

# 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)

John Smet since 02-2007  
 Alan Berro since 02-2007  
 James Lovelace since 02-2007  
 Bradley Vogt since 01-2012  
 Andrew Suzman since 01-2012  
 Wesley Phoa since 01-2012  
 Jody Jonsson since 01-2015

## Quantitative Screens

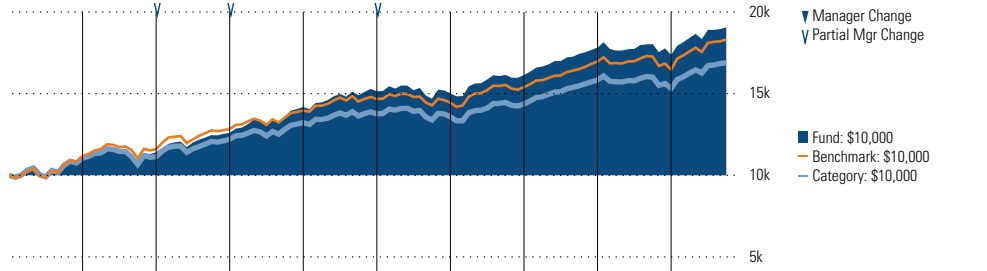
**Performance:** The fund has finished in the Target-Date 2000-2010 category's top three quartiles in 10 of the 10 years it's been in existence.

**Management:** The fund's management has been in place for 12.67 years.

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

**Net Expense:** The fund's expense ratio of 0.33 is 48.44% lower than the Target-Date 2000-2010 category average.

## Growth of \$10,000

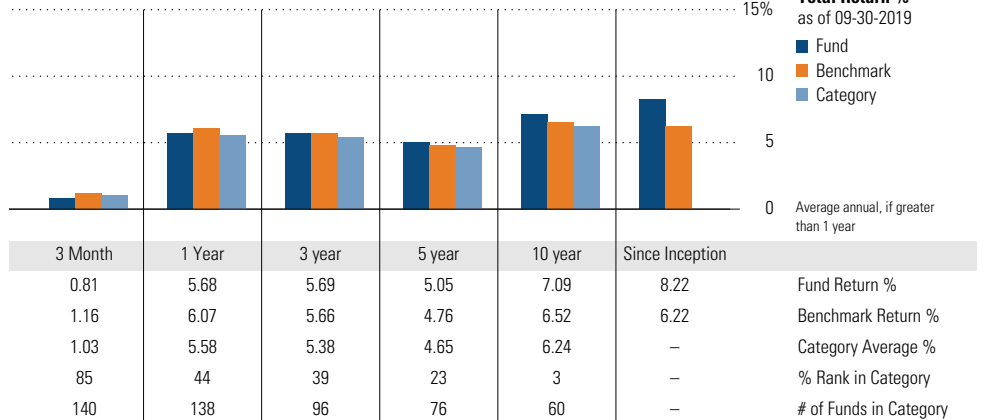


2010	2011	2012	2013	2014	2015	2016	2017	2018	YTD	History
9.98	3.71	10.51	12.55	6.79	-0.84	7.45	10.41	-2.49	9.68	Total Return %
-1.98	0.10	-0.10	3.79	1.63	0.74	0.81	0.22	0.48	-1.54	+/- Benchmark
-0.70	2.80	0.90	4.25	2.69	0.34	1.59	0.26	0.76	-0.59	+/- Category
70	3	34	1	1	27	3	44	22	71	Tot Ret % Rank in Cat
62	62	63	65	72	83	93	102	112	140	# of Funds in Cat
21	19	10	18	17	19	14	5	8	-	Turnover %
-	-	-	-	-	-	-	-	-	-	Expense Ratio

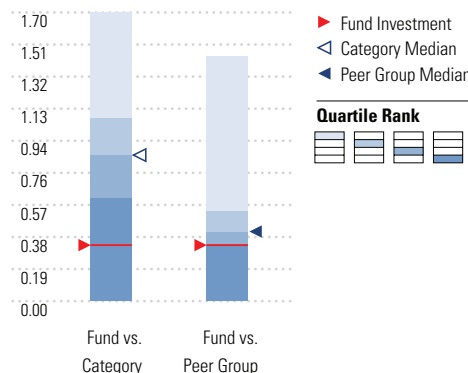
## Morningstar Investment Management LLC Analysis

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

## Trailing Performance



## Net Expense



Fund vs. Category	Fund vs. Peer Group	Percentile Rank
15	22	22/146
		41/189

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	0.49	-	0.06
Beta	0.92	-	0.93
R-Squared	94.19	-	95.06
Standard Deviation	4.47	4.74	4.49
Sharpe Ratio	0.90	0.85	0.82
Tracking Error	1.15	-	1.07
Information Ratio	0.03	-	-0.27
Up Capture Ratio	95.15	-	92.53
Down Capture Ratio	87.54	-	90.99

## Portfolio Metrics

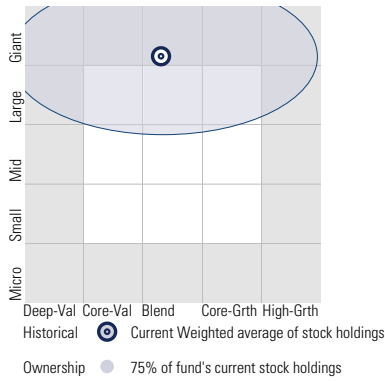
	Fund	Bmark	Cat
Price/Earnings Ratio	18.01	17.79	18.00
Price/Book Ratio	2.62	2.16	2.29
Avg Eff Duration	4.14	-	6.45

# American Funds 2010 Trgt Date Retire R6 RFTTX

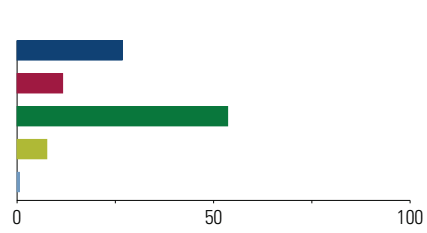
**Morningstar Category**  
Target-Date 2000-2010

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

**Style Analysis** as of 09-30-2019  
Morningstar Style Box™

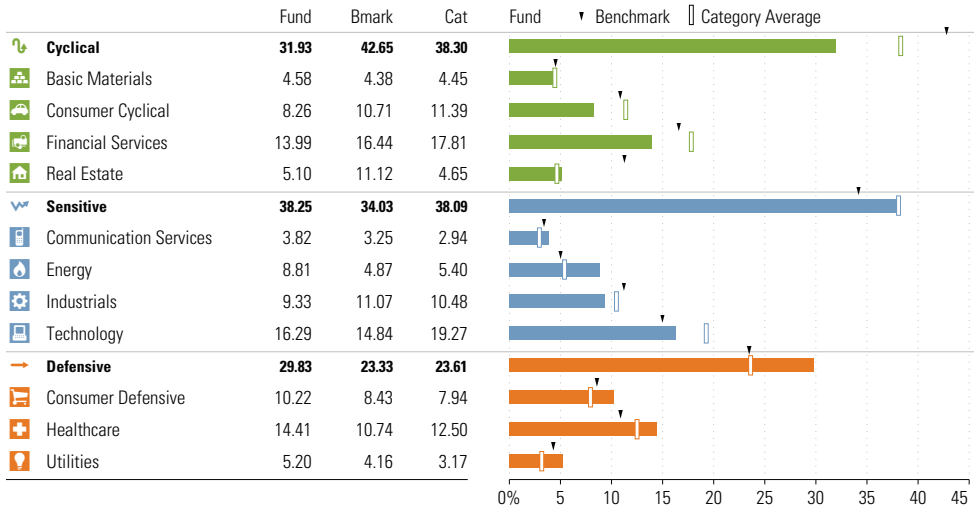


**Asset Allocation** as of 09-30-2019

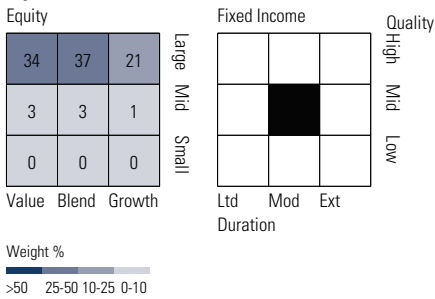


Asset Class	Net %	Cat%
US Stocks	26.72	22.68
Non-US Stocks	11.58	12.46
Bonds	53.57	55.88
Cash	7.55	8.06
Other	0.58	0.92
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2019



**Style Breakdown**



**Top 10 Holdings** as of 09-30-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds Interm Bd Fd of Amer R6	—	13.73	13.73	—	—
⊕ American Funds Income Fund of Amer R6	—	12.03	25.76	—	—
⊕ American Funds Capital Income Bldr R6	—	12.02	37.78	—	—
⊕ American Funds Bond Fund of Amer R6	—	7.98	45.76	—	—
⊕ American Funds Inflation Linked Bd R6	—	6.98	52.74	—	—
⊕ American Funds Mortgage R6	—	5.98	58.72	—	—
⊕ American Funds American Mutual R6	—	5.06	63.78	—	—
⊕ American Funds Capital World Bond R6	—	4.98	68.76	—	—
⊕ American Funds American High-Inc R6	—	4.98	73.74	—	—
⊕ American Funds ST Bd Fd of Amer R6	—	4.73	78.47	—	—

**Total Holdings 19**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# American Funds 2015 Trgt Date Retire R6 RFJTX

**Morningstar Category**  
Target-Date 2015

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

## Portfolio Manager(s)

John Smet since 02-2007  
 Alan Berro since 02-2007  
 James Lovelace since 02-2007  
 Andrew Suzman since 01-2012  
 Bradley Vogt since 01-2012  
 Wesley Phoa since 01-2012  
 Jody Jonsson since 01-2015

## Quantitative Screens

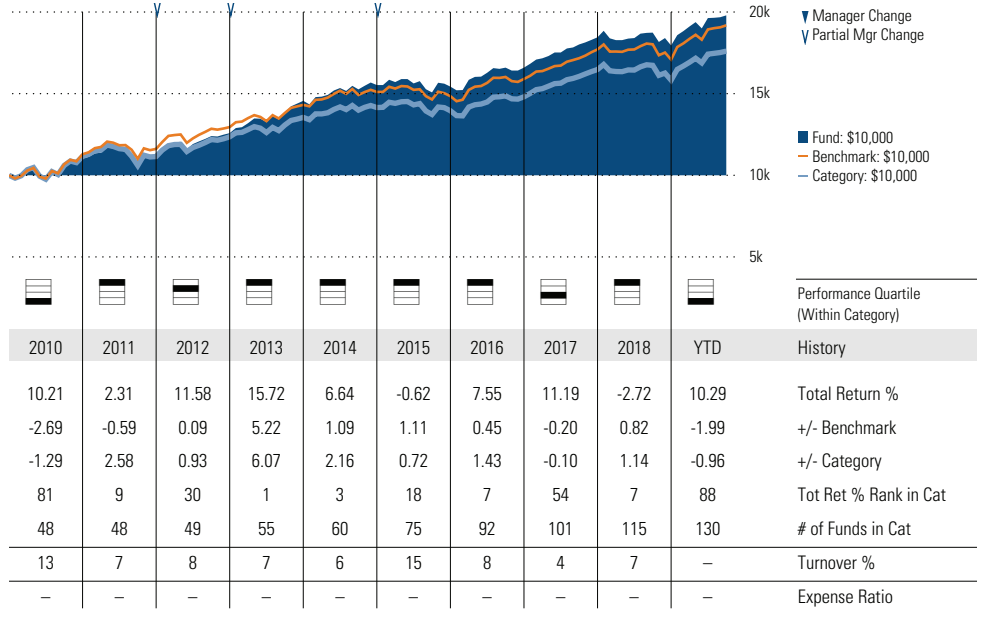
✔ **Performance:** The fund has finished in the Target-Date 2015 category's top three quartiles in 8 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 12.67 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.33 is 50.75% lower than the Target-Date 2015 category average.

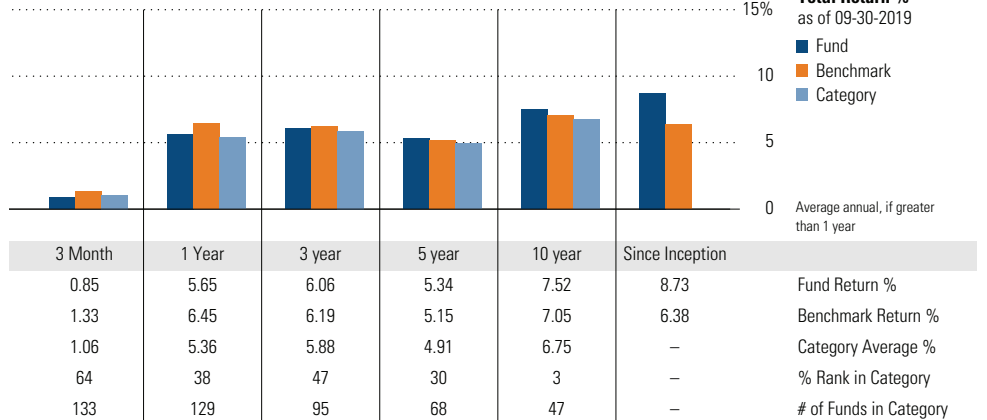
## Growth of \$10,000



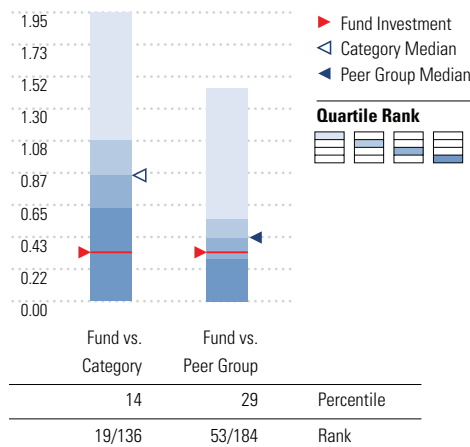
## Morningstar Investment Management LLC Analysis

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## 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	0.41	-	-0.19
Beta	0.91	-	0.97
R-Squared	95.01	-	95.51
Standard Deviation	4.89	5.23	5.21
Sharpe Ratio	0.90	0.87	0.80
Tracking Error	1.19	-	1.16
Information Ratio	-0.11	-	-0.27
Up Capture Ratio	93.64	-	95.13
Down Capture Ratio	87.63	-	96.58

## Portfolio Metrics

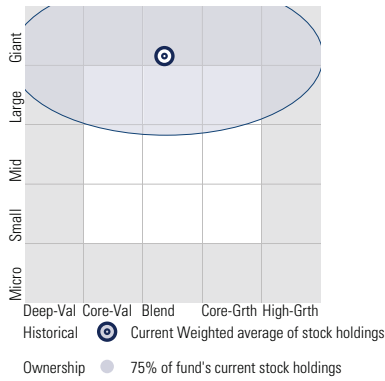
	Fund	Bmark	Cat
Price/Earnings Ratio	18.08	17.69	18.05
Price/Book Ratio	2.62	2.14	2.28
Avg Eff Duration	4.48	-	4.51

# American Funds 2015 Trgt Date Retire R6 RFJTX

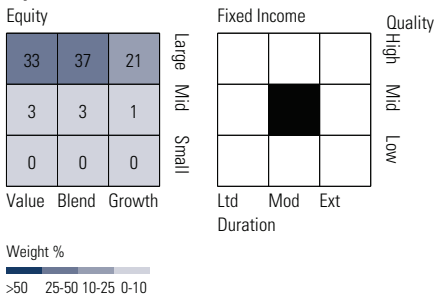
**Morningstar Category**  
Target-Date 2015

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

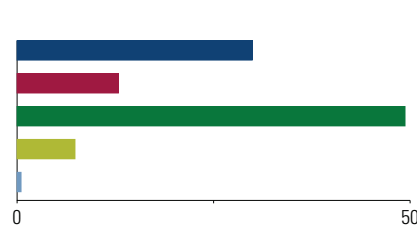
**Style Analysis** as of 09-30-2019  
Morningstar Style Box™



**Style Breakdown**

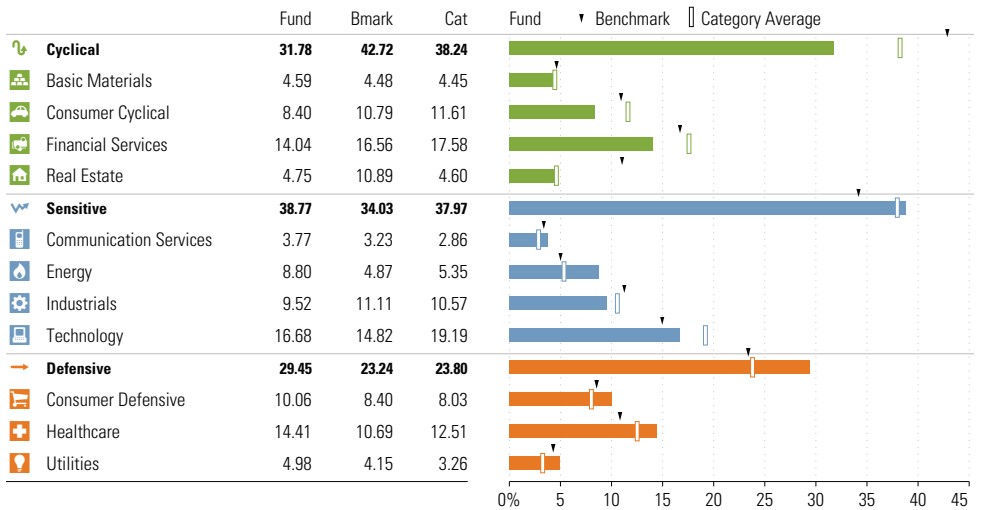


**Asset Allocation** as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	29.91	25.80
Non-US Stocks	12.89	14.69
Bonds	49.35	51.70
Cash	7.36	5.95
Other	0.50	1.86
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2019



**Top 10 Holdings** as of 09-30-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds Income Fund of Amer R6	-	11.88	11.88	-	-
⊕ American Funds Capital Income Bldr R6	-	11.88	23.75	-	-
⊕ American Funds Interm Bd Fd of Amer R6	-	9.01	32.76	-	-
⊕ American Funds Bond Fund of Amer R6	-	8.02	40.78	-	-
⊕ American Funds Inflation Linked Bd R6	-	6.97	47.75	-	-
⊖ American Funds American Mutual R6	-	6.04	53.79	-	-
⊕ American Funds Mortgage R6	-	6.01	59.79	-	-
⊖ American Funds Washington Mutual R6	-	5.00	64.79	-	-
⊕ American Funds US Government Sec R6	-	5.00	69.79	-	-
⊕ American Funds American High-Inc R6	-	4.99	74.78	-	-

**Total Holdings** 21

⊕ 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)

James Lovelace since 02-2007  
John Smet since 02-2007  
Alan Berro since 02-2007  
Andrew Suzman since 01-2012  
Wesley Phoa since 01-2012  
Bradley Vogt since 01-2012  
Jody Jonsson since 01-2015

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2020 category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 12.67 years.

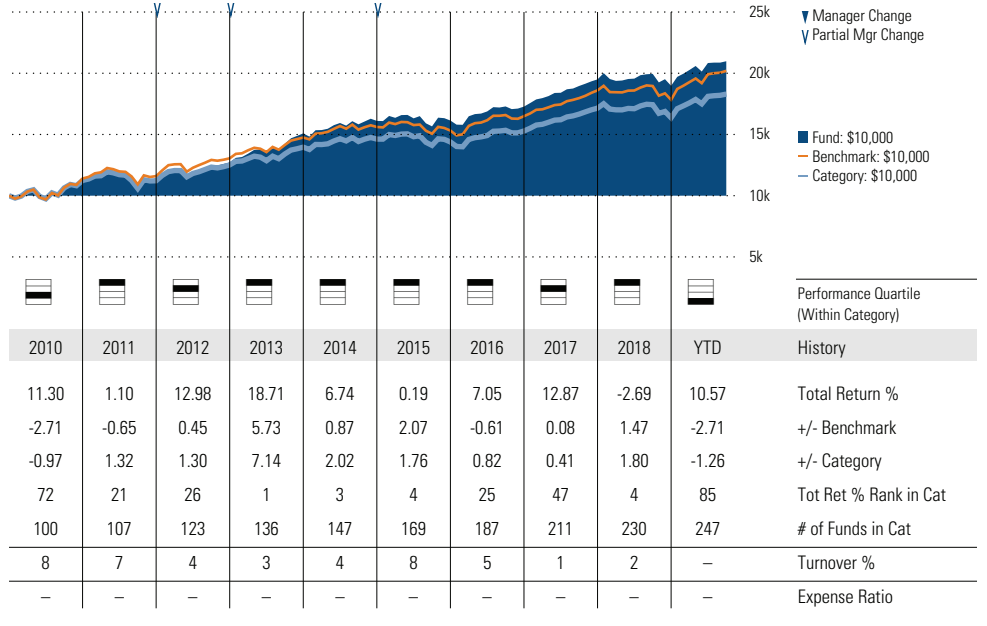
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.34 is 54.67% lower than the Target-Date 2020 category average.

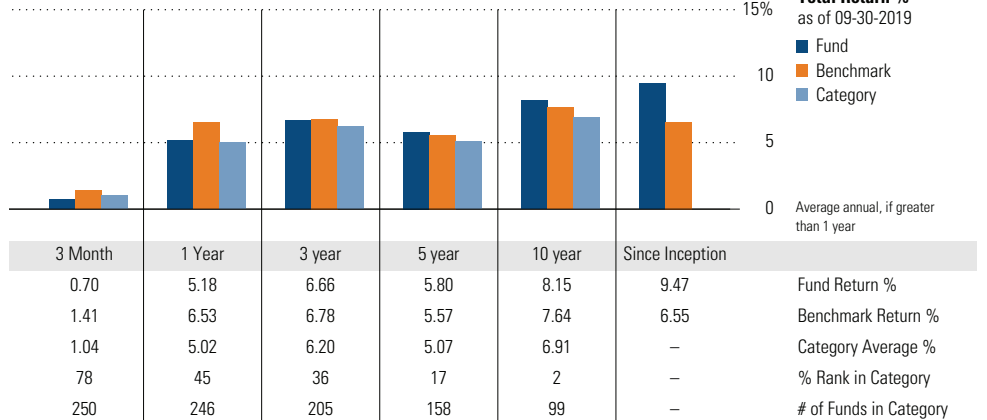
## Morningstar Investment Management LLC Analysis

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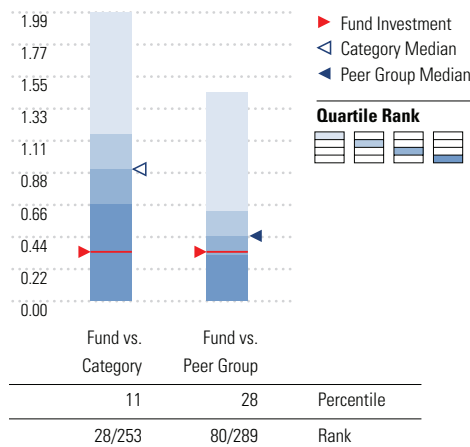
## Growth of \$10,000



## 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	0.60	-	-0.25
Beta	0.89	-	0.92
R-Squared	95.32	-	93.65
Standard Deviation	5.33	5.85	5.53
Sharpe Ratio	0.93	0.88	0.78
Tracking Error	1.32	-	1.51
Information Ratio	-0.09	-	-0.46
Up Capture Ratio	94.14	-	90.01
Down Capture Ratio	88.50	-	92.76

## Portfolio Metrics

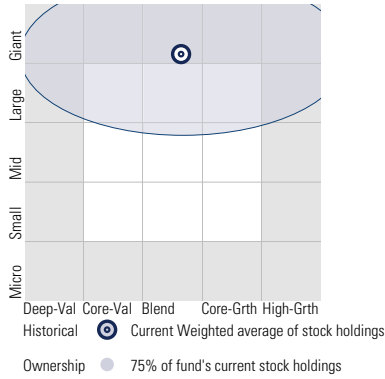
	Fund	Bmark	Cat
Price/Earnings Ratio	18.59	17.58	18.38
Price/Book Ratio	2.70	2.12	2.35
Avg Eff Duration	4.49	-	6.22

# American Funds 2020 Trgt Date Retire R6 RRCTX

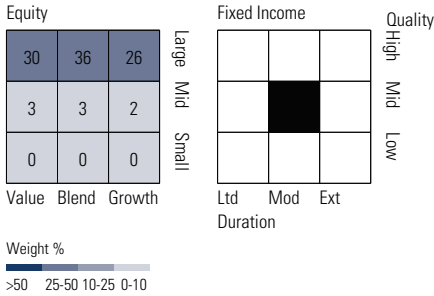
**Morningstar Category**  
Target-Date 2020

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

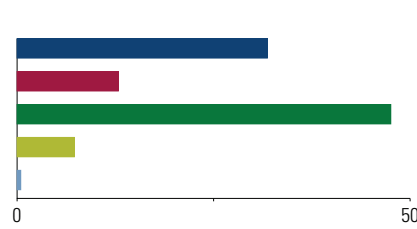
**Style Analysis** as of 09-30-2019  
Morningstar Style Box™



**Style Breakdown**

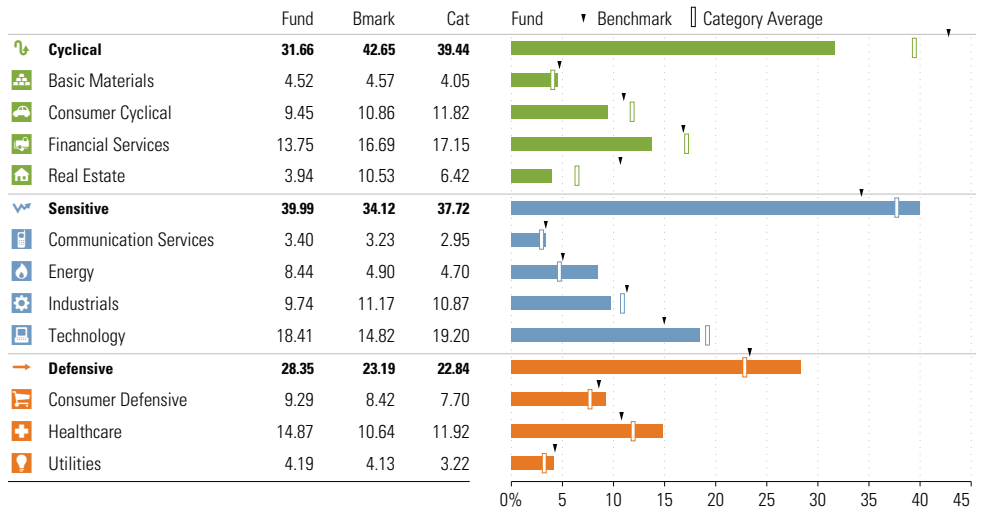


**Asset Allocation** as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	31.84	27.74
Non-US Stocks	12.88	12.68
Bonds	47.54	52.55
Cash	7.28	4.57
Other	0.46	2.47
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2019



**Top 10 Holdings** as of 09-30-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds Inter Bd Fd of Amer R6	—	8.98	8.98	—	—
⊕ American Funds Income Fund of Amer R6	—	8.62	17.59	—	—
⊕ American Funds Capital Income Bldr R6	—	8.60	26.20	—	—
⊕ American Funds Bond Fund of Amer R6	—	7.83	34.03	—	—
⊕ American Funds Inflation Linked Bd R6	—	6.84	40.87	—	—
⊕ American Funds American Mutual R6	—	6.06	46.93	—	—
⊕ American Funds Mortgage R6	—	5.91	52.83	—	—
⊕ American Funds Washington Mutual R6	—	5.09	57.92	—	—
⊕ American Funds Invmt Co of Amer R6	—	5.05	62.97	—	—
⊕ American Funds US Government Sec R6	—	5.00	67.97	—	—

**Total Holdings** 22

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# American Funds 2025 Trgt Date Retire R6 RFDTX

**Morningstar Category**  
Target-Date 2025

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

## Portfolio Manager(s)

James Lovelace since 02-2007  
 Alan Berro since 02-2007  
 John Smet since 02-2007  
 Andrew Suzman since 01-2012  
 Bradley Vogt since 01-2012  
 Wesley Phoa since 01-2012  
 Jody Jonsson since 01-2015

## Quantitative Screens

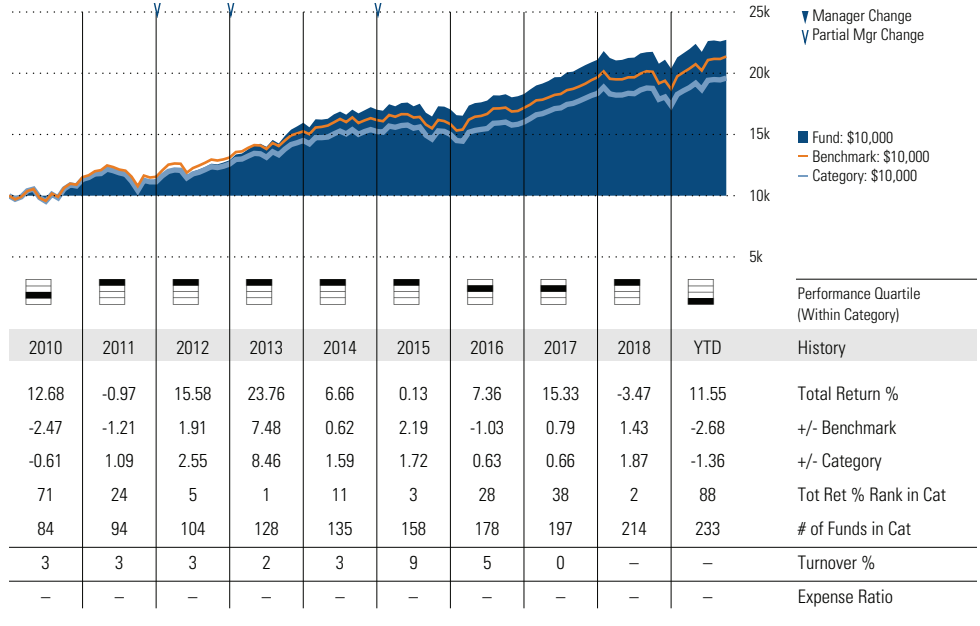
✔ **Performance:** The fund has finished in the Target-Date 2025 category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 12.67 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.36 is 51.35% lower than the Target-Date 2025 category average.

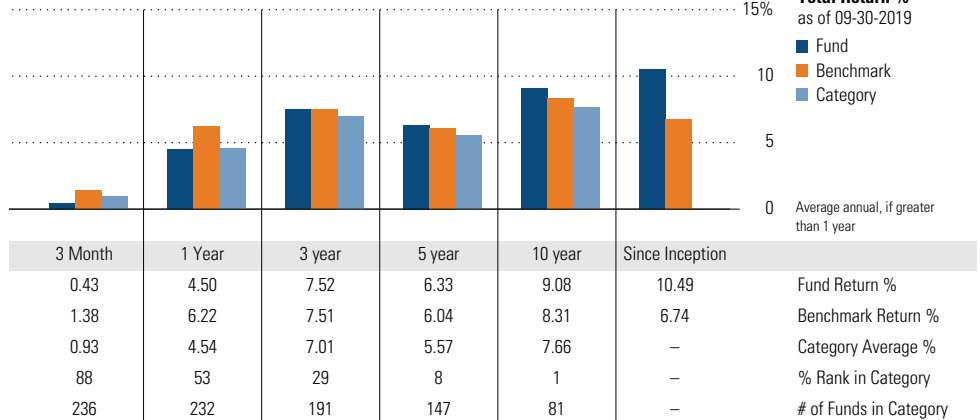
## Growth of \$10,000



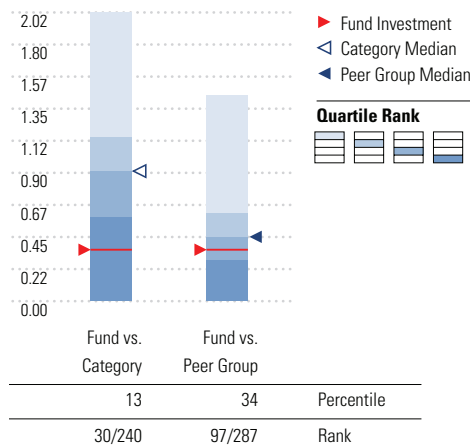
## Morningstar Investment Management LLC Analysis

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

## 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	0.40	-	-0.47
Beta	0.95	-	0.99
R-Squared	95.52	-	96.65
Standard Deviation	6.45	6.67	6.69
Sharpe Ratio	0.91	0.88	0.79
Tracking Error	1.41	-	1.36
Information Ratio	0.00	-	-0.45
Up Capture Ratio	99.71	-	96.48
Down Capture Ratio	99.24	-	102.40

## Portfolio Metrics

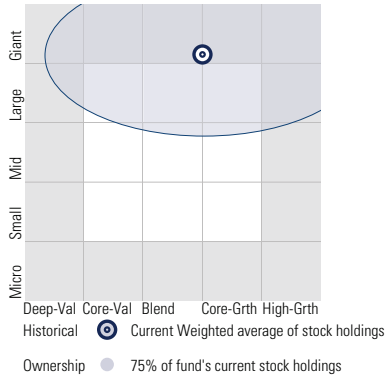
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.95	17.46	18.20
Price/Book Ratio	2.71	2.09	2.30
Avg Eff Duration	4.71	-	6.28

# American Funds 2025 Trgt Date Retire R6 RFDTX

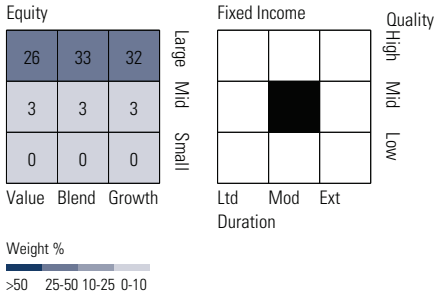
**Morningstar Category**  
Target-Date 2025

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

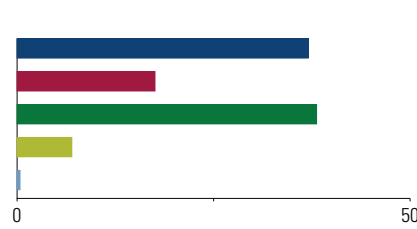
**Style Analysis** as of 09-30-2019  
Morningstar Style Box™



**Style Breakdown**

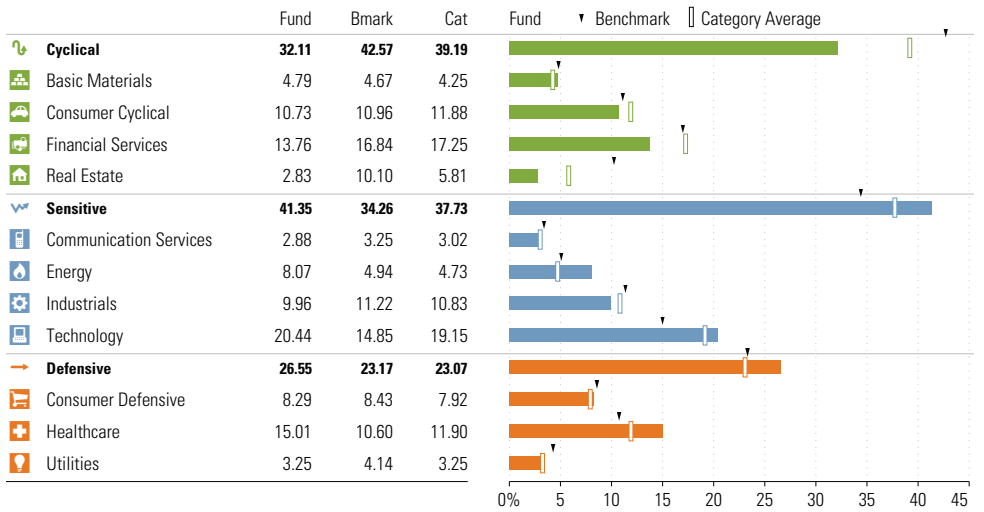


**Asset Allocation** as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	37.04	34.59
Non-US Stocks	17.54	17.91
Bonds	38.10	40.17
Cash	6.96	3.56
Other	0.37	3.78
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2019



**Top 10 Holdings** as of 09-30-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds Interm Bd Fd of Amer R6	—	8.79	8.79	—	—
⊕ American Funds Washington Mutual R6	—	6.11	14.90	—	—
⊕ American Funds US Government Sec R6	—	6.07	20.98	—	—
⊕ American Funds Invmt Co of Amer R6	—	6.03	27.00	—	—
⊕ American Funds American Mutual R6	—	6.03	33.03	—	—
⊕ American Funds Global Balanced R6	—	5.99	39.02	—	—
⊕ American Funds American Balanced R6	—	5.99	45.01	—	—
⊕ American Funds Fundamental Invs R6	—	5.05	50.06	—	—
⊕ American Funds Mortgage R6	—	5.02	55.08	—	—
⊕ American Funds Capital World Gr&Inc R6	—	4.99	60.07	—	—

**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)

Alan Berro since 02-2007  
James Lovelace since 02-2007  
John Smet since 02-2007  
Wesley Phoa since 01-2012  
Andrew Suzman since 01-2012  
Bradley Vogt since 01-2012  
Jody Jonsson since 01-2015

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2030 category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 12.67 years.

