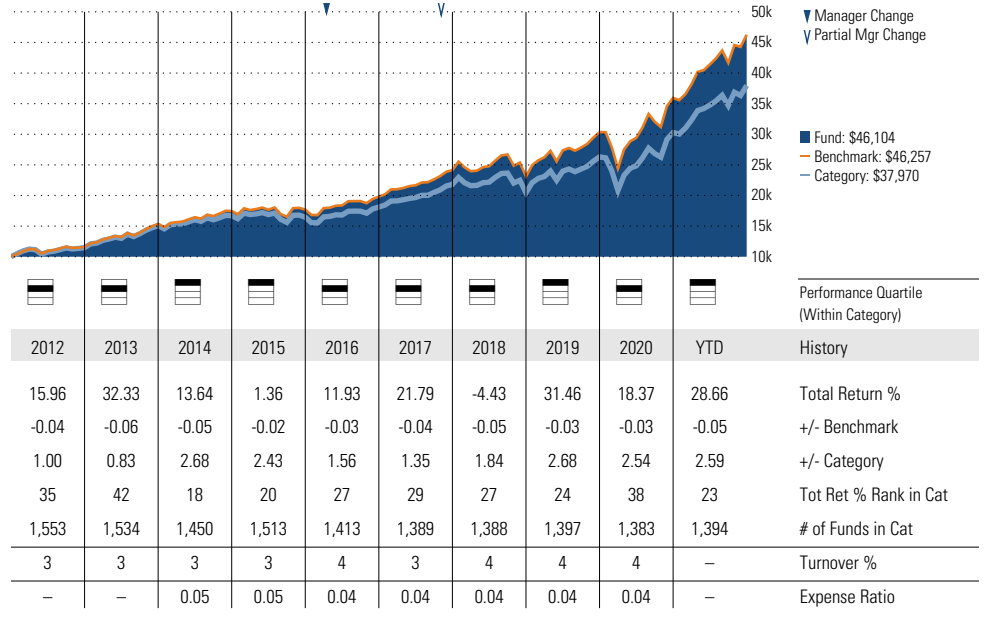
## Morningstar Investment Management LLC Analysis

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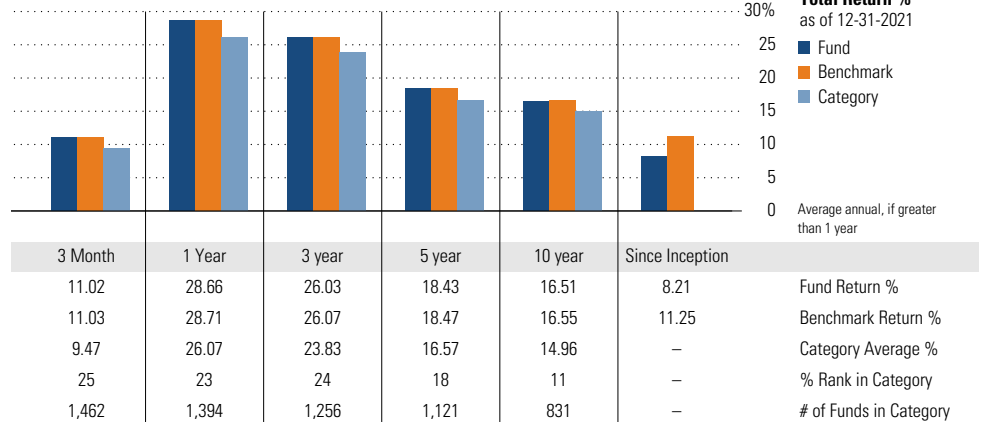
## ESG Metrics

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

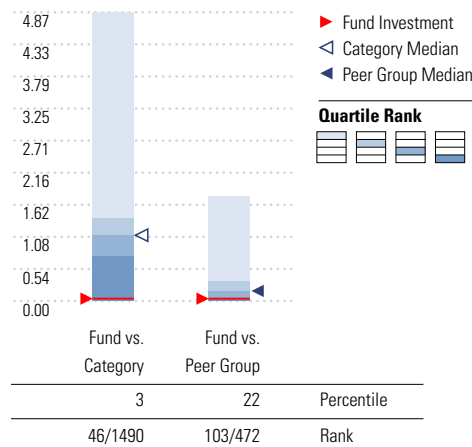
## Growth of \$10,000



## 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

	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

	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

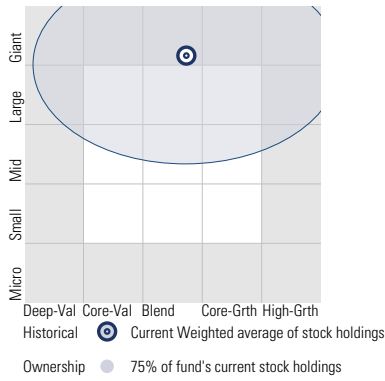
# Vanguard 500 Index Admiral VFIAX

**Morningstar Category**  
Large Blend

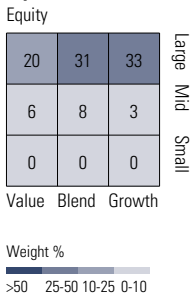
**Morningstar Index**  
S&P 500 TR USD

## Style Analysis as of 12-31-2021

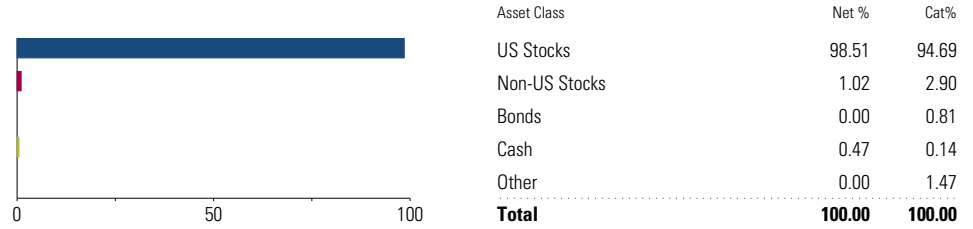
Morningstar Style Box™



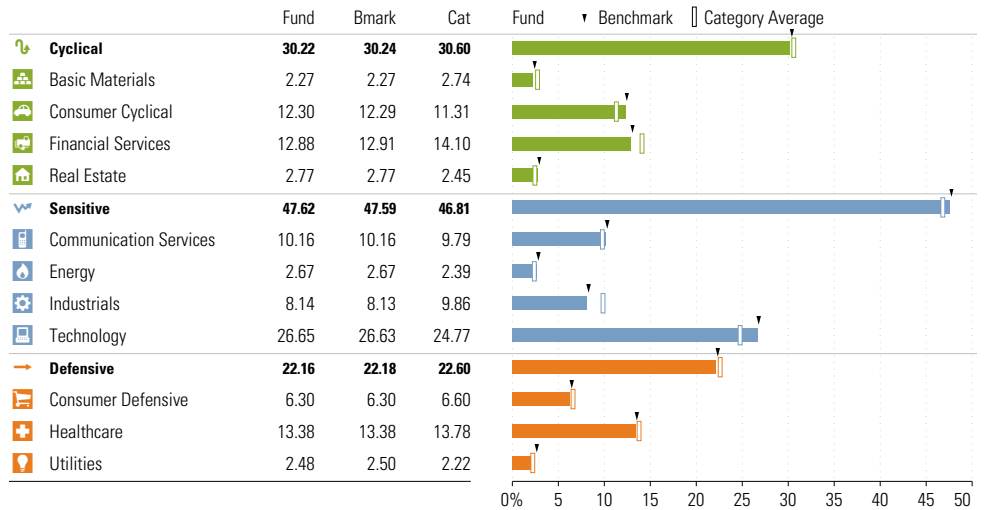
## Style Breakdown



## 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 Developed Markets Index Admiral VTMGX

**Morningstar Category**  
Foreign Large Blend

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 8.86 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.07 is 92.55% lower than the Foreign Large Blend category average.

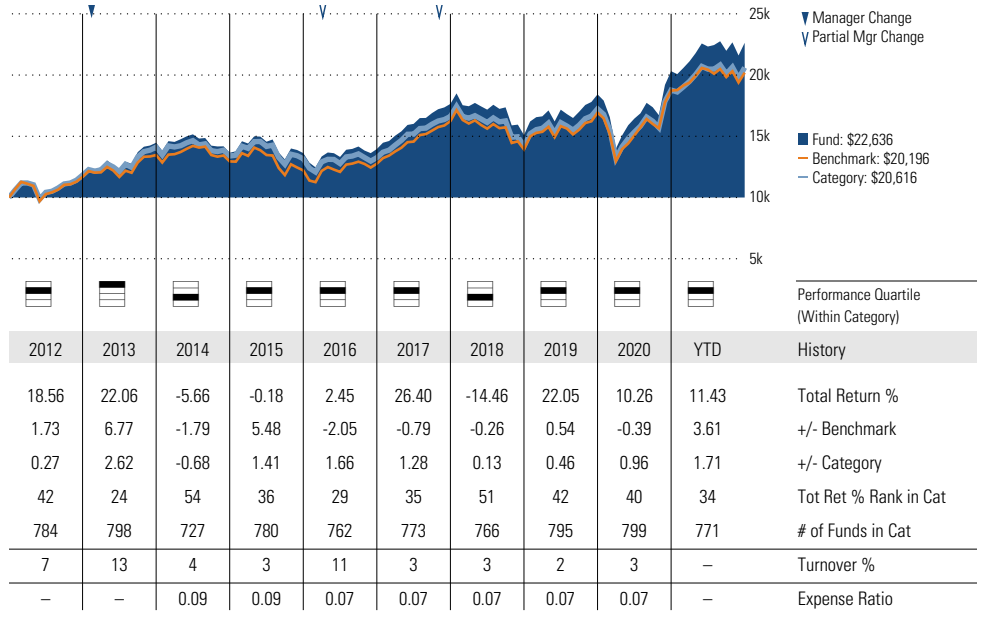
## Morningstar Investment Management LLC Analysis

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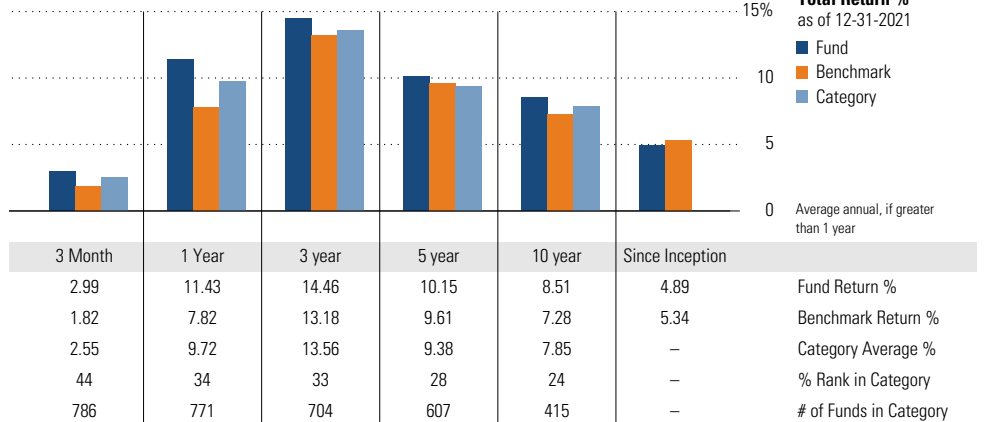
## ESG Metrics

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

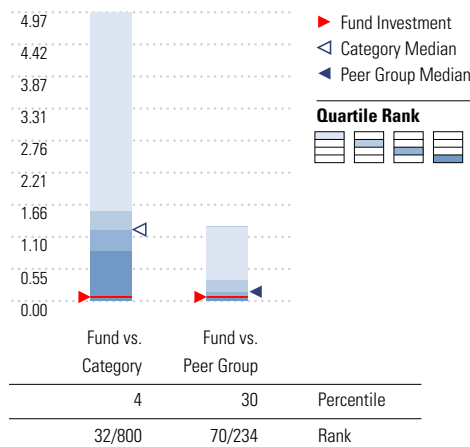
## Growth of \$10,000



## 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	0.81	-	0.94
Beta	1.03	-	1.00
R-Squared	96.86	-	94.25
Standard Deviation	17.89	17.03	17.48
Sharpe Ratio	0.80	0.76	0.80
Tracking Error	3.22	-	4.25
Information Ratio	0.40	-	0.25
Up Capture Ratio	104.35	-	101.95
Down Capture Ratio	100.77	-	98.67

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	15.59	15.08	16.26
Price/Book Ratio	1.74	1.88	1.95
Geom Avg Mkt Cap \$B	31.48	47.47	56.01
ROE	16.71	17.76	18.41

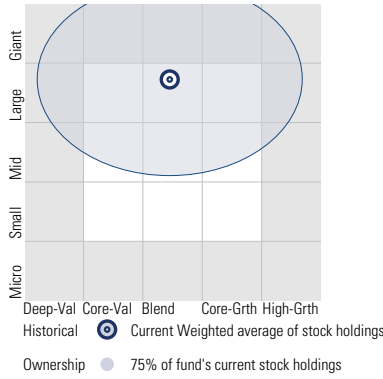
# Vanguard Developed Markets Index Admiral VTMGX

**Morningstar Category**  
Foreign Large Blend

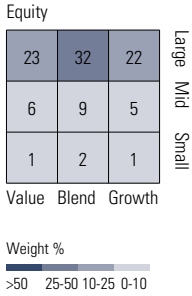
**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Style Analysis as of 12-31-2021