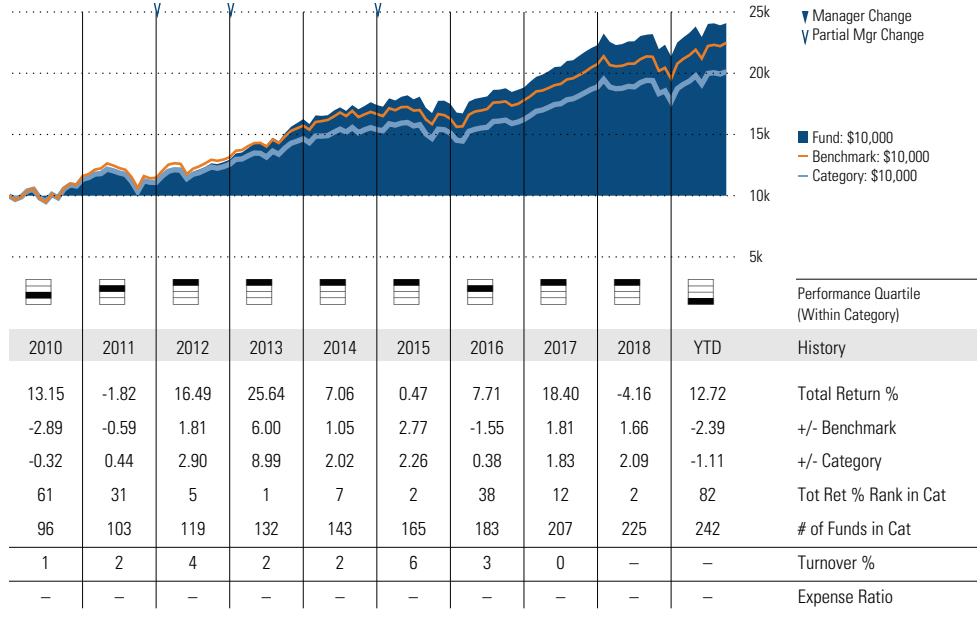
✔ **Style:** The fund has landed in its primary style box — Large Blend — 81.82 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.38 is 51.28% lower than the Target-Date 2030 category average.

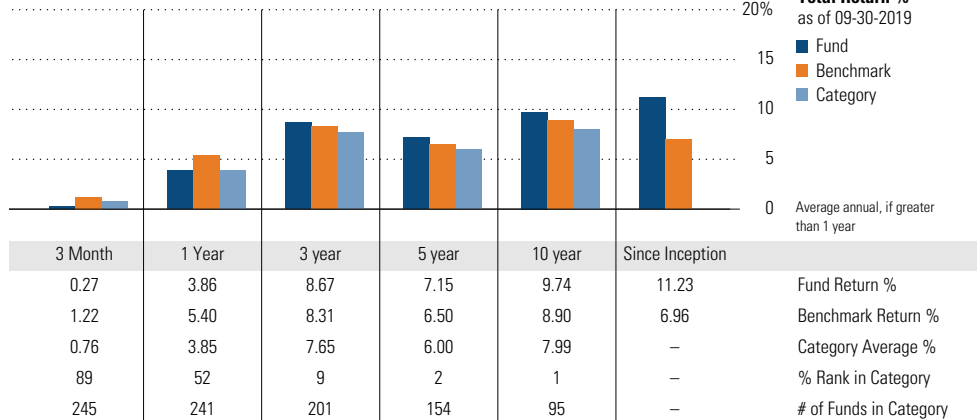
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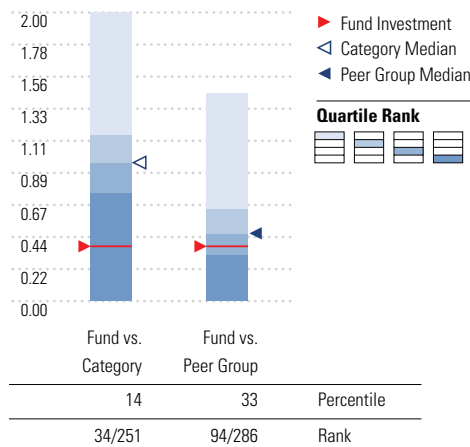
## Growth of \$10,000



## 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

Metric	Fund	Bmark	Cat
Alpha	0.57	-	-0.62
Beta	0.97	-	0.98
R-Squared	96.24	-	96.14
Standard Deviation	7.69	7.77	7.78
Sharpe Ratio	0.91	0.86	0.76
Tracking Error	1.51	-	1.48
Information Ratio	0.24	-	-0.50
Up Capture Ratio	101.61	-	95.88
Down Capture Ratio	98.59	-	102.42

## Portfolio Metrics

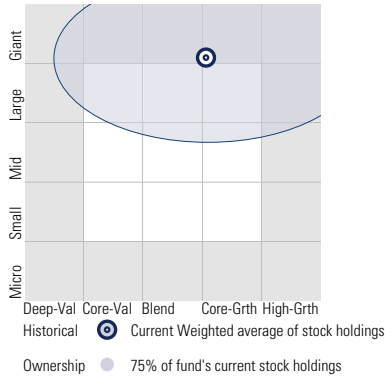
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.02	17.33	18.10
Price/Book Ratio	2.73	2.07	2.27
Avg Eff Duration	4.82	-	6.38

# American Funds 2030 Trgt Date Retire R6 RFETX

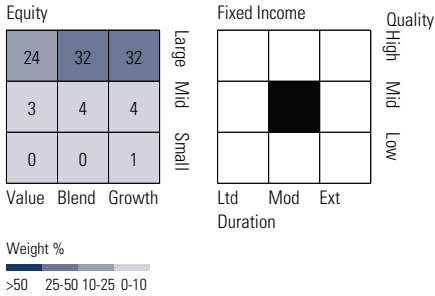
**Morningstar Category**  
Target-Date 2030

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

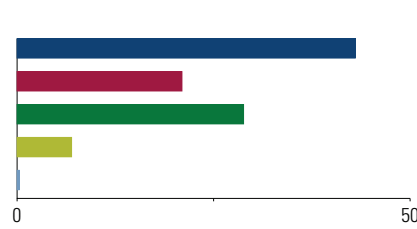
**Style Analysis** as of 09-30-2019  
Morningstar Style Box™



**Style Breakdown**

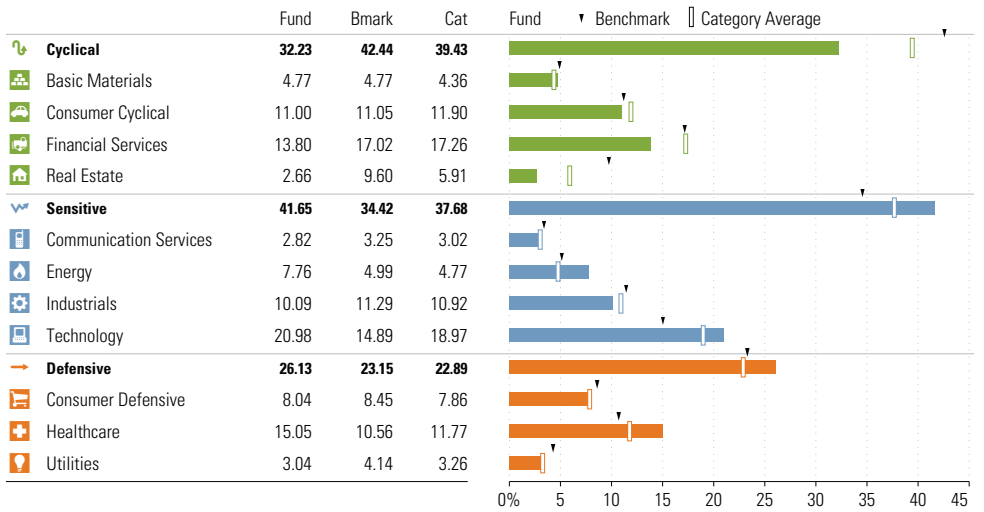


**Asset Allocation** as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	43.02	41.63
Non-US Stocks	20.97	22.54
Bonds	28.81	29.51
Cash	6.93	2.98
Other	0.26	3.35
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2019



**Top 10 Holdings** as of 09-30-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds Washington Mutual R6	—	8.01	8.01	—	—
⊕ American Funds US Government Sec R6	—	7.13	15.13	—	—
⊕ American Funds Invmt Co of Amer R6	—	6.96	22.10	—	—
⊕ American Funds American Mutual R6	—	6.00	28.10	—	—
⊕ American Funds American Balanced R6	—	6.00	34.10	—	—
⊕ American Funds Fundamental Invs R6	—	5.99	40.09	—	—
⊕ American Funds Global Balanced R6	—	5.96	46.05	—	—
⊕ American Funds Capital World Gr&Inc R6	—	4.98	51.03	—	—
⊕ American Funds New Perspective R6	—	4.88	55.91	—	—
⊕ American Funds Mortgage R6	—	4.79	60.70	—	—

**Total Holdings** 23

⊕ 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)

Alan Berro since 02-2007  
John Smet since 02-2007  
James Lovelace since 02-2007  
Wesley Phoa since 01-2012  
Bradley Vogt since 01-2012  
Andrew Suzman since 01-2012  
Jody Jonsson since 01-2015

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2035 category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 12.67 years.

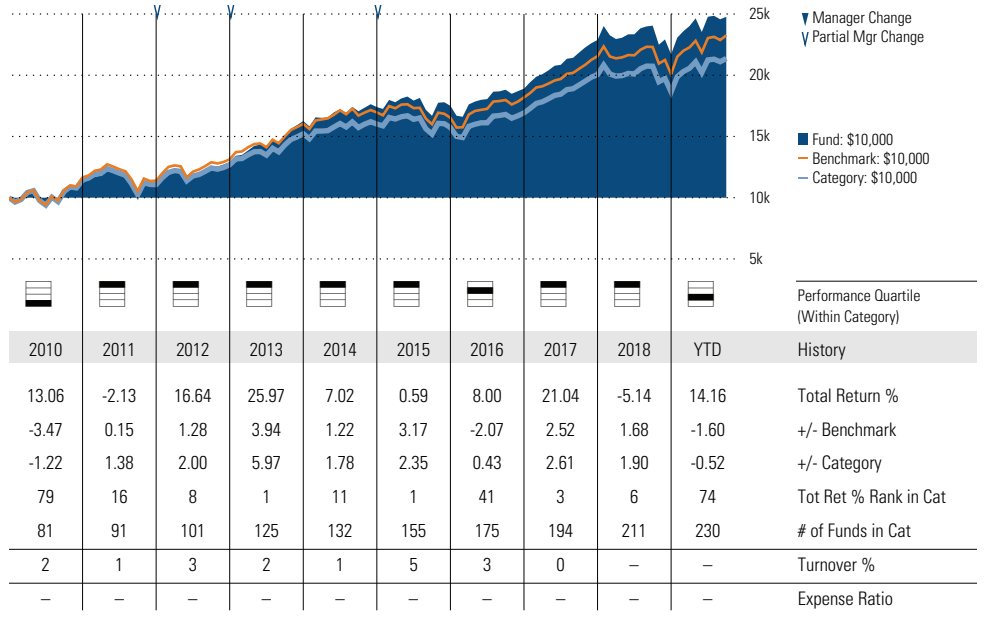
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.39 is 49.35% lower than the Target-Date 2035 category average.

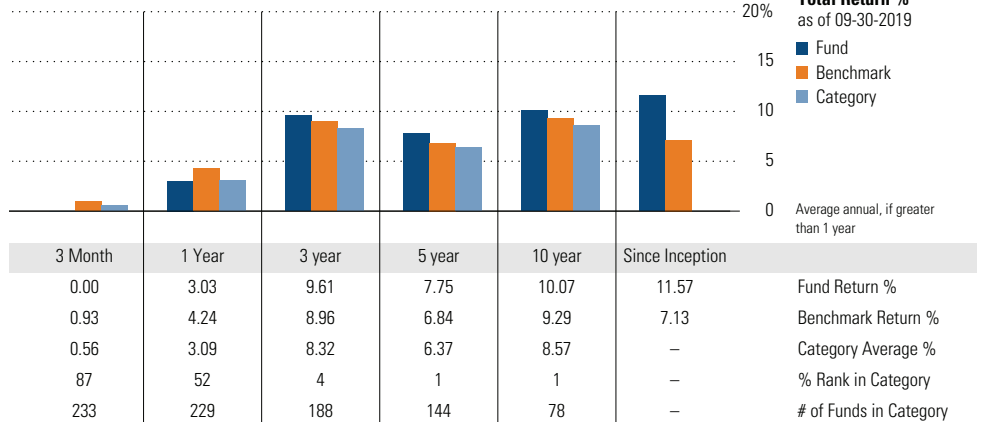
## Morningstar Investment Management LLC Analysis

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.

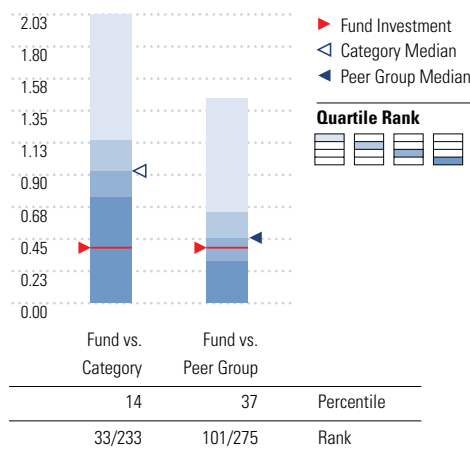
## Growth of \$10,000



## 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	0.61	-	-0.52
Beta	1.00	-	0.99
R-Squared	96.82	-	98.11
Standard Deviation	9.11	8.95	8.90
Sharpe Ratio	0.88	0.82	0.76
Tracking Error	1.63	-	1.32
Information Ratio	0.40	-	-0.53
Up Capture Ratio	103.80	-	96.38
Down Capture Ratio	100.34	-	100.63

## Portfolio Metrics

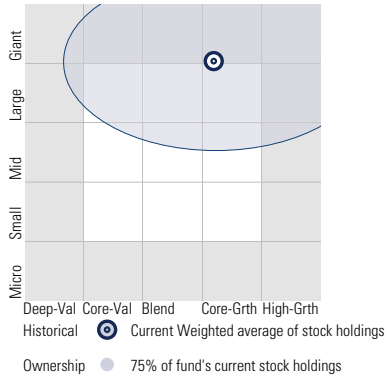
	Fund	Bmark	Cat
Price/Earnings Ratio	19.32	17.21	17.27
Price/Book Ratio	2.79	2.05	2.16
Avg Eff Duration	5.14	-	5.34

# American Funds 2035 Trgt Date Retire R6 RFFTX

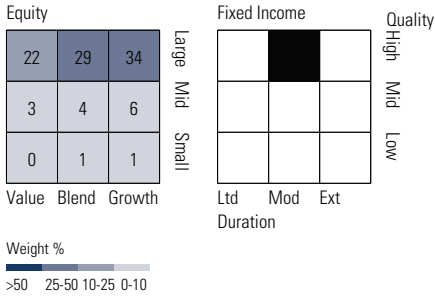
**Morningstar Category**  
Target-Date 2035

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

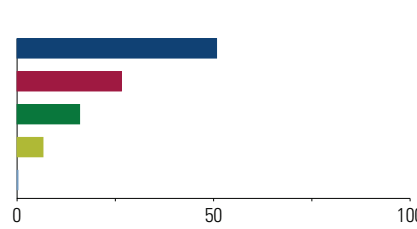
**Style Analysis** as of 09-30-2019  
Morningstar Style Box™



**Style Breakdown**

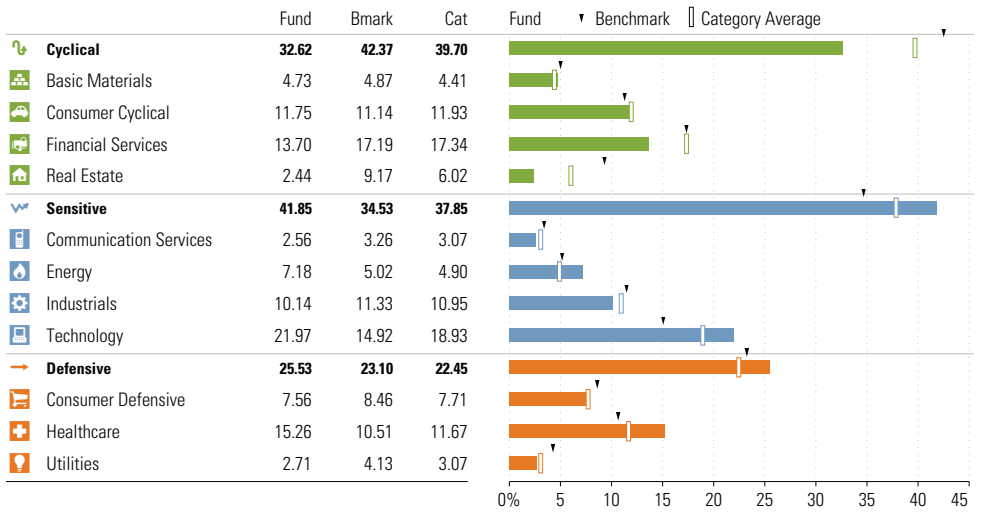


**Asset Allocation** as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	50.75	47.20
Non-US Stocks	26.54	26.19
Bonds	15.90	18.71
Cash	6.58	3.13
Other	0.22	4.77
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2019



**Top 10 Holdings** as of 09-30-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds Washington Mutual R6	-	8.00	8.00	-	-
⊕ American Funds US Government Sec R6	-	7.96	15.97	-	-
⊕ American Funds Invmt Co of Amer R6	-	6.98	22.95	-	-
⊕ American Funds New Perspective R6	-	6.97	29.92	-	-
⊕ American Funds American Mutual R6	-	6.03	35.95	-	-
⊕ American Funds American Balanced R6	-	6.03	41.98	-	-
⊕ American Funds Growth Fund of Amer R6	-	6.02	48.00	-	-
⊕ American Funds AMCAP R6	-	6.01	54.01	-	-
⊕ American Funds SMALLCAP World R6	-	6.01	60.02	-	-
⊕ American Funds Global Balanced R6	-	5.99	66.01	-	-

**Total Holdings** 20

⊕ 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)

John Smet since 02-2007  
 Alan Berro since 02-2007  
 James Lovelace since 02-2007  
 Wesley Phoa since 01-2012  
 Andrew Suzman since 01-2012  
 Bradley Vogt since 01-2012  
 Jody Jonsson since 01-2015

## 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 12.67 years.

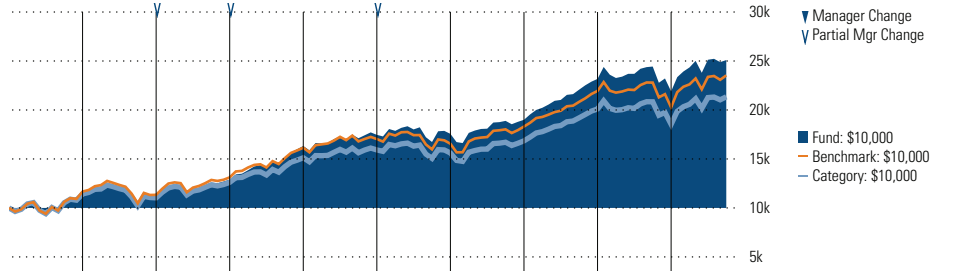
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.4 is 50% lower than the Target-Date 2040 category average.

## Morningstar Investment Management LLC Analysis

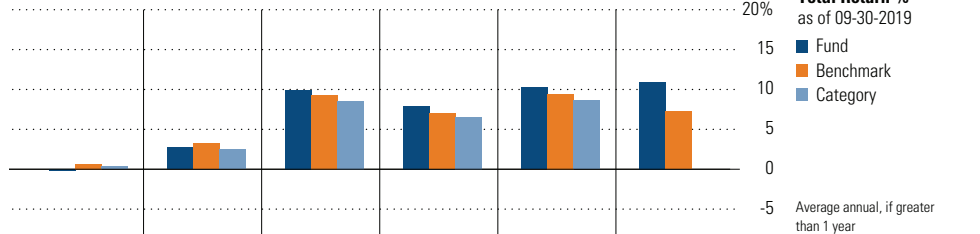
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Growth of \$10,000



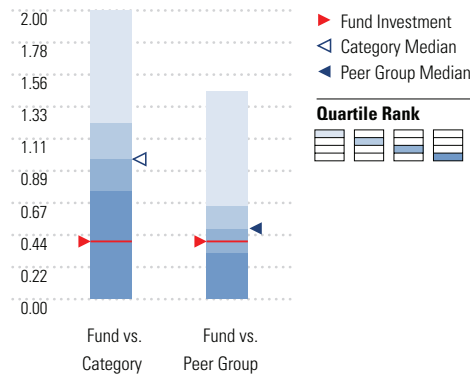
2010	2011	2012	2013	2014	2015	2016	2017	2018	YTD	History
13.01	-2.28	16.71	26.66	6.96	0.58	8.17	21.98	-5.52	14.62	Total Return %
-3.70	0.57	1.00	3.61	1.45	3.41	-2.44	2.11	2.13	-1.49	+/- Benchmark
-1.36	1.21	2.07	6.69	1.71	2.57	0.22	2.46	2.22	-0.52	+/- Category
75	16	9	1	15	1	39	6	4	68	Tot Ret % Rank in Cat
96	103	119	132	143	165	183	207	225	242	# of Funds in Cat
2	1	2	2	1	5	2	0	-	-	Turnover %
-	-	-	-	-	-	-	-	-	-	Expense Ratio

## Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	
-0.13	2.70	9.93	7.95	10.22	10.91	Fund Return %
0.66	3.23	9.30	6.98	9.42	7.23	Benchmark Return %
0.37	2.50	8.58	6.56	8.64	-	Category Average %
87	40	3	1	1	-	% Rank in Category
245	241	201	154	95	-	# of Funds in Category

## Net Expense



Fund vs. Category	Fund vs. Peer Group	Percentile Rank
14	36	
35/245	101/281	

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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.94	-	-0.43
Beta	0.96	-	0.96
R-Squared	97.00	-	96.58
Standard Deviation	9.61	9.87	9.57
Sharpe Ratio	0.87	0.79	0.72
Tracking Error	1.71	-	1.57
Information Ratio	0.37	-	-0.53
Up Capture Ratio	100.46	-	93.86
Down Capture Ratio	94.58	-	97.01

## Portfolio Metrics

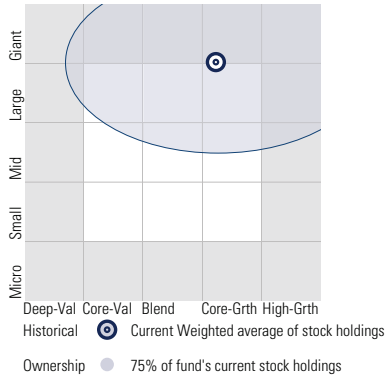
	Fund	Bmark	Cat
Price/Earnings Ratio	19.41	17.11	18.01
Price/Book Ratio	2.81	2.03	2.25
Avg Eff Duration	5.20	-	6.43

# American Funds 2040 Trgt Date Retire R6 RFGTX

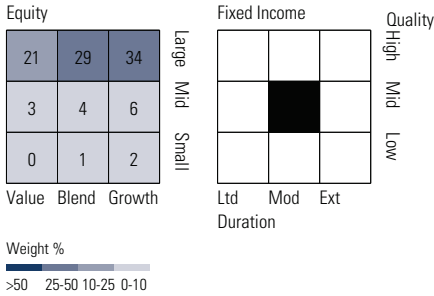
**Morningstar Category**  
Target-Date 2040

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

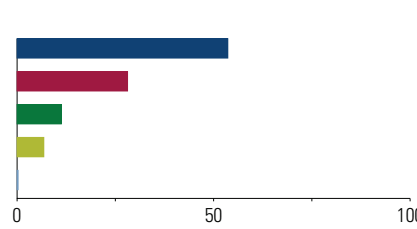
**Style Analysis** as of 09-30-2019  
Morningstar Style Box™



**Style Breakdown**

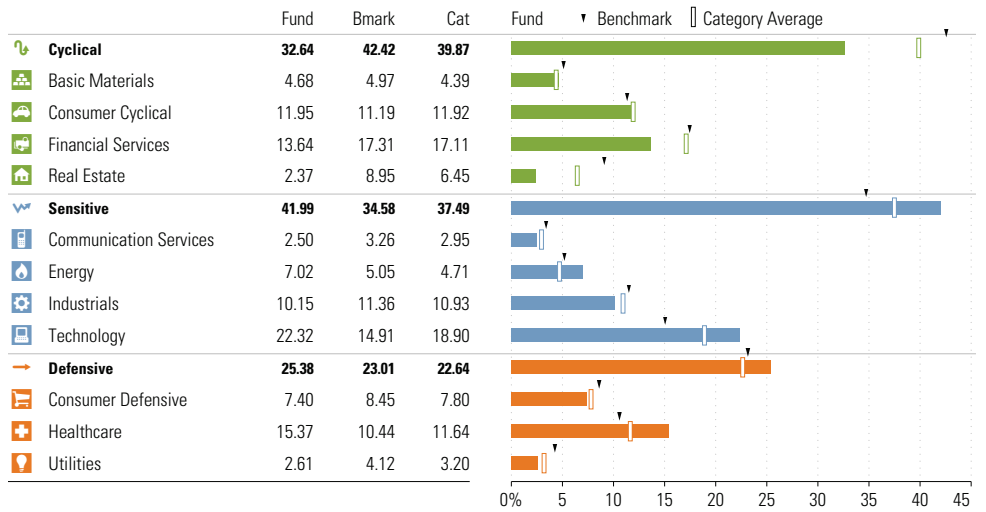


**Asset Allocation** as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	53.61	52.14
Non-US Stocks	28.10	29.49
Bonds	11.25	12.45
Cash	6.79	2.74
Other	0.25	3.17
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2019



**Top 10 Holdings** as of 09-30-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds Washington Mutual R6	—	8.01	8.01	—	—
⊕ American Funds Invmt Co of Amer R6	—	7.04	15.05	—	—
⊕ American Funds New Perspective R6	—	6.97	22.02	—	—
⊕ American Funds Growth Fund of Amer R6	—	6.96	28.98	—	—
⊕ American Funds SMALLCAP World R6	—	6.96	35.94	—	—
⊕ American Funds AMCAP R6	—	6.96	42.89	—	—
⊕ American Funds American Mutual R6	—	6.09	48.98	—	—
⊕ American Funds American Balanced R6	—	6.03	55.01	—	—
⊕ American Funds Fundamental Invs R6	—	6.03	61.04	—	—
⊕ American Funds Global Balanced R6	—	5.95	66.99	—	—

**Total Holdings 19**

⊕ 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)

James Lovelace since 02-2007  
 Alan Berro since 02-2007  
 John Smet since 02-2007  
 Wesley Phoa since 01-2012  
 Bradley Vogt since 01-2012  
 Andrew Suzman since 01-2012  
 Jody Jonsson since 01-2015

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2045 category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 12.67 years.

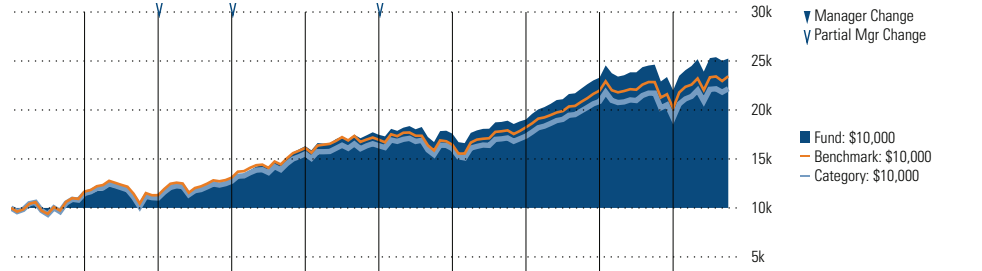
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.4 is 48.72% lower than the Target-Date 2045 category average.