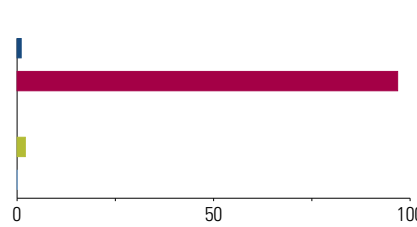
Morningstar Style Box™



## Style Breakdown

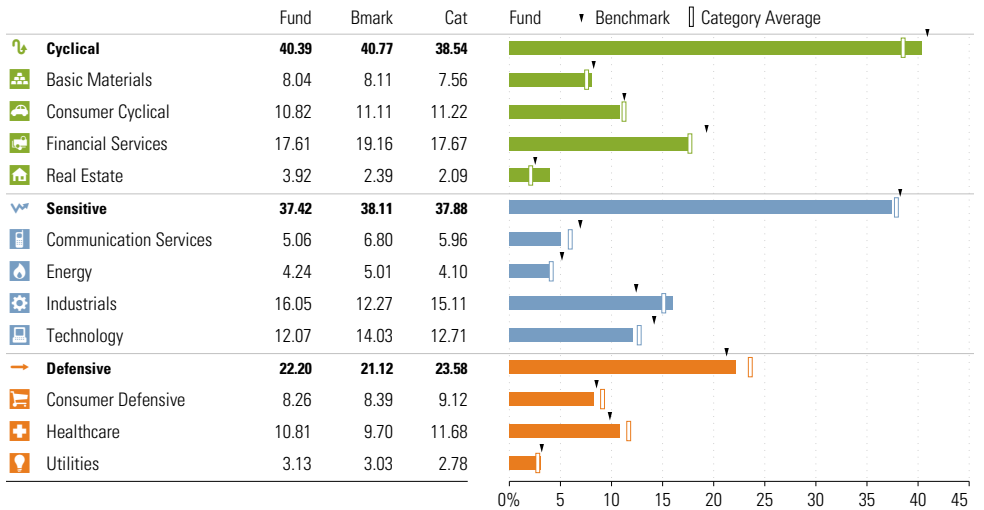


## Asset Allocation as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	1.04	2.90
Non-US Stocks	96.83	95.06
Bonds	0.00	0.37
Cash	2.09	0.99
Other	0.04	0.66
<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 %	Region	Fund %
Greater Asia	35.47	35.68	Americas	10.54	8.02	Greater Europe	53.99	56.30	Market Maturity	Fund %
Japan	20.42	19.04	North America	10.43	7.05	United Kingdom	12.03	12.54	Developed Markets	99.21
Australasia	6.60	4.55	Central/Latin	0.11	0.97	W euro-ex UK	40.95	42.20	Emerging Markets	0.79
Asia-4 Tigers	8.14	6.95				Emrgng Europe	0.36	0.63	Not Available	0.00
Asia-ex 4 Tigers	0.31	5.14				Africa	0.65	0.93		
Not Classified	0.00	0.00								

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

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Nestle SA	1.58	1.58	23.95	Consumer Defensive
⊖ Slcmt1142	1.44	3.03	-	-
⊖ ASML Holding NV	1.29	4.31	78.48	Technology
⊕ Samsung Electronics Co Ltd	1.25	5.56	-	Technology
⊕ Roche Holding AG	1.16	6.72	24.60	Healthcare
⊕ Toyota Motor Corp	0.94	7.66	34.86	Consumer Cyclical
⊕ LVMH Moet Hennessy Louis Vuitton SE	0.85	8.51	43.67	Consumer Cyclical
⊖ Novartis AG	0.75	9.26	-1.70	Healthcare
⊕ AstraZeneca PLC	0.75	10.01	21.25	Healthcare
⊕ Novo Nordisk A/S Class B	0.74	10.74	73.87	Healthcare

**Total Holdings 4127**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard Equity-Income Adm VEIRX

**Morningstar Category**  
Large Value

**Morningstar Index**  
Russell 1000 Value TR USD

## Portfolio Manager(s)

W. Michael Reckmeyer since 08-2007  
Sharon Hill since 02-2021  
Matthew Hand since 10-2021

## Quantitative Screens

✔ **Performance:** The fund has finished in the Large Value 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 14.39 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 0.19 is 79.57% lower than the Large Value category average.

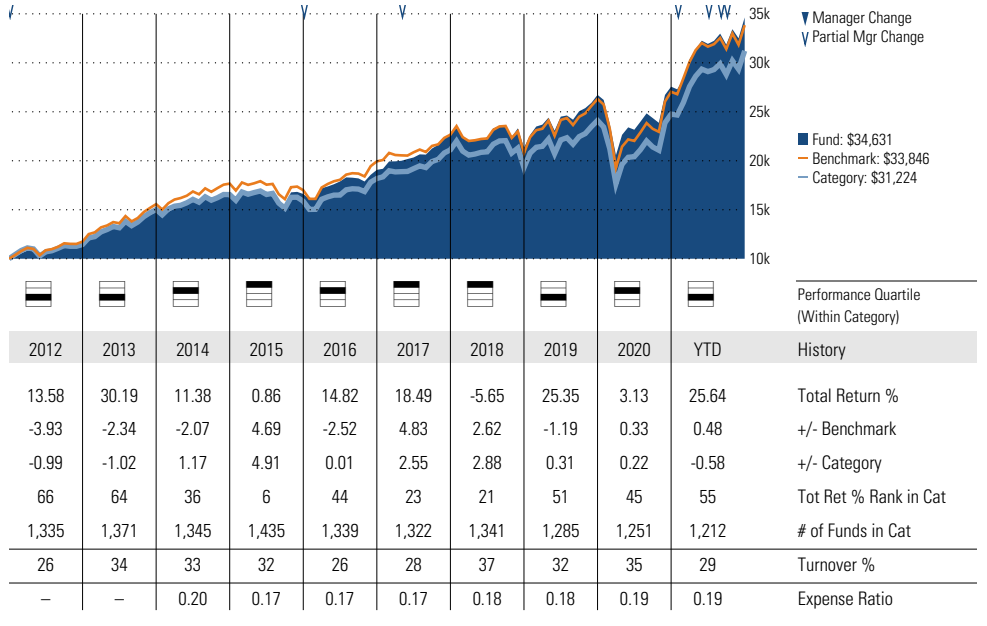
## Morningstar Investment Management LLC Analysis

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.

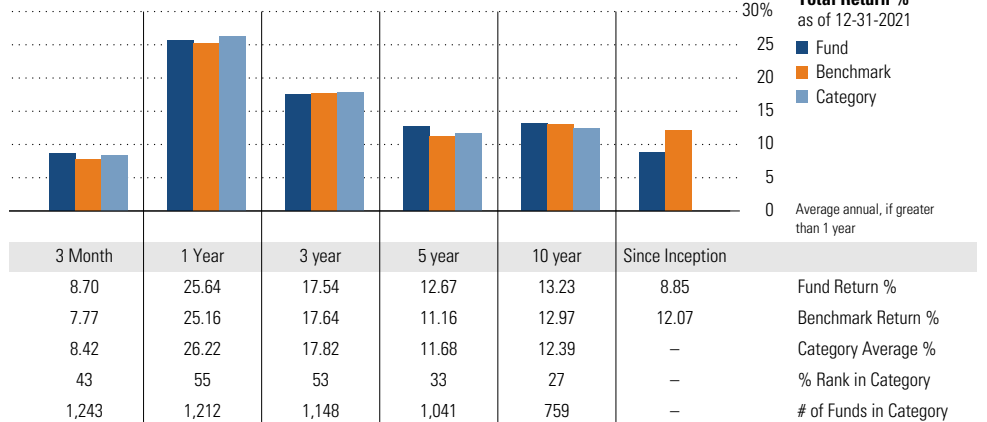
## ESG Metrics

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

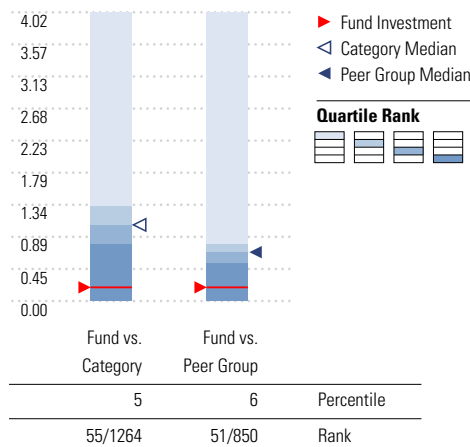
## Growth of \$10,000



## 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

	Fund	Bmark	Cat
Alpha	1.90	-	0.36
Beta	0.87	-	0.99
R-Squared	98.21	-	95.52
Standard Deviation	16.89	19.33	19.52
Sharpe Ratio	0.99	0.90	0.90
Tracking Error	3.44	-	4.42
Information Ratio	-0.03	-	0.01
Up Capture Ratio	92.23	-	99.01
Down Capture Ratio	86.28	-	97.88

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.47	18.35	17.61
Price/Book Ratio	2.74	2.56	2.77
Geom Avg Mkt Cap \$B	110.32	78.33	125.20
ROE	26.73	17.59	24.57

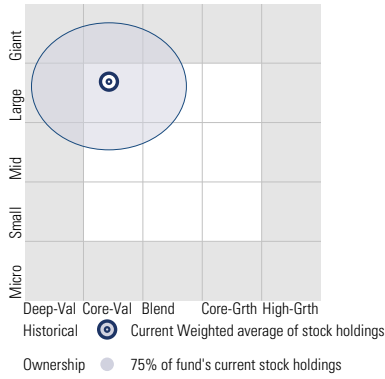
# Vanguard Equity-Income Adm VEIRX

**Morningstar Category**  
Large Value

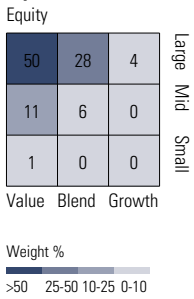
**Morningstar Index**  
Russell 1000 Value TR USD

## Style Analysis as of 12-31-2021

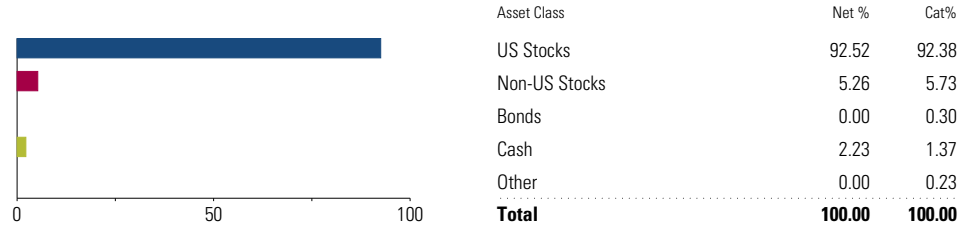
Morningstar Style Box™



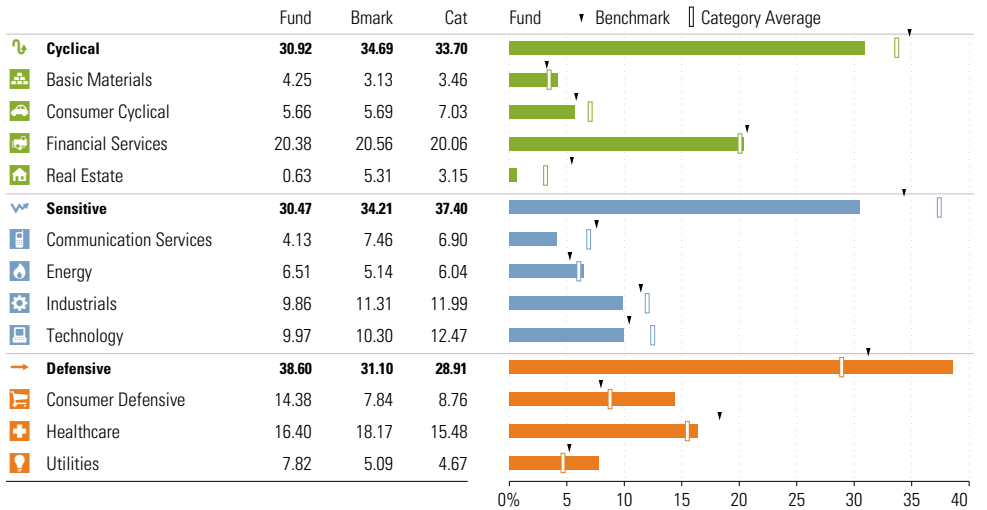
## Style Breakdown



## Asset Allocation as of 12-31-2021



## Sector Weighting as of 12-31-2021



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

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ JPMorgan Chase & Co	3.47	3.47	27.53	Financial Services
⊖ Johnson & Johnson	3.42	6.89	11.36	Healthcare
⊖ Procter & Gamble Co	2.84	9.72	20.01	Consumer Defensive
⊖ Bank of America Corp	2.79	12.51	49.36	Financial Services
⊖ Cisco Systems Inc	2.64	15.15	44.89	Technology
⊕ Pfizer Inc	2.62	17.76	64.66	Healthcare
⊕ Morgan Stanley	2.08	19.84	46.30	Financial Services
⊕ Comcast Corp Class A	2.03	21.87	-2.08	Communication Svc
⊖ Eli Lilly and Co	1.90	23.77	65.61	Healthcare
⊖ The Home Depot Inc	1.86	25.62	58.73	Consumer Cyclical
⊕ MetLife Inc	1.63	27.25	37.15	Financial Services
⊖ Merck & Co Inc	1.63	28.88	-0.68	Healthcare
⊕ Chubb Ltd	1.62	30.49	27.66	Financial Services
⊖ Philip Morris International Inc	1.56	32.05	20.67	Consumer Defensive
⊖ Mktliq 12/31/2049	1.42	33.47	-	-

**Total Holdings 199**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Inflation-Protected Secs Adm VAIPX

**Morningstar Category**  
Inflation-Protected Bond

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

## Portfolio Manager(s)

Gemma Wright-Casparius since 08-2011  
John Madziyire since 11-2021

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 10.38 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.1 is 83.61% lower than the Inflation-Protected Bond category average.

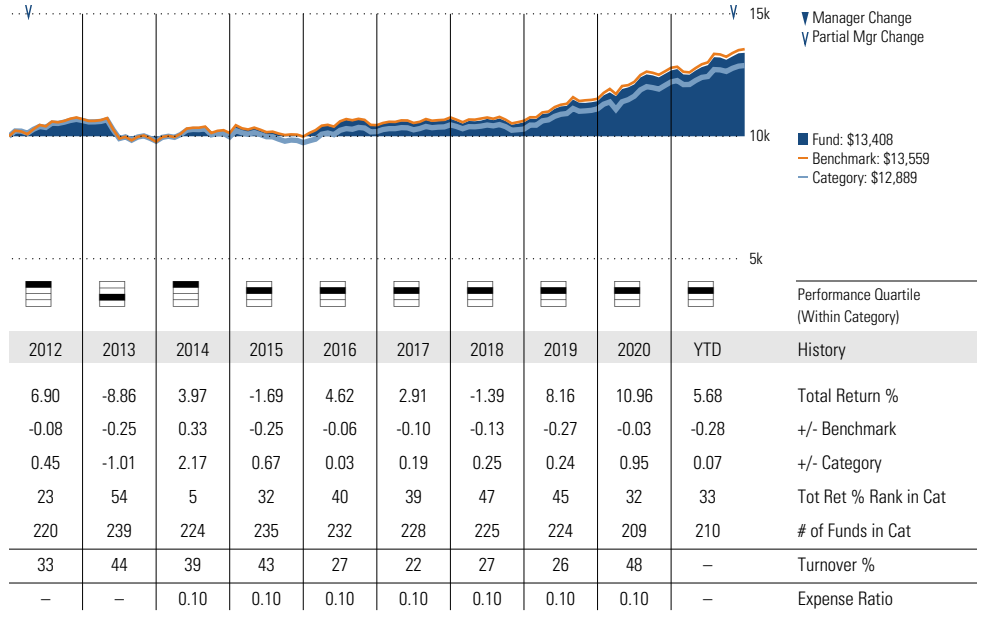
## Morningstar Investment Management LLC Analysis

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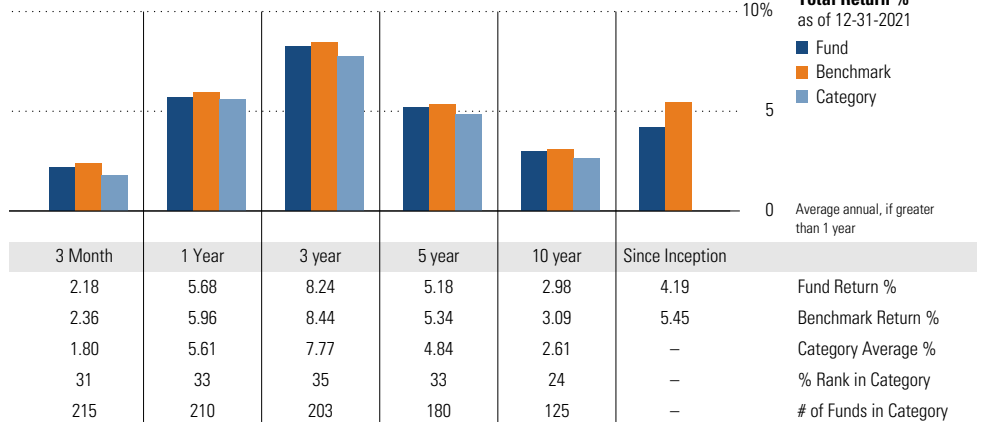
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2021

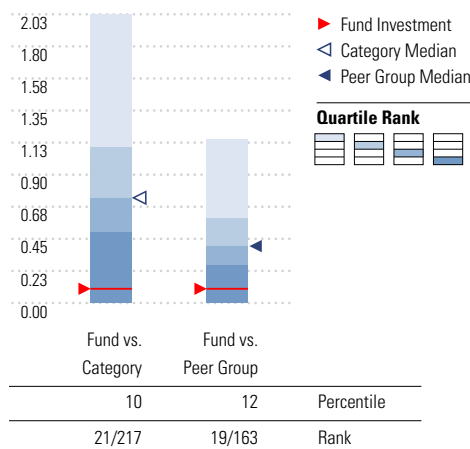
## Growth of \$10,000



## 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

	Fund	Bmark	Cat
Alpha	0.31	-	-0.07
Beta	0.94	-	0.90
R-Squared	98.32	-	76.48
Standard Deviation	3.69	3.90	4.22
Sharpe Ratio	1.95	1.90	1.65
Tracking Error	0.53	-	2.21
Information Ratio	-0.37	-	-0.60
Up Capture Ratio	96.00	-	90.34
Down Capture Ratio	89.87	-	95.16

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	7.50	4.52	6.06
Avg Eff Maturity	7.90	-	7.06

# Vanguard Inflation-Protected Secs Adm VAIPX

**Morningstar Category**  
Inflation-Protected Bond

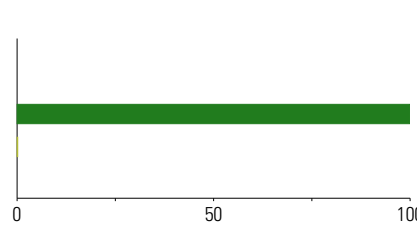
**Morningstar Index**  
BBgBarc US Treasury US TIPS TR USD

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

**Style Breakdown**



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

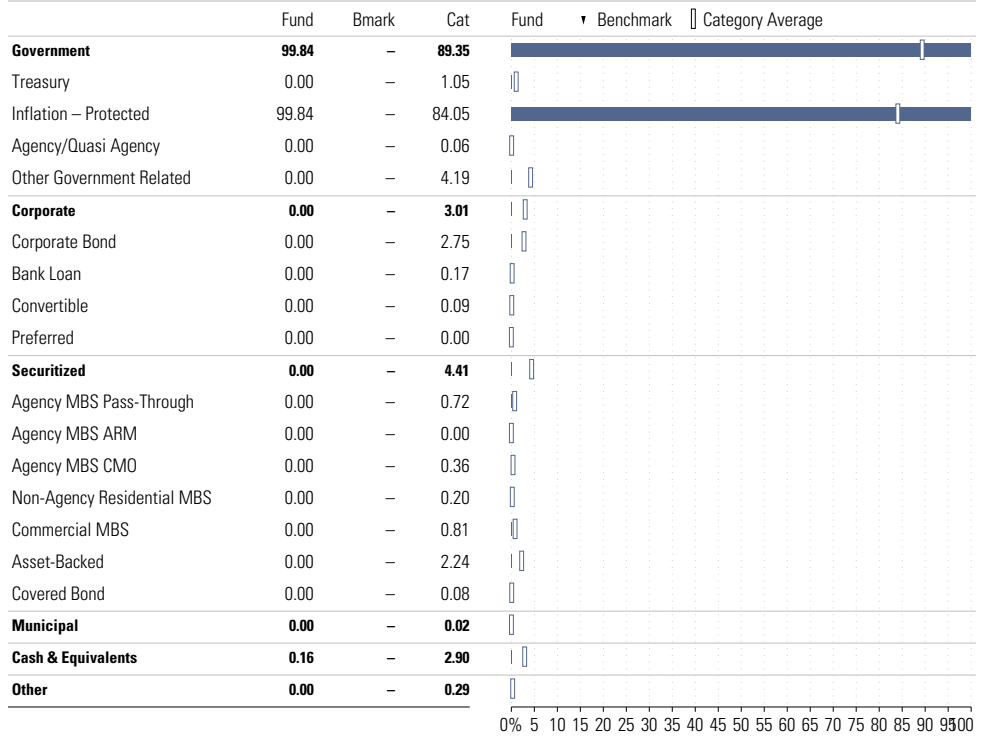


Asset Class	Net %	Cat%
US Stocks	0.00	0.05
Non-US Stocks	0.00	0.00
Bonds	99.84	99.03
Cash	0.16	0.24
Other	0.00	0.67
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Credit Rating Breakdown**

	Fund	Bmark	Cat
AAA	99.85	0.00	89.25
AA	0.00	99.60	6.41
A	0.00	0.00	1.27
BBB	0.00	0.00	1.83
BB	0.00	0.00	0.28
B	0.00	0.00	0.10
Below B	0.00	0.00	0.06
Not Rated	0.15	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	-	6.07	6.07	-
⊕ United States Treasury Notes	-	3.92	9.98	-
⊕ United States Treasury Notes	-	3.89	13.88	-
⊕ United States Treasury Notes	-	3.55	17.43	-
⊕ United States Treasury Notes	-	3.48	20.92	-
⊕ United States Treasury Notes	-	3.32	24.24	-
⊕ United States Treasury Notes	-	3.17	27.41	-
United States Treasury Notes	-	3.15	30.57	-
United States Treasury Notes	-	3.08	33.64	-
⊕ United States Treasury Notes	-	2.87	36.51	-

**Total Holdings** 47

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# Vanguard LifeStrategy Cnsvr Gr Inv VSCGX

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

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

## Portfolio Manager(s)

Management Team since 09-1994

## Quantitative Screens

✔ **Performance:** The fund has finished in the Allocation--30% to 50% Equity category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 27.27 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.12 is 87.63% lower than the Allocation--30% to 50% Equity category average.

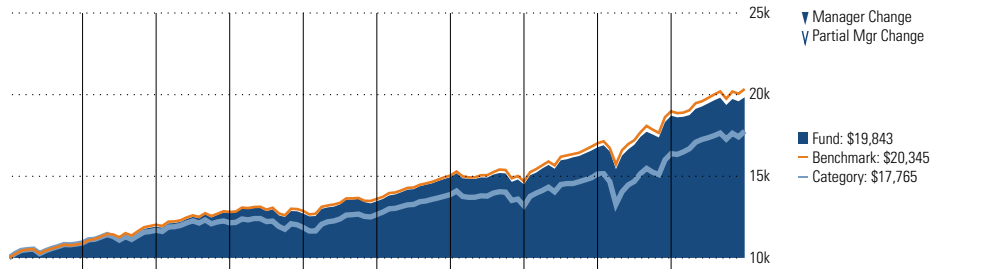
## Morningstar Investment Management LLC Analysis

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## ESG Metrics

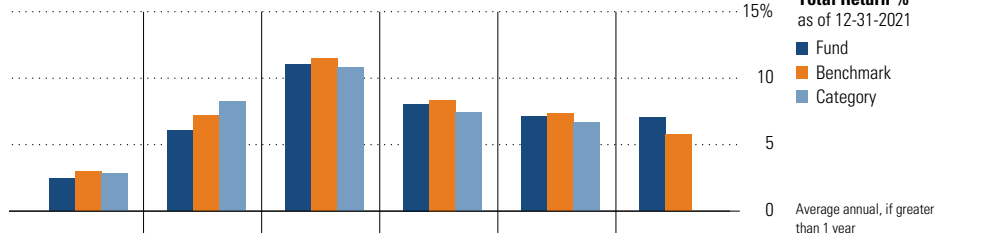
Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021

## Growth of \$10,000



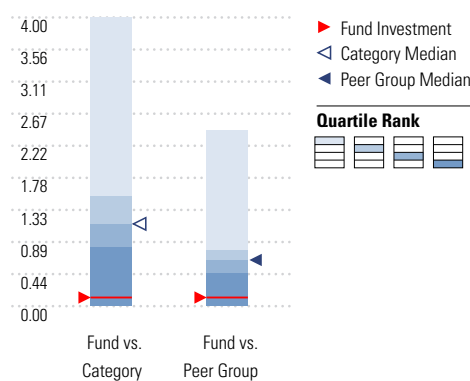
	2012	2013	2014	2015	2016	2017	2018	2019	2020	YTD	Performance Quartile (Within Category)
	9.19	9.08	6.95	-0.17	5.96	10.92	-2.95	15.68	11.51	6.05	History
	0.29	-1.39	0.40	-0.62	0.19	0.41	-0.54	-0.21	0.00	-1.14	Total Return %
	-0.21	1.85	2.93	2.15	-0.66	1.06	2.09	0.87	2.65	-2.19	+/- Benchmark
	57	33	9	12	54	30	14	36	27	85	+/- Category
	502	559	543	595	561	545	562	535	499	504	Tot Ret % Rank in Cat
	15	19	15	16	9	6	11	9	23	5	# of Funds in Cat
	-	-	-	-	-	-	-	-	-	-	Turnover %
	-	-	-	-	-	-	-	-	-	-	Expense Ratio

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	
	2.46	6.05	11.01	8.05	7.09	7.07	Fund Return %
	2.99	7.19	11.47	8.36	7.36	5.75	Benchmark Return %
	2.82	8.24	10.82	7.41	6.66	-	Category Average %
	62	85	48	31	33	-	% Rank in Category
	513	504	466	428	284	-	# of Funds in Category

## Net Expense



	1	2	Percentile
	6/517	8/411	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	-0.52	-	-2.54
Beta	1.01	-	1.19
R-Squared	99.20	-	92.13
Standard Deviation	7.46	7.36	9.15
Sharpe Ratio	1.33	1.40	1.10
Tracking Error	0.67	-	3.09
Information Ratio	-0.69	-	-0.30
Up Capture Ratio	97.66	-	105.92
Down Capture Ratio	100.75	-	128.67

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	19.21	20.81	21.38
Price/Book Ratio	2.74	3.12	3.36
Avg Eff Duration	7.35	6.36	5.15

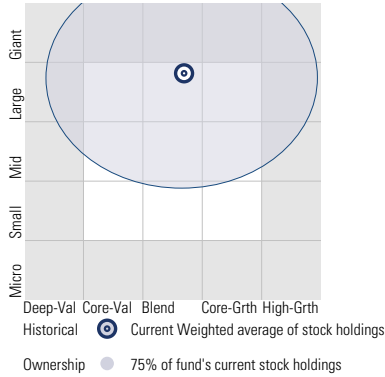
# Vanguard LifeStrategy Cnsvr Gr Inv VSCGX

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

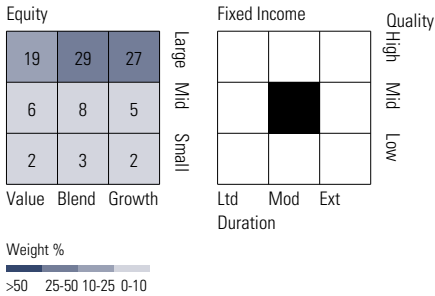
**Morningstar Index**  
Morningstar US Mod Con Tgt Alloc NR  
USD