## Morningstar Investment Management LLC Analysis

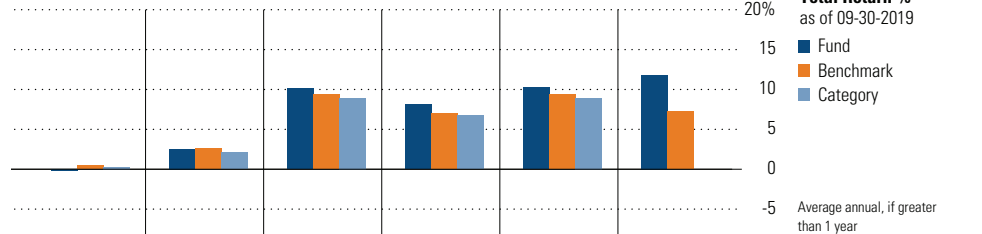
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Growth of \$10,000



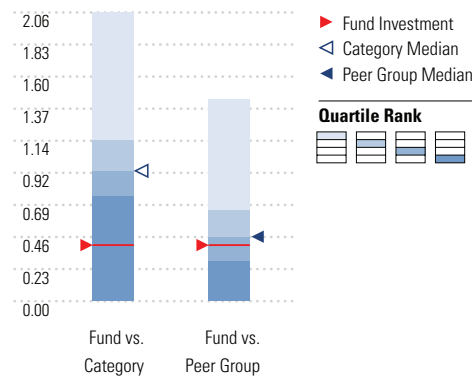
2010	2011	2012	2013	2014	2015	2016	2017	2018	YTD	History
12.98	-2.29	16.80	26.51	7.09	0.64	8.27	22.44	-5.58	14.75	Total Return %
-3.78	0.90	0.96	3.44	1.84	3.67	-2.57	1.91	2.59	-1.43	+/- Benchmark
-1.62	1.81	1.49	4.51	1.74	2.51	0.34	1.93	2.56	-0.90	+/- Category
84	11	12	2	13	1	45	8	3	74	Tot Ret % Rank in Cat
80	90	100	124	132	155	175	194	211	230	# of Funds in Cat
4	1	3	2	1	5	3	0	-	-	Turnover %
-	-	-	-	-	-	-	-	-	-	Expense Ratio

## Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	
-0.19	2.52	10.12	8.09	10.28	11.79	Fund Return %
0.46	2.62	9.37	6.97	9.38	7.26	Benchmark Return %
0.27	2.10	8.91	6.72	8.94	-	Category Average %
83	35	2	1	1	-	% Rank in Category
233	229	188	144	77	-	# of Funds in Category

## Net Expense



Fund vs. Category	Fund vs. Peer Group	Percentile
15	39	
35/233	107/276	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	1.24	-	-0.33
Beta	0.94	-	0.98
R-Squared	96.78	-	98.35
Standard Deviation	9.83	10.33	10.19
Sharpe Ratio	0.87	0.76	0.72
Tracking Error	1.88	-	1.34
Information Ratio	0.40	-	-0.44
Up Capture Ratio	98.99	-	96.45
Down Capture Ratio	91.05	-	98.60

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	19.43	17.02	18.10
Price/Book Ratio	2.81	2.01	2.26
Avg Eff Duration	5.22	-	6.46

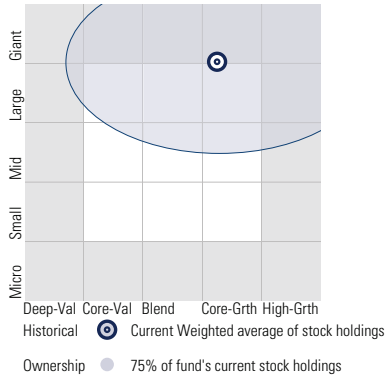
# American Funds 2045 Trgt Date Retire R6 RFHTX

**Morningstar Category**  
Target-Date 2045

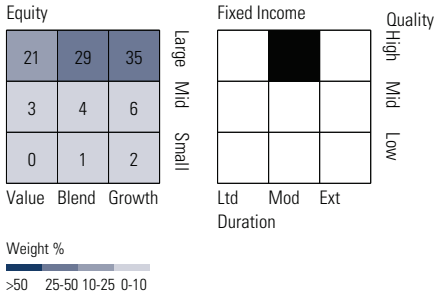
**Morningstar Index**  
Morningstar Lifetime Mod 2045 TR USD

## Style Analysis as of 09-30-2019

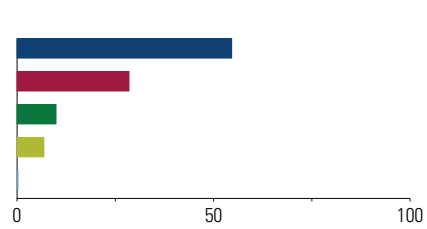
Morningstar Style Box™



## Style Breakdown

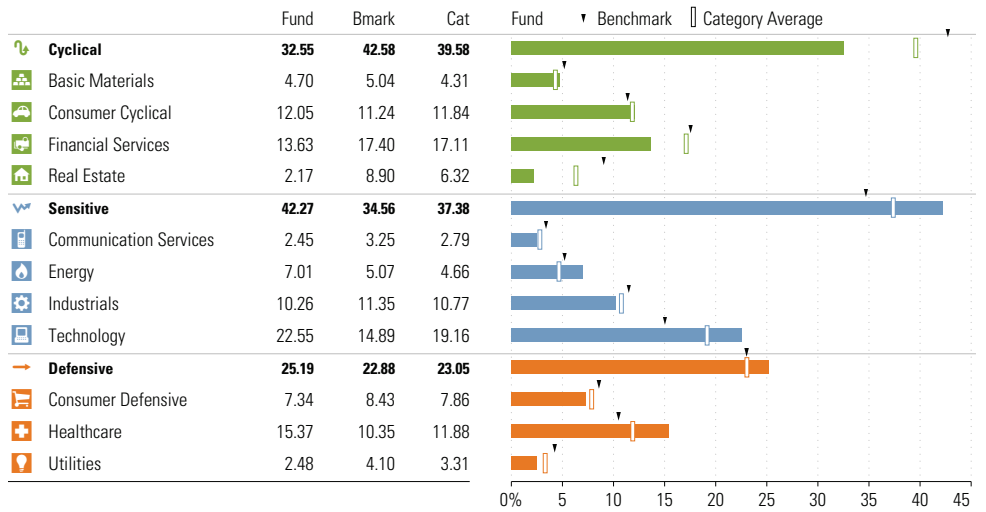


## Asset Allocation as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	54.59	56.09
Non-US Stocks	28.47	32.39
Bonds	9.90	6.94
Cash	6.81	2.43
Other	0.22	2.14
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2019



## Top 10 Holdings as of 09-30-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds Washington Mutual R6	-	8.05	8.05	-	-
⊕ American Funds Invmt Co of Amer R6	-	8.03	16.08	-	-
⊕ American Funds American Mutual R6	-	7.09	23.17	-	-
⊕ American Funds Fundamental Invs R6	-	7.02	30.19	-	-
⊕ American Funds New Perspective R6	-	6.98	37.17	-	-
⊕ American Funds Growth Fund of Amer R6	-	6.98	44.15	-	-
⊕ American Funds AMCAP R6	-	6.98	51.12	-	-
⊕ American Funds SMALLCAP World R6	-	6.98	58.10	-	-
⊕ American Funds Capital World Gr&Inc R6	-	6.04	64.14	-	-
⊕ American Funds American Balanced R6	-	5.98	70.12	-	-

## 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)

John Smet since 02-2007  
 Alan Berro since 02-2007  
 James Lovelace since 02-2007  
 Wesley Phoa since 01-2012  
 Andrew Suzman since 01-2012  
 Bradley Vogt since 01-2012  
 Jody Jonsson since 01-2015

## Quantitative Screens

**Performance:** The fund has finished in the Target-Date 2050 category's top three quartiles in 8 of the 10 years it's been in existence.

**Management:** The fund's management has been in place for 12.67 years.

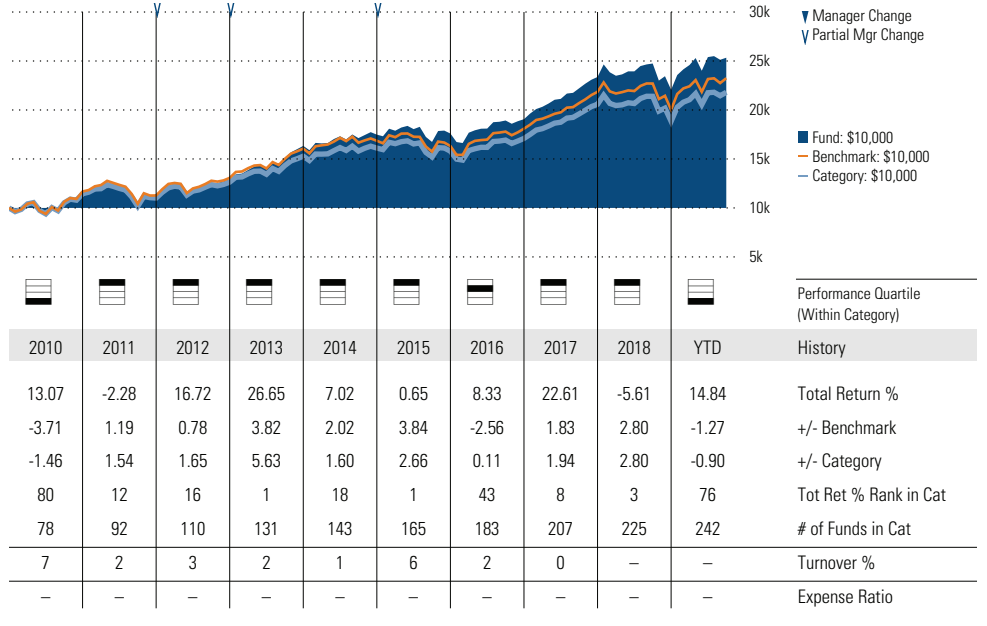
**Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

**Net Expense:** The fund's expense ratio of 0.41 is 49.38% lower than the Target-Date 2050 category average.

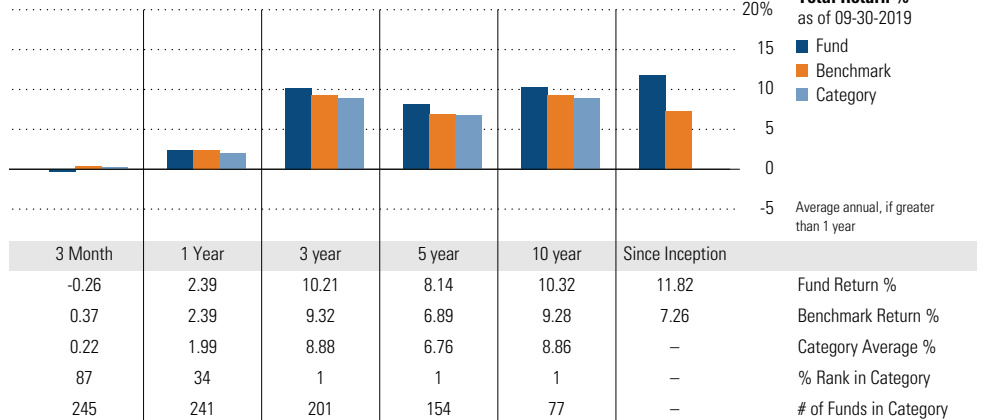
## Morningstar Investment Management LLC Analysis

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.

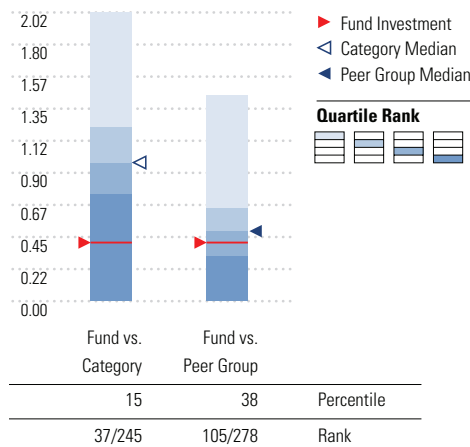
## Growth of \$10,000



## 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	1.37	-	-0.28
Beta	0.94	-	0.97
R-Squared	96.72	-	96.67
Standard Deviation	9.95	10.45	10.28
Sharpe Ratio	0.87	0.75	0.70
Tracking Error	1.92	-	1.58
Information Ratio	0.46	-	-0.36
Up Capture Ratio	99.35	-	95.71
Down Capture Ratio	90.56	-	97.71

## Portfolio Metrics

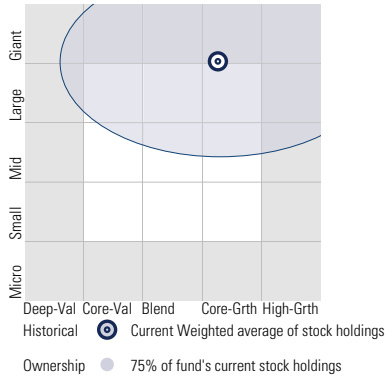
	Fund	Bmark	Cat
Price/Earnings Ratio	19.49	16.95	18.24
Price/Book Ratio	2.82	1.99	2.27
Avg Eff Duration	5.25	-	6.60

# American Funds 2050 Trgt Date Retire R6 RFITX

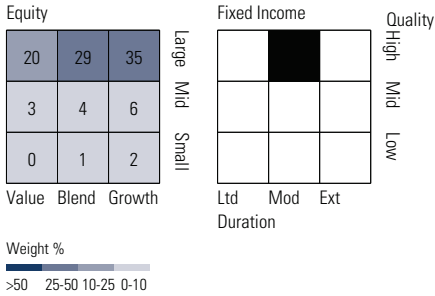
**Morningstar Category**  
Target-Date 2050

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

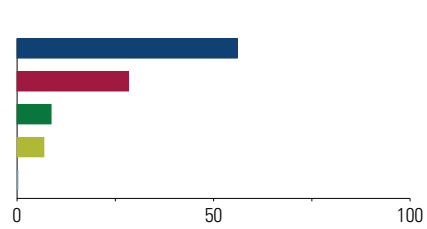
**Style Analysis** as of 09-30-2019  
Morningstar Style Box™



**Style Breakdown**

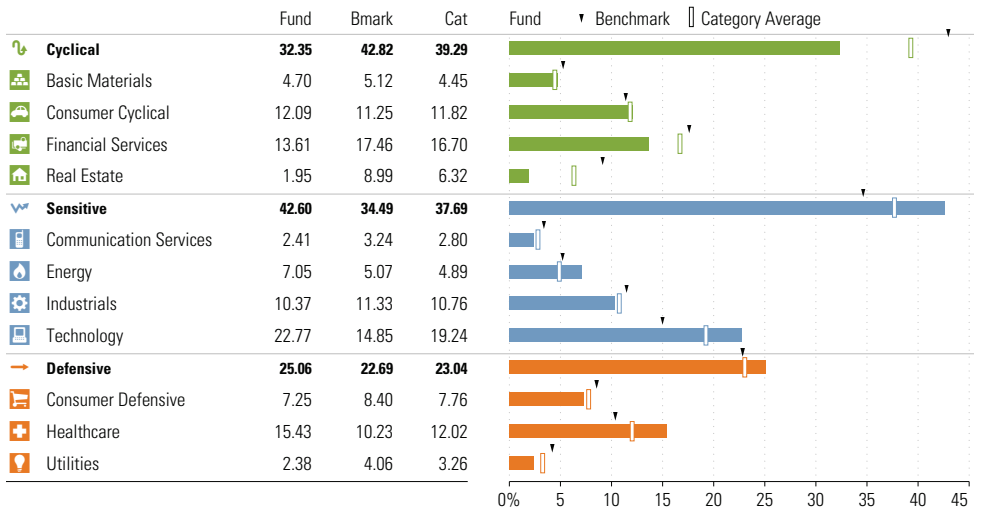


**Asset Allocation** as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	56.02	55.91
Non-US Stocks	28.35	33.11
Bonds	8.64	6.09
Cash	6.80	2.77
Other	0.19	2.11
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2019



**Top 10 Holdings** as of 09-30-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds Washington Mutual R6	-	9.01	9.01	-	-
⊕ American Funds Invmt Co of Amer R6	-	8.99	18.01	-	-
⊕ American Funds American Mutual R6	-	8.05	26.06	-	-
⊕ American Funds Fundamental Invs R6	-	7.98	34.04	-	-
⊕ American Funds Capital World Gr&Inc R6	-	7.00	41.03	-	-
⊕ American Funds New Perspective R6	-	6.98	48.02	-	-
⊕ American Funds Growth Fund of Amer R6	-	6.98	55.00	-	-
⊕ American Funds AMCAP R6	-	6.98	61.97	-	-
⊕ American Funds SMALLCAP World R6	-	6.96	68.93	-	-
⊕ American Funds US Government Sec R6	-	5.05	73.98	-	-

**Total Holdings 17**

⊕ 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)

Alan Berro since 02-2010  
James Lovelace since 02-2010  
John Smet since 02-2010  
Andrew Suzman since 01-2012  
Bradley Vogt since 01-2012  
Wesley Phoa since 01-2012  
Jody Jonsson since 01-2015

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2055 category's top three quartiles in 8 of the 9 years it's been in existence.

✔ **Management:** The fund's management has been in place for 9.67 years.

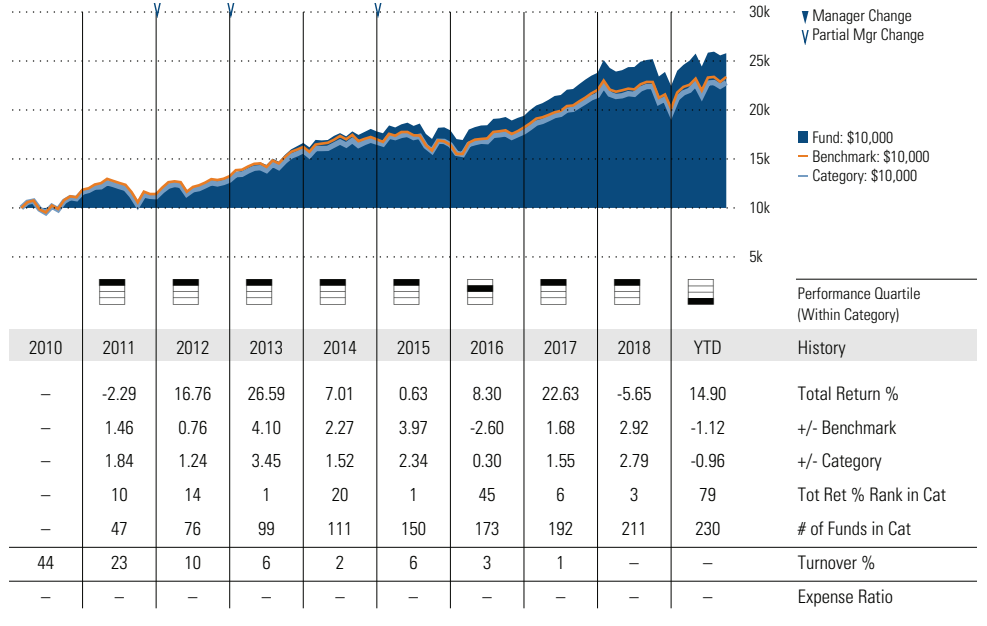
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.42 is 46.15% lower than the Target-Date 2055 category average.

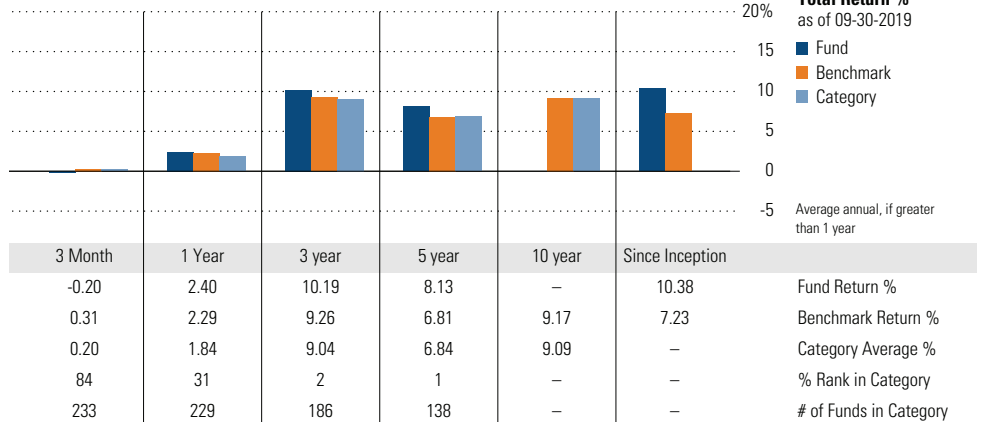
## Morningstar Investment Management LLC Analysis

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.

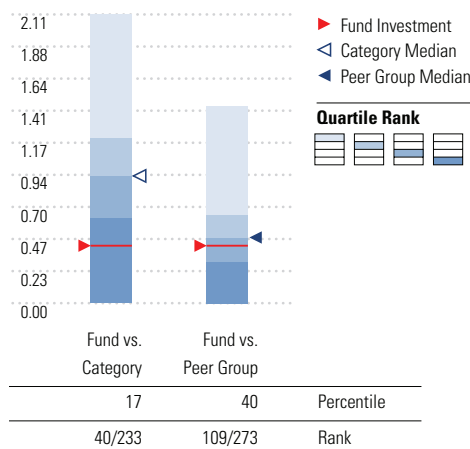
## Growth of \$10,000



## 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	1.40	-	-0.19
Beta	0.94	-	0.99
R-Squared	96.82	-	98.37
Standard Deviation	9.99	10.49	10.46
Sharpe Ratio	0.86	0.74	0.72
Tracking Error	1.90	-	1.35
Information Ratio	0.49	-	-0.25
Up Capture Ratio	99.54	-	98.09
Down Capture Ratio	90.59	-	99.36

## Portfolio Metrics

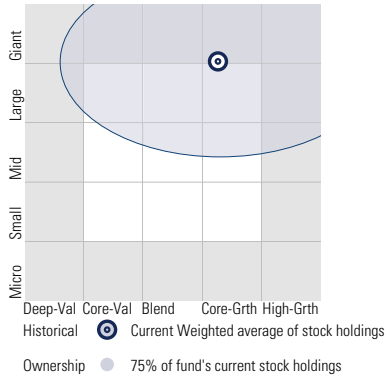
	Fund	Bmark	Cat
Price/Earnings Ratio	19.49	16.88	17.99
Price/Book Ratio	2.82	1.98	2.24
Avg Eff Duration	5.25	-	6.45

# American Funds 2055 Trgt Date Retire R6 RFKTX

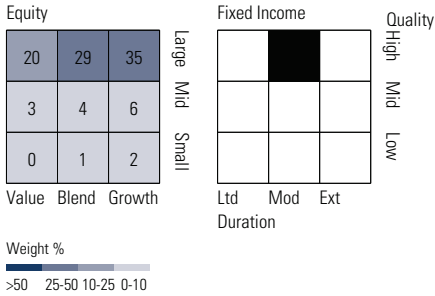
**Morningstar Category**  
Target-Date 2055

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

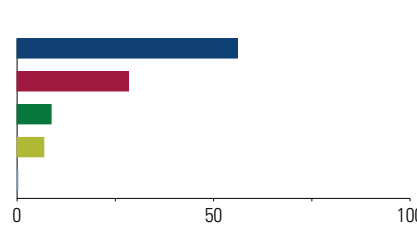
**Style Analysis** as of 09-30-2019  
Morningstar Style Box™



**Style Breakdown**

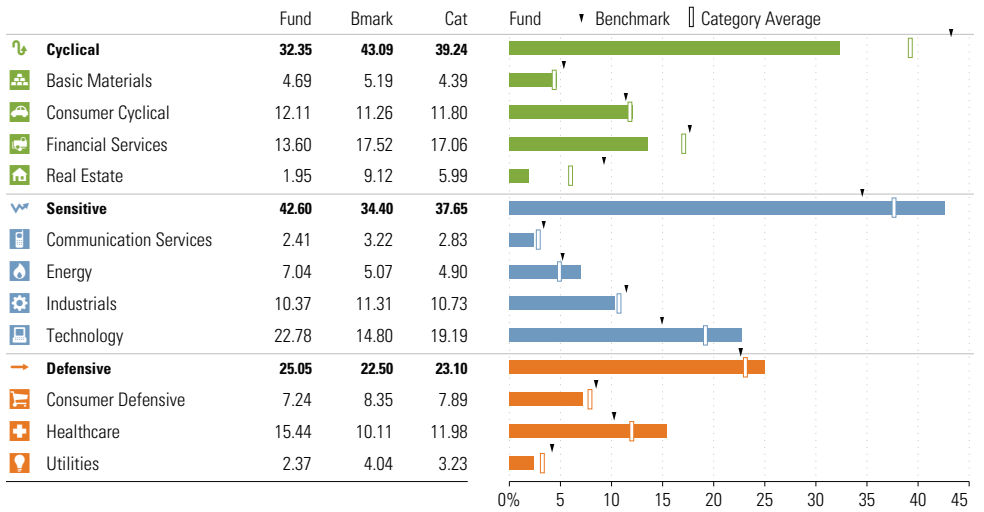


**Asset Allocation** as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	56.02	56.00
Non-US Stocks	28.34	34.03
Bonds	8.65	6.05
Cash	6.79	2.72
Other	0.19	1.19
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2019



**Top 10 Holdings** as of 09-30-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds Washington Mutual R6	—	8.99	8.99	—	—
⊕ American Funds Invmt Co of Amer R6	—	8.98	17.97	—	—
⊕ American Funds American Mutual R6	—	8.03	26.01	—	—
⊕ American Funds Fundamental Invs R6	—	7.98	33.99	—	—
⊕ American Funds Growth Fund of Amer R6	—	6.99	40.98	—	—
⊕ American Funds New Perspective R6	—	6.99	47.97	—	—
⊕ American Funds SMALLCAP World R6	—	6.99	54.97	—	—
⊕ American Funds AMCAP R6	—	6.99	61.96	—	—
⊕ American Funds Capital World Gr&Inc R6	—	6.98	68.94	—	—
⊕ American Funds US Government Sec R6	—	5.08	74.02	—	—

**Total Holdings 17**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# American Funds 2060 Trgt Date Retire R6 RFUTX

**Morningstar Category**  
Target-Date 2060+

**Morningstar Index**  
Morningstar Lifetime Mod 2060 TR USD

## Portfolio Manager(s)

John Smet since 03-2015  
 Wesley Phoa since 03-2015  
 Jody Jonsson since 03-2015  
 Andrew Suzman since 03-2015  
 Alan Berro since 03-2015  
 James Lovelace since 03-2015  
 Bradley Vogt since 03-2015

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2060+ category's top three quartiles in 3 of the 4 years it's been in existence.

✔ **Management:** The fund's management has been in place for 4.52 years.

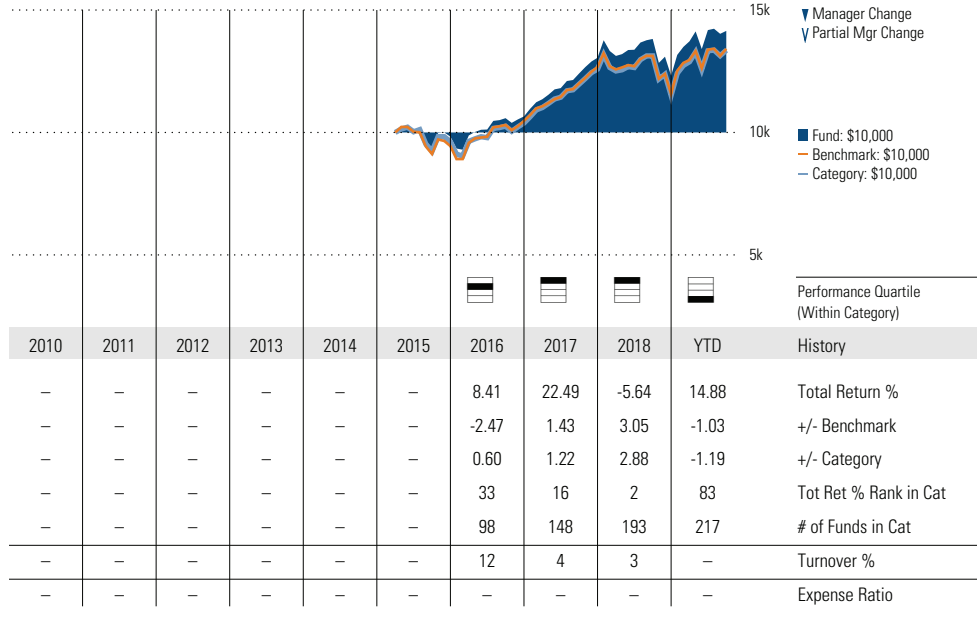
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.44 is 45.68% lower than the Target-Date 2060+ category average.

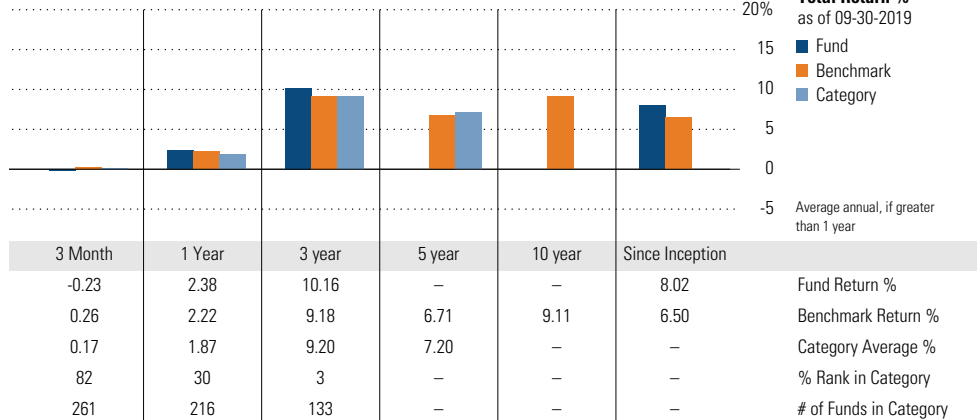
## Morningstar Investment Management LLC Analysis

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.

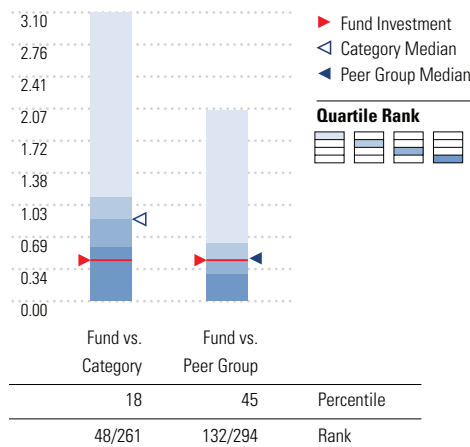
## Growth of \$10,000



## 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	1.45	-	-0.02
Beta	0.94	-	1.00
R-Squared	96.91	-	98.24
Standard Deviation	9.96	10.48	10.53
Sharpe Ratio	0.86	0.74	0.73
Tracking Error	1.88	-	1.41
Information Ratio	0.52	-	-0.08
Up Capture Ratio	99.37	-	99.52
Down Capture Ratio	89.81	-	99.74

## Portfolio Metrics

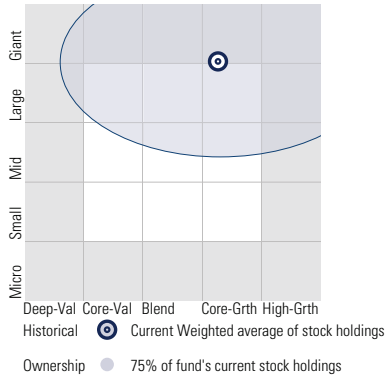
	Fund	Bmark	Cat
Price/Earnings Ratio	19.49	16.81	17.87
Price/Book Ratio	2.82	1.96	2.21
Avg Eff Duration	5.25	-	6.85

# American Funds 2060 Trgt Date Retire R6 RFUTX

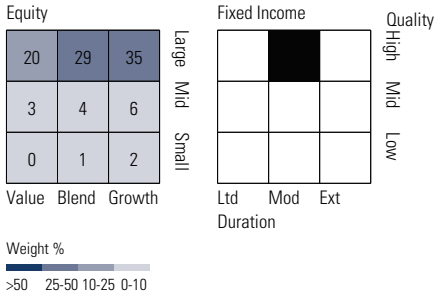
**Morningstar Category**  
Target-Date 2060+

**Morningstar Index**  
Morningstar Lifetime Mod 2060 TR USD

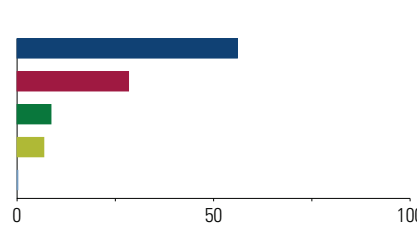
**Style Analysis** as of 09-30-2019  
Morningstar Style Box™



**Style Breakdown**

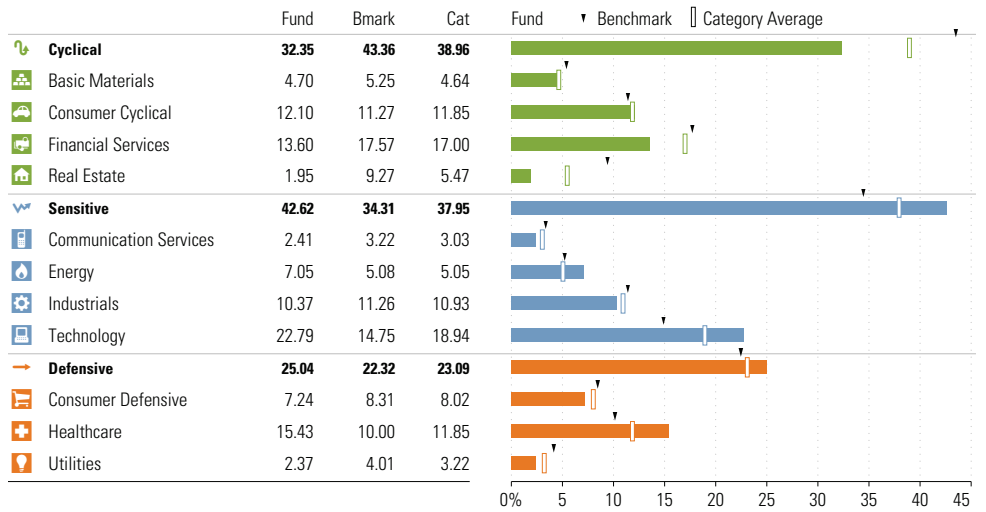


**Asset Allocation** as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	56.05	54.63
Non-US Stocks	28.35	34.04
Bonds	8.61	7.40
Cash	6.79	2.59
Other	0.19	1.33
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2019



**Top 10 Holdings** as of 09-30-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds Washington Mutual R6	-	9.00	9.00	-	-
⊕ American Funds Invmt Co of Amer R6	-	9.00	18.00	-	-
⊕ American Funds American Mutual R6	-	8.00	26.00	-	-
⊕ American Funds Fundamental Invs R6	-	8.00	34.00	-	-
⊕ American Funds Growth Fund of Amer R6	-	7.00	41.00	-	-
⊕ American Funds AMCAP R6	-	7.00	48.00	-	-
⊕ American Funds New Perspective R6	-	7.00	55.00	-	-
⊕ American Funds SMALLCAP World R6	-	7.00	62.00	-	-
⊕ American Funds Capital World Gr&Inc R6	-	7.00	69.00	-	-
⊕ American Funds US Government Sec R6	-	5.04	74.04	-	-

**Total Holdings 17**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# American Funds American Balanced R6 RLBGX

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

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

## Portfolio Manager(s)

Hilda Applbaum since 01-1999  
 Gregory Johnson since 03-2003  
 Alan Berro since 03-2006  
 James Mulally since 03-2006  
 Jeffrey Lager since 03-2011  
 Michael Kerr since 03-2014  
 Paul Benjamin since 07-2014  
 Alan Wilson since 01-2016  
 John Queen since 07-2016  
 Pramod Atluri since 03-2018

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 20.76 years.

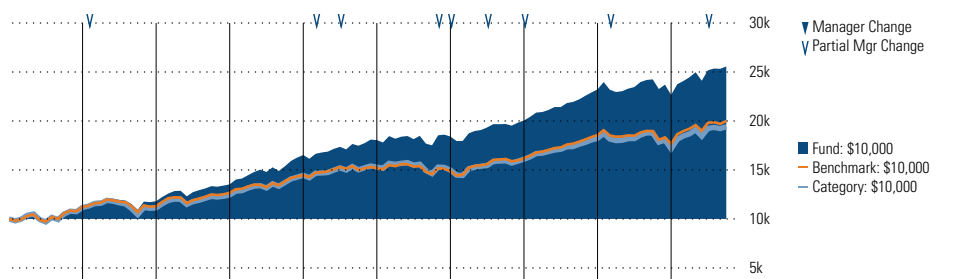
✘ **Style:** The fund has landed in its primary style box — Large Blend — 63.64 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.28 is 74.07% lower than the Allocation--50% to 70% Equity category average.

## Morningstar Investment Management LLC Analysis

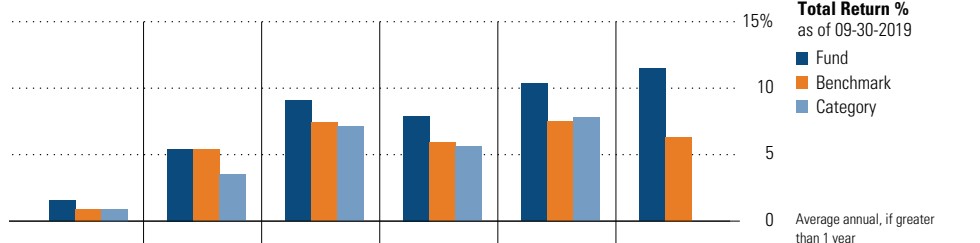
This fund fails our current style screen. However, as an allocation fund it is not expected to adhere to a strict style discipline, so the screen failure does not concern us and we are still comfortable using this fund.

## Growth of \$10,000



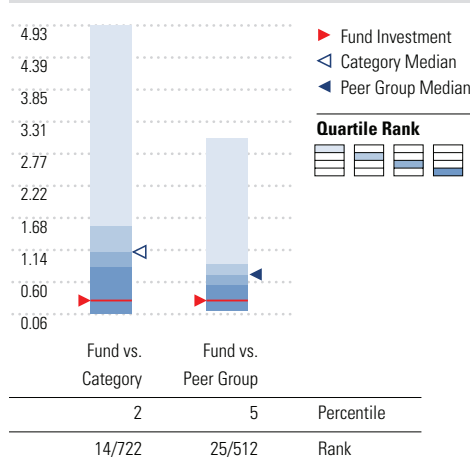
	2010	2011	2012	2013	2014	2015	2016	2017	2018	YTD	History
Performance Quartile (Within Category)	III	III	III	III	III	III	III	III	III	III	History
Total Return %	13.39	4.16	14.57	22.12	9.22	2.03	8.90	15.84	-2.42	12.80	Total Return %
+/- Benchmark	1.06	3.57	2.53	7.81	4.33	3.82	0.33	1.18	2.34	-0.31	+/- Benchmark
+/- Category	1.56	4.27	2.85	5.64	3.01	3.96	1.56	2.63	3.34	-0.62	+/- Category
Tot Ret % Rank in Cat	23	7	9	5	16	3	20	15	8	66	Tot Ret % Rank in Cat
# of Funds in Cat	434	454	481	547	561	585	641	662	706	718	# of Funds in Cat
Turnover %	37	47	54	55	68	82	79	95	72	-	Turnover %
Expense Ratio	-	-	0.30	0.29	0.29	0.29	0.29	0.28	0.28	-	Expense Ratio

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	
Fund Return %	1.54	5.43	9.09	7.91	10.37	11.50	Fund Return %
Benchmark Return %	0.92	5.41	7.43	5.91	7.51	6.32	Benchmark Return %
Category Average %	0.92	3.53	7.13	5.60	7.80	-	Category Average %
% Rank in Category	23	24	13	7	5	-	% Rank in Category
# of Funds in Category	731	716	659	582	427	-	# 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	1.55	-	-0.84
Beta	1.00	-	1.07
R-Squared	95.22	-	91.79
Standard Deviation	6.98	6.80	7.65
Sharpe Ratio	1.05	0.85	0.73
Tracking Error	1.53	-	2.29
Information Ratio	1.09	-	-0.21
Up Capture Ratio	109.21	-	102.61
Down Capture Ratio	94.19	-	111.49

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	19.74	16.75	18.72
Price/Book Ratio	2.81	1.98	2.51
Avg Eff Duration	6.00	-	4.83

# American Funds American Balanced R6 RLBGX

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

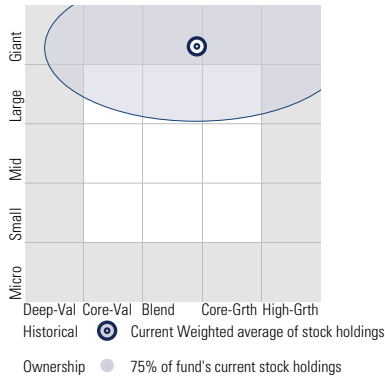
**Morningstar Index**

Morningstar Mod Tgt Risk TR USD

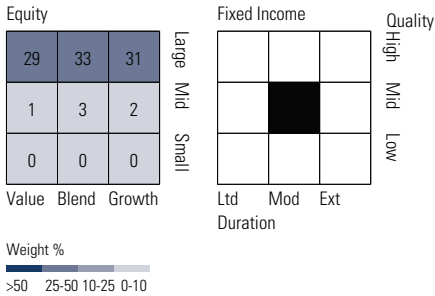
Equity

## Style Analysis as of 09-30-2019

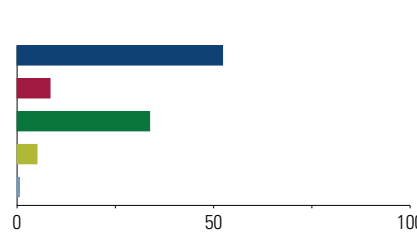
Morningstar Style Box™



## Style Breakdown

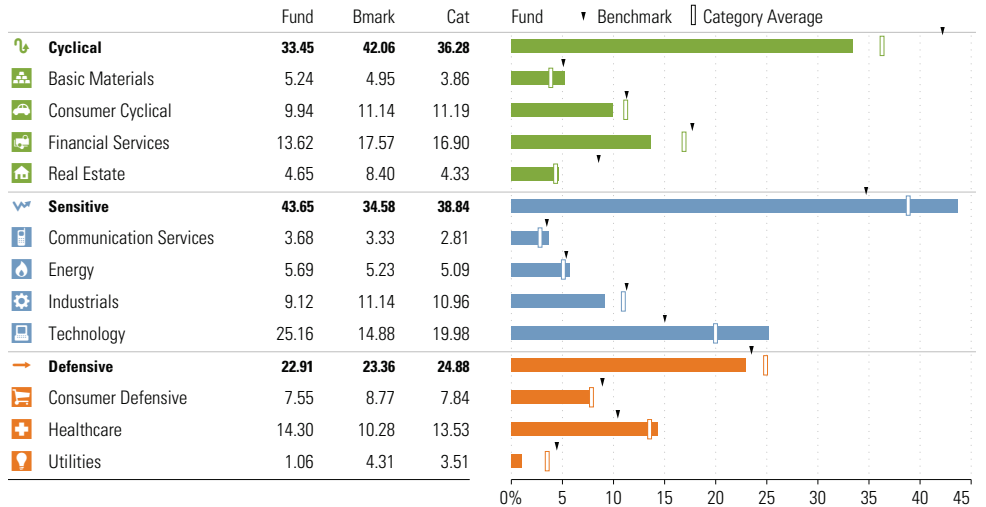


## Asset Allocation as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	52.28	45.96
Non-US Stocks	8.38	12.50
Bonds	33.72	34.50
Cash	5.06	5.14
Other	0.56	1.91
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2019



## Top 10 Holdings as of 09-30-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	—	5.20	5.20	—	—
Microsoft Corp	—	4.40	9.60	38.24	Technology
The Home Depot Inc	—	2.39	11.99	37.41	Consumer Cyclical
UnitedHealth Group Inc	—	2.36	14.35	-11.54	Healthcare
Berkshire Hathaway Inc A	—	1.72	16.07	1.91	Financial Services
Taiwan Semiconductor Manufacturing Co Ltd ADR	—	1.54	17.60	30.25	Technology
Boeing Co	—	1.51	19.11	19.89	Industrials
Broadcom Inc	—	1.39	20.50	11.70	Technology
Philip Morris International Inc	—	1.37	21.87	18.90	Consumer Defensive
Intel Corp	—	1.32	23.19	11.82	Technology

**Total Holdings 1731**

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# American Funds Capital World Gr&Inc R6 RWIGX

**Morningstar Category**  
World Large Stock

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

## Portfolio Manager(s)

Sung Lee since 02-2006  
L. Barroso since 02-2007  
David Riley since 02-2007  
Joyce Gordon since 02-2008  
Alex Sheynkman since 02-2014  
Michael Cohen since 11-2014  
Jin Lee since 02-2019  
Leo Hee since 10-2019

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 13.67 years.

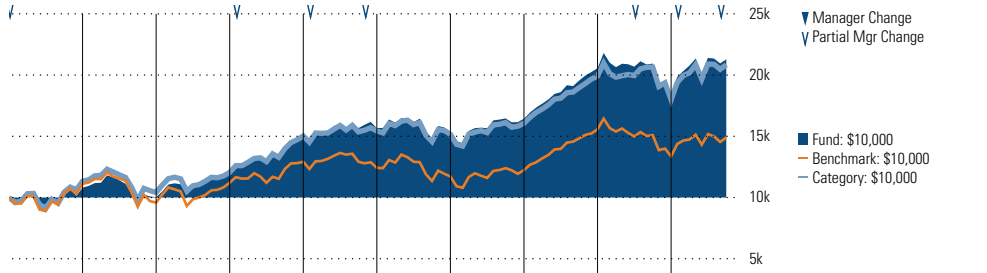
✔ **Style:** The fund has landed in its primary style box — Large Blend — 90.91 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.44 is 60.71% lower than the World Large Stock category average.

## Morningstar Investment Management LLC Analysis

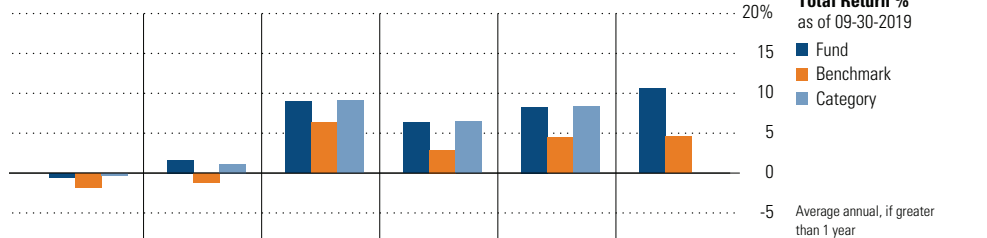
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Growth of \$10,000



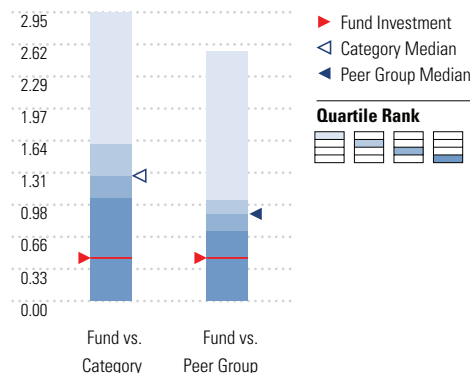
	2010	2011	2012	2013	2014	2015	2016	2017	2018	YTD	History
Performance Quartile (Within Category)	III	III	III	III	III	III	III	III	III	III	III
Total Return %	8.10	-7.23	19.56	25.28	4.36	-1.88	6.85	25.08	-9.97	14.98	Total Return %
+/- Benchmark	-3.05	6.48	2.73	9.99	8.23	3.78	2.35	-2.11	4.23	3.42	+/- Benchmark
+/- Category	-5.64	0.70	3.72	0.09	1.57	-0.19	1.31	1.47	-0.33	-1.16	+/- Category
Tot Ret % Rank in Cat	84	42	23	51	30	55	34	33	56	63	Tot Ret % Rank in Cat
# of Funds in Cat	383	405	438	513	575	626	681	743	835	896	# of Funds in Cat
Turnover %	25	27	23	24	36	35	35	35	49	-	Turnover %
Expense Ratio	-	-	0.45	0.45	0.44	0.45	0.45	0.45	0.44	-	Expense Ratio

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	
Fund Return %	-0.55	1.64	8.94	6.31	8.28	10.61	Fund Return %
Benchmark Return %	-1.80	-1.23	6.33	2.90	4.45	4.60	Benchmark Return %
Category Average %	-0.30	1.14	9.10	6.49	8.38	-	Category Average %
% Rank in Category	62	49	49	53	54	-	% Rank in Category
# of Funds in Category	924	870	733	604	375	-	# of Funds in Category

## Net Expense



	Fund vs. Category	Fund vs. Peer Group	Percentile
Quartile Rank	5	6	Rank
	42/888	30/514	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	2.97	-	3.15
Beta	0.91	-	0.92
R-Squared	93.56	-	79.32
Standard Deviation	10.79	11.45	11.84
Sharpe Ratio	0.70	0.45	0.66
Tracking Error	2.92	-	5.63
Information Ratio	0.89	-	0.49
Up Capture Ratio	97.95	-	96.71
Down Capture Ratio	79.01	-	76.45

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.09	14.87	19.09
Price/Book Ratio	2.32	1.57	2.39
Geom Avg Mkt Cap \$B	74.97	33.84	72.37
ROE	21.57	16.14	21.82

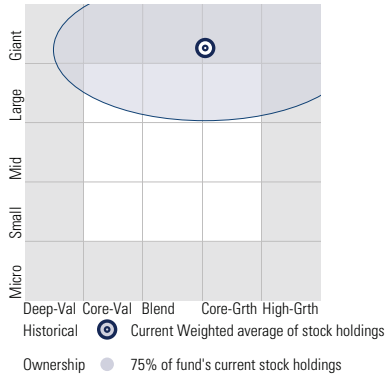
# American Funds Capital World Gr&Inc R6 RWIGX

**Morningstar Category**  
World Large Stock

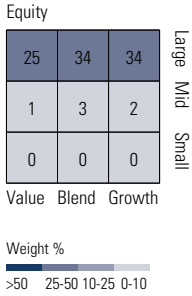
**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Style Analysis as of 09-30-2019

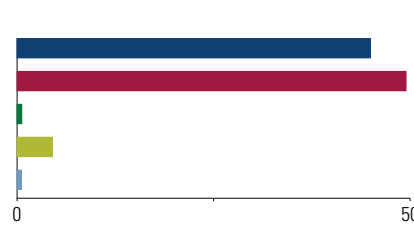
Morningstar Style Box™



## Style Breakdown

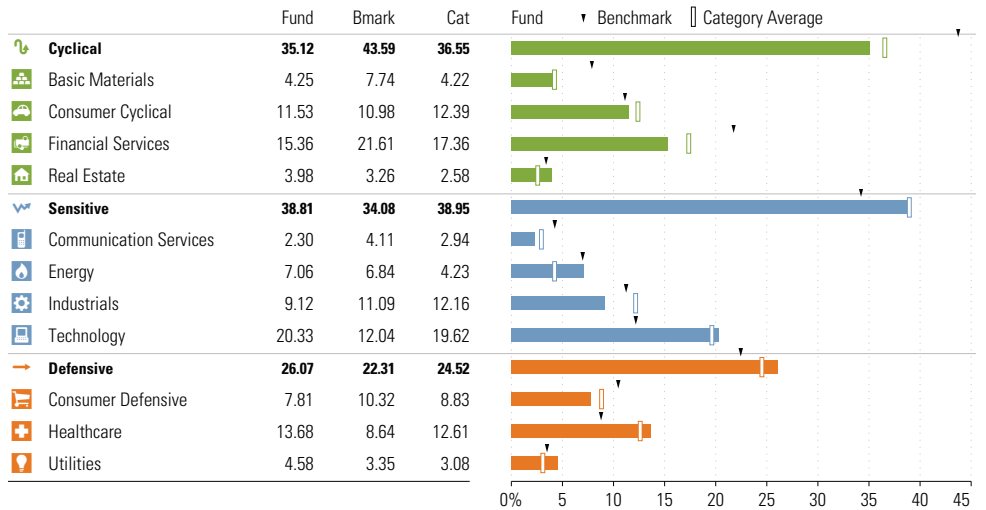


## Asset Allocation as of 09-30-2019

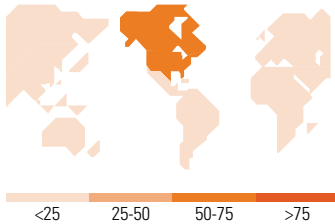


Asset Class	Net %	Cat%
US Stocks	44.93	54.02
Non-US Stocks	49.48	42.60
Bonds	0.59	0.26
Cash	4.46	2.39
Other	0.54	0.73
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2019



## World Regions % Equity 09-30-2019



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	19.11	15.65	Americas	52.67	59.15	Greater Europe	28.22	25.20	Developed Markets	89.39
Japan	4.49	5.80	North America	50.25	58.18	United Kingdom	9.07	6.77	Emerging Markets	10.61
Australasia	0.55	1.03	Central/Latin	2.42	0.97	W euro-ex UK	17.56	17.64	Not Available	0.00
Asia-4 Tigers	7.40	3.59				Emrgng Europe	1.35	0.29		
Asia-ex 4 Tigers	6.67	5.23				Africa	0.24	0.50		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 09-30-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	4.27	4.27	-	-
Broadcom Inc	2.64	6.91	11.70	Technology
Microsoft Corp	2.12	9.04	38.24	Technology
AbbVie Inc	1.54	10.58	-14.38	Healthcare
Facebook Inc A	1.52	12.10	35.85	Technology
UnitedHealth Group Inc	1.43	13.53	-11.54	Healthcare
Nestle SA	1.37	14.89	38.76	Consumer Defensive
Novartis AG	1.36	16.25	18.28	Healthcare
Taiwan Semiconductor Manufacturing Co Ltd	1.36	17.61	25.06	Technology
CME Group Inc Class A	1.30	18.91	13.54	Financial Services

**Total Holdings 351**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# American Funds Intl Gr and Inc R6 RIGGX

**Morningstar Category**  
Foreign Large Blend

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

## Portfolio Manager(s)

Andrew Suzman since 10-2008  
Steven Watson since 10-2008  
Patrice Collette since 09-2010  
Leo Hee since 07-2015  
Michael Cohen since 07-2018

## Quantitative Screens

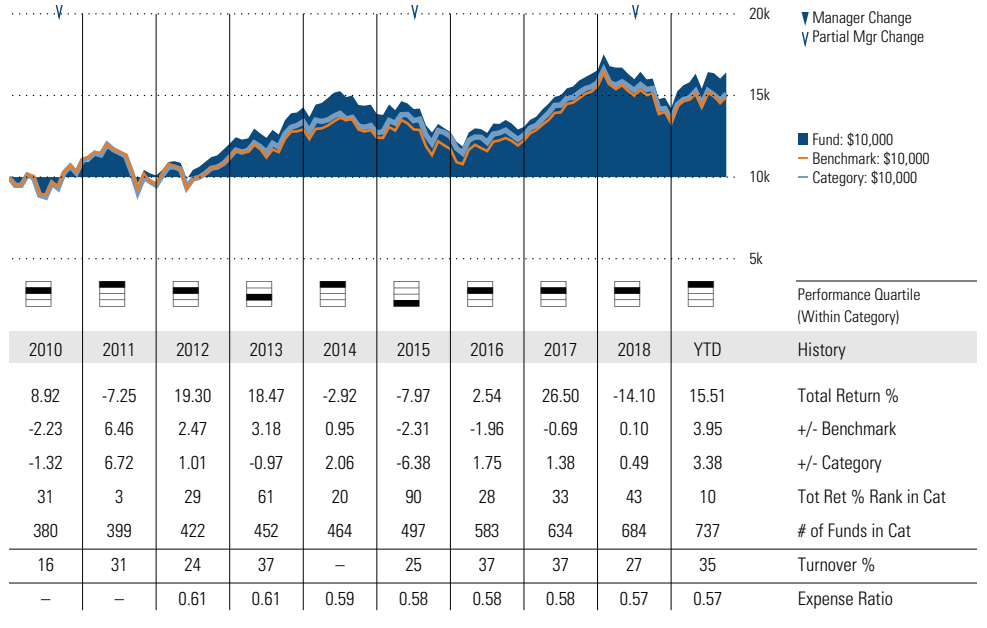
✔ **Performance:** The fund has finished in the Foreign Large Blend category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 11 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 0.57 is 42.42% lower than the Foreign Large Blend category average.

## Growth of \$10,000



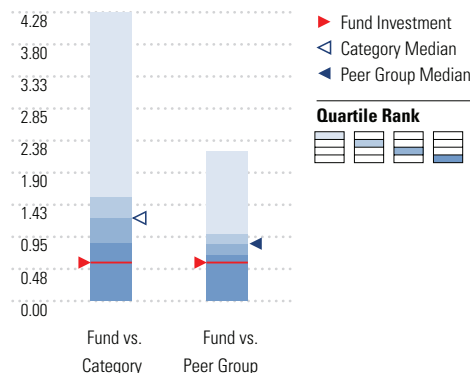
## Morningstar Investment Management LLC Analysis

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

## 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	0.58	-	-0.78
Beta	0.97	-	0.98
R-Squared	96.31	-	92.53
Standard Deviation	11.30	11.45	11.70
Sharpe Ratio	0.49	0.45	0.37
Tracking Error	2.20	-	3.17
Information Ratio	0.19	-	-0.32
Up Capture Ratio	97.81	-	94.57
Down Capture Ratio	94.01	-	99.17

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	15.10	14.87	15.67
Price/Book Ratio	1.78	1.57	1.66
Geom Avg Mkt Cap \$B	38.52	33.84	39.13
ROE	18.31	16.14	17.80

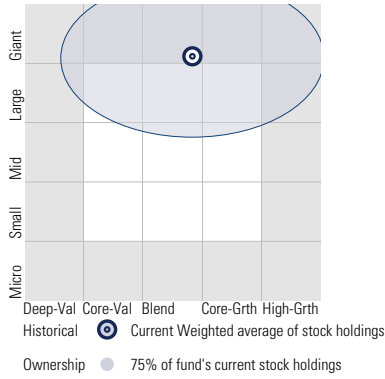
# American Funds Intl Gr and Inc R6 RIGGX

**Morningstar Category**  
Foreign Large Blend

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

## Style Analysis as of 09-30-2019

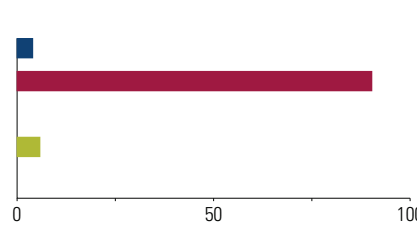
Morningstar Style Box™



## Style Breakdown

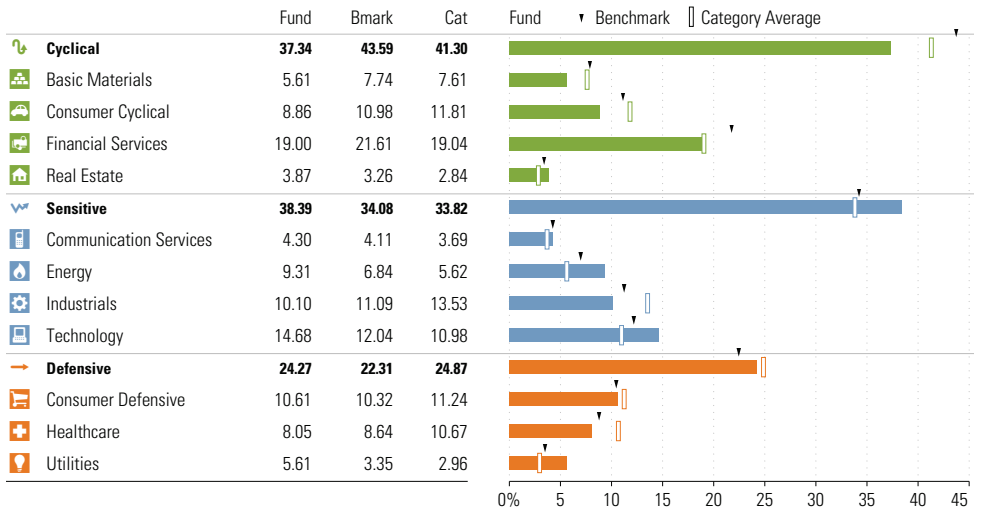


## Asset Allocation as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	3.96	3.97
Non-US Stocks	90.25	93.13
Bonds	0.00	-0.32
Cash	5.79	2.53
Other	0.00	0.69
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2019



## World Regions % Equity 09-30-2019



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	31.14	36.43	Americas	14.92	8.45	Greater Europe	53.93	55.12	Developed Markets	81.93
Japan	7.74	19.66	North America	8.87	7.36	United Kingdom	16.50	14.36	Emerging Markets	18.07
Australasia	0.89	4.98	Central/Latin	6.05	1.09	W euro-ex UK	33.94	39.52	Not Available	0.00
Asia-4 Tigers	13.99	6.53				Emrgng Europe	2.99	0.44		
Asia-ex 4 Tigers	8.52	5.26				Africa	0.50	0.80		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 09-30-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	5.58	5.58	-	-
Taiwan Semiconductor Manufacturing Co Ltd	3.15	8.73	25.06	Technology
AstraZeneca PLC	2.44	11.17	27.36	Healthcare
British American Tobacco PLC	2.35	13.52	24.36	Consumer Defensive
Enel SpA	1.90	15.42	41.38	Utilities
Airbus SE	1.89	17.31	43.94	Industrials
Royal Dutch Shell PLC B	1.86	19.18	7.13	Energy
AIA Group Ltd	1.86	21.03	15.89	Financial Services
Nestle SA	1.66	22.69	38.76	Consumer Defensive
Wynn Macau Ltd	1.56	24.26	-5.15	Consumer Cyclical

**Total Holdings 231**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Baird Aggregate Bond Inst BAGIX

**Morningstar Category**  
Intermediate Core Bond

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

## Portfolio Manager(s)

- Mary Stanek since 09-2000
- Gary Elfe since 09-2000
- Charles Groeschell since 09-2000
- Daniel Tranchita since 09-2000
- Warren Pierson since 09-2000
- M. deGuzman since 09-2000
- Jay Schwister since 05-2019
- Meghan Dean since 05-2019
- Jeffrey Schrom since 05-2019

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 19.01 years.

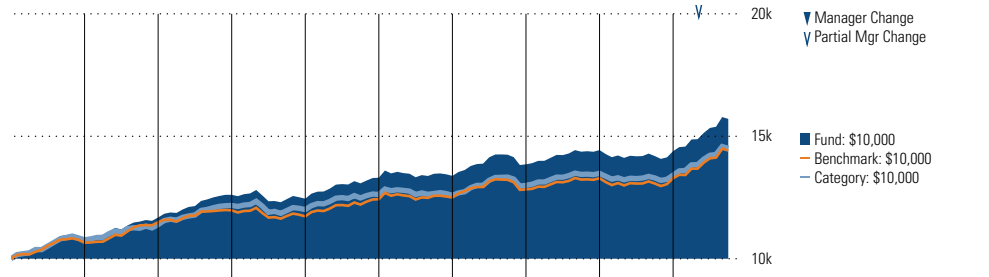
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.3 is 54.55% lower than the Intermediate Core Bond category average.

## Morningstar Investment Management LLC Analysis

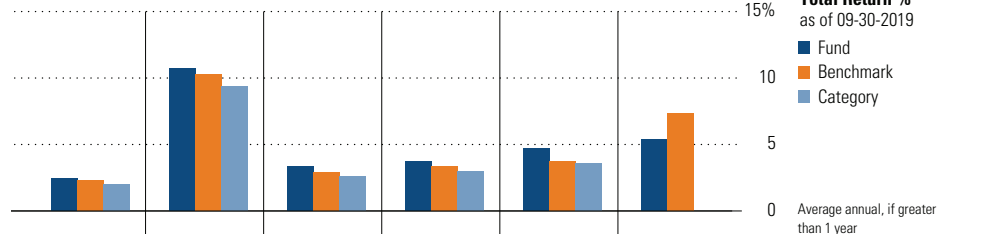
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Growth of \$10,000



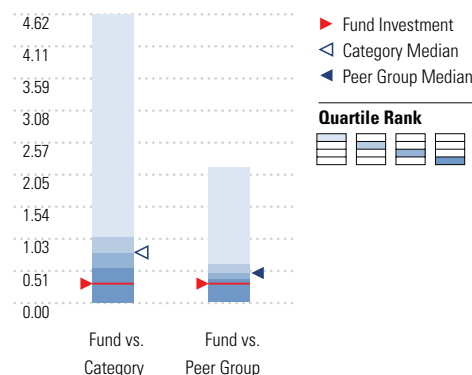
2010	2011	2012	2013	2014	2015	2016	2017	2018	YTD	History
8.34	7.85	7.92	-1.25	6.89	0.55	3.52	4.20	-0.30	9.15	Total Return %
1.80	0.01	3.71	0.77	0.92	0.00	0.87	0.66	-0.31	0.63	+/- Benchmark
0.62	1.99	0.91	0.17	1.71	0.81	0.29	0.49	0.20	1.26	+/- Category
31	9	34	36	8	22	37	31	41	16	Tot Ret % Rank in Cat
245	257	275	298	305	313	337	364	388	410	# of Funds in Cat
41	46	64	28	32	40	36	28	24	-	Turnover %
-	-	0.30	0.30	0.30	0.30	0.30	0.30	0.30	-	Expense Ratio

## Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	
2.41	10.69	3.31	3.73	4.72	5.40	Fund Return %
2.27	10.30	2.92	3.38	3.75	7.34	Benchmark Return %
1.99	9.35	2.58	2.95	3.59	-	Category Average %
12	8	11	6	5	-	% Rank in Category
418	403	356	312	238	-	# of Funds in Category

## Net Expense



Fund vs. Category	Fund vs. Peer Group	Percentile Rank
18	14	71/406
		37/268

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	0.42	-	-0.10
Beta	0.98	-	0.92
R-Squared	99.41	-	95.86
Standard Deviation	3.30	3.35	3.12
Sharpe Ratio	0.53	0.41	0.31
Tracking Error	0.26	-	0.66
Information Ratio	1.49	-	-0.69
Up Capture Ratio	103.18	-	90.62
Down Capture Ratio	93.73	-	93.22

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	5.78	4.43	5.41
Avg Eff Maturity	7.68	-	7.00

# Baird Aggregate Bond Inst BAGIX

**Morningstar Category**  
Intermediate Core Bond

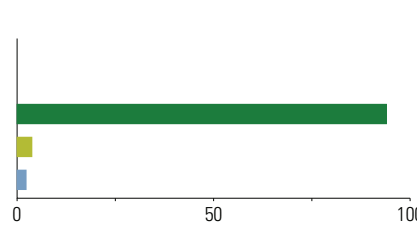
**Morningstar Index**  
BBgBarc US Agg Bond TR USD

**Style Analysis** as of 09-30-2019

**Style Breakdown**



**Asset Allocation** as of 09-30-2019

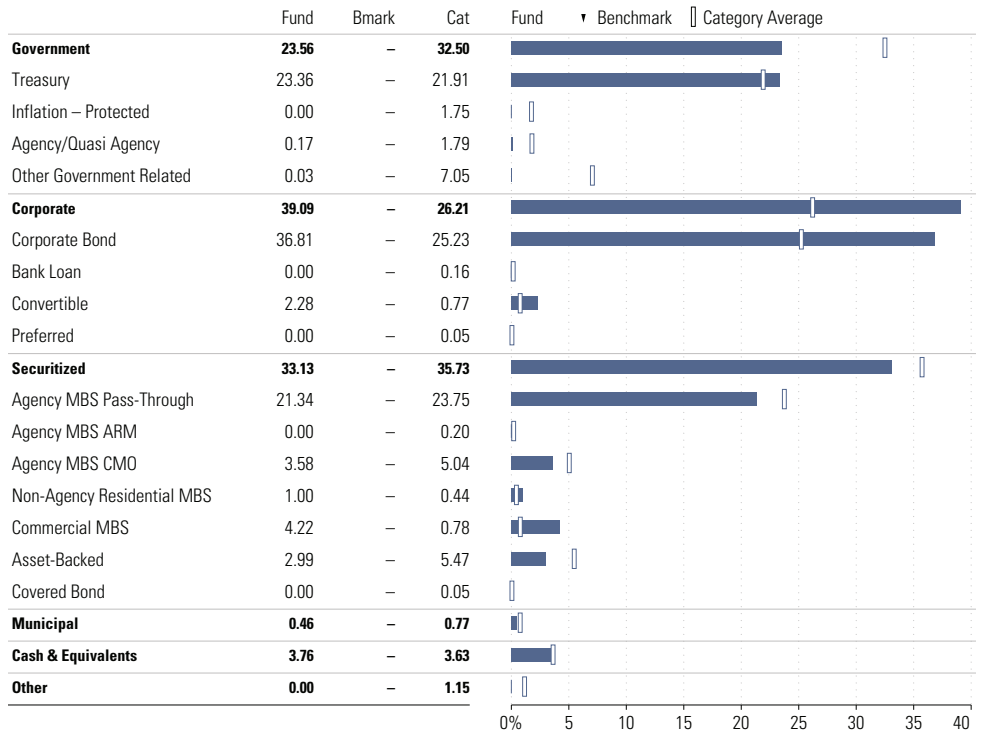


Asset Class	Net %	Cat%
US Stocks	0.00	-0.15
Non-US Stocks	0.00	0.00
Bonds	93.97	100.71
Cash	3.75	-2.35
Other	2.28	1.79
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Credit Rating Breakdown**

	Fund	Bmark	Cat
AAA	58.20	3.53	41.28
AA	3.90	74.59	12.11
A	16.90	10.82	25.80
BBB	20.70	8.32	15.44
BB	0.30	0.28	3.70
B	0.00	0.00	0.74
Below B	0.00	0.00	0.35
Not Rated	0.00	2.46	0.58

**Sector Weighting** as of 09-30-2019



**Top 10 Holdings** as of 09-30-2019

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Notes 1.88%	03-2022	6.30	6.30	-
⊖ United States Treasury Bonds 2.88%	05-2043	4.09	10.39	-
⊖ First American Government Obligs U	02-2030	3.13	13.52	-
⊕ United States Treasury Bonds 2.5%	02-2045	2.99	16.51	-
⊖ United States Treasury Notes 2.25%	11-2025	2.21	18.71	-
⊖ United States Treasury Bonds 3.5%	02-2039	2.04	20.76	-
⊕ United States Treasury Notes 3.13%	11-2028	1.71	22.47	-
⊕ United States Treasury Notes 1.75%	03-2022	1.28	23.74	-
⊕ United States Treasury Notes 2.5%	05-2024	1.27	25.02	-
⊖ United States Treasury Notes 2.25%	11-2027	1.21	26.22	-

**Total Holdings 1208**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# DFA US Small Cap Value I DFSVX

**Morningstar Category**  
Small Value

**Morningstar Index**  
Russell 2000 Value TR USD

## Portfolio Manager(s)

Jed Fogdall since 02-2012

Joel Schneider since 07-2015

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 7.59 years.