## Style Analysis as of 12-31-2021

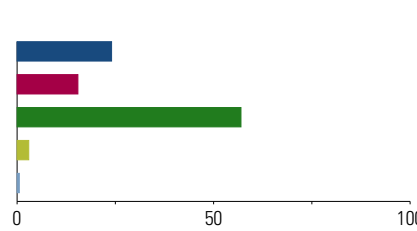
Morningstar Style Box™



## Style Breakdown

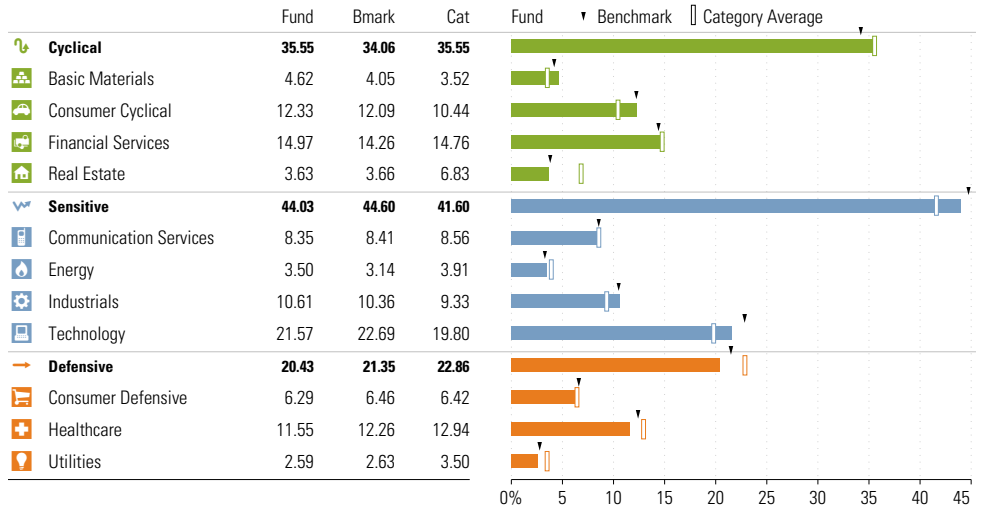


## Asset Allocation as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	24.04	29.16
Non-US Stocks	15.47	7.43
Bonds	56.96	51.93
Cash	2.96	6.46
Other	0.56	5.03
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2021



## Top 7 Holdings as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Bond Market II Idx Inv	—	41.18	41.18	—	—
⊖ Vanguard Total Stock Mkt Idx Inv	—	24.28	65.47	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	15.85	81.32	—	—
⊕ Vanguard Total Intl Bd Idx Investor	—	15.81	97.13	—	—
⊕ Vanguard Total Intl Bd II Idx Investor	—	1.74	98.87	—	—
⊖ Mktliq 12/31/2049	—	1.13	100.00	—	—
⊕ Us Dollar	—	0.00	100.00	—	—

## Total Holdings 7

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard LifeStrategy Growth Inv VASGX

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

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

## Portfolio Manager(s)

Management Team since 09-1994

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 27.27 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.14 is 86.54% lower than the Allocation--70% to 85% Equity category average.

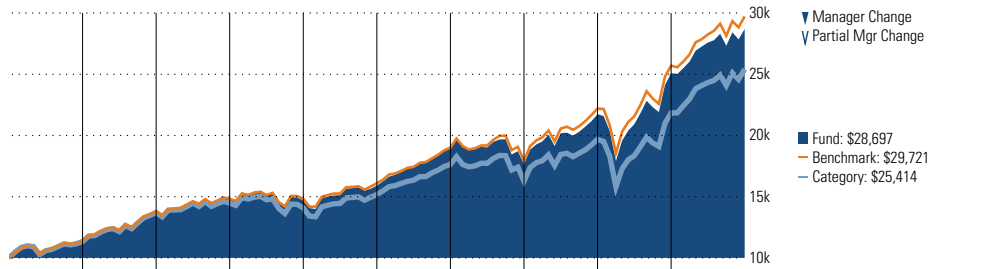
## Morningstar Investment Management LLC Analysis

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## ESG Metrics

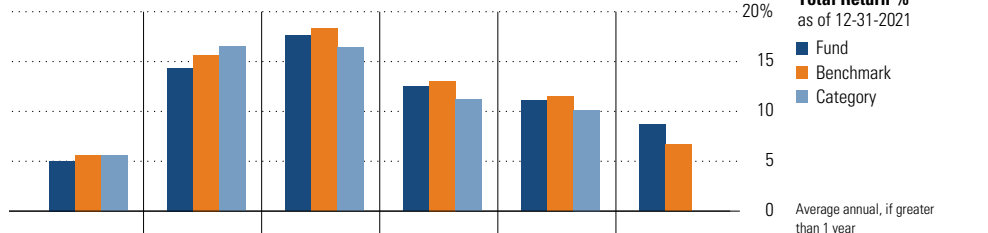
Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

## Growth of \$10,000



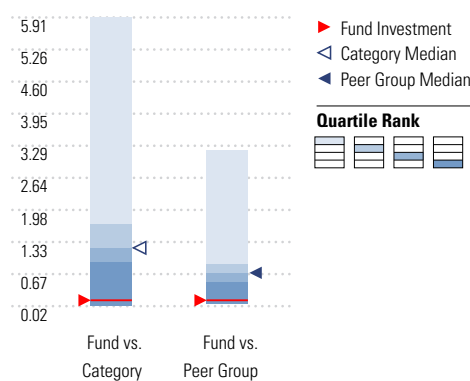
Year	2012	2013	2014	2015	2016	2017	2018	2019	2020	YTD	Performance Quartile (Within Category)
History	14.38	21.20	7.18	-1.17	8.33	19.21	-6.90	23.13	15.45	14.35	Total Return %
	0.62	-0.07	-0.32	-1.14	-0.23	1.18	-1.37	-0.54	-0.33	-1.30	+/- Benchmark
	0.96	-0.11	1.47	1.60	0.40	3.41	1.03	1.78	1.94	-2.15	+/- Category
	37	53	20	30	34	20	34	32	27	70	Tot Ret % Rank in Cat
	373	395	389	404	359	331	336	327	316	321	# of Funds in Cat
	10	9	10	13	5	6	10	6	13	4	Turnover %
	-	-	-	-	-	-	-	-	-	-	Expense Ratio

## Trailing Performance



Period	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Total Return % as of 12-31-2021
Fund Return %	5.02	14.35	17.58	12.53	11.12	8.66	Fund
Benchmark Return %	5.62	15.65	18.31	13.05	11.51	6.65	Benchmark
Category Average %	5.55	16.50	16.41	11.19	10.14	-	Category
% Rank in Category	59	70	37	22	25	-	
# of Funds in Category	326	321	294	265	196	-	

## 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	-1.02	-	-2.09
Beta	1.03	-	1.04
R-Squared	99.49	-	95.40
Standard Deviation	14.06	13.68	14.56
Sharpe Ratio	1.17	1.24	1.08
Tracking Error	1.06	-	3.17
Information Ratio	-0.69	-	-0.54
Up Capture Ratio	99.55	-	98.03
Down Capture Ratio	104.31	-	108.81

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.25	20.56	21.45
Price/Book Ratio	2.74	3.07	3.36
Avg Eff Duration	7.35	6.36	5.14

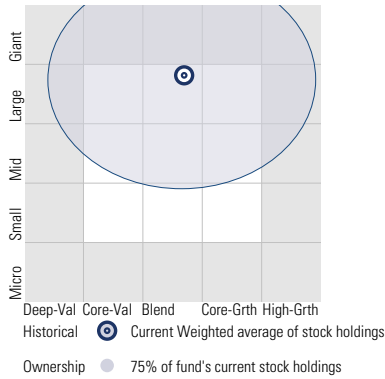
# Vanguard LifeStrategy Growth Inv VASGX

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

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

## Style Analysis as of 12-31-2021

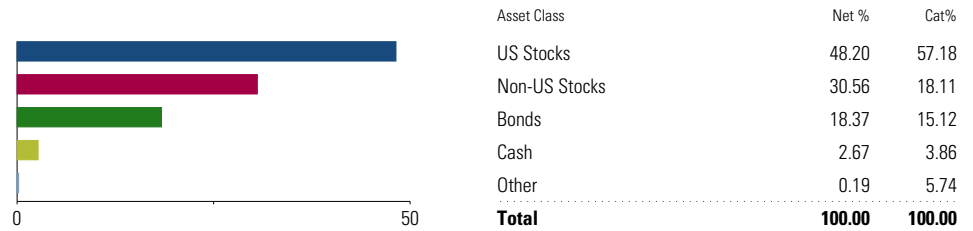
Morningstar Style Box™



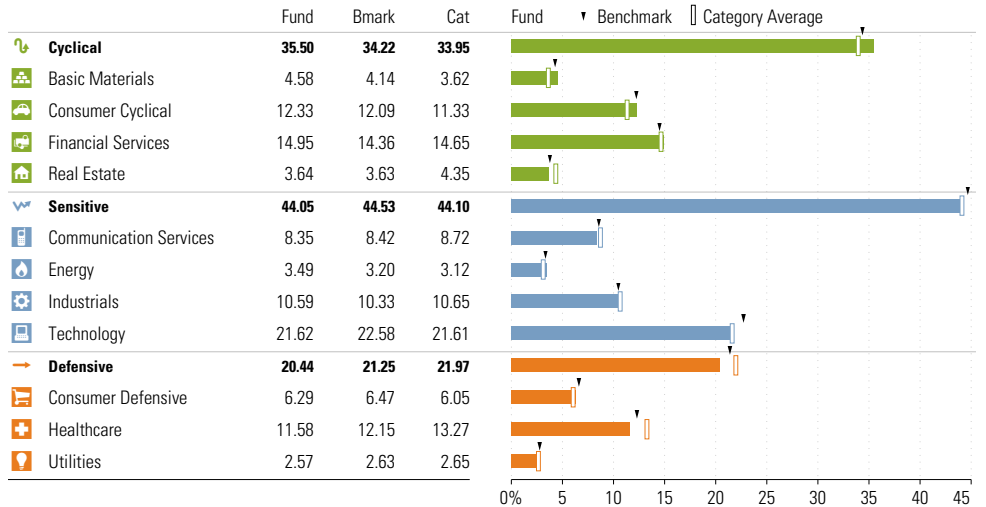
## Style Breakdown



## Asset Allocation as of 12-31-2021



## Sector Weighting as of 12-31-2021



## Top 7 Holdings as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	—	48.69	48.69	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	31.30	79.99	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	13.31	93.30	—	—
⊕ Vanguard Total Intl Bd Idx Investor	—	4.87	98.18	—	—
⊖ Mktliq 12/31/2049	—	1.10	99.27	—	—
⊕ Vanguard Total Intl Bd II Idx Investor	—	0.76	100.03	—	—
⊕ Us Dollar	—	0.03	100.07	—	—

## Total Holdings 7

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard LifeStrategy Income Inv VASIX

**Morningstar Category**  
Allocation--15% to 30%  
Equity

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

## Portfolio Manager(s)

Management Team since 09-1994

## Quantitative Screens

✔ **Performance:** The fund has finished in the Allocation--15% to 30% Equity category's top three quartiles in 8 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 27.27 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.11 is 88.78% lower than the Allocation--15% to 30% Equity category average.

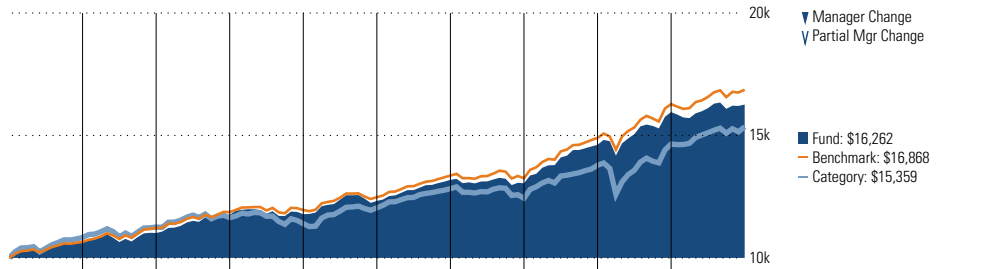
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

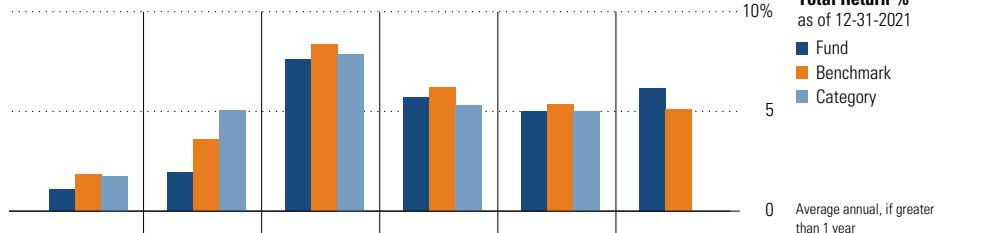
Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021

## Growth of \$10,000



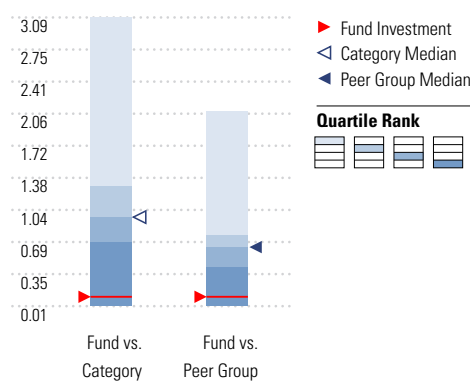
Year	2012	2013	2014	2015	2016	2017	2018	2019	2020	YTD	Performance Quartile (Within Category)
Expense Ratio	6.54	3.40	6.76	0.22	4.58	6.98	-1.05	12.05	9.13	1.92	History
Total Return %	-0.02	-1.84	0.92	-0.51	0.17	-0.06	-0.24	-0.38	-0.13	-1.69	Total Return %
+/- Benchmark	-1.81	-0.62	3.22	2.29	-0.97	0.73	2.09	0.85	1.84	-3.12	+/- Benchmark
+/- Category	78	68	4	8	65	49	11	35	27	90	+/- Category
Tot Ret % Rank in Cat	193	215	219	237	216	194	191	192	188	195	Tot Ret % Rank in Cat
# of Funds in Cat	8	25	12	14	4	4	9	6	17	7	# of Funds in Cat
Turnover %	-	-	-	-	-	-	-	-	-	-	Turnover %
Expense Ratio	-	-	-	-	-	-	-	-	-	-	Expense Ratio

## Trailing Performance



Period	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Average annual, if greater than 1 year
Fund Return %	1.10	1.92	7.61	5.70	4.98	6.18	6.18
Benchmark Return %	1.82	3.61	8.37	6.21	5.37	5.11	5.11
Category Average %	1.76	5.04	7.88	5.30	4.99	-	-
% Rank in Category	73	90	61	39	47	-	-
# of Funds in Category	199	195	182	168	110	-	-

## Net Expense



Comparison	1	1	Percentile
Fund vs. Category	2/198	1/181	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

Metric	Fund	Bmark	Cat
Alpha	-0.46	-	-2.73
Beta	0.97	-	1.31
R-Squared	96.87	-	82.48
Standard Deviation	4.63	4.70	6.90
Sharpe Ratio	1.44	1.57	1.08
Tracking Error	0.83	-	3.42
Information Ratio	-0.91	-	-0.23
Up Capture Ratio	91.39	-	110.77
Down Capture Ratio	91.87	-	149.27

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.08	21.74	19.90
Price/Book Ratio	2.70	3.31	2.91
Avg Eff Duration	7.38	6.36	3.48

# Vanguard LifeStrategy Income Inv VASIX

**Morningstar Category**  
Allocation--15% to 30%

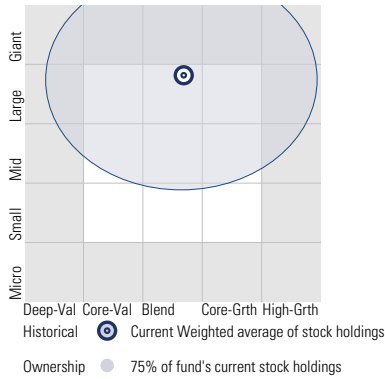
**Morningstar Index**

Morningstar US Con Tgt Alloc NR USD

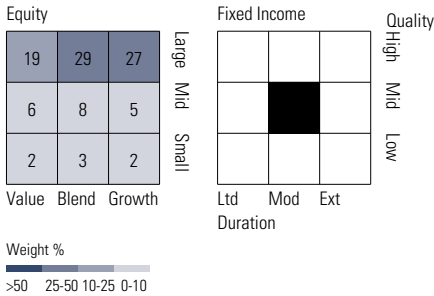
Equity

## Style Analysis as of 12-31-2021

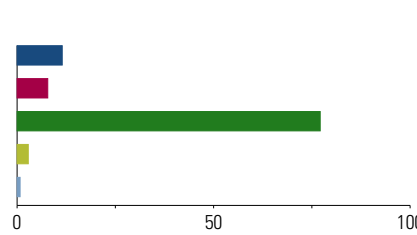
Morningstar Style Box™



## Style Breakdown

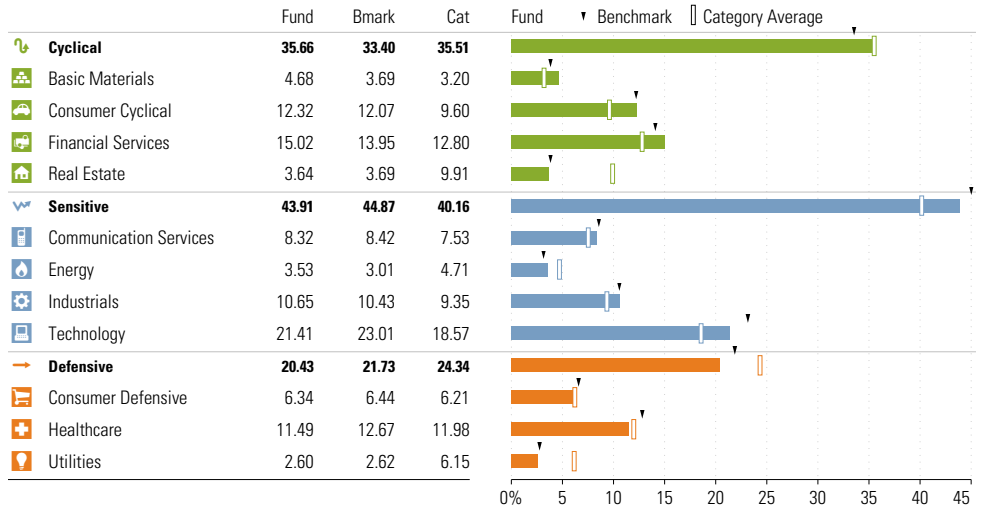


## Asset Allocation as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	11.48	12.96
Non-US Stocks	7.80	3.18
Bonds	77.12	67.30
Cash	2.84	10.68
Other	0.76	5.91
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2021



## Top 7 Holdings as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	—	54.65	54.65	—	—
⊕ Vanguard Total Intl Bd Idx Investor	—	23.24	77.89	—	—
⊖ Vanguard Total Stock Mkt Idx Inv	—	11.59	89.48	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	8.00	97.48	—	—
⊕ Vanguard Total Intl Bd II Idx Investor	—	1.64	99.11	—	—
⊕ Mktliq 12/31/2049	—	0.91	100.02	—	—
⊕ Us Dollar	—	0.02	100.05	—	—

## Total Holdings 7

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard LifeStrategy Moderate Gr Inv VSMGX

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

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

## Portfolio Manager(s)

Management Team since 09-1994

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 27.27 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.13 is 87.38% lower than the Allocation--50% to 70% Equity category average.

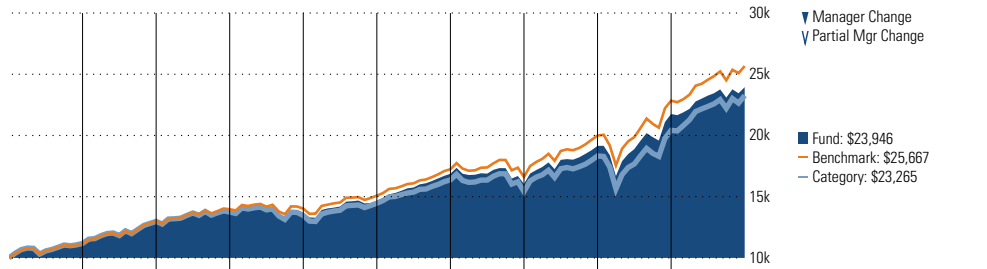
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

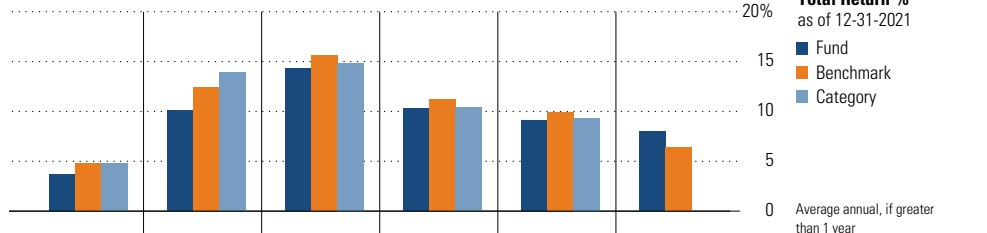
Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

## Growth of \$10,000



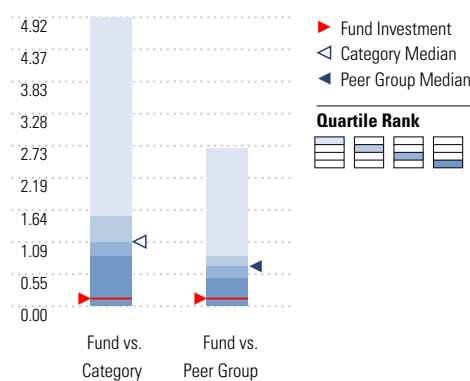
Year	2012	2013	2014	2015	2016	2017	2018	2019	2020	YTD	Performance Quartile (Within Category)
Fund	11.76	15.04	7.07	-0.57	7.13	15.04	-4.91	19.37	13.59	10.08	History
Benchmark	0.29	-1.49	-0.50	-0.93	-0.47	0.76	-1.25	-0.96	-0.67	-2.29	Total Return %
Category	0.04	-1.44	0.86	1.36	-0.21	1.83	0.85	0.14	1.87	-3.81	+/- Benchmark
Fund	56	68	38	32	42	26	39	53	36	88	+/- Category
Benchmark	746	786	758	806	759	735	751	725	698	711	Tot Ret % Rank in Cat
Category	15	15	12	16	9	6	12	9	21	5	# of Funds in Cat
Fund	-	-	-	-	-	-	-	-	-	-	Turnover %
Benchmark	-	-	-	-	-	-	-	-	-	-	Expense Ratio
Category	-	-	-	-	-	-	-	-	-	-	

## Trailing Performance



Period	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Total Return % as of 12-31-2021
Fund	3.70	10.08	14.28	10.30	9.12	7.99	Fund Return %
Benchmark	4.74	12.37	15.61	11.21	9.88	6.37	Benchmark Return %
Category	4.79	13.89	14.85	10.39	9.33	-	Category Average %
Fund	80	88	62	52	58	-	% Rank in Category
Benchmark	736	711	666	602	434	-	# of Funds in Category
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

Metric	Fund	Bmark	Cat
Alpha	-1.04	-	-1.41
Beta	0.99	-	1.06
R-Squared	99.10	-	93.55
Standard Deviation	10.70	10.74	11.83
Sharpe Ratio	1.23	1.33	1.19
Tracking Error	1.02	-	3.15
Information Ratio	-1.30	-	-0.19
Up Capture Ratio	94.78	-	101.24
Down Capture Ratio	99.68	-	110.25

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.26	21.51	22.00
Price/Book Ratio	2.75	3.35	3.43
Avg Eff Duration	7.35	6.36	5.11

# Vanguard LifeStrategy Moderate Gr Inv VSMGX

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

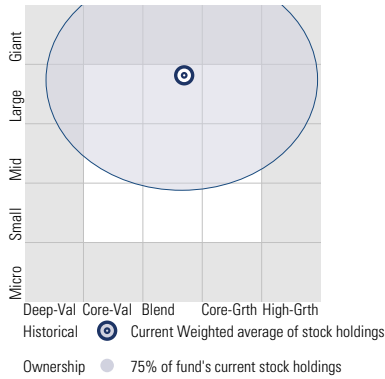
**Morningstar Index**

Morningstar US Mod Tgt Alloc NR USD

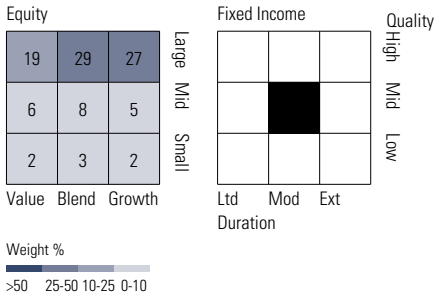
Equity

## Style Analysis as of 12-31-2021

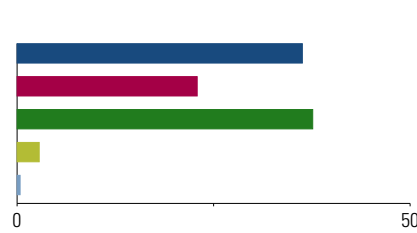
Morningstar Style Box™



## Style Breakdown

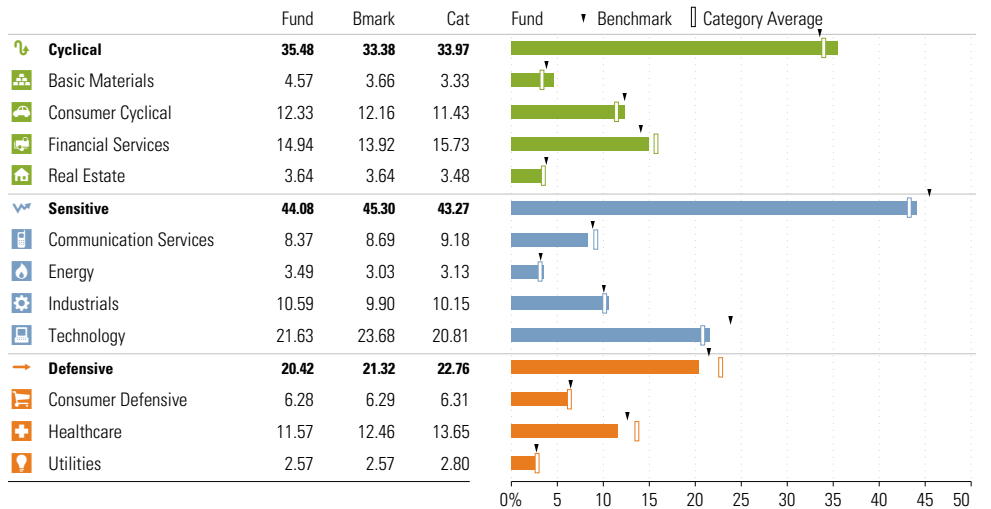


## Asset Allocation as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	36.29	48.87
Non-US Stocks	22.91	11.39
Bonds	37.61	31.64
Cash	2.81	5.03
Other	0.38	3.06
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2021



## Top 7 Holdings as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	—	36.66	36.66	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	27.19	63.86	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	23.46	87.32	—	—
⊕ Vanguard Total Intl Bd Idx Investor	—	10.09	97.41	—	—
⊕ Vanguard Total Intl Bd II Idx Investor	—	1.50	98.91	—	—
⊕ Mktliq 12/31/2049	—	1.11	100.02	—	—
⊕ Us Dollar	—	0.02	100.05	—	—

## Total Holdings 7

⊕ 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.