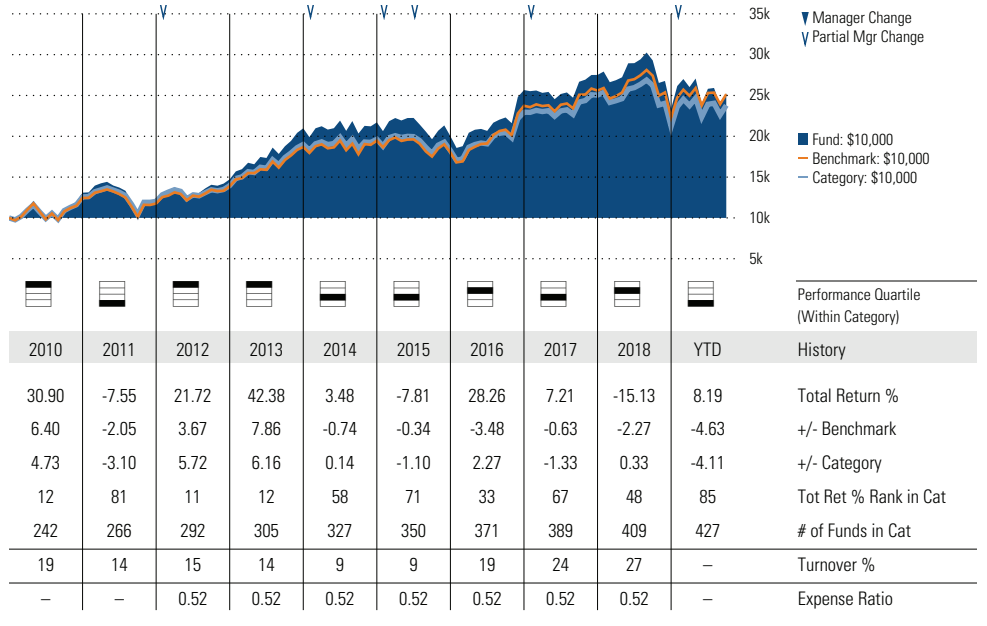
✔ **Style:** The fund has landed in its primary style box — Small Value — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.52 is 56.3% lower than the Small Value category average.

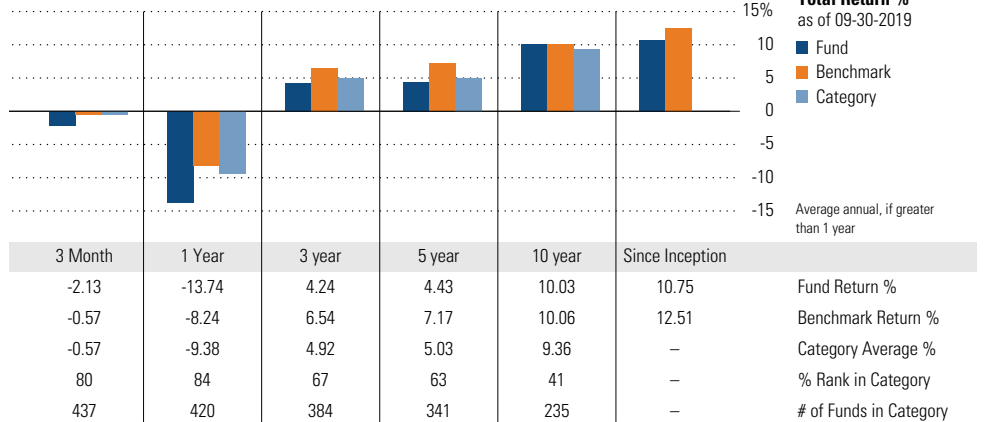
## Morningstar Investment Management LLC Analysis

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.

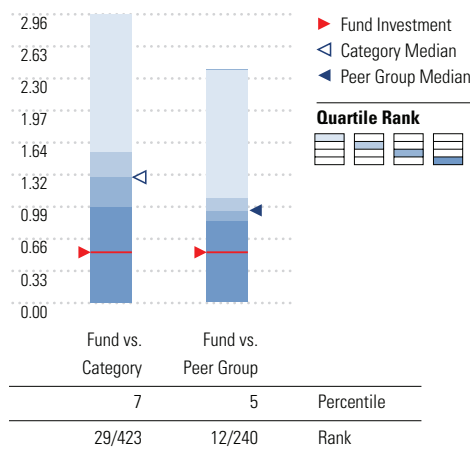
## Growth of \$10,000



## 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	-2.67	-	-0.99
Beta	1.11	-	0.99
R-Squared	98.16	-	94.06
Standard Deviation	19.83	17.67	17.95
Sharpe Ratio	0.23	0.35	0.29
Tracking Error	3.33	-	4.40
Information Ratio	-0.69	-	-0.30
Up Capture Ratio	102.29	-	95.42
Down Capture Ratio	113.76	-	100.00

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	11.70	13.72	15.37
Price/Book Ratio	1.00	1.28	1.47
Geom Avg Mkt Cap \$B	1.61	1.55	2.70
ROE	6.94	6.79	9.76

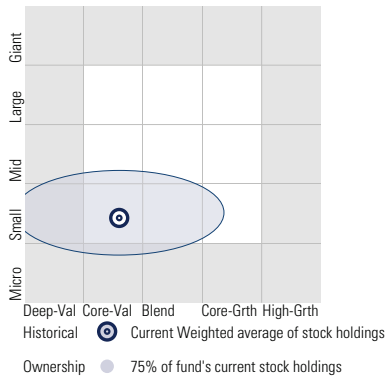
# DFA US Small Cap Value I DFSVX

**Morningstar Category**  
Small Value

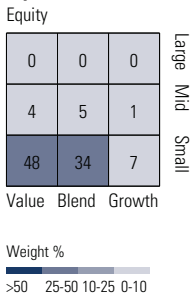
**Morningstar Index**  
Russell 2000 Value TR USD

## Style Analysis as of 09-30-2019

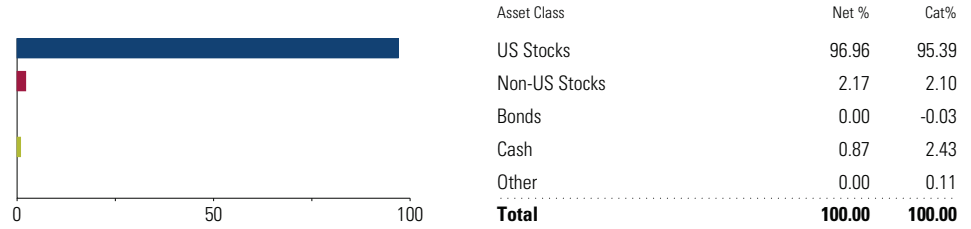
Morningstar Style Box™



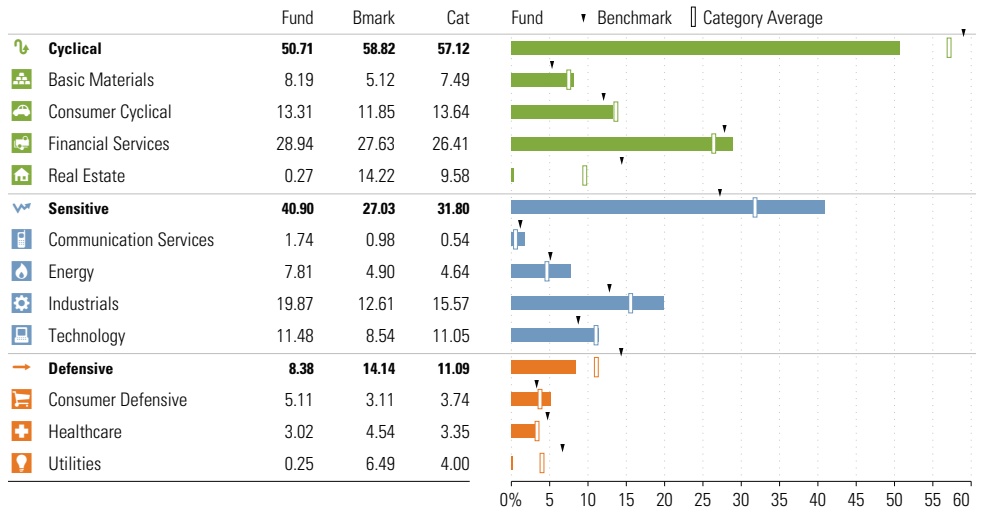
## Style Breakdown



## Asset Allocation as of 09-30-2019



## Sector Weighting as of 09-30-2019



## Top 15 Holdings as of 09-30-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ S+p500 Emini Fut Sep19 Xcme 20190920	0.87	0.87	-	-
⊕ Ssc Government Mm Gvmxx	0.83	1.70	-	-
FTI Consulting Inc	0.80	2.50	59.05	Industrials
Tech Data Corp	0.79	3.29	27.42	Technology
Darling Ingredients Inc	0.78	4.07	-0.57	Consumer Defensive
CACI International Inc Class A	0.78	4.85	60.56	Technology
⊖ Washington Federal Inc	0.76	5.62	40.77	Financial Services
SkyWest Inc	0.75	6.37	29.89	Industrials
Aaron's Inc	0.75	7.12	53.07	Industrials
Taylor Morrison Home Corp Class A	0.74	7.86	63.14	Consumer Cyclical
⊖ World Fuel Services Corp	0.74	8.60	87.76	Energy
GATX Corp	0.74	9.34	11.44	Industrials
⊕ TCF Financial Corp	0.73	10.07	0.79	Financial Services
Meritage Homes Corp	0.71	10.78	91.58	Consumer Cyclical
Graham Holdings Co	0.67	11.44	4.22	Consumer Defensive

**Total Holdings 996**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Eaton Vance Income Fund of Boston R6 EIBRX

**Morningstar Category**  
High Yield Bond

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

## Portfolio Manager(s)

Michael Weilheimer since 01-1996  
Stephen Concannon since 11-2014  
Kelley Baccei since 06-2019  
Jeffrey Mueller since 06-2019

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 23.76 years.

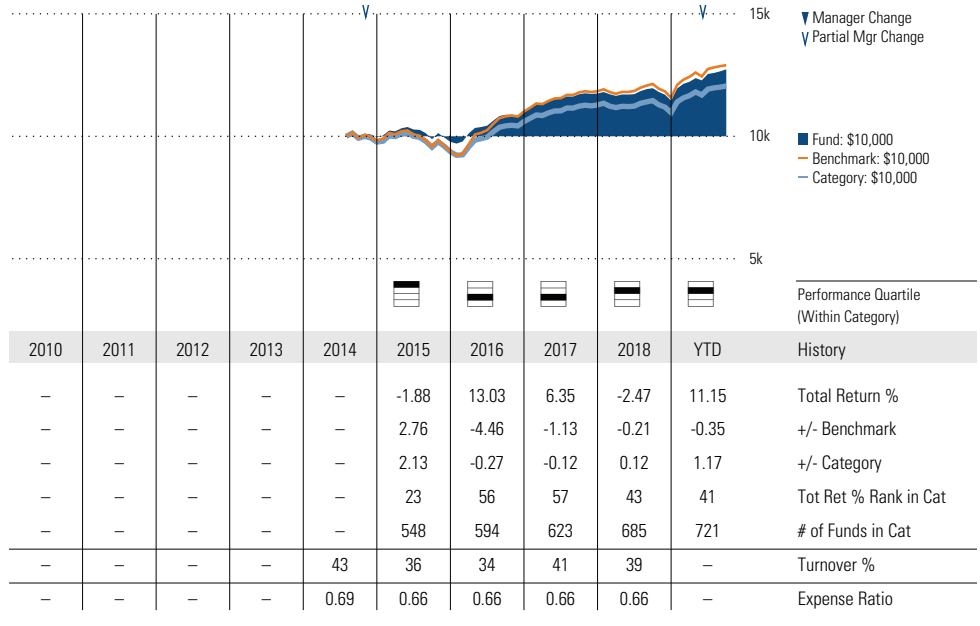
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.66 is 33.33% lower than the High Yield Bond category average.

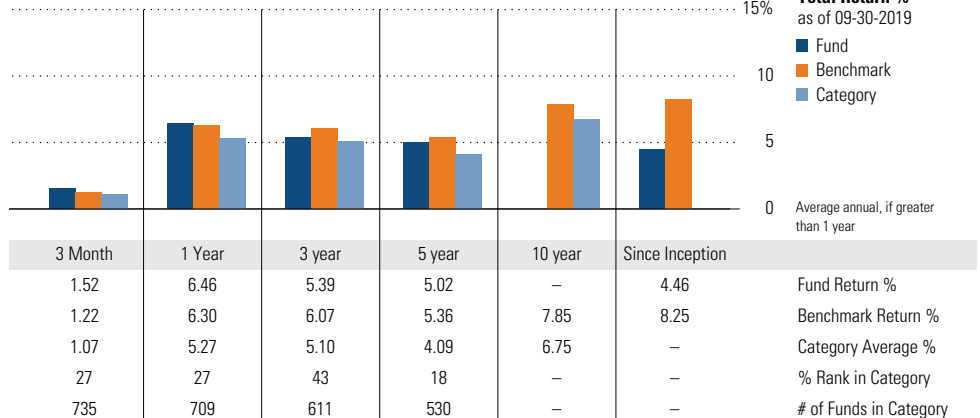
## Morningstar Investment Management LLC Analysis

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

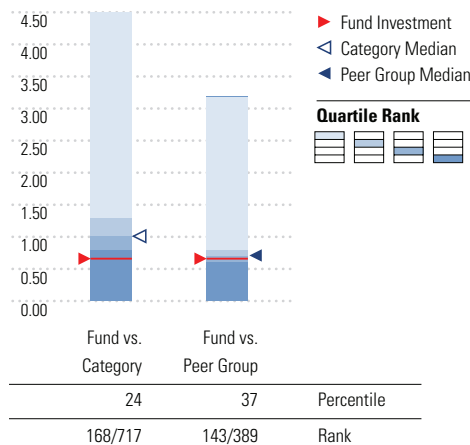
## Growth of \$10,000



## 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	0.05	-	-0.35
Beta	0.88	-	0.90
R-Squared	97.81	-	90.23
Standard Deviation	3.75	4.21	4.02
Sharpe Ratio	0.99	1.04	0.88
Tracking Error	0.75	-	1.37
Information Ratio	-0.91	-	-0.89
Up Capture Ratio	86.27	-	86.99
Down Capture Ratio	80.71	-	93.08

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	2.64	-	2.83
Avg Eff Maturity	4.21	-	4.65

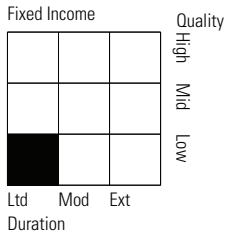
# Eaton Vance Income Fund of Boston R6 EIBRX

**Morningstar Category**  
High Yield Bond

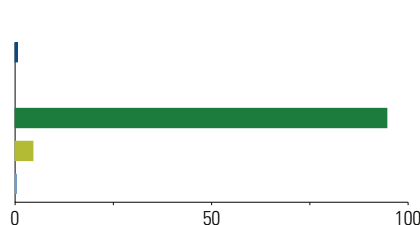
**Morningstar Index**  
ICE BofAML US High Yield TR USD

## Style Analysis as of 09-30-2019

### Style Breakdown



## Asset Allocation as of 09-30-2019

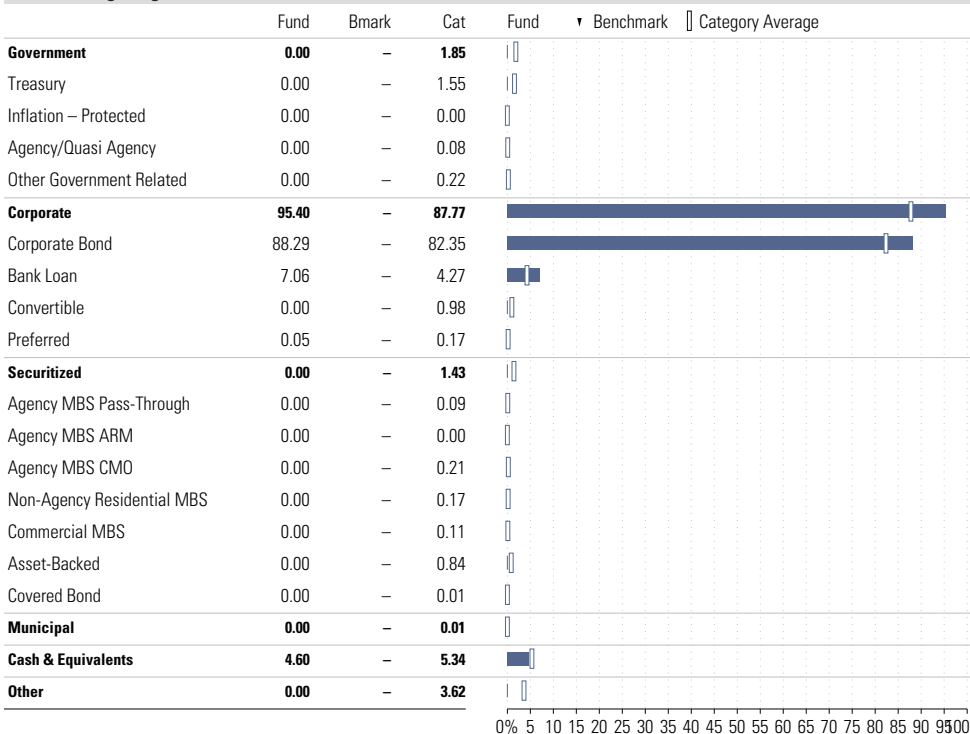


Asset Class	Net %	Cat%
US Stocks	0.60	0.70
Non-US Stocks	0.00	0.05
Bonds	94.59	94.03
Cash	4.53	3.62
Other	0.27	1.60
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	0.00	-	3.36
AA	0.00	-	0.27
A	0.00	-	1.63
BBB	5.99	-	4.66
BB	45.45	-	29.89
B	39.78	-	40.54
Below B	8.22	-	18.23
Not Rated	0.56	-	1.42

## Sector Weighting as of 09-30-2019



## Top 10 Holdings as of 09-30-2019

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊖ Ev Cash Reserves Fund Llc	-	4.33	4.33	-
Asurion	08-2025	1.14	5.47	-
Sprint Corporation 7.88%	09-2023	1.04	6.51	-
⊕ MPH Acquisition Holdings LLC 7.12%	06-2024	1.00	7.51	-
Viking Cruises, Ltd. 5.88%	09-2027	0.70	8.21	-
CrownRock LP 5.62%	10-2025	0.68	8.90	-
Laureate Education, Inc. 8.25%	05-2025	0.68	9.58	-
Jaguar Holding Co II/Pharmaceutical Product Development LLC 6.38%	08-2023	0.65	10.22	-
GrafTech Finance, Inc.	02-2025	0.62	10.84	-
T-Mobile USA, Inc. 6.5%	01-2026	0.60	11.44	-

**Total Holdings 487**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Federated Government Ultrashrt Dur R6 FGULX

**Morningstar Category**  
Ultrashort Bond

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

## Portfolio Manager(s)

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

## Quantitative Screens

✔ **Performance:** The fund has finished in the Ultrashort Bond category's top three quartiles in 2 of the 3 years it's been in existence.

✔ **Management:** The fund's management has been in place for 22.24 years.

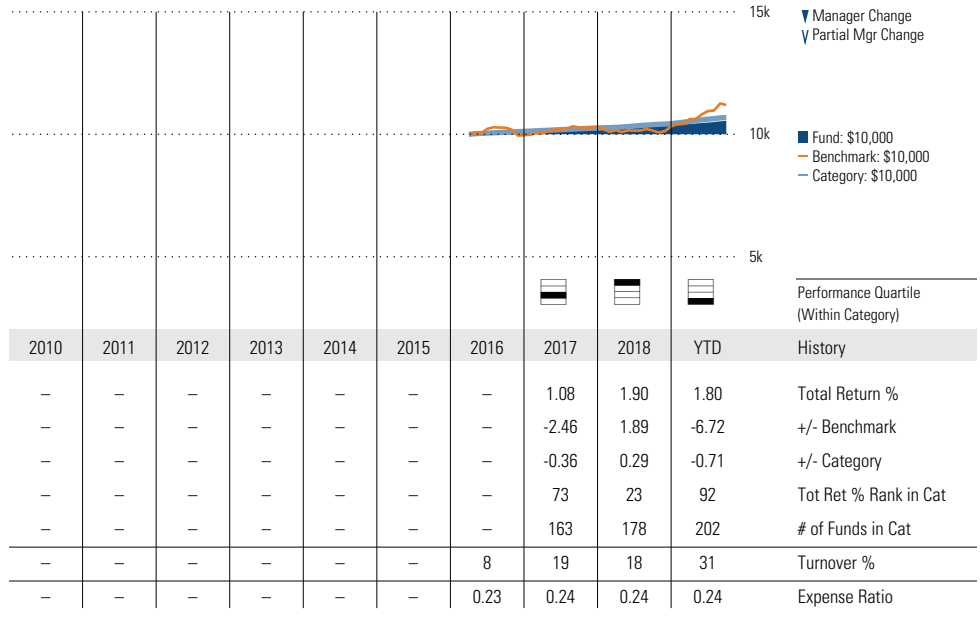
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.24 is 47.83% lower than the Ultrashort Bond category average.

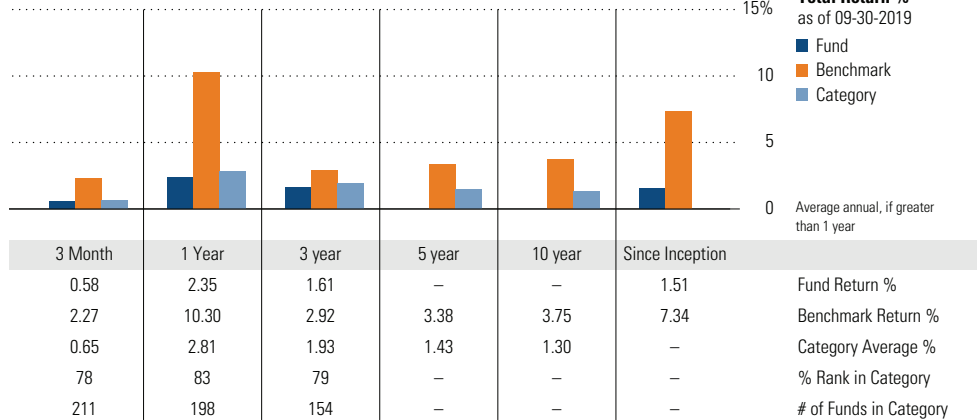
## Morningstar Investment Management LLC Analysis

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.

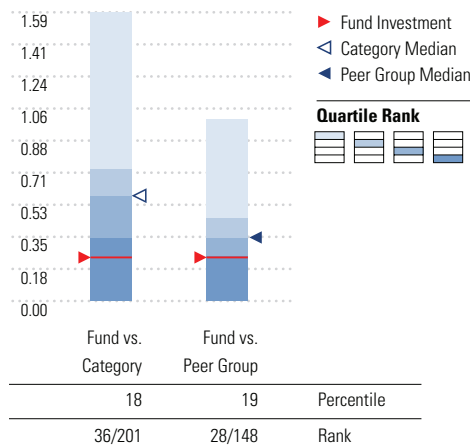
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.47	-	1.78
Beta	0.04	-	0.04
R-Squared	28.87	-	22.18
Standard Deviation	0.27	3.35	0.43
Sharpe Ratio	-0.02	0.41	0.72
Tracking Error	3.21	-	3.22
Information Ratio	-0.41	-	-0.31
Up Capture Ratio	17.98	-	22.90
Down Capture Ratio	-18.24	-	-18.90

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	0.40	4.43	0.95
Avg Eff Maturity	2.94	-	1.94

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

# Federated Government Ultrashrt Dur R6 FGULX

**Morningstar Category**  
Ultrashort Bond

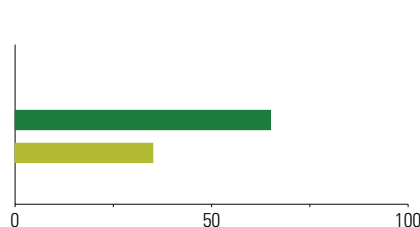
**Morningstar Index**  
BBgBarc US Agg Bond TR USD

## Style Analysis as of 09-30-2019

### Style Breakdown



## Asset Allocation as of 09-30-2019

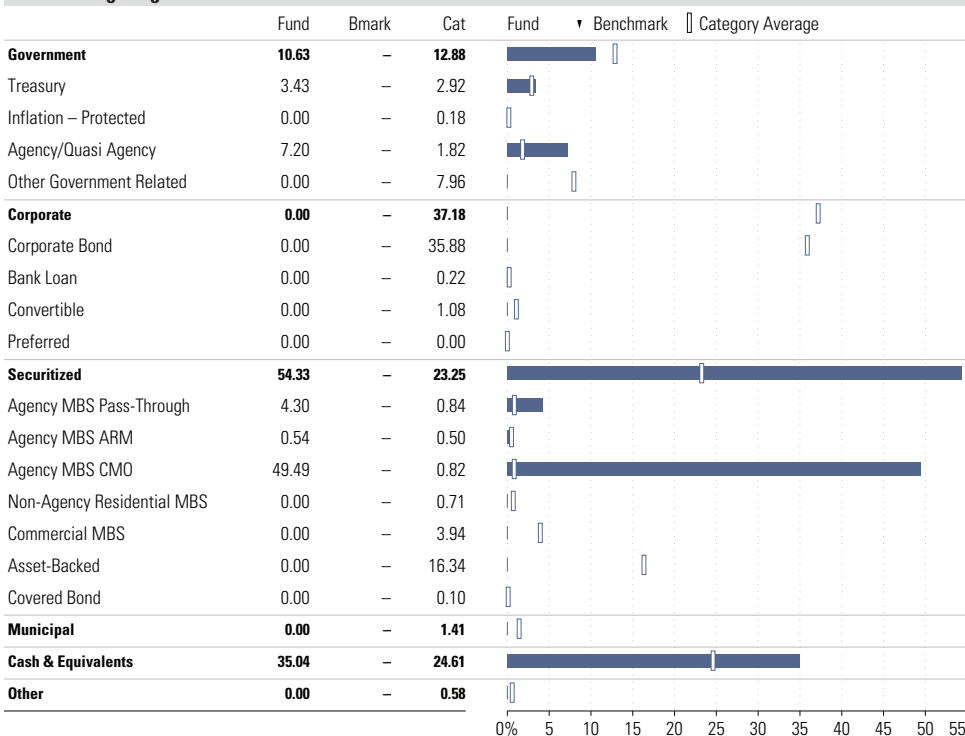


Asset Class	Net %	Cat%
US Stocks	0.00	0.01
Non-US Stocks	0.00	0.00
Bonds	64.96	77.26
Cash	35.04	21.04
Other	0.00	1.69
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	100.00	3.53	34.16
AA	0.00	74.59	12.79
A	0.00	10.82	26.67
BBB	0.00	8.32	20.77
BB	0.00	0.28	1.54
B	0.00	0.00	0.42
Below B	0.00	0.00	0.32
Not Rated	0.00	2.46	3.32

## Sector Weighting as of 09-30-2019



## Top 10 Holdings as of 09-30-2019

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Bmcap Repo 5 Repo	07-2019	22.81	22.81	-
⊕ Bofam Repo 1 Repo	07-2019	10.77	33.58	-
⊖ Government National Mortgage Association 2.78%	01-2049	4.08	37.67	-
⊖ Government National Mortgage Association 2.83%	01-2049	3.31	40.97	-
⊖ Government National Mortgage Association 0.82%	02-2065	3.00	43.97	-
⊖ Government National Mortgage Association 0.82%	01-2065	2.93	46.90	-
⊖ Government National Mortgage Association 2.78%	09-2046	2.52	49.42	-
⊖ Government National Mortgage Association 0.59%	09-2062	2.49	51.91	-
⊖ Government National Mortgage Association 0.74%	06-2062	2.31	54.21	-
⊖ Government National Mortgage Association 2.78%	10-2046	2.08	56.29	-

**Total Holdings 199**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Invesco Diversified Dividend R6 LCEFX

**Morningstar Category**  
Large Value

**Morningstar Index**  
Russell 1000 Value TR USD

## Portfolio Manager(s)

Meggan Walsh since 12-2002  
 Kristina Bradshaw since 02-2014  
 Robert Botard since 02-2014  
 Christopher McMeans since 02-2016

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 16.76 years.

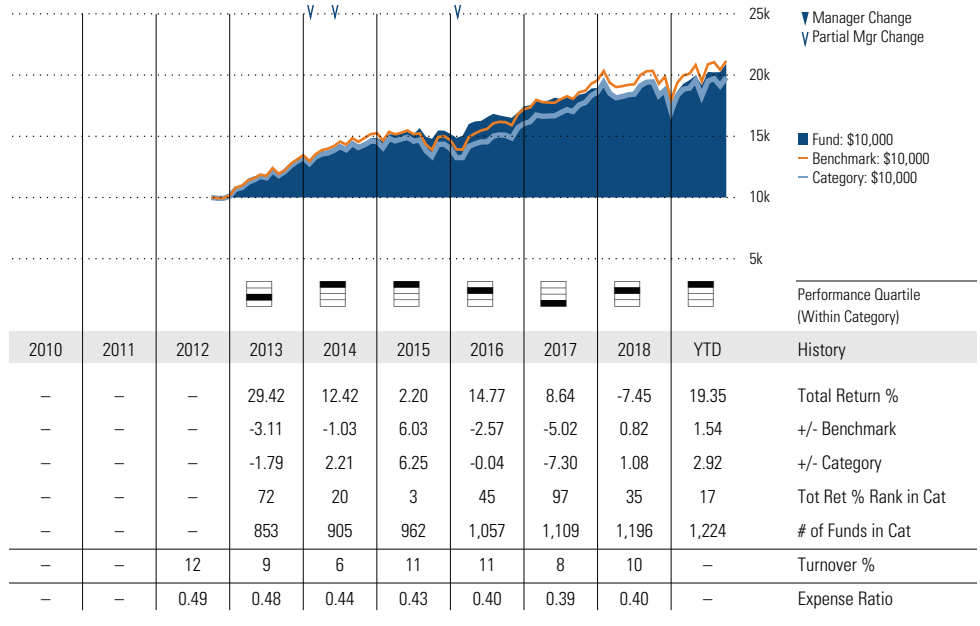
✔ **Style:** The fund has landed in its primary style box — Large Value — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.4 is 57.89% lower than the Large Value category average.

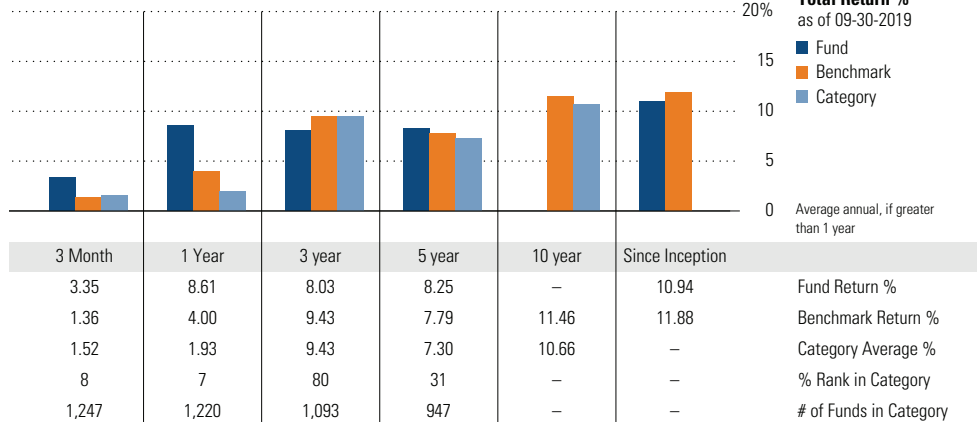
## Morningstar Investment Management LLC Analysis

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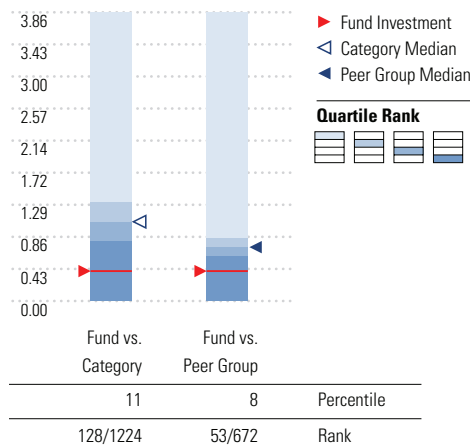
## Growth of \$10,000



## 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	1.14	-	0.11
Beta	0.72	-	0.99
R-Squared	89.67	-	93.32
Standard Deviation	9.38	12.34	12.62
Sharpe Ratio	0.70	0.66	0.66
Tracking Error	4.59	-	3.38
Information Ratio	-0.30	-	0.01
Up Capture Ratio	71.60	-	98.55
Down Capture Ratio	61.74	-	98.00

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.60	16.49	16.18
Price/Book Ratio	2.41	1.94	2.22
Geom Avg Mkt Cap \$B	47.05	58.19	107.83
ROE	20.69	14.48	20.08

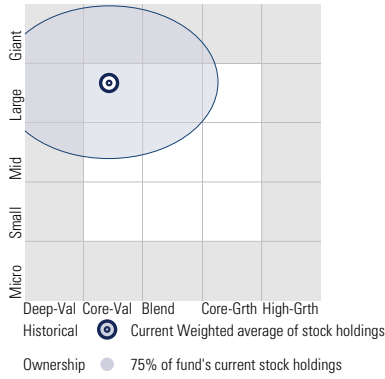
# Invesco Diversified Dividend R6 LCEFX

**Morningstar Category**  
Large Value

**Morningstar Index**  
Russell 1000 Value TR USD

## Style Analysis as of 09-30-2019

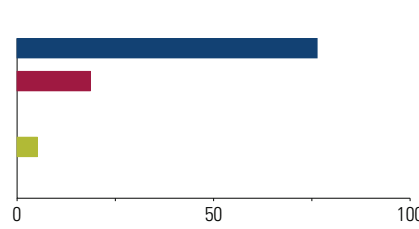
Morningstar Style Box™



## Style Breakdown

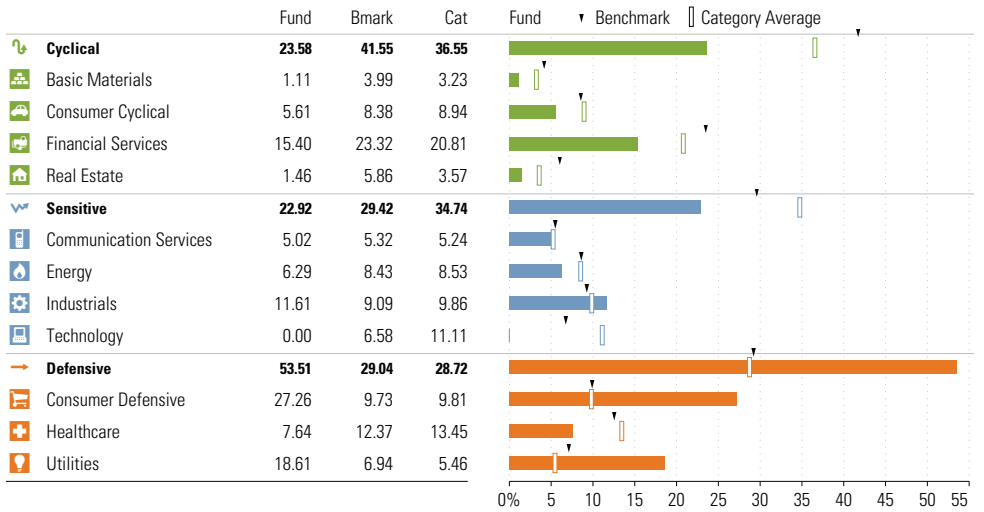


## Asset Allocation as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	76.33	91.42
Non-US Stocks	18.58	5.85
Bonds	0.00	-0.15
Cash	5.09	2.28
Other	0.00	0.60
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2019



## Top 15 Holdings as of 09-30-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Stsb_gl_fxgl	4.87	4.87	-	-
⊕ Stsb_gl_fxgl	4.79	9.66	-	-
⊖ The Hartford Financial Services Group Inc	3.15	12.81	38.38	Financial Services
⊖ General Mills Inc	3.15	15.96	45.33	Consumer Defensive
⊖ Entergy Corp	3.01	18.96	39.53	Utilities
⊖ Coca-Cola Co	2.82	21.79	17.51	Consumer Defensive
⊖ Procter & Gamble Co	2.76	24.54	37.72	Consumer Defensive
⊖ AT&T Inc	2.63	27.17	37.95	Communication Svc
⊖ Exelon Corp	2.36	29.53	9.53	Utilities
⊖ Dominion Energy Inc	2.36	31.89	17.26	Utilities
⊖ PPL Corp	2.27	34.15	15.52	Utilities
M&T Bank Corp	2.17	36.32	12.46	Financial Services
⊖ Flowserve Corp	2.16	38.48	24.86	Industrials
⊖ Kimberly-Clark Corp	2.11	40.60	27.38	Consumer Defensive
⊖ Invesco Shrt-Trm Inv Treasury Instl	2.10	42.70	-	-

**Total Holdings 83**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Invesco Oppenheimer Developing Mkts R6 ODVIX

**Morningstar Category**  
Diversified Emerging Mkts

**Morningstar Index**  
MSCI EM NR USD

## Portfolio Manager(s)

Justin Leverenz since 05-2007

## Quantitative Screens

✔ **Performance:** The fund has finished in the Diversified Emerging Mkts 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 12.42 years.

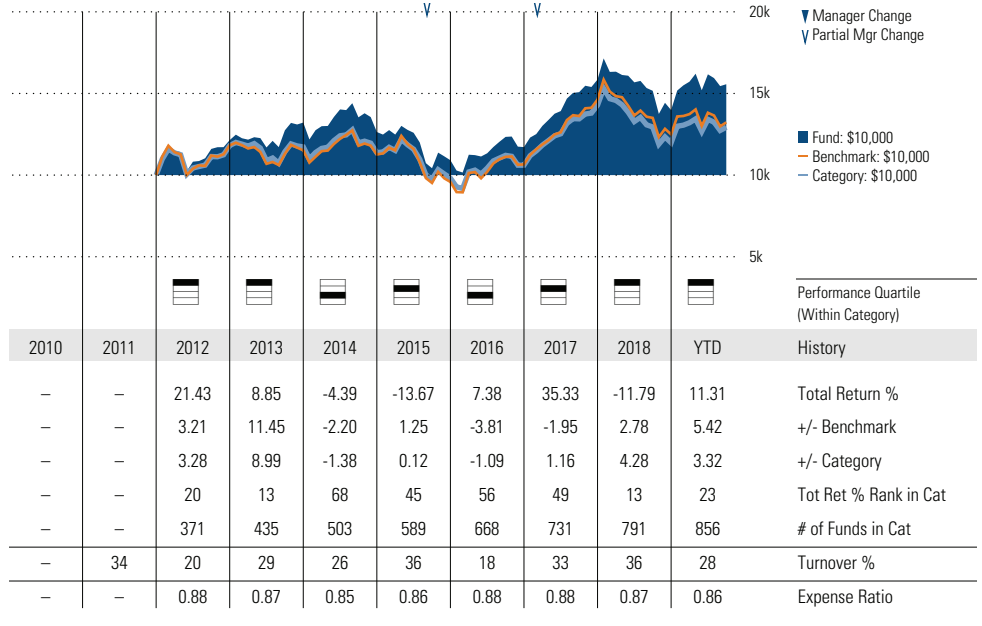
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.87 is 32.56% lower than the Diversified Emerging Mkts category average.

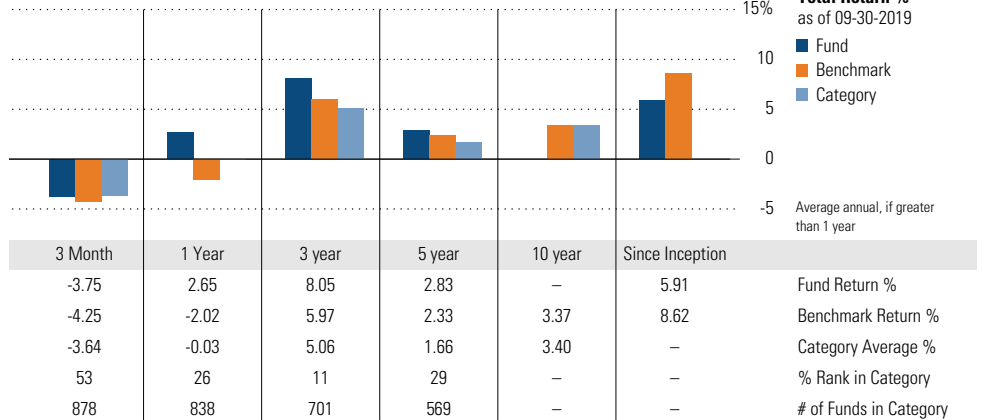
## Morningstar Investment Management LLC Analysis

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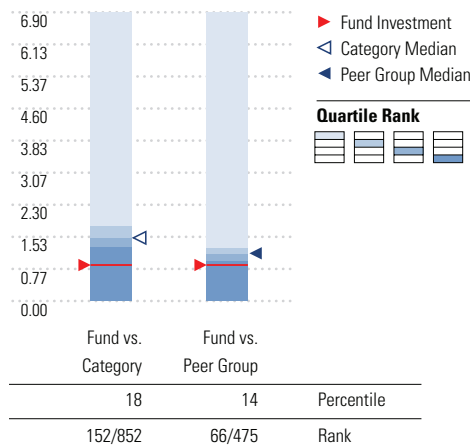
## Growth of \$10,000



## 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	2.37	-	-0.25
Beta	0.93	-	0.92
R-Squared	93.16	-	87.64
Standard Deviation	13.47	14.04	13.77
Sharpe Ratio	0.52	0.37	0.31
Tracking Error	3.67	-	4.83
Information Ratio	0.56	-	-0.18
Up Capture Ratio	97.87	-	92.55
Down Capture Ratio	85.47	-	94.88

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.80	12.83	13.52
Price/Book Ratio	2.88	1.54	1.92
Geom Avg Mkt Cap \$B	41.21	29.91	32.68
ROE	19.72	16.19	18.42

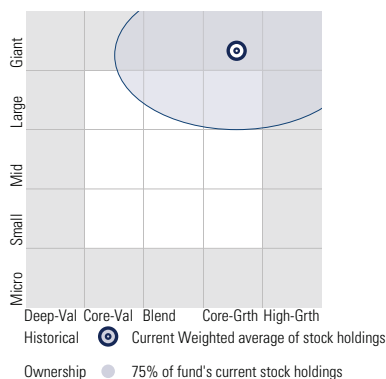
# Invesco Oppenheimer Developing Mkts R6 ODVIX

**Morningstar Category**  
Diversified Emerging Mkts

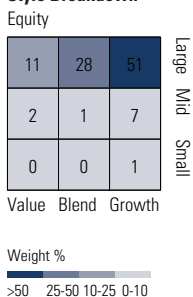
**Morningstar Index**  
MSCI EM NR USD

## Style Analysis as of 09-30-2019

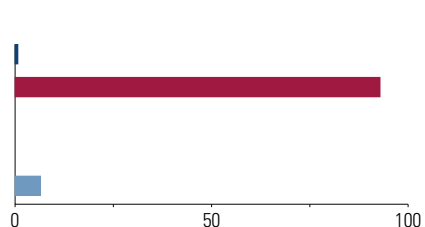
Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 09-30-2019

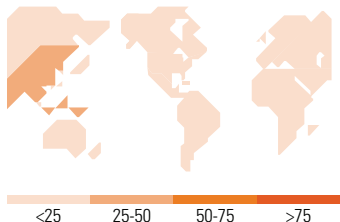


Asset Class	Net %	Cat%
US Stocks	0.69	2.32
Non-US Stocks	92.84	95.27
Bonds	0.00	0.46
Cash	0.00	1.63
Other	6.47	0.31
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2019

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>61.69</b>	<b>46.93</b>	<b>46.72</b>			
Basic Materials	6.94	7.69	5.48			
Consumer Cyclical	26.91	11.59	12.95			
Financial Services	25.83	24.70	25.77			
Real Estate	2.01	2.95	2.52			
<b>Sensitive</b>	<b>24.09</b>	<b>40.65</b>	<b>38.20</b>			
Communication Services	0.00	4.74	3.57			
Energy	6.71	7.42	5.97			
Industrials	3.38	4.96	5.04			
Technology	14.00	23.53	23.62			
<b>Defensive</b>	<b>14.21</b>	<b>12.41</b>	<b>15.06</b>			
Consumer Defensive	10.12	7.27	10.21			
Healthcare	4.09	2.48	2.95			
Utilities	0.00	2.66	1.90			

## World Regions % Equity 09-30-2019



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	56.30	68.54	Americas	18.38	15.61	Greater Europe	25.32	15.84	Developed Markets	27.58
Japan	0.00	0.11	North America	0.74	1.60	United Kingdom	0.00	0.91	Emerging Markets	72.42
Australasia	0.00	0.01	Central/Latin	17.64	14.01	W euro-ex UK	10.49	2.13	Not Available	0.00
Asia-4 Tigers	15.91	22.46				Emrgng Europe	11.00	6.36		
Asia-ex 4 Tigers	40.39	45.96				Africa	3.83	6.44		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 09-30-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Alibaba Group Holding Ltd ADR	7.14	7.14	22.00	Consumer Cyclical
Master China Series 1	6.43	13.57	—	—
⊕ NOVATEK PJSC GDR	5.04	18.61	20.10	Energy
Taiwan Semiconductor Manufacturing Co Ltd	4.52	23.13	25.06	Technology
Kering SA	4.09	27.22	16.14	Consumer Cyclical
Housing Development Finance Corp Ltd	3.64	30.86	1.51	Financial Services
⊖ Kotak Mahindra Bank Ltd	3.48	34.34	30.94	Financial Services
⊕ Tencent Holdings Ltd	3.46	37.80	5.48	Technology
AIA Group Ltd	2.94	40.74	15.89	Financial Services
Yum China Holdings Inc	2.70	43.44	36.56	Consumer Cyclical

**Total Holdings 89**

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# MFS Growth R6 MFEKX

**Morningstar Category**  
Large Growth

**Morningstar Index**  
Russell 1000 Growth TR USD

## Portfolio Manager(s)

Eric Fischman since 04-2002

Paul Gordon since 07-2017

## Quantitative Screens

✔ **Performance:** The fund has finished in the Large Growth 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 17.51 years.

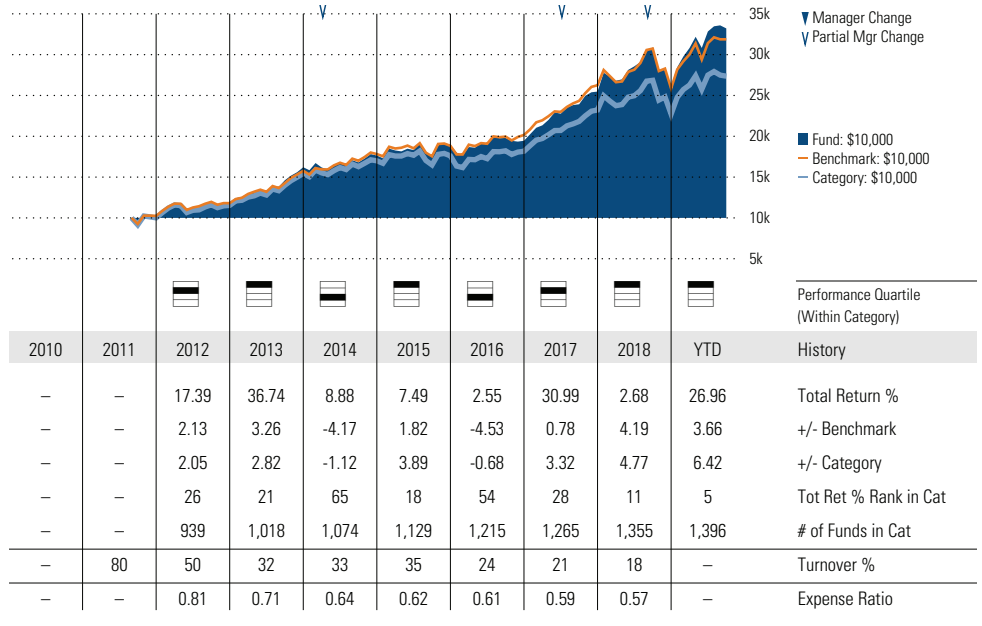
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.57 is 45.19% lower than the Large Growth category average.

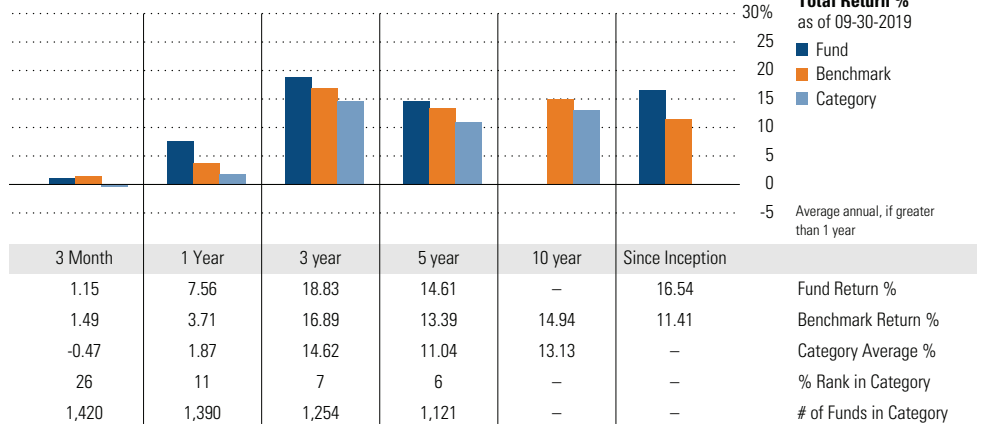
## Morningstar Investment Management LLC Analysis

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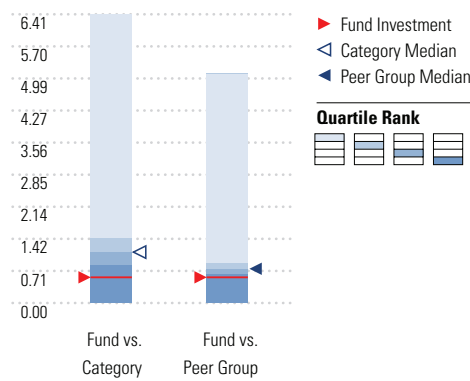
## Growth of \$10,000



## 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

Metric	Fund	Bmark	Cat
Alpha	2.41	-	-1.63
Beta	0.95	-	0.99
R-Squared	93.54	-	91.12
Standard Deviation	13.11	13.30	13.80
Sharpe Ratio	1.27	1.12	0.96
Tracking Error	3.39	-	4.12
Information Ratio	0.57	-	-0.65
Up Capture Ratio	99.02	-	92.49
Down Capture Ratio	83.38	-	99.37

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	34.07	25.98	26.42
Price/Book Ratio	7.30	7.55	6.09
Geom Avg Mkt Cap \$B	127.71	125.13	169.04
ROE	29.89	34.85	29.93

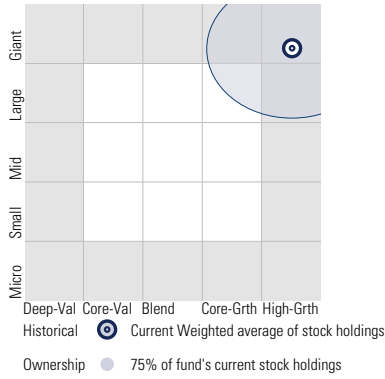
# MFS Growth R6 MFEKX

**Morningstar Category**  
Large Growth

**Morningstar Index**  
Russell 1000 Growth TR USD

## Style Analysis as of 09-30-2019

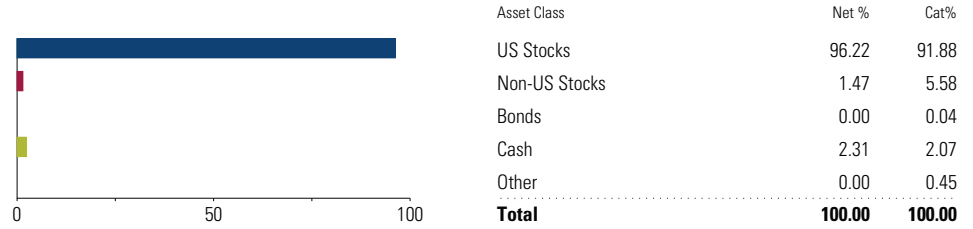
Morningstar Style Box™



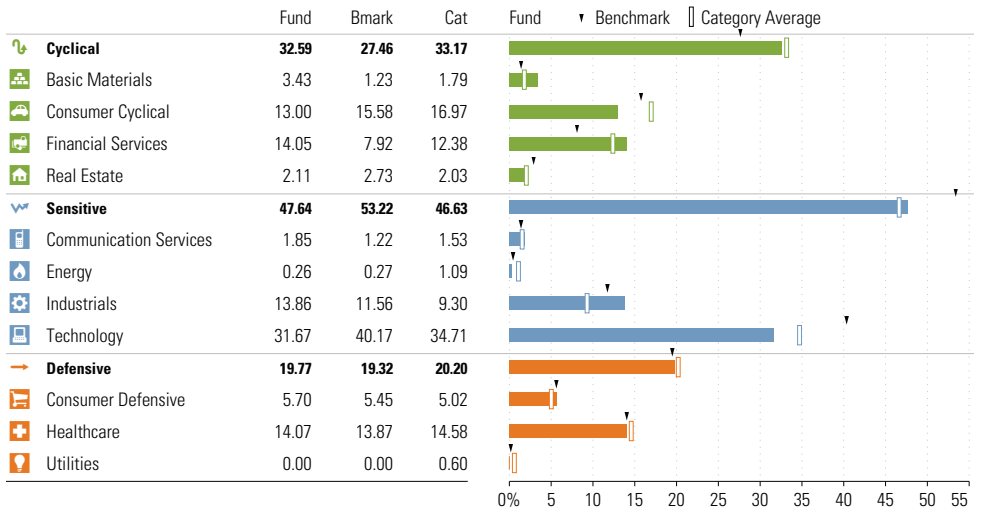
## Style Breakdown



## Asset Allocation as of 09-30-2019



## Sector Weighting as of 09-30-2019



## Top 15 Holdings as of 09-30-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	7.59	7.59	38.24	Technology
Amazon.com Inc	5.49	13.08	15.58	Consumer Cyclical
Visa Inc Class A	4.79	17.87	30.94	Financial Services
Mastercard Inc A	4.10	21.97	44.48	Financial Services
⊕ Alphabet Inc A	4.03	26.00	16.86	Technology
Adobe Inc	4.01	30.01	22.10	Technology
Thermo Fisher Scientific Inc	2.65	32.66	30.41	Healthcare
Fiserv Inc	2.47	35.13	40.96	Industrials
⊖ Facebook Inc A	2.44	37.58	35.85	Technology
⊕ Cash Cash	2.26	39.84	—	—
⊕ Global Payments Inc	2.23	42.07	54.20	Industrials
Danaher Corp	2.17	44.24	40.55	Healthcare
Salesforce.com Inc	2.06	46.30	8.37	Technology
Fidelity National Information Services Inc	2.02	48.32	30.48	Industrials
Zoetis Inc Class A	1.90	50.22	46.23	Healthcare

## Total Holdings 75

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# MFS Mid Cap Growth R6 OTCKX

**Morningstar Category**  
Mid-Cap Growth

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

## Portfolio Manager(s)

Eric Fischman since 11-2008

Paul Gordon since 05-2011

## Quantitative Screens

✔ **Performance:** The fund has finished in the Mid-Cap Growth 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 10.87 years.

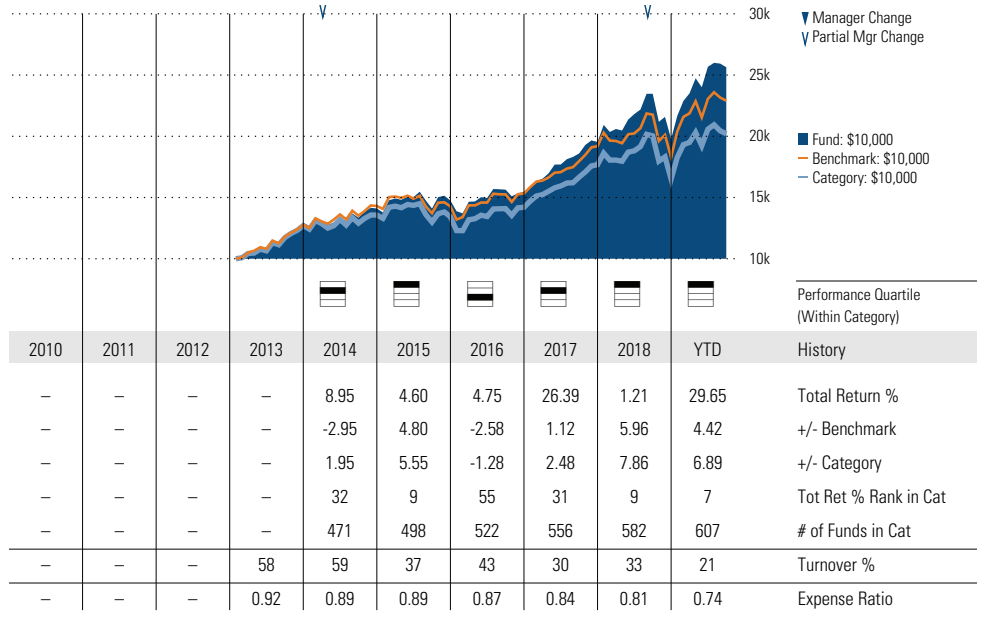
✔ **Style:** The fund has landed in its primary style box — Mid-Cap Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.81 is 29.57% lower than the Mid-Cap Growth category average.

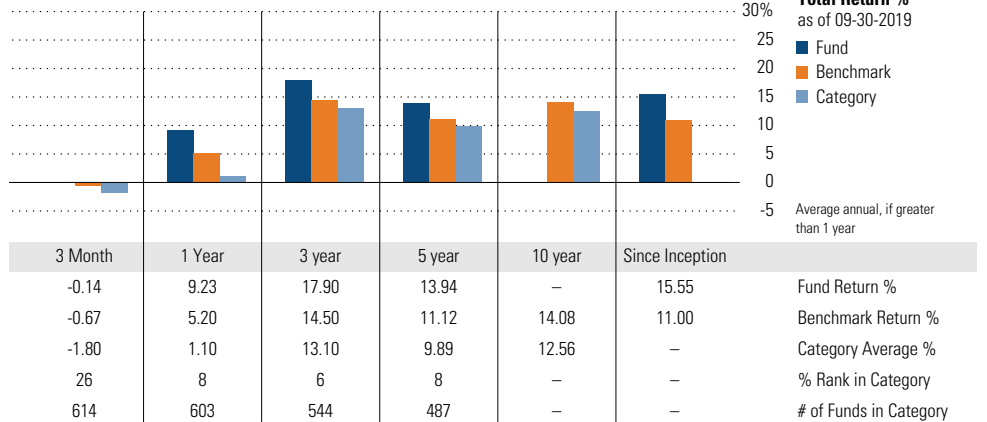
## Morningstar Investment Management LLC Analysis

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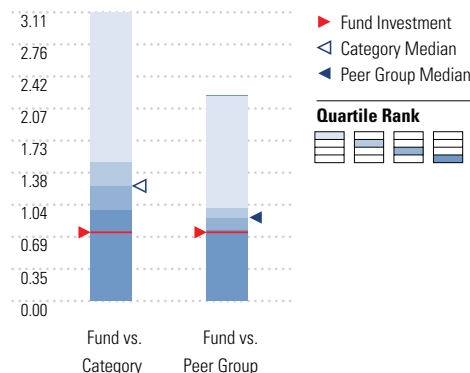
## Growth of \$10,000



## 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	4.42	-	-0.54
Beta	0.89	-	0.99
R-Squared	92.68	-	90.62
Standard Deviation	13.30	14.38	15.09
Sharpe Ratio	1.19	0.91	0.83
Tracking Error	3.93	-	4.64
Information Ratio	0.87	-	-0.30
Up Capture Ratio	100.32	-	97.41
Down Capture Ratio	77.70	-	100.52

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	37.12	25.90	30.85
Price/Book Ratio	6.01	6.19	4.91
Geom Avg Mkt Cap \$B	17.42	15.25	13.31
ROE	20.55	24.20	16.48

# MFS Mid Cap Growth R6 OTCKX

Morningstar Category

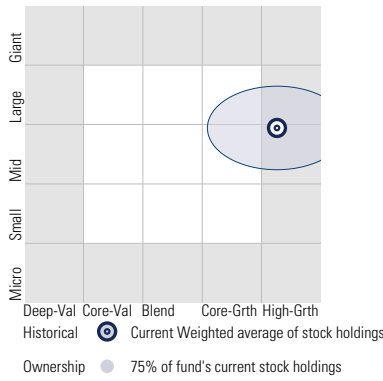
Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

## Style Analysis as of 09-30-2019

Morningstar Style Box™

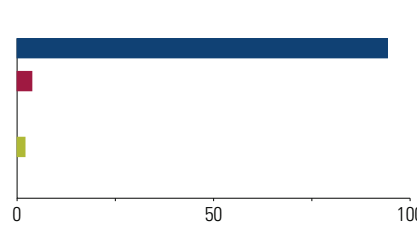


## Style Breakdown

Equity			Large Mid Small
Value	Blend	Growth	
0	6	37	
0	10	46	
0	0	1	



## Asset Allocation as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	94.24	92.66
Non-US Stocks	3.75	4.06
Bonds	0.00	0.03
Cash	2.01	2.95
Other	0.00	0.30
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2019

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>32.14</b>	<b>27.23</b>	<b>32.68</b>			
Basic Materials	3.52	1.97	2.95			
Consumer Cyclical	17.30	17.18	15.59			
Financial Services	6.67	4.42	8.89			
Real Estate	4.65	3.66	5.25			
<b>Sensitive</b>	<b>51.72</b>	<b>54.12</b>	<b>46.82</b>			
Communication Services	1.14	0.78	0.73			
Energy	0.47	1.27	1.50			
Industrials	26.16	20.81	16.20			
Technology	23.95	31.26	28.39			
<b>Defensive</b>	<b>16.14</b>	<b>18.64</b>	<b>20.51</b>			
Consumer Defensive	1.30	5.74	3.83			
Healthcare	14.84	12.90	15.96			
Utilities	0.00	0.00	0.72			

## Top 15 Holdings as of 09-30-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Global Payments Inc	4.33	4.33	54.20	Industrials
⊕ Bright Horizons Family Solutions Inc	3.76	8.08	36.83	Consumer Cyclical
⊕ Fidelity National Information Services Inc	2.74	10.82	30.48	Industrials
⊕ Verisk Analytics Inc	2.32	13.14	45.72	Industrials
⊕ PerkinElmer Inc	2.30	15.44	8.70	Healthcare
⊕ Copart Inc	2.22	17.66	68.12	Consumer Cyclical
⊕ AMETEK Inc	2.22	19.88	36.25	Industrials
⊕ Fiserv Inc	2.19	22.07	40.96	Industrials
⊕ Cadence Design Systems Inc	2.10	24.17	51.98	Technology
⊕ Steris PLC	2.06	26.23	36.21	Healthcare
⊕ Roper Technologies Inc	1.96	28.19	34.32	Industrials
⊕ IHS Markit Ltd	1.92	30.12	39.42	Industrials
⊕ Cash Cash	1.91	32.03	-	-
⊕ SBA Communications Corp	1.84	33.87	49.19	Real Estate
⊕ Vulcan Materials Co	1.80	35.67	54.02	Basic Materials

**Total Holdings 97**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# PGIM Jennison Small Company R6 PJSQX

**Morningstar Category**  
Small Growth

**Morningstar Index**  
Russell 2000 Growth TR USD

## Portfolio Manager(s)

John Mullman since 05-2000  
Jason Swiatek since 11-2013  
Jonathan Shapiro since 07-2018

## Quantitative Screens

✔ **Performance:** The fund has finished in the Small 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 19.42 years.

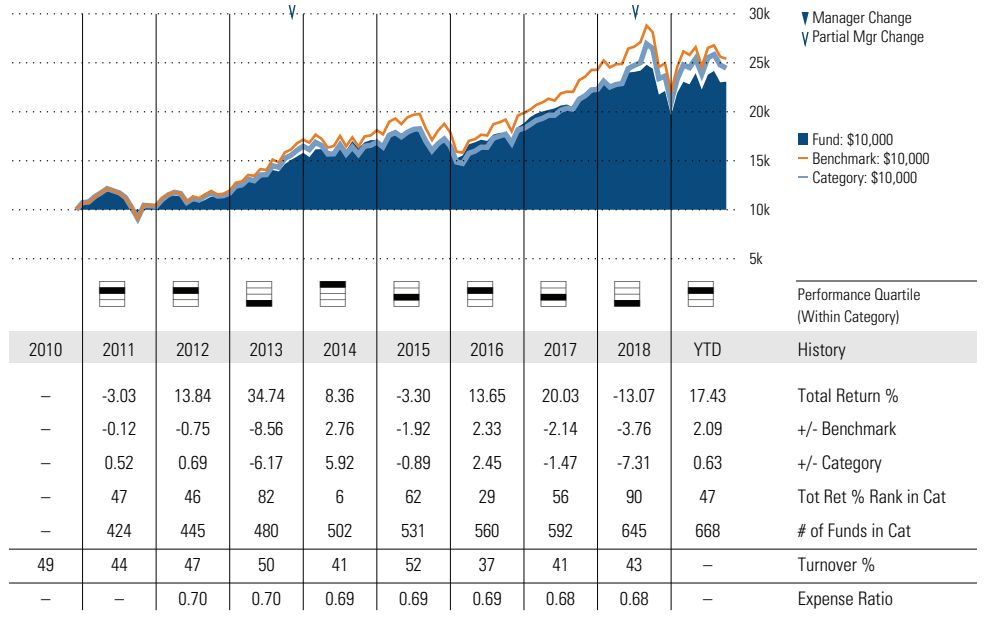
✘ **Style:** The fund has landed in its primary style box — Small Growth — 45.71 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.68 is 44.26% lower than the Small Growth category average.