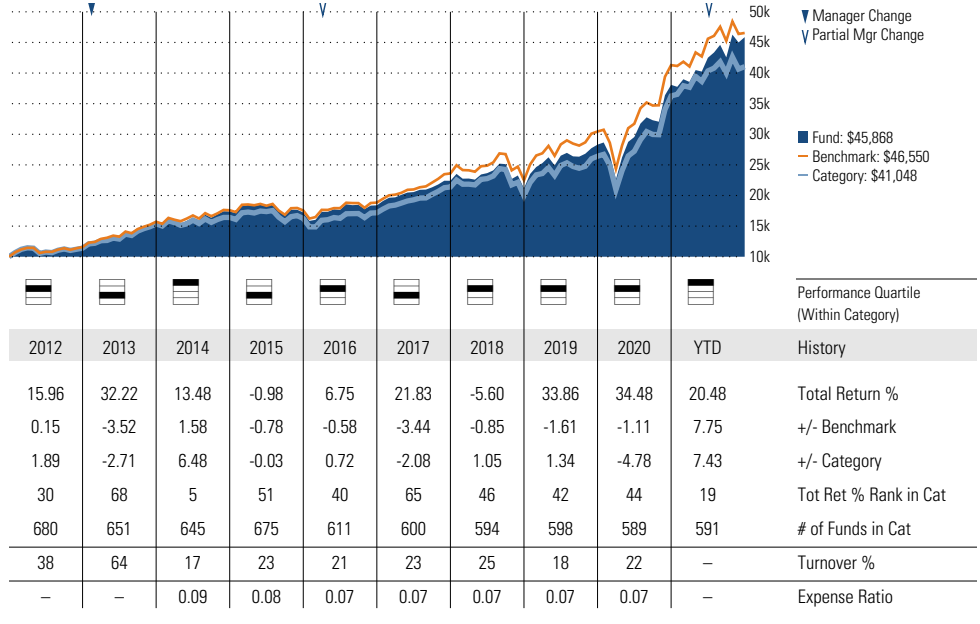
## Morningstar Investment Management LLC Analysis

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.

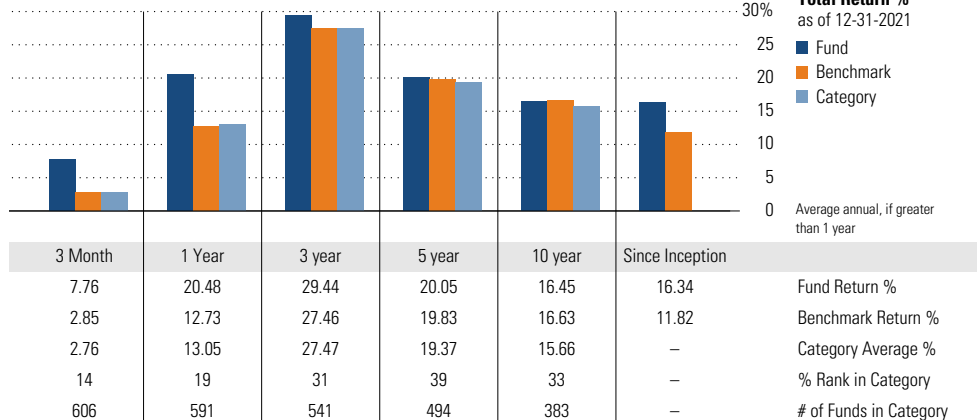
## ESG Metrics

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

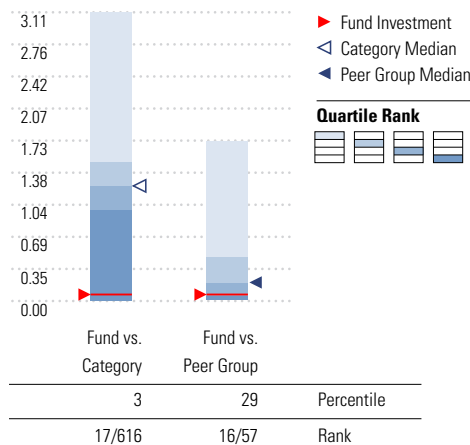
## Growth of \$10,000



## 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

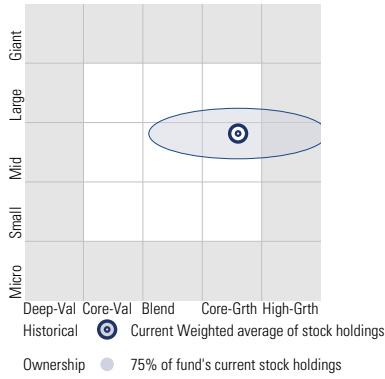
Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

## Style Analysis as of 12-31-2021

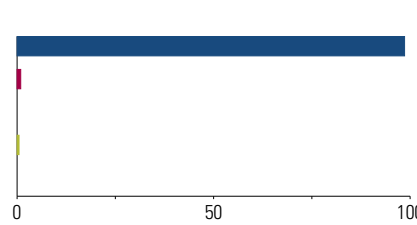
Morningstar Style Box™



## Style Breakdown

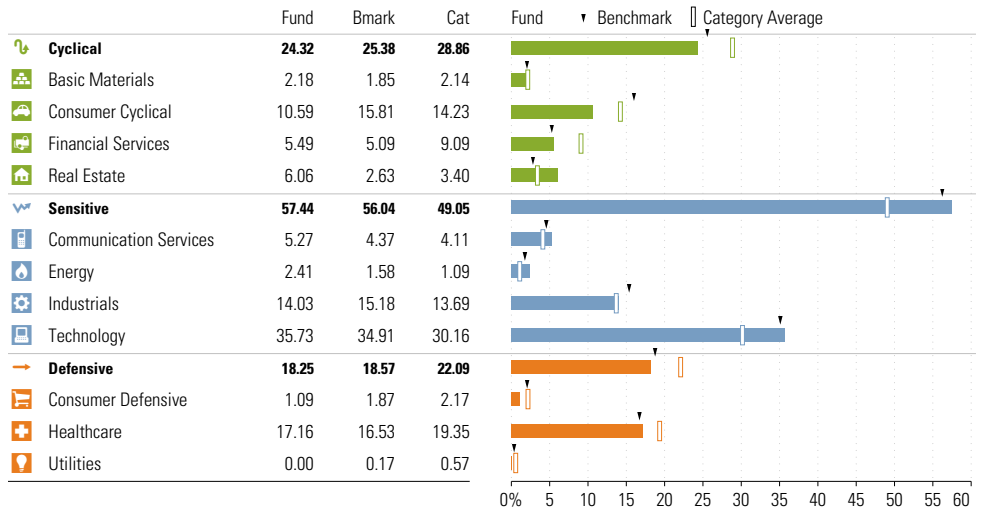


## Asset Allocation as of 12-31-2021



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

# Vanguard Selected Value Inv VASVX

**Morningstar Category**  
Mid-Cap Value

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

## Portfolio Manager(s)

Richard Greenberg since 02-2005  
 Richard Pzena since 03-2014  
 John Flynn since 12-2015  
 Benjamin Silver since 02-2017  
 Jonathan Hartsel since 11-2019  
 William Weber since 12-2019  
 Mehul Trivedi since 12-2019

## 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 16.86 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 0.31 is 68.69% lower than the Mid-Cap Value category average.

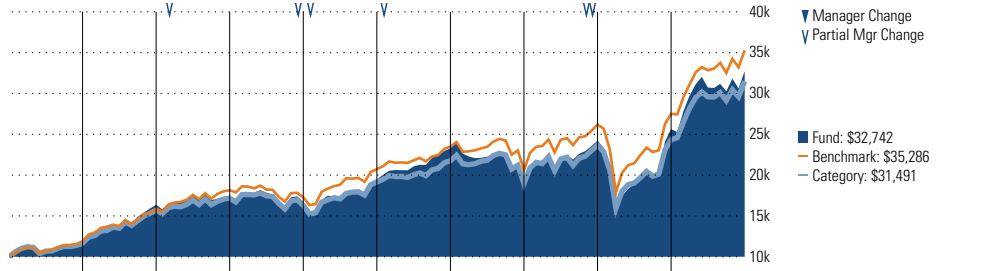
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

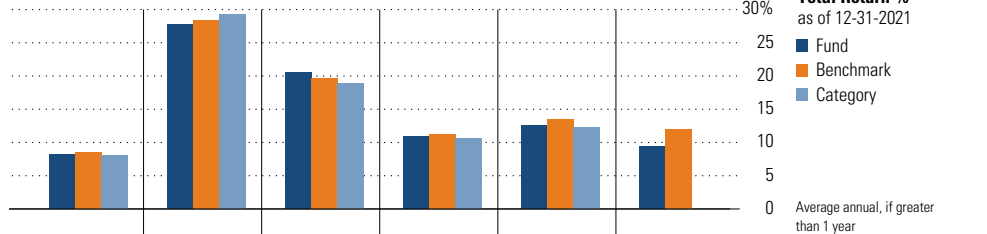
Metric	Rating	Updated
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Medium Risk	09-30-2021

## Growth of \$10,000



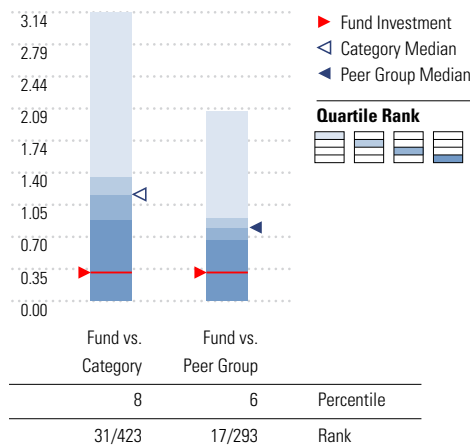
2012	2013	2014	2015	2016	2017	2018	2019	2020	YTD	History
15.25	42.04	6.36	-3.80	16.34	19.51	-19.73	29.54	5.85	27.75	Total Return %
-3.26	8.58	-8.39	0.98	-3.66	6.17	-7.44	2.48	0.89	-0.59	+/- Benchmark
-1.35	6.90	-2.95	1.61	-1.72	6.29	-6.87	4.36	3.22	-1.57	+/- Category
68	8	81	37	62	7	94	20	29	66	Tot Ret % Rank in Cat
430	441	432	474	436	441	459	431	419	415	# of Funds in Cat
18	27	18	24	27	22	31	31	85	30	Turnover %
-	-	0.41	0.39	0.35	0.39	0.36	0.33	0.31	0.32	Expense Ratio

## Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	
8.18	27.75	20.54	10.94	12.59	9.35	Fund Return %
8.54	28.34	19.62	11.22	13.44	11.94	Benchmark Return %
8.09	29.32	18.85	10.60	12.30	-	Category Average %
46	66	26	41	50	-	% Rank in Category
421	415	393	353	267	-	# of Funds in Category

## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-2.02	-	-1.18
Beta	1.20	-	1.03
R-Squared	97.58	-	96.42
Standard Deviation	26.96	22.27	23.42
Sharpe Ratio	0.81	0.89	0.83
Tracking Error	6.06	-	4.94
Information Ratio	0.15	-	-0.21
Up Capture Ratio	115.56	-	101.57
Down Capture Ratio	124.20	-	106.78

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	12.18	17.74	16.76
Price/Book Ratio	1.64	2.45	2.10
Geom Avg Mkt Cap \$B	10.20	18.96	13.99
ROE	16.04	15.83	17.02

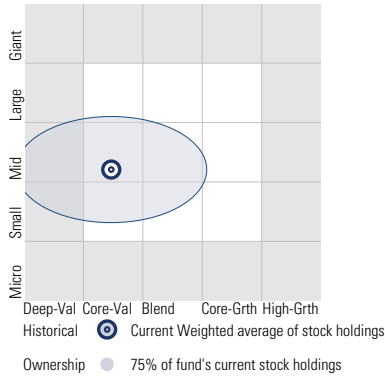
# Vanguard Selected Value Inv VASVX

**Morningstar Category**  
Mid-Cap Value

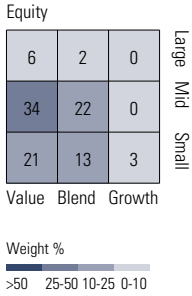
**Morningstar Index**  
Russell Mid Cap Value TR USD

## Style Analysis as of 12-31-2021

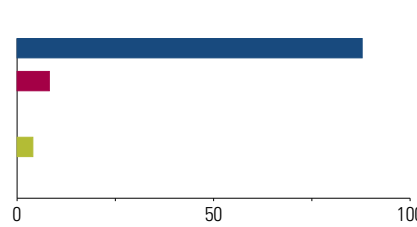
Morningstar Style Box™



## Style Breakdown

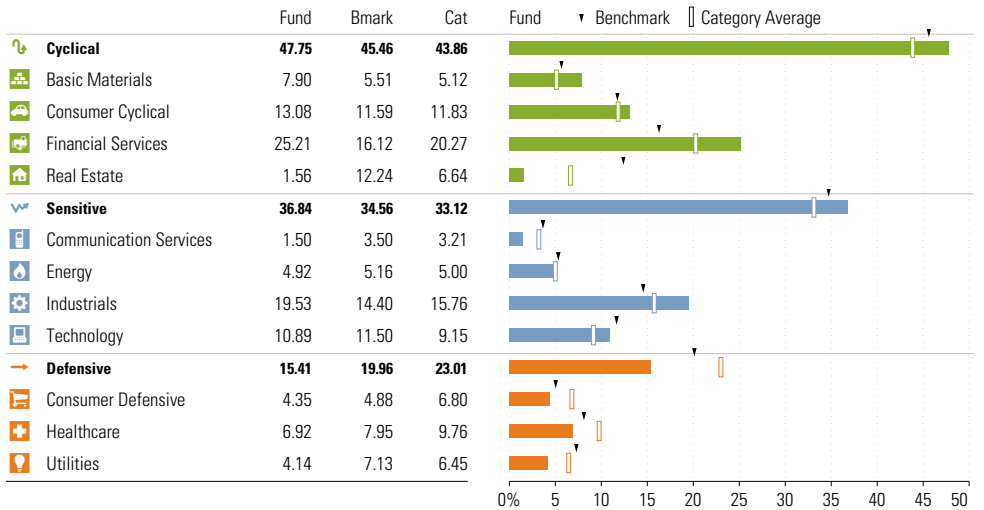


## Asset Allocation as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	87.80	91.39
Non-US Stocks	8.20	6.02
Bonds	0.00	0.02
Cash	4.01	2.05
Other	0.00	0.52
<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
⊕ Mktliq 12/31/2049	3.74	3.74	-	-
⊖ AerCap Holdings NV	3.42	7.16	43.53	Industrials
⊖ Gildan Activewear Inc	2.25	9.41	52.31	Consumer Cyclical
⊖ Arrow Electronics Inc	1.89	11.30	38.00	Technology
Taylor Morrison Home Corp Class A	1.82	13.11	36.30	Consumer Cyclical
⊖ Helen Of Troy Ltd	1.56	14.67	10.03	Consumer Defensive
Edison International	1.43	16.10	12.92	Utilities
⊖ Amdocs Ltd	1.39	17.49	7.54	Technology
⊖ American International Group Inc	1.32	18.81	53.57	Financial Services
⊖ Arch Capital Group Ltd	1.31	20.13	23.23	Financial Services
Unum Group	1.31	21.44	12.21	Financial Services
⊖ The Mosaic Co	1.30	22.74	71.95	Basic Materials
⊖ Globe Life Inc	1.27	24.00	-0.48	Financial Services
Lear Corp	1.26	25.26	16.15	Consumer Cyclical
NRG Energy Inc	1.26	26.53	18.19	Utilities

**Total Holdings 134**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Small Cap Growth Index Admiral VSGAX

**Morningstar Category**  
Small Growth

**Morningstar Index**  
Russell 2000 Growth TR USD

## Portfolio Manager(s)

Gerard O'Reilly since 12-2004  
William Coleman since 04-2016

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 17.01 years.