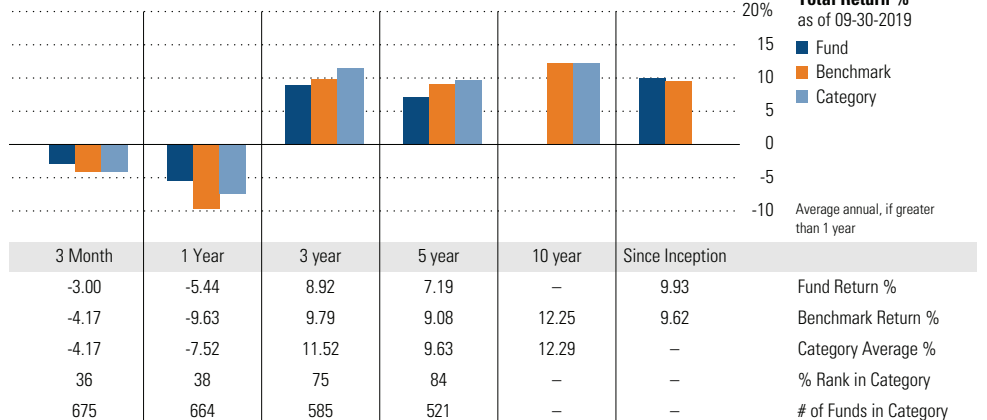
## Morningstar Investment Management LLC Analysis

This fund fails our style screen due to edging up into mid-cap territory but its portfolio positioning is consistent with the overall investment strategy.

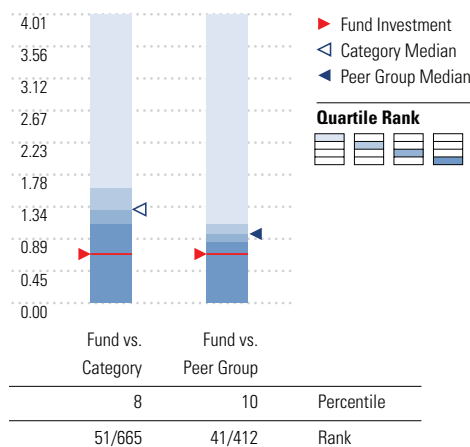
## Growth of \$10,000



## 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	0.37	-	2.42
Beta	0.86	-	0.94
R-Squared	94.12	-	91.43
Standard Deviation	15.54	17.47	17.30
Sharpe Ratio	0.52	0.53	0.64
Tracking Error	4.47	-	5.10
Information Ratio	-0.20	-	0.38
Up Capture Ratio	87.56	-	99.42
Down Capture Ratio	86.05	-	88.96

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	19.21	23.13	27.02
Price/Book Ratio	2.02	3.83	4.13
Geom Avg Mkt Cap \$B	4.10	2.03	3.72
ROE	9.76	6.01	7.16

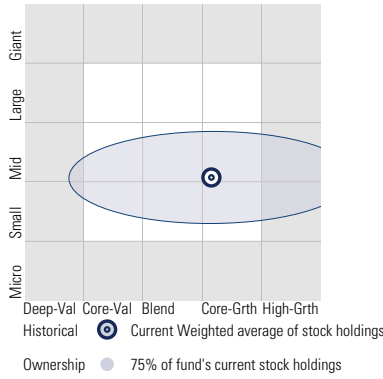
# PGIM Jennison Small Company R6 PJSQX

**Morningstar Category**  
Small Growth

**Morningstar Index**  
Russell 2000 Growth TR USD

## Style Analysis as of 09-30-2019

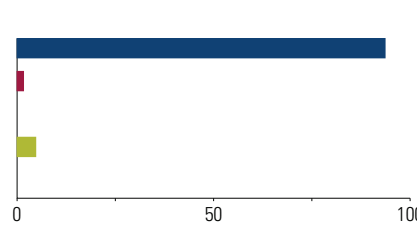
Morningstar Style Box™



## Style Breakdown

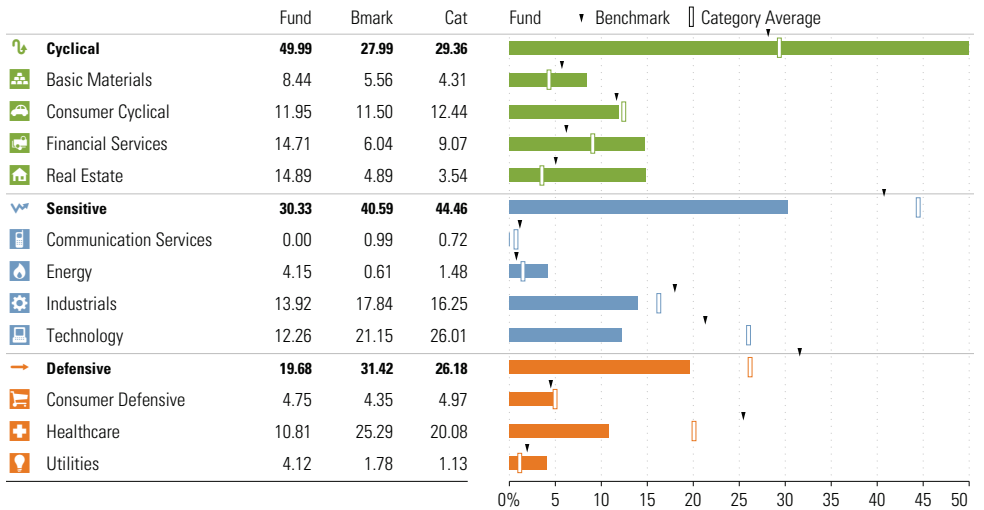


## Asset Allocation as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	93.63	93.72
Non-US Stocks	1.63	3.23
Bonds	0.00	0.00
Cash	4.74	2.80
Other	0.00	0.25
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2019



## Top 15 Holdings as of 09-30-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Pgim Core Ultra Short Bond Fund	4.74	4.74	-	-
⊖ Pinnacle Financial Partners Inc	3.17	7.91	24.14	Financial Services
⊖ CDW Corp	2.71	10.61	53.15	Technology
East West Bancorp Inc	2.55	13.16	3.54	Financial Services
Gaming and Leisure Properties Inc	2.49	15.65	24.67	Real Estate
WPX Energy Inc Class A	2.32	17.97	-6.70	Energy
⊖ Summit Materials Inc A	2.27	20.24	79.03	Basic Materials
⊖ Saia Inc	2.27	22.50	67.86	Industrials
BankUnited Inc	2.25	24.76	14.40	Financial Services
⊖ Performance Food Group Co	2.25	27.01	42.58	Consumer Defensive
The Howard Hughes Corp	2.22	29.22	32.76	Real Estate
⊕ HubSpot Inc	2.09	31.31	20.58	Technology
⊕ Mobile Mini Inc	2.07	33.38	18.69	Industrials
MFA Financial Inc	1.90	35.28	19.16	Real Estate
Rexnord Corp	1.83	37.11	17.86	Industrials

**Total Holdings 111**

⊕ 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)

Mihir Worah since 12-2007  
 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 11.76 years.

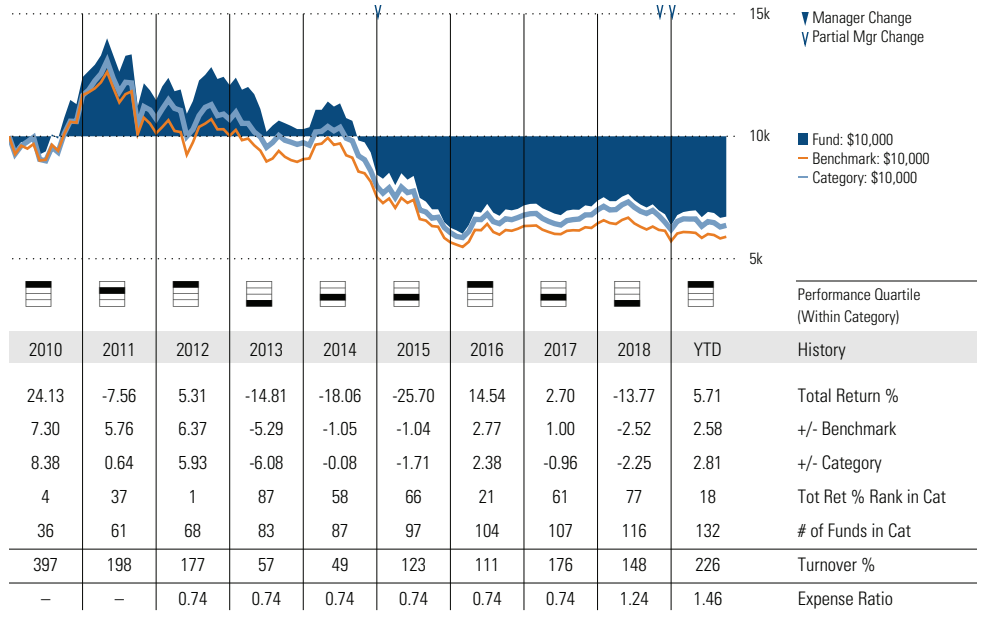
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 1.46 is 24.79% higher than the Commodities Broad Basket category average.

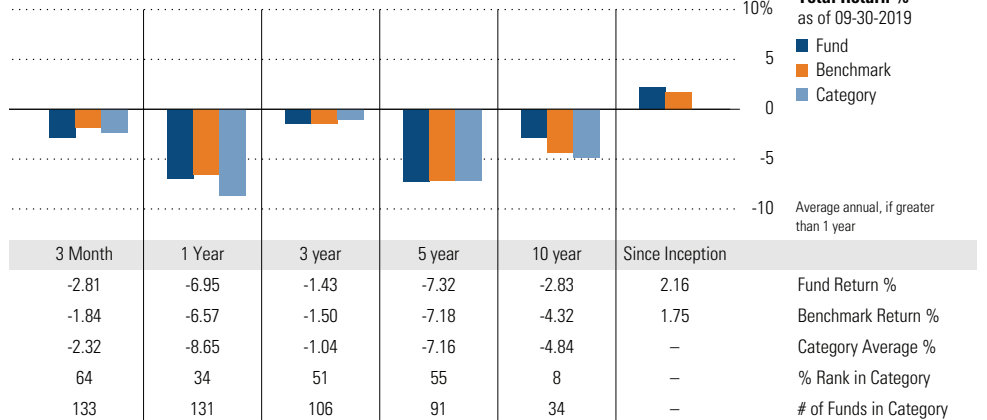
## Morningstar Investment Management LLC Analysis

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

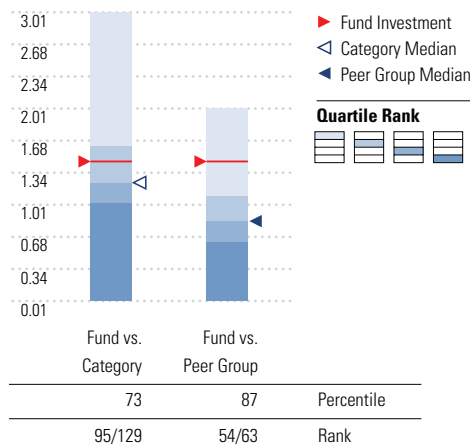
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.26	-	0.71
Beta	1.09	-	1.04
R-Squared	95.53	-	74.99
Standard Deviation	8.88	7.94	9.86
Sharpe Ratio	-0.30	-0.35	-0.27
Tracking Error	2.02	-	5.07
Information Ratio	0.03	-	-0.10
Up Capture Ratio	112.87	-	116.78
Down Capture Ratio	110.29	-	110.03

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	12.32	-	11.29
Price/Book Ratio	1.51	-	1.41
Geom Avg Mkt Cap \$B	20.09	-	23.90
ROE	16.78	-	20.51

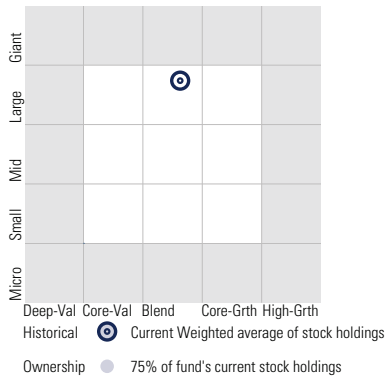
# PIMCO Commodity Real Ret Strat Instl PCRIX

**Morningstar Category**  
Commodities Broad Basket

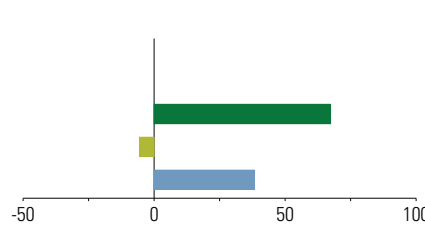
**Morningstar Index**  
Bloomberg Commodity TR USD

## Style Analysis as of 09-30-2019

Morningstar Style Box™

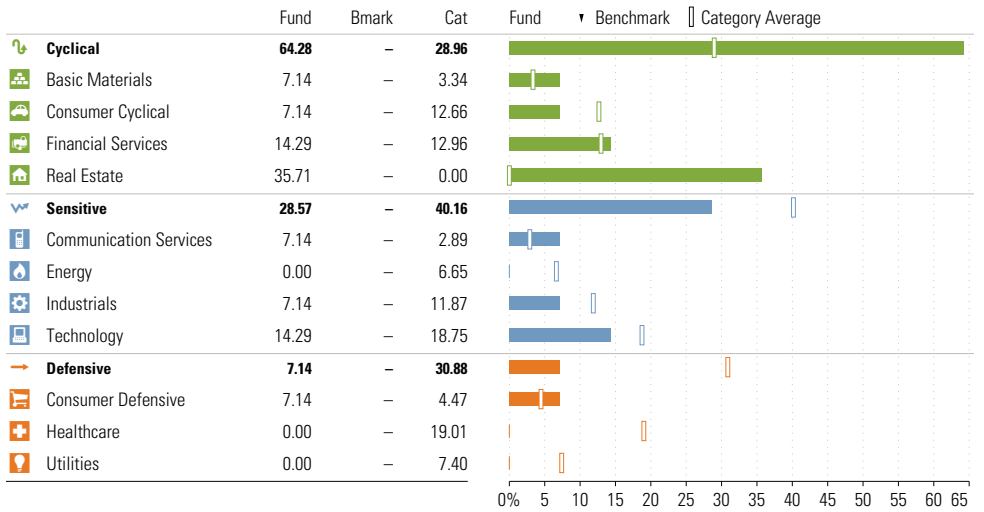


## Asset Allocation as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	0.00	3.15
Non-US Stocks	0.00	1.88
Bonds	67.35	16.03
Cash	-5.58	63.84
Other	38.23	15.11
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2019



## Style Breakdown



## Top 15 Holdings as of 09-30-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Euro Schatz Sept19	28.32	28.32	-	-
✱ CashOffSet	24.76	53.08	-	-
Pimco Cayman Cmdty Fd Ltd Instl	23.48	76.57	-	-
⊕ Offset: Unsettled Trades	17.59	94.16	-	-
⊕ United States Treasury Notes 0.12%	17.53	111.69	-	-
⊕ Euro BUND Future Sept19	15.82	127.51	-	-
⊕ Federal National Mortgage Association 3.5%	11.84	139.35	-	-
⊕ Trs R 2.62/912828k33 Myc	7.83	147.19	-	-
⊕ Euro OAT Sept19	7.46	154.65	-	-
⊕ United States Treasury Bonds 2.38%	6.44	161.09	-	-
Irs Usd 2.25000 12/20/17-5y Cme	5.93	167.02	-	-
⊕ United States Treasury Notes 0.62%	5.89	172.92	-	-
Irs Usd 2.40000 03/16/21-5y Cme	5.88	178.79	-	-
⊕ Irs Usd 2.25000 12/20/17-5y Cme	5.83	184.62	-	-
⊕ Irs Usd 2.40000 03/16/21-5y Cme	5.72	190.34	-	-

**Total Holdings 949**

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# PIMCO Income Instl PIMIX

**Morningstar Category**  
Multisector Bond

**Morningstar Index**  
BBgBarc US Universal TR USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 12.51 years.

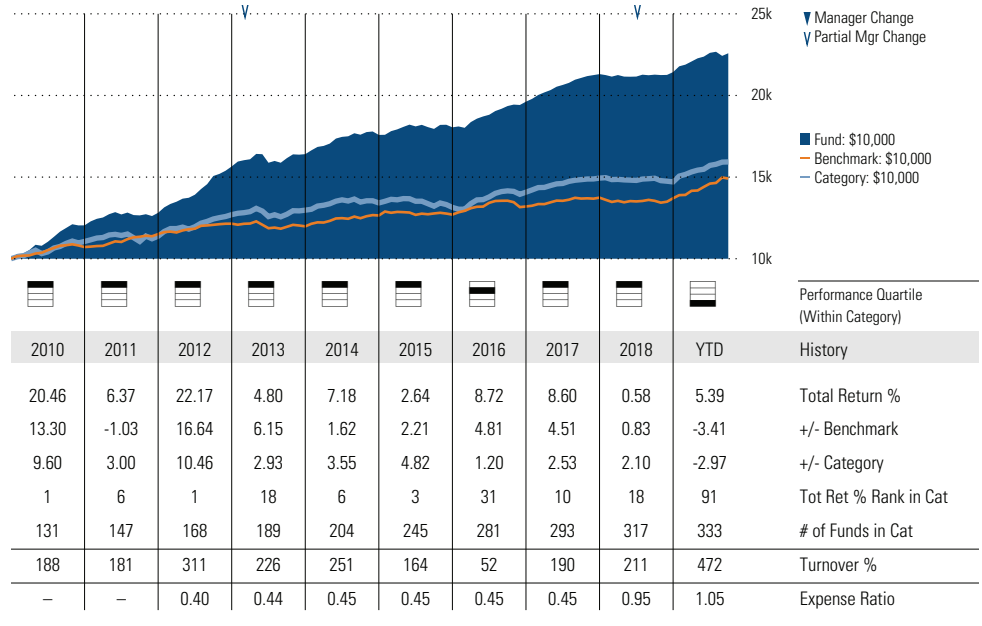
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 1.05 is 1.87% lower than the Multisector Bond category average.

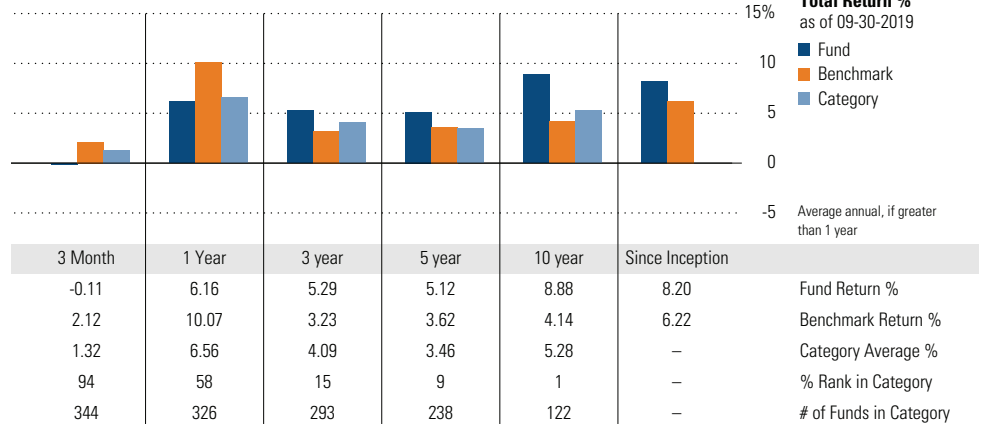
## Morningstar Investment Management LLC Analysis

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.

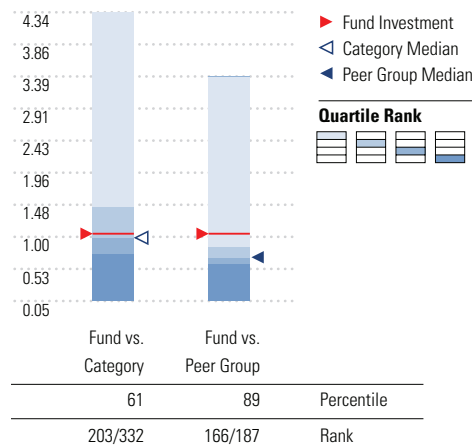
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	4.52	-	2.50
Beta	0.21	-	0.50
R-Squared	11.12	-	32.11
Standard Deviation	1.90	3.09	3.00
Sharpe Ratio	1.84	0.54	0.93
Tracking Error	3.04	-	2.99
Information Ratio	0.67	-	0.31
Up Capture Ratio	76.06	-	82.75
Down Capture Ratio	-26.30	-	29.96

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	0.44	4.55	3.99
Avg Eff Maturity	3.30	7.69	6.39

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

# PIMCO Income Instl PIMIX

**Morningstar Category**  
Multisector Bond

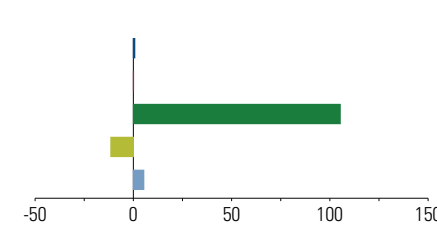
**Morningstar Index**  
BBgBarc US Universal TR USD

## Style Analysis as of 09-30-2019

### Style Breakdown



## Asset Allocation as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	0.74	1.35
Non-US Stocks	0.11	0.40
Bonds	105.30	88.12
Cash	-11.48	6.96
Other	5.33	3.17
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	56.00	67.64	15.27
AA	7.00	3.23	10.34
A	4.00	10.03	13.36
BBB	14.00	10.89	20.77
BB	6.00	3.19	19.62
B	7.00	3.64	12.71
Below B	6.00	1.38	2.29
Not Rated	0.00	0.00	5.64

## Sector Weighting as of 09-30-2019

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Government</b>	<b>26.45</b>	-	<b>14.56</b>			
Treasury	4.53	-	9.30			
Inflation - Protected	0.70	-	1.53			
Agency/Quasi Agency	0.16	-	0.89			
Other Government Related	21.06	-	2.84			
<b>Corporate</b>	<b>8.05</b>	-	<b>29.04</b>			
Corporate Bond	5.21	-	24.92			
Bank Loan	1.32	-	2.09			
Convertible	1.51	-	1.64			
Preferred	0.01	-	0.39			
<b>Securitized</b>	<b>25.81</b>	-	<b>30.54</b>			
Agency MBS Pass-Through	11.44	-	8.18			
Agency MBS ARM	0.00	-	0.03			
Agency MBS CMO	0.66	-	5.18			
Non-Agency Residential MBS	3.85	-	5.43			
Commercial MBS	0.36	-	1.35			
Asset-Backed	9.49	-	10.32			
Covered Bond	0.01	-	0.05			
<b>Municipal</b>	<b>0.05</b>	-	<b>0.79</b>			
<b>Cash &amp; Equivalents</b>	<b>24.39</b>	-	<b>23.85</b>			
<b>Other</b>	<b>13.42</b>	-	<b>0.79</b>			

## Top 10 Holdings as of 09-30-2019

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Irs Usd 3.00000 06/19/19-5y Cme	06-2024	14.34	14.34	-
Irs Jpy 0.45000 03/20/19-10y Lch	03-2029	14.26	28.60	-
⊕ Irs Jpy 0.45000 03/20/19-10y Lch	03-2029	13.67	42.26	-
⊕ Irs Usd 3.00000 06/19/19-5y Cme	06-2024	13.54	55.80	-
Irs Eur 0.00000 08/19/19-2y Lch	08-2021	13.10	68.90	-
⊕ Irs Eur 0.00000 08/19/19-2y Lch	08-2021	13.00	81.90	-
⊕ US 5 Year Note (CBT) Sept19	09-2019	9.56	91.46	-
Cirs Usd 4y Mat 3.85/2.00% M 7/2020 Dub	07-2022	7.92	99.38	-
Cirs Usd 4y Mat 3.82/2.00% M 7/2020 Gln	07-2022	7.92	107.30	-
Cirs Usd 4y Mat 3.82/2.00% M 6/2020 Myc	06-2022	7.91	115.21	-

**Total Holdings 7621**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Templeton Global Bond R6 FBNRX

**Morningstar Category**  
Nontraditional Bond

**Morningstar Index**  
BBgBarc US Govt/Credit 5-10 Yr TR USD

## Portfolio Manager(s)

Michael Hasenstab since 12-2001  
Calvin Ho since 12-2018

## Quantitative Screens

✔ **Performance:** The fund has finished in the Nontraditional Bond category's top three quartiles in 4 of the 6 years it's been in existence.

✔ **Management:** The fund's management has been in place for 17.76 years.

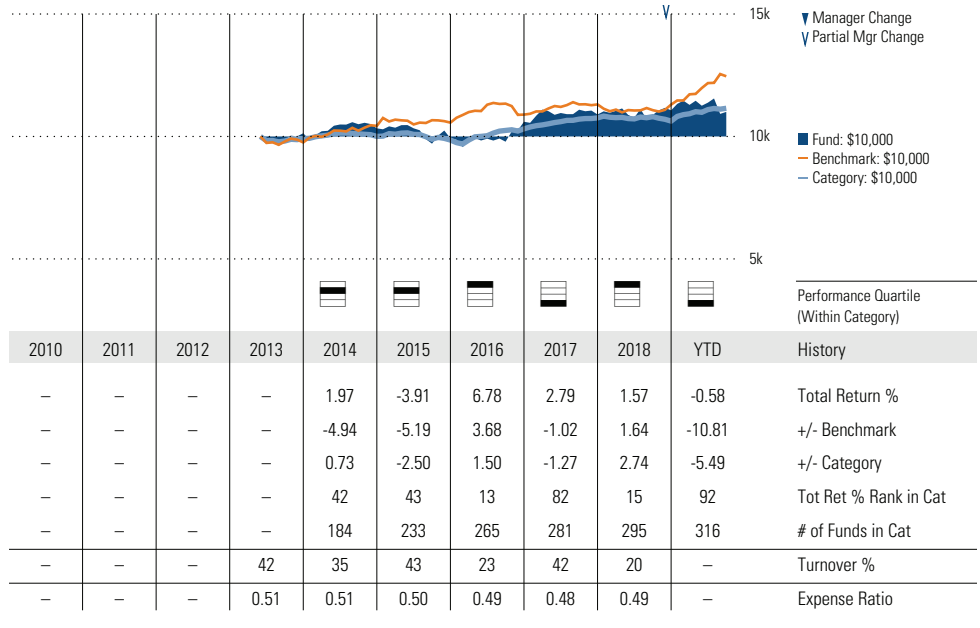
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.49 is 60.16% lower than the Nontraditional Bond category average.

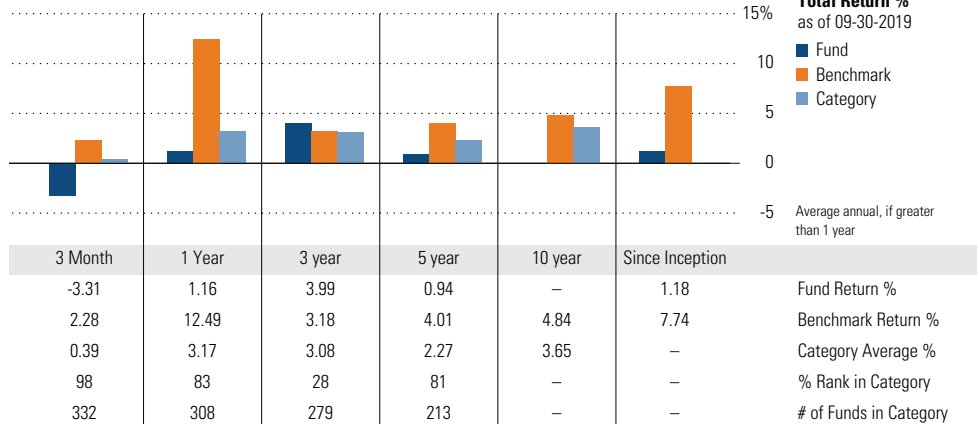
## Morningstar Investment Management LLC Analysis

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

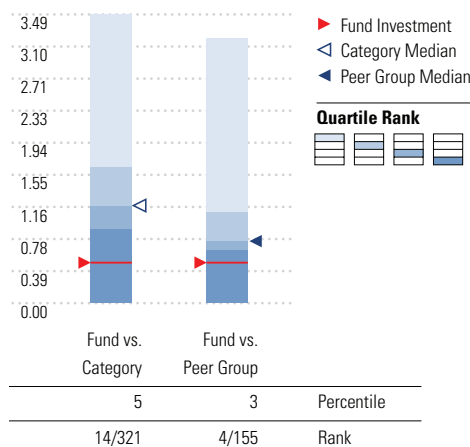
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	6.68	-	3.01
Beta	-0.79	-	0.01
R-Squared	21.78	-	12.88
Standard Deviation	6.85	4.06	2.99
Sharpe Ratio	0.37	0.40	0.65
Tracking Error	9.45	-	5.01
Information Ratio	0.09	-	-0.02
Up Capture Ratio	-5.71	-	33.41
Down Capture Ratio	-115.71	-	-18.02

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	-2.82	6.37	1.74
Avg Eff Maturity	1.20	7.30	7.76

# Templeton Global Bond R6 FBNRX

**Morningstar Category**  
Nontraditional Bond

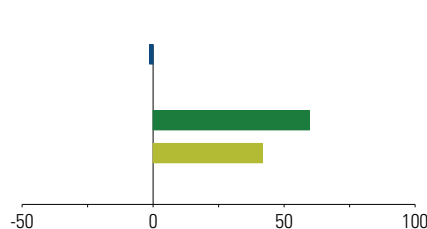
**Morningstar Index**  
BBgBarc US Govt/Credit 5-10 Yr TR USD

## Style Analysis as of 09-30-2019

### Style Breakdown



## Asset Allocation as of 09-30-2019

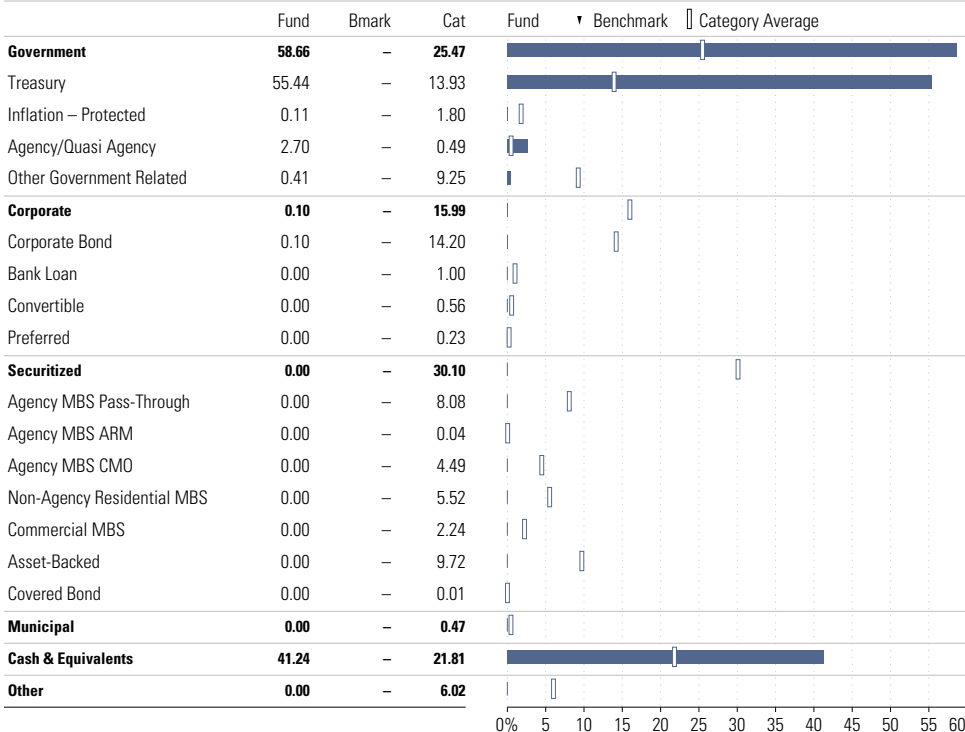


Asset Class	Net %	Cat%
US Stocks	-1.31	-0.01
Non-US Stocks	0.00	0.20
Bonds	59.67	77.24
Cash	41.65	21.43
Other	0.00	1.11
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	24.50	57.60	37.03
AA	6.54	6.60	6.75
A	18.45	17.44	12.43
BBB	26.22	18.36	16.58
BB	19.01	0.00	11.91
B	8.17	0.00	7.27
Below B	0.00	0.00	4.59
Not Rated	-2.88	0.00	3.43

## Sector Weighting as of 09-30-2019



## Top 10 Holdings as of 09-30-2019

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊖ Franklin IFT Money Market	-	20.98	20.98	-
Mexico (United Mexican States) 8%	06-2020	8.33	29.31	-
Mexico (United Mexican States) 6.5%	06-2021	4.34	33.65	-
⊕ Otc Securitized Margin Cash -	02-2049	4.13	37.78	-
Brazil (Federative Republic) 10%	01-2023	4.01	41.78	-
⊕ United States Treasury Bills 0%	09-2019	3.89	45.68	-
Brazil (Federative Republic) 10%	01-2021	3.00	48.67	-
⊕ United States Treasury Bills 0%	10-2019	2.80	51.48	-
Secretaria Tesouro Nacional 0%	07-2020	2.43	53.91	-
United States Treasury Bills 0%	09-2019	2.41	56.32	-

**Total Holdings 216**

⊕ 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 3.43 years.