✗ **Style:** The fund has landed in its primary style box — Small Growth — 22.86 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.07 is 94.17% lower than the Small Growth category average.

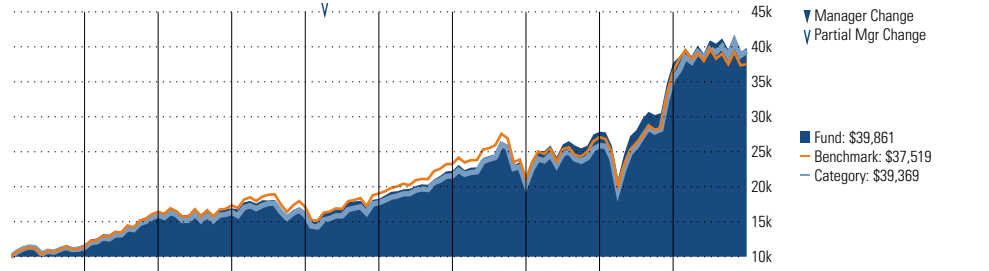
## Morningstar Investment Management LLC Analysis

This fund fails our style screen but its portfolio positioning remains consistent with the benchmark index it tracks.

## ESG Metrics

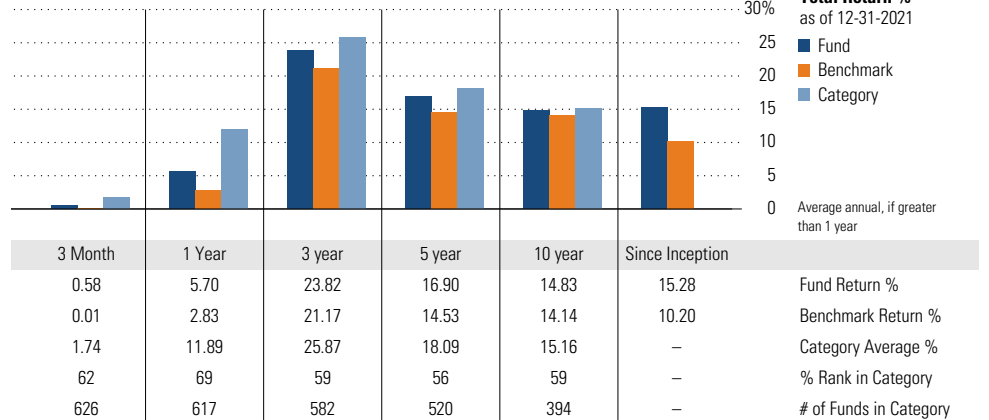
Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	4	11-30-2021

## Growth of \$10,000

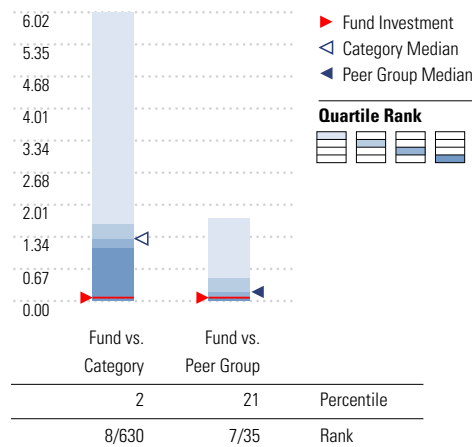


Year	2012	2013	2014	2015	2016	2017	2018	2019	2020	YTD	Performance Quartile (Within Category)
Total Return %	17.66	38.22	4.02	-2.52	10.73	21.92	-5.68	32.76	35.28	5.70	History
+/- Benchmark	3.07	-5.08	-1.58	-1.14	-0.59	-0.25	3.63	4.28	0.65	2.87	
+/- Category	4.51	-2.69	1.58	-0.11	-0.47	0.42	0.08	5.08	-3.34	-6.19	
Tot Ret % Rank in Cat	11	65	36	52	48	46	50	27	52	69	
# of Funds in Cat	728	710	665	701	644	650	646	636	627	617	
Turnover %	37	50	26	23	27	19	22	18	24	-	
Expense Ratio	-	-	0.09	0.08	0.07	0.07	0.07	0.07	0.07	-	

## 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	3.36	-	4.94
Beta	0.94	-	0.94
R-Squared	96.18	-	89.52
Standard Deviation	22.36	23.40	23.24
Sharpe Ratio	1.03	0.90	1.07
Tracking Error	4.61	-	7.72
Information Ratio	0.58	-	0.57
Up Capture Ratio	98.26	-	101.88
Down Capture Ratio	87.08	-	87.49

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	30.96	22.94	32.03
Price/Book Ratio	4.89	4.80	5.03
Geom Avg Mkt Cap \$B	6.32	3.20	6.12
ROE	9.05	8.90	7.44

# Vanguard Small Cap Growth Index Admiral VSGAX

Morningstar Category

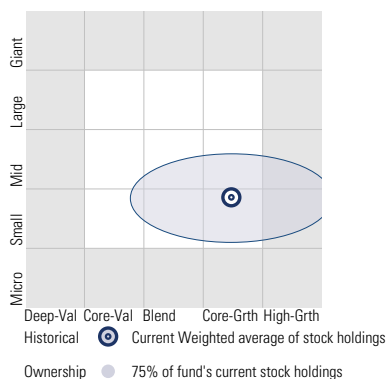
Small Growth

Morningstar Index

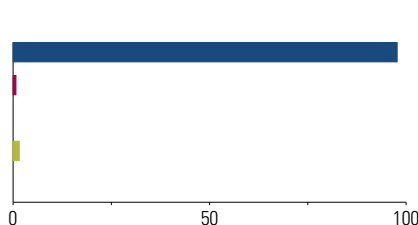
Russell 2000 Growth TR USD

## Style Analysis as of 12-31-2021

Morningstar Style Box™



## Asset Allocation as of 12-31-2021

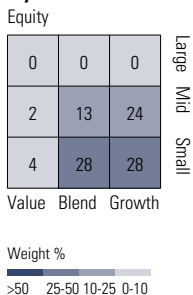


Asset Class	Net %	Cat%
US Stocks	97.72	92.78
Non-US Stocks	0.72	4.51
Bonds	0.00	0.00
Cash	1.57	1.82
Other	0.00	0.89
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2021

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>28.18</b>	<b>25.45</b>	<b>25.72</b>			
Basic Materials	1.79	3.28	2.47			
Consumer Cyclical	13.02	13.24	12.22			
Financial Services	5.07	5.64	8.42			
Real Estate	8.30	3.29	2.61			
<b>Sensitive</b>	<b>47.06</b>	<b>44.66</b>	<b>46.26</b>			
Communication Services	3.15	3.32	2.51			
Energy	2.08	2.19	1.47			
Industrials	14.68	15.68	16.15			
Technology	27.15	23.47	26.13			
<b>Defensive</b>	<b>24.76</b>	<b>29.90</b>	<b>28.02</b>			
Consumer Defensive	3.29	3.97	3.83			
Healthcare	21.04	25.44	23.54			
Utilities	0.43	0.49	0.65			

## Style Breakdown



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

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Slcmt1142	1.34	1.34	-	-
⊕ Bio-Techne Corp	0.85	2.19	63.32	Healthcare
⊖ Entegris Inc	0.79	2.97	44.54	Technology
⊖ Trex Co Inc	0.65	3.63	61.29	Industrials
⊕ Coterra Energy Inc Ordinary Shares	0.65	4.27	23.59	Energy
⊖ Masimo Corp	0.61	4.88	9.09	Healthcare
⊖ Equity Lifestyle Properties Inc	0.61	5.49	40.64	Real Estate
⊕ Ceridian HCM Holding Inc	0.60	6.09	-1.97	Technology
⊕ Repligen Corp	0.58	6.67	38.20	Healthcare
⊖ Graco Inc	0.57	7.25	12.47	Industrials
⊖ Nordson Corp	0.56	7.81	27.93	Industrials
⊖ Floor & Decor Holdings Inc Class A	0.55	8.35	40.02	Consumer Cyclical
⊖ Wolfspeed Inc	0.55	8.90	5.54	Technology
⊕ PTC Inc	0.54	9.44	1.29	Technology
⊖ CubeSmart	0.52	9.96	73.64	Real Estate

**Total Holdings 764**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Small Cap Value Index Admiral VSIAX

**Morningstar Category**  
Small Value

**Morningstar Index**  
Russell 2000 Value TR USD

## Portfolio Manager(s)

Gerard O'Reilly since 04-2016  
William Coleman since 04-2016

## Quantitative Screens

✔ **Performance:** The fund has finished in the Small Value 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 — Small Value — 80 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.07 is 94.02% lower than the Small Value category average.

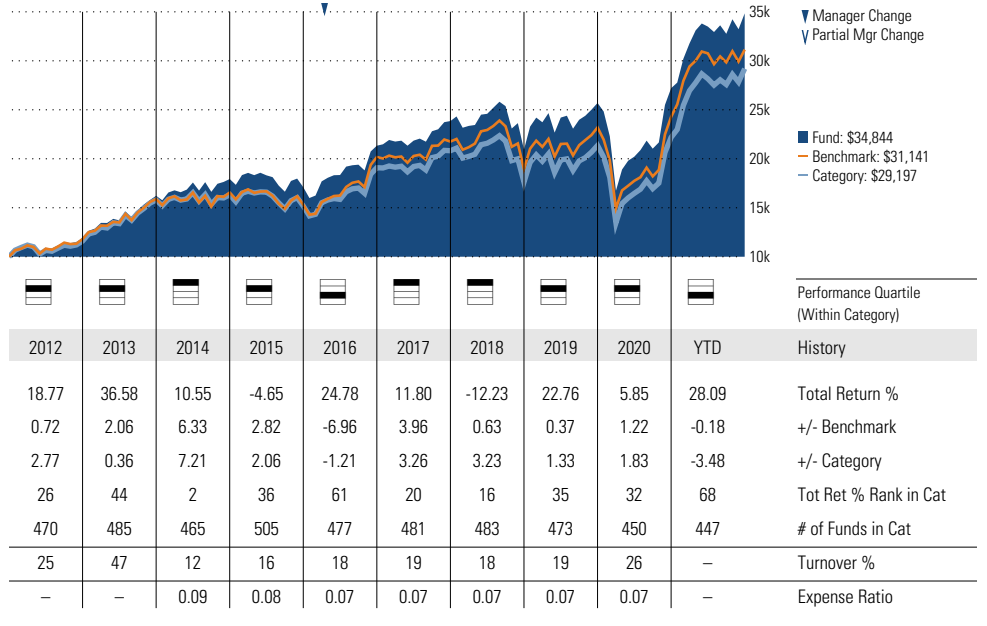
## Morningstar Investment Management LLC Analysis

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

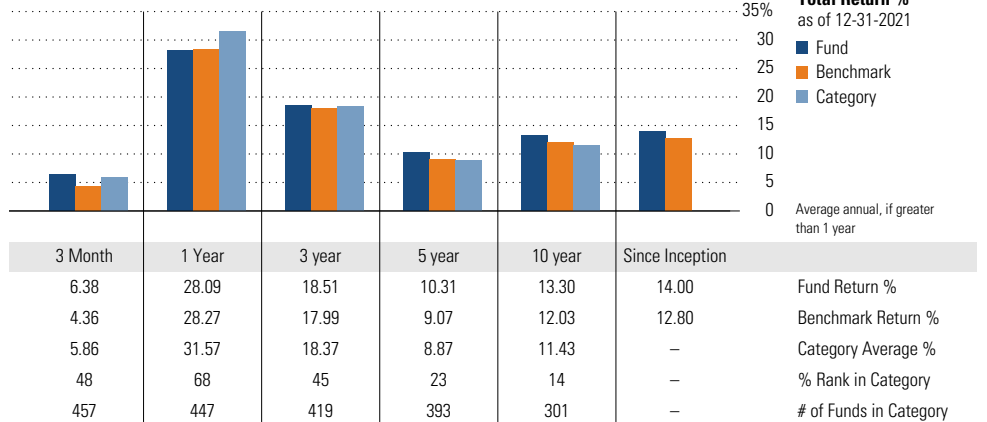
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	4	11-30-2021

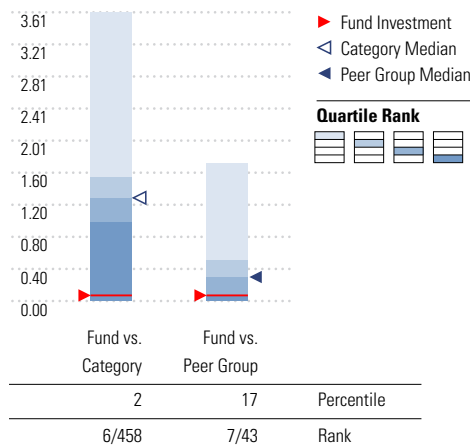
## Growth of \$10,000



## 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	1.06	-	0.44
Beta	0.96	-	1.01
R-Squared	97.78	-	95.25
Standard Deviation	24.66	25.35	26.37
Sharpe Ratio	0.78	0.75	0.75
Tracking Error	3.80	-	6.12
Information Ratio	0.14	-	0.09
Up Capture Ratio	97.09	-	102.29
Down Capture Ratio	93.77	-	101.99

## Portfolio Metrics

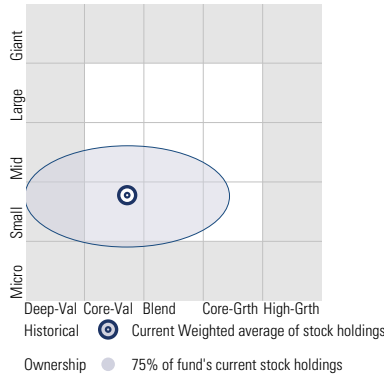
	Fund	Bmark	Cat
Price/Earnings Ratio	13.79	13.35	14.51
Price/Book Ratio	2.00	1.62	1.80
Geom Avg Mkt Cap \$B	5.77	2.32	4.32
ROE	16.29	7.58	16.24

# Vanguard Small Cap Value Index Admiral VSIAX

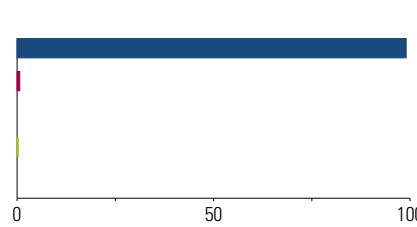
**Morningstar Category**  
Small Value

**Morningstar Index**  
Russell 2000 Value TR USD

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

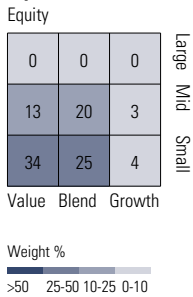


**Asset Allocation** as of 12-31-2021

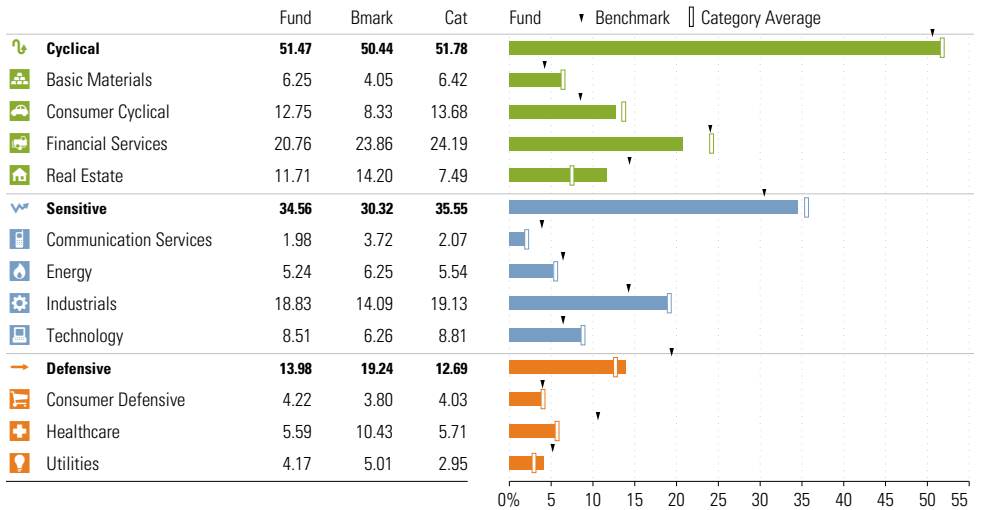


Asset Class	Net %	Cat%
US Stocks	99.00	95.55
Non-US Stocks	0.68	2.88
Bonds	0.00	-0.03
Cash	0.31	1.51
Other	0.00	0.09
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Style Breakdown**



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



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

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Signature Bank	0.61	0.61	140.75	Financial Services
⊕ Diamondback Energy Inc	0.61	1.22	126.45	Energy
⊕ VICI Properties Inc Ordinary Shares	0.59	1.81	23.49	Real Estate
⊕ Molina Healthcare Inc	0.58	2.39	49.56	Healthcare
⊕ IDEX Corp	0.56	2.96	19.70	Industrials
⊕ Nuance Communications Inc	0.55	3.51	25.47	Technology
⊕ Brown & Brown Inc	0.53	4.04	49.04	Financial Services
⊖ Builders FirstSource Inc	0.51	4.55	110.02	Industrials
⊕ Quanta Services Inc	0.51	5.06	59.46	Industrials
⊕ Kimco Realty Corp	0.47	5.53	68.75	Real Estate
⊕ The Mosaic Co	0.45	5.99	71.95	Basic Materials
⊕ Medical Properties Trust Inc	0.44	6.43	13.58	Real Estate
⊕ Atmos Energy Corp	0.43	6.86	12.46	Utilities
⊕ Jones Lang LaSalle Inc	0.42	7.29	81.53	Real Estate
⊕ RPM International Inc	0.41	7.70	12.95	Basic Materials

**Total Holdings 1003**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Total Bond Market Index Adm VBTLX

**Morningstar Category**  
Intermediate Core Bond

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

## Portfolio Manager(s)

Joshua Barrickman since 02-2013

## Quantitative Screens

✔ **Performance:** The fund has finished in the Intermediate Core 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 8.86 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.05 is 91.53% lower than the Intermediate Core Bond category average.

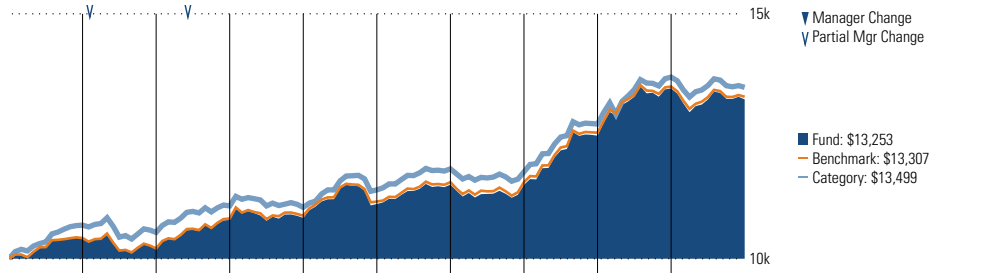
## Morningstar Investment Management LLC Analysis

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

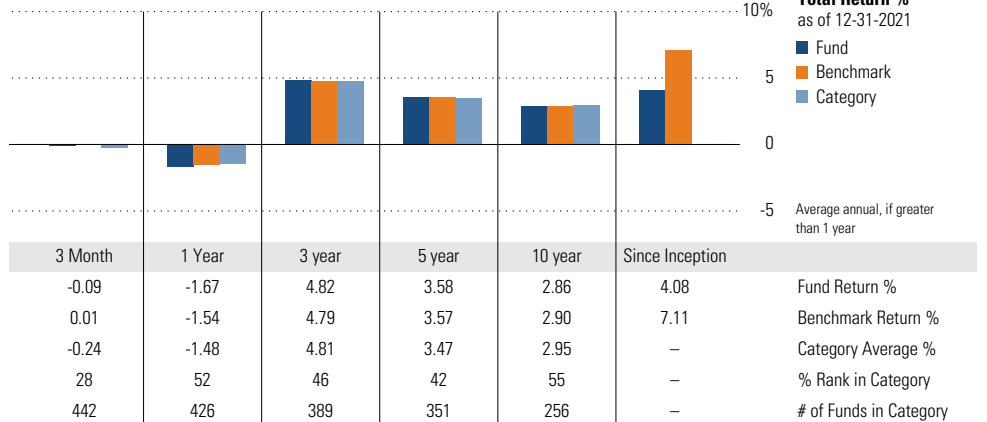
Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021

## Growth of \$10,000

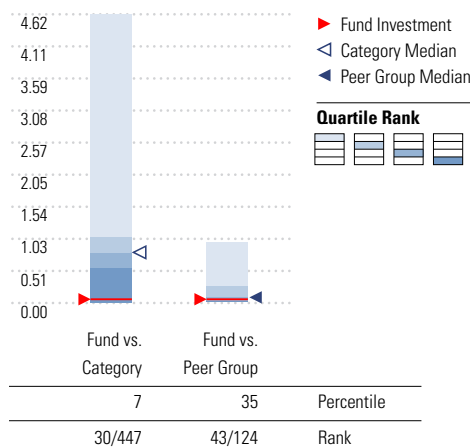


	2012	2013	2014	2015	2016	2017	2018	2019	2020	YTD	History
Performance Quartile (Within Category)	III	III	III	III	III	III	III	III	III	III	History
Total Return %	4.15	-2.15	5.89	0.40	2.60	3.56	-0.03	8.71	7.72	-1.67	Total Return %
+/- Benchmark	-0.06	-0.13	-0.08	-0.15	-0.05	0.02	-0.04	-0.01	0.21	-0.13	+/- Benchmark
+/- Category	-2.86	-0.73	0.71	0.66	-0.63	-0.15	0.47	0.65	0.20	-0.19	+/- Category
Tot Ret % Rank in Cat	83	67	30	28	63	56	31	34	45	52	Tot Ret % Rank in Cat
# of Funds in Cat	531	540	477	490	453	449	427	434	420	426	# of Funds in Cat
Turnover %	80	73	72	84	61	55	54	31	79	-	Turnover %
Expense Ratio	-	-	0.07	0.06	0.05	0.05	0.05	0.05	0.05	-	Expense Ratio

## 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	-0.22	-	0.04
Beta	1.05	-	1.01
R-Squared	99.34	-	84.77
Standard Deviation	3.60	3.40	3.75
Sharpe Ratio	1.12	1.18	1.09
Tracking Error	0.34	-	1.45
Information Ratio	0.07	-	-0.09
Up Capture Ratio	103.93	-	104.26
Down Capture Ratio	110.39	-	109.91

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	6.84	4.43	6.27
Avg Eff Maturity	8.80	-	7.77

# Vanguard Total Bond Market Index Adm VBTX

**Morningstar Category**  
Intermediate Core Bond

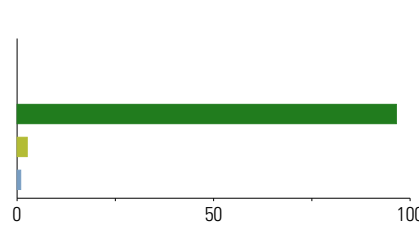
**Morningstar Index**  
BBgBarc US Agg Bond TR USD

## Style Analysis as of 12-31-2021

### Style Breakdown



## Asset Allocation as of 12-31-2021

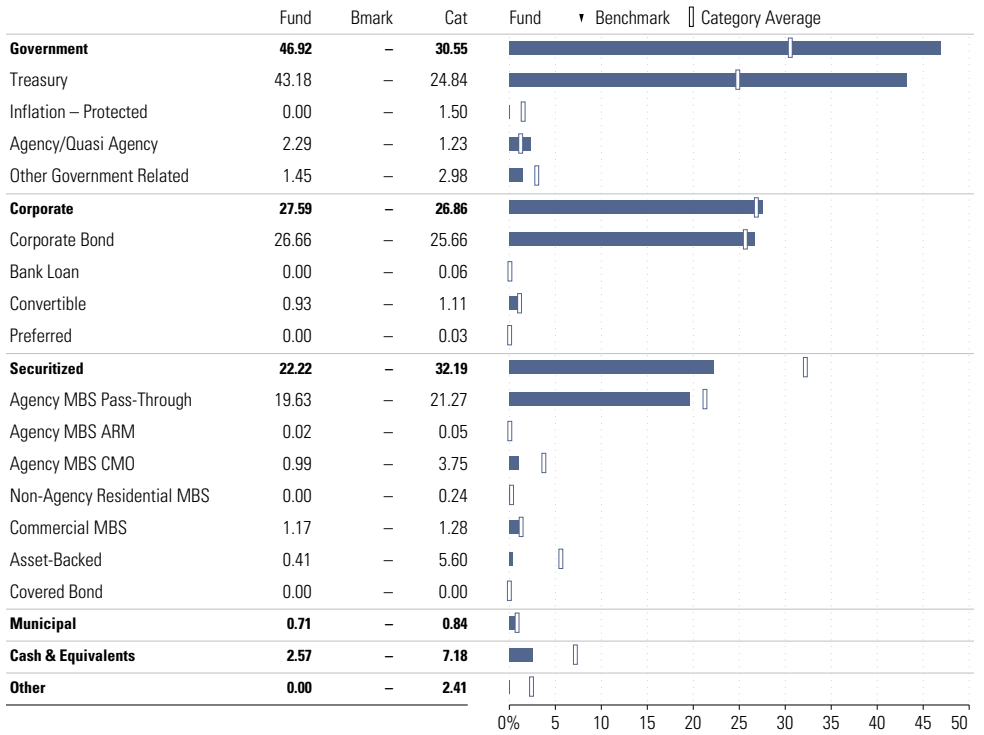


Asset Class	Net %	Cat%
US Stocks	0.00	0.05
Non-US Stocks	0.00	0.00
Bonds	96.50	95.78
Cash	2.58	1.97
Other	0.92	2.20
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	69.24	3.53	46.66
AA	3.20	74.59	11.82
A	12.06	10.82	22.68
BBB	15.47	8.32	15.84
BB	0.00	0.28	1.55
B	0.00	0.00	0.51
Below B	0.01	0.00	0.23
Not Rated	0.02	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
⊕ Mktliq 12/31/2049	-	2.16	2.16	-
United States Treasury Notes	-	0.66	2.82	-
⊕ United States Treasury Notes	-	0.53	3.34	-
United States Treasury Notes	-	0.52	3.86	-
⊕ United States Treasury Notes	-	0.51	4.37	-
⊕ United States Treasury Notes	-	0.47	4.84	-
United States Treasury Notes	-	0.45	5.30	-
⊕ Federal National Mortgage Association 2.5%	-	0.45	5.75	-
United States Treasury Notes	-	0.44	6.19	-
⊖ United States Treasury Notes	-	0.43	6.62	-

**Total Holdings 18605**

⊕ Increase ⊖ Decrease ✱ New to Portfolio