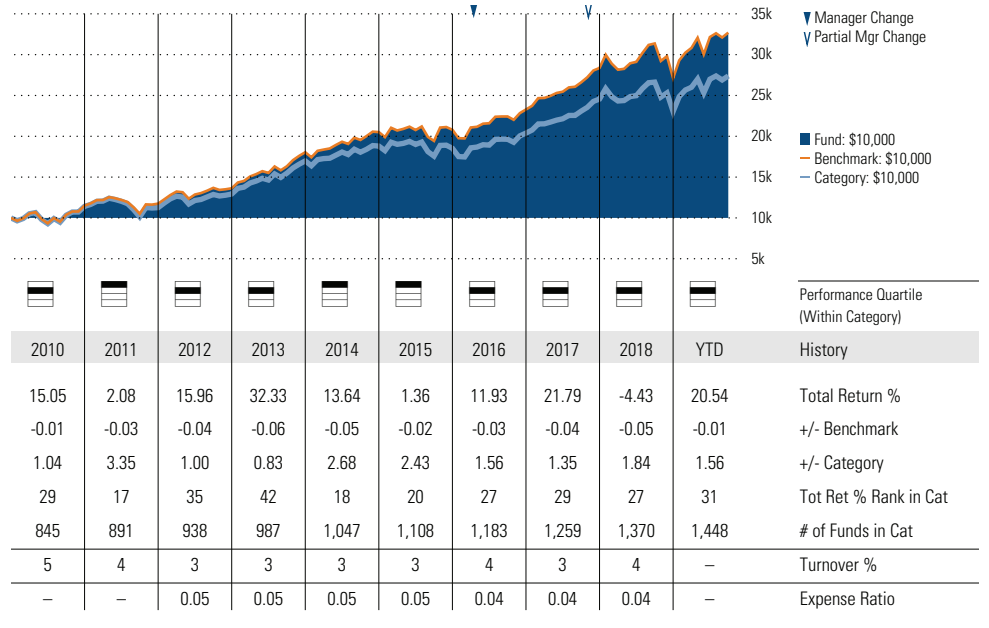
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.04 is 95.6% lower than the Large Blend category average.

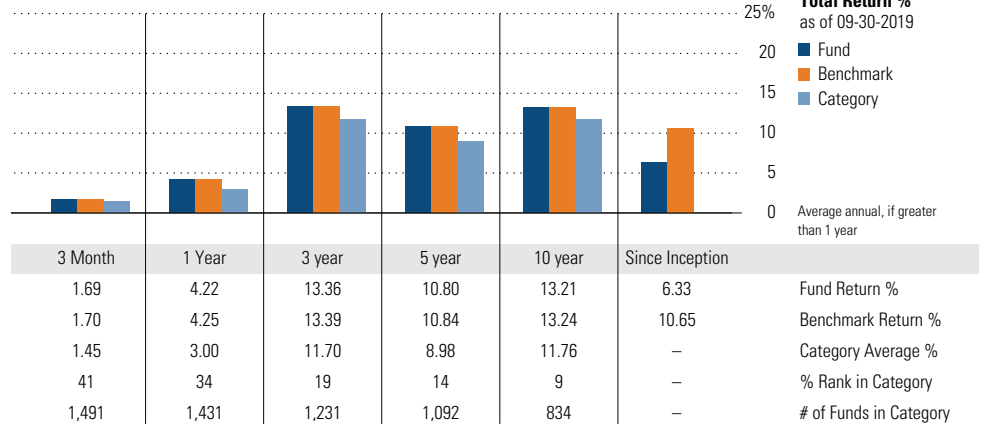
## Morningstar Investment Management LLC Analysis

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.

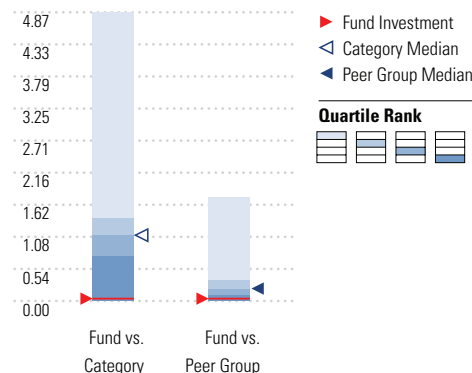
## Growth of \$10,000



## 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	-	-1.24
Beta	1.00	-	0.96
R-Squared	100.00	-	93.99
Standard Deviation	12.18	12.18	12.01
Sharpe Ratio	0.96	0.96	0.84
Tracking Error	0.01	-	2.98
Information Ratio	-4.03	-	-1.29
Up Capture Ratio	99.88	-	91.29
Down Capture Ratio	100.05	-	97.85

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.32	20.32	20.89
Price/Book Ratio	3.18	3.18	3.47
Geom Avg Mkt Cap \$B	111.22	111.20	178.81
ROE	26.31	26.31	28.46

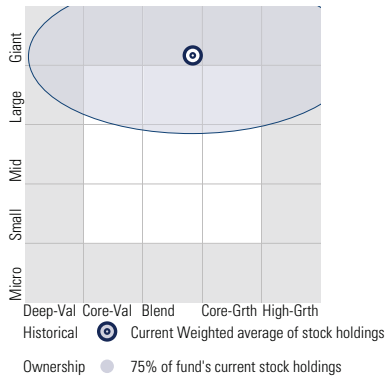
# Vanguard 500 Index Admiral VFIAX

**Morningstar Category**  
Large Blend

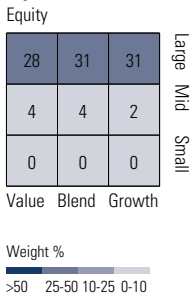
**Morningstar Index**  
S&P 500 TR USD

## Style Analysis as of 09-30-2019

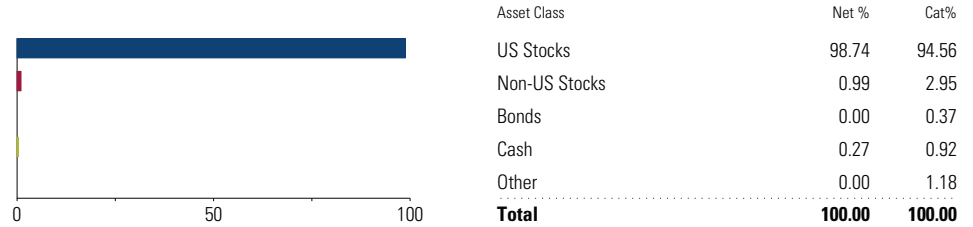
Morningstar Style Box™



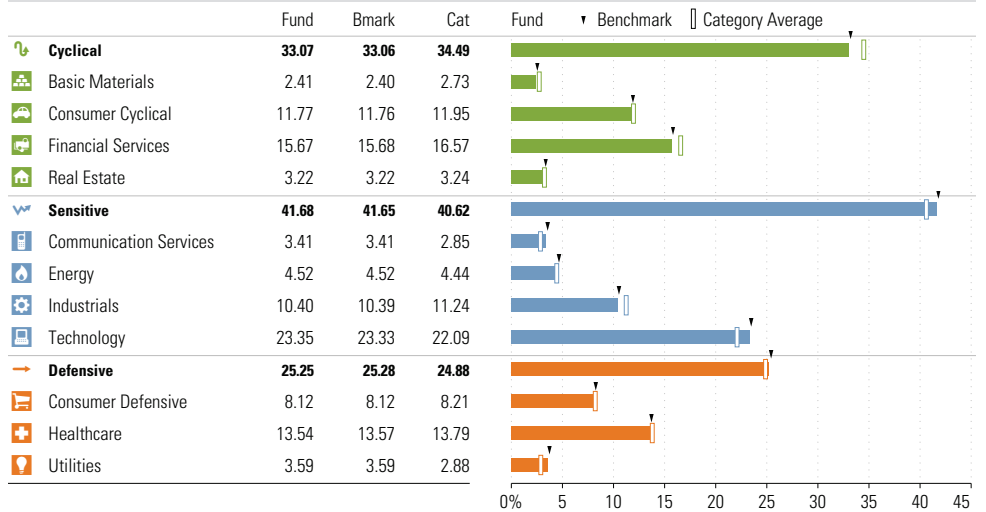
## Style Breakdown



## Asset Allocation as of 09-30-2019



## Sector Weighting as of 09-30-2019



## Top 15 Holdings as of 09-30-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	4.29	4.29	38.24	Technology
Apple Inc	3.84	8.13	43.43	Technology
Amazon.com Inc	2.91	11.04	15.58	Consumer Cyclical
Facebook Inc A	1.73	12.77	35.85	Technology
Berkshire Hathaway Inc B	1.60	14.37	1.88	Financial Services
JPMorgan Chase & Co	1.52	15.89	23.02	Financial Services
Alphabet Inc Class C	1.49	17.38	17.71	Technology
Alphabet Inc A	1.47	18.85	16.86	Technology
Johnson & Johnson	1.38	20.23	2.43	Healthcare
Procter & Gamble Co	1.26	21.49	37.72	Consumer Defensive
Exxon Mobil Corp	1.21	22.70	7.30	Energy
Visa Inc Class A	1.20	23.90	30.94	Financial Services
AT&T Inc	1.12	25.01	37.95	Communication Svc
The Home Depot Inc	1.03	26.04	37.41	Consumer Cyclical
Verizon Communications Inc	1.01	27.05	10.58	Communication Svc

**Total Holdings 516**

⊕ 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

## 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 8.12 years.

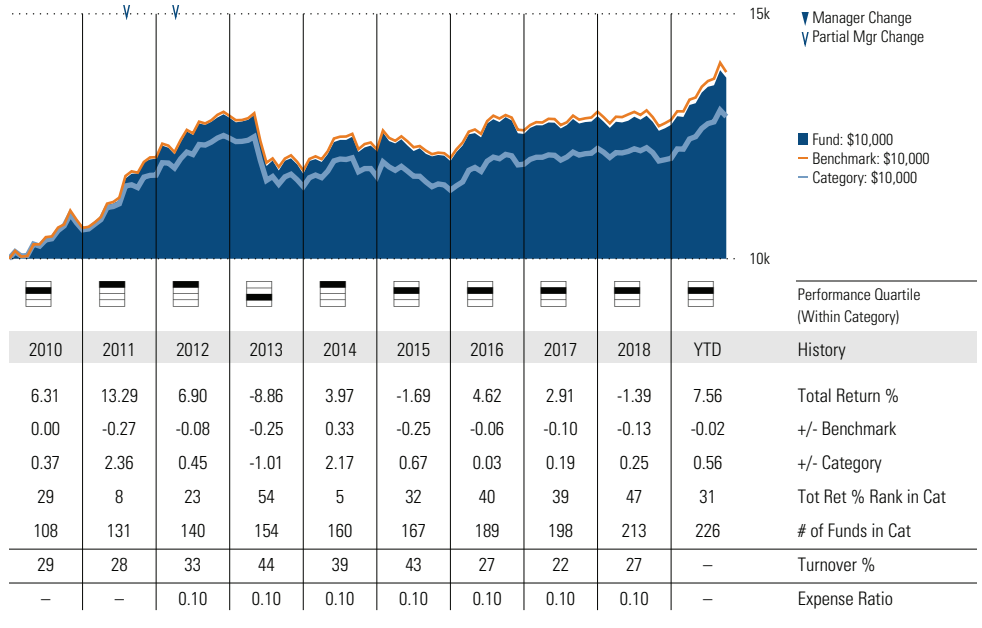
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.1 is 86.67% lower than the Inflation-Protected Bond category average.

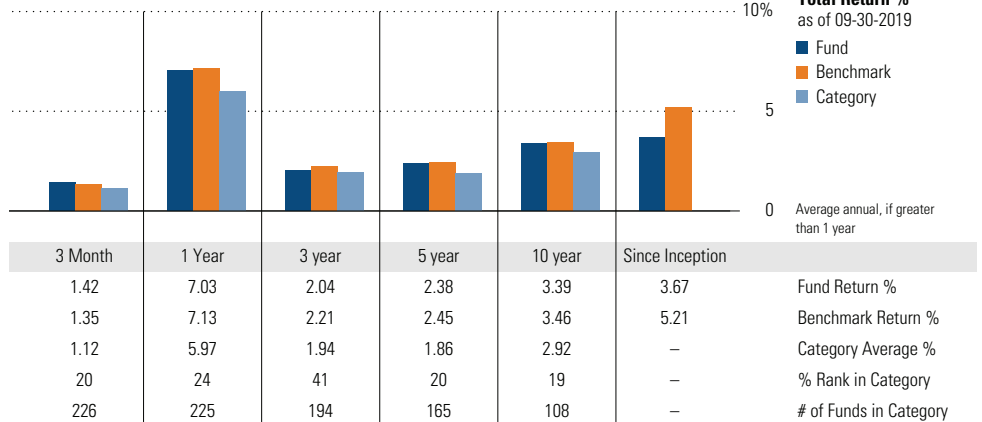
## Morningstar Investment Management LLC Analysis

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

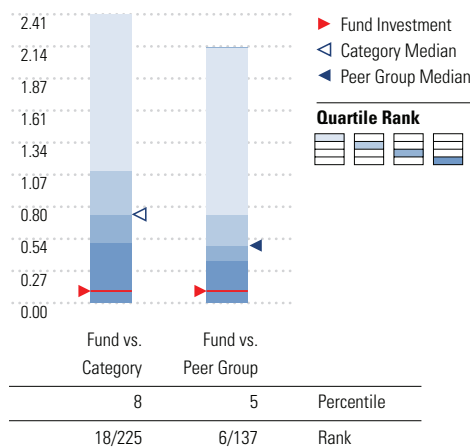
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.14	-	0.08
Beta	0.99	-	0.76
R-Squared	99.01	-	82.74
Standard Deviation	3.27	3.28	2.86
Sharpe Ratio	0.15	0.20	0.04
Tracking Error	0.33	-	1.46
Information Ratio	-0.52	-	-0.63
Up Capture Ratio	97.81	-	76.67
Down Capture Ratio	101.22	-	74.77

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	7.93	4.52	7.65
Avg Eff Maturity	8.70	-	8.87

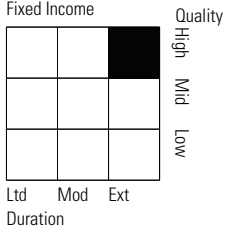
# Vanguard Inflation-Protected Secs Adm VAIPX

**Morningstar Category**  
Inflation-Protected Bond

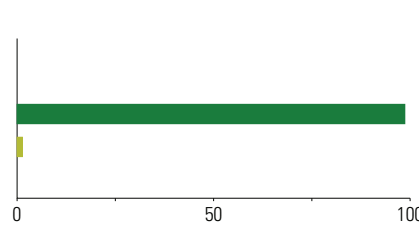
**Morningstar Index**  
BBgBarc US Treasury US TIPS TR USD

**Style Analysis** as of 09-30-2019

**Style Breakdown**



**Asset Allocation** as of 09-30-2019

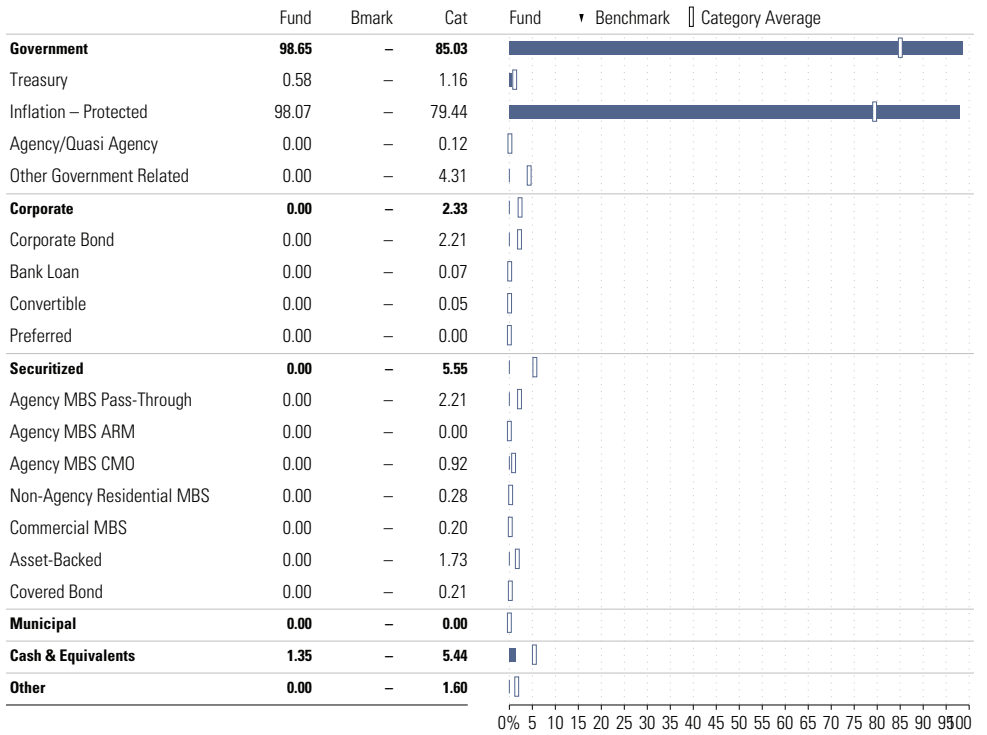


Asset Class	Net %	Cat%
US Stocks	0.00	0.01
Non-US Stocks	0.00	0.01
Bonds	98.65	97.96
Cash	1.35	1.81
Other	0.00	0.21
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Credit Rating Breakdown**

	Fund	Bmark	Cat
AAA	100.00	0.00	84.12
AA	0.00	99.60	10.37
A	0.00	0.00	0.00
BBB	0.00	0.00	5.26
BB	0.00	0.00	0.00
B	0.00	0.00	0.00
Below B	0.00	0.00	0.00
Not Rated	0.00	0.40	0.25

**Sector Weighting** as of 09-30-2019



**Top 10 Holdings** as of 09-30-2019

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
United States Treasury Notes 0.12%	04-2022	3.90	3.90	-
United States Treasury Notes 0.12%	01-2023	3.61	7.52	-
⊖ United States Treasury Notes 0.62%	01-2024	3.60	11.12	-
⊖ United States Treasury Notes 0.62%	04-2023	3.59	14.71	-
⊖ United States Treasury Notes 0.38%	07-2025	3.55	18.26	-
⊖ United States Treasury Notes 0.38%	07-2023	3.50	21.76	-
⊖ United States Treasury Notes 0.25%	01-2025	3.50	25.25	-
United States Treasury Notes 0.12%	01-2022	3.48	28.74	-
⊖ United States Treasury Notes 0.12%	07-2024	3.41	32.15	-
⊖ United States Treasury Notes 0.62%	01-2026	3.20	35.35	-

**Total Holdings 43**

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# Vanguard International Value Inv VTRIX

**Morningstar Category**  
Foreign Large Value

**Morningstar Index**  
MSCI EAFE NR USD

## Portfolio Manager(s)

Sandy Nairn since 05-2008  
Michael Bennett since 05-2010  
Michael Fry since 05-2010  
Steven Morrow since 08-2012  
A. Krishna since 08-2012

## Quantitative Screens

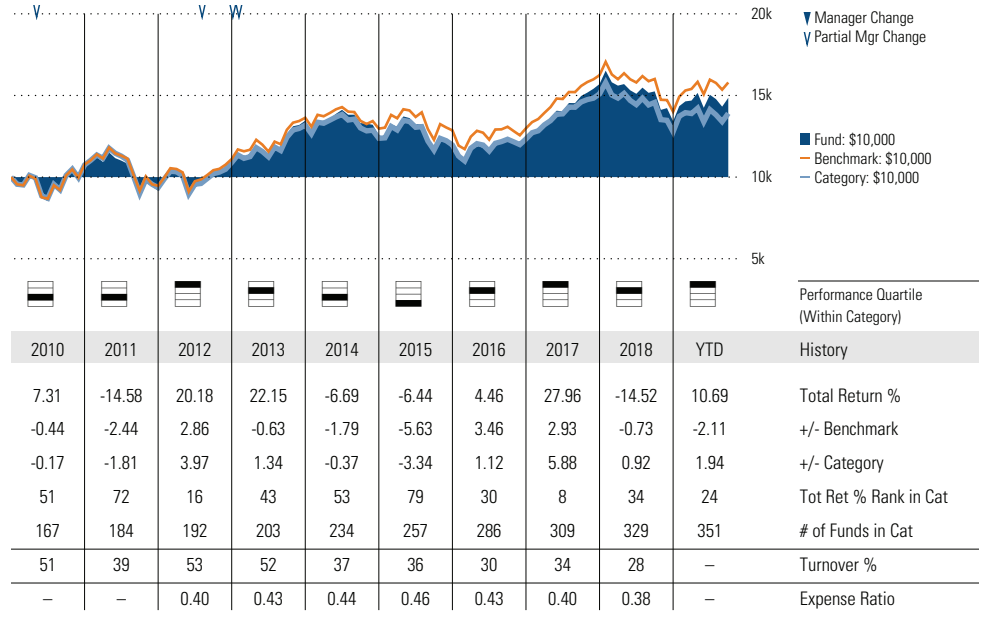
✔ **Performance:** The fund has finished in the Foreign Large Value category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 11.38 years.

✗ **Style:** The fund has landed in its primary style box — Large Value — 9.09 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.38 is 64.81% lower than the Foreign Large Value category average.

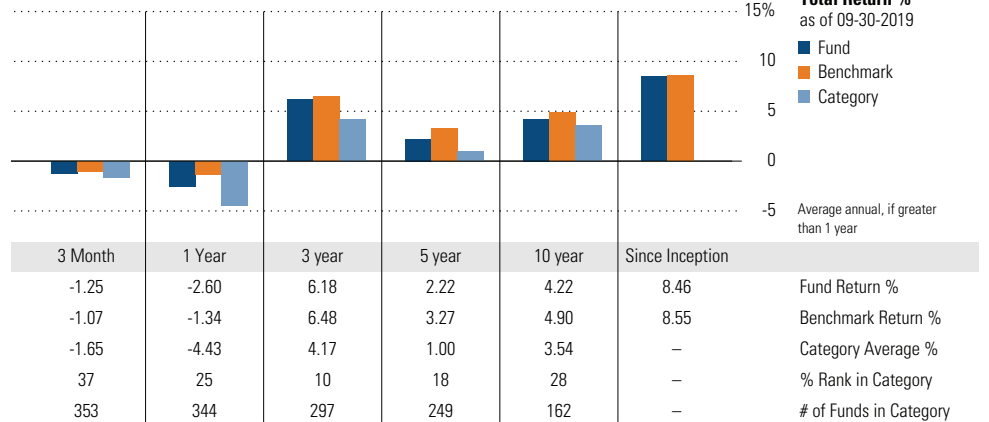
## Growth of \$10,000



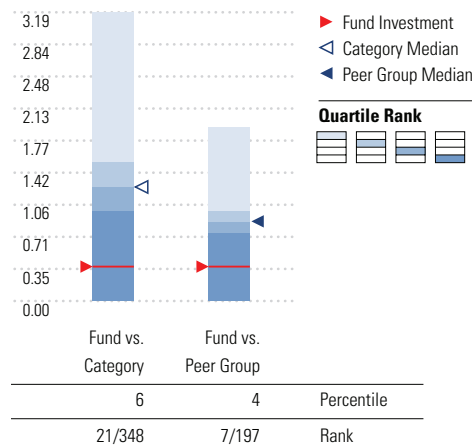
## Morningstar Investment Management LLC Analysis

This foreign large value fund fails our style consistency screen owing to its occasional drift into the blend portion of the style box. However, the movement has been minor and the fund still pursues a value-oriented strategy.

## 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	-	-2.84
Beta	1.01	-	1.02
R-Squared	95.78	-	89.43
Standard Deviation	11.42	11.07	12.01
Sharpe Ratio	0.44	0.48	0.22
Tracking Error	2.35	-	3.87
Information Ratio	-0.13	-	-0.81
Up Capture Ratio	98.90	-	92.25
Down Capture Ratio	100.54	-	110.17

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	14.20	15.97	12.56
Price/Book Ratio	1.38	1.56	1.14
Geom Avg Mkt Cap \$B	38.31	35.74	29.23
ROE	14.88	16.29	13.76

# Vanguard International Value Inv VTRIX

**Morningstar Category**  
Foreign Large Value

**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 09-30-2019

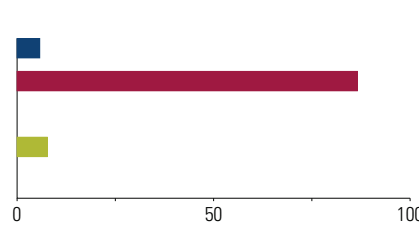
Morningstar Style Box™



## Style Breakdown

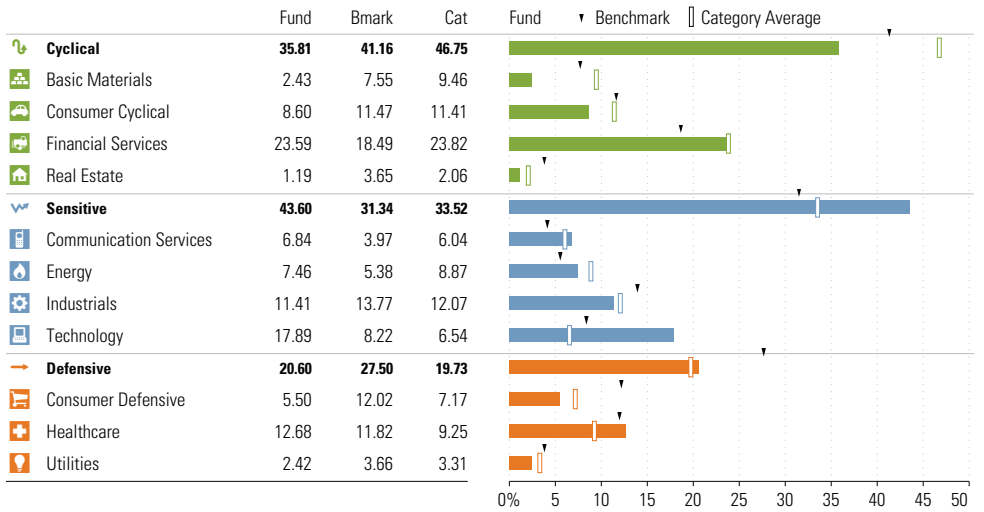


## Asset Allocation as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	5.75	3.39
Non-US Stocks	86.58	94.74
Bonds	0.00	-0.07
Cash	7.67	1.88
Other	0.00	0.06
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2019



## World Regions % Equity 09-30-2019



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	35.20	32.27	Americas	8.73	7.72	Greater Europe	56.06	60.03	Developed Markets	88.27
Japan	16.46	17.75	North America	7.20	6.97	United Kingdom	15.42	20.15	Emerging Markets	11.73
Australasia	0.86	3.48	Central/Latin	1.53	0.75	W euro-ex UK	38.72	38.72	Not Available	0.00
Asia-4 Tigers	9.61	7.05				Emrgng Europe	0.46	0.64		
Asia-ex 4 Tigers	8.27	3.99				Africa	1.46	0.52		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 09-30-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Market Liquidity Inv	7.56	7.56	—	—
⊕ Novartis AG	2.35	9.91	11.61	Healthcare
⊕ Royal Dutch Shell PLC Class A	2.20	12.10	3.81	Energy
⊕ Sanofi SA	2.17	14.27	17.56	Healthcare
Roche Holding AG Dividend Right Cert.	1.74	16.01	22.90	Healthcare
⊕ Samsung Electronics Co Ltd	1.64	17.65	—	Technology
⊕ DBS Group Holdings Ltd	1.50	19.15	15.05	Financial Services
⊕ SAP SE	1.41	20.55	25.06	Technology
⊕ Sumitomo Mitsui Financial Group Inc	1.36	21.91	8.84	Financial Services
AstraZeneca PLC	1.32	23.23	32.30	Healthcare

**Total Holdings 152**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard Real Estate Index Admiral VGSLX

**Morningstar Category**  
Real Estate

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

## Portfolio Manager(s)

Gerard O'Reilly since 05-1996

Walter Nejman since 05-2016

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 23.4 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 0.11 is 90.35% lower than the Real Estate category average.

## Morningstar Investment Management LLC Analysis

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

## 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	0.25	-	0.79
Beta	0.98	-	0.91
R-Squared	98.94	-	92.22
Standard Deviation	12.87	13.01	12.33
Sharpe Ratio	0.47	0.46	0.50
Tracking Error	1.34	-	3.34
Information Ratio	0.11	-	-0.03
Up Capture Ratio	98.74	-	90.64
Down Capture Ratio	97.09	-	85.00

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	31.16	38.46	29.22
Price/Book Ratio	2.75	2.42	2.79
Geom Avg Mkt Cap \$B	16.21	9.35	18.68
ROE	12.99	9.56	13.54

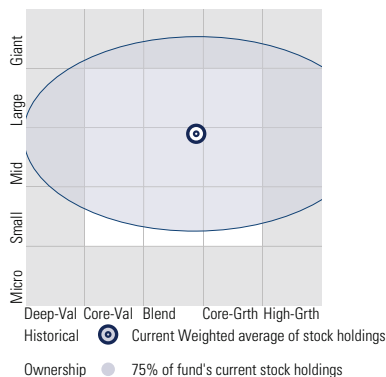
# Vanguard Real Estate Index Admiral VGSLX

**Morningstar Category**  
Real Estate

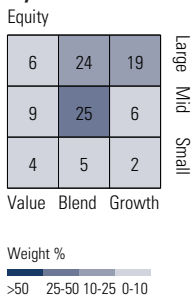
**Morningstar Index**  
S&P United States REIT TR USD

## Style Analysis as of 09-30-2019

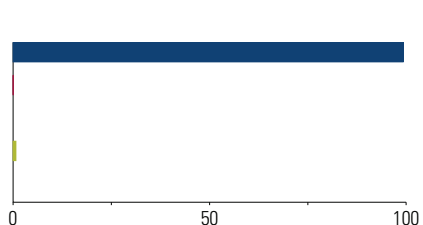
Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	99.24	86.42
Non-US Stocks	0.04	0.58
Bonds	0.00	3.04
Cash	0.71	1.64
Other	0.00	8.34
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2019

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>99.97</b>	<b>99.13</b>	<b>99.19</b>	[Bar chart showing Cyclical sector weighting]		
Basic Materials	0.29	0.00	0.13	[Bar chart showing Basic Materials weighting]		
Consumer Cyclical	0.00	0.13	0.68	[Bar chart showing Consumer Cyclical weighting]		
Financial Services	0.01	0.00	0.09	[Bar chart showing Financial Services weighting]		
Real Estate	99.67	99.00	98.29	[Bar chart showing Real Estate weighting]		
<b>Sensitive</b>	<b>0.03</b>	<b>0.87</b>	<b>0.72</b>	[Bar chart showing Sensitive sector weighting]		
Communication Services	0.00	0.00	0.00	[Bar chart showing Communication Services weighting]		
Energy	0.00	0.00	0.02	[Bar chart showing Energy weighting]		
Industrials	0.03	0.87	0.06	[Bar chart showing Industrials weighting]		
Technology	0.00	0.00	0.64	[Bar chart showing Technology weighting]		
<b>Defensive</b>	<b>0.00</b>	<b>0.00</b>	<b>0.10</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	0.05	[Bar chart showing Healthcare weighting]		
Utilities	0.00	0.00	0.05	[Bar chart showing Utilities weighting]		

## Top 15 Holdings as of 09-30-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Real Estate II Index	11.09	11.09	-	-
⊕ American Tower Corp	6.83	17.92	41.54	Real Estate
⊕ Crown Castle International Corp	4.04	21.96	31.07	Real Estate
⊕ Prologis Inc	3.76	25.72	47.84	Real Estate
⊕ Equinix Inc	3.39	29.11	65.70	Real Estate
⊕ Simon Property Group Inc	3.36	32.47	-3.65	Real Estate
⊕ Public Storage	2.69	35.16	24.14	Real Estate
⊕ Welltower Inc	2.57	37.73	34.36	Real Estate
⊕ Equity Residential	2.23	39.96	33.26	Real Estate
⊕ AvalonBay Communities Inc	2.10	42.06	26.34	Real Estate
⊕ SBA Communications Corp	1.91	43.97	49.19	Real Estate
⊕ Digital Realty Trust Inc	1.85	45.81	24.87	Real Estate
⊕ Ventas Inc	1.83	47.64	28.70	Real Estate
⊕ Realty Income Corp	1.70	49.34	24.87	Real Estate
⊕ Essex Property Trust Inc	1.50	50.84	35.60	Real Estate

**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)

James Barrow since 03-1999  
 Mark Giambone since 12-2002  
 Richard Greenberg since 02-2005  
 Richard Pzena since 03-2014  
 John Flynn since 12-2015  
 Benjamin Silver since 02-2017  
 Jon Hartsel since 11-2019

## Quantitative Screens

**Performance:** The fund has finished in the Mid-Cap Value 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 20.53 years.

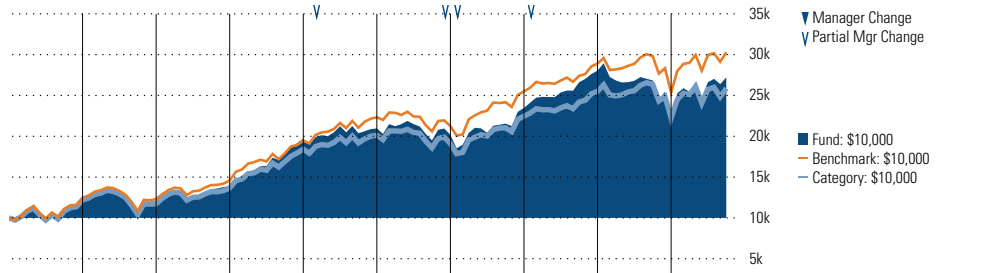
**Style:** The fund has landed in its primary style box — Mid-Cap Value — 100 % of the time over the past three years.

**Net Expense:** The fund's expense ratio of 0.36 is 65.71% lower than the Mid-Cap Value category average.

## Morningstar Investment Management LLC Analysis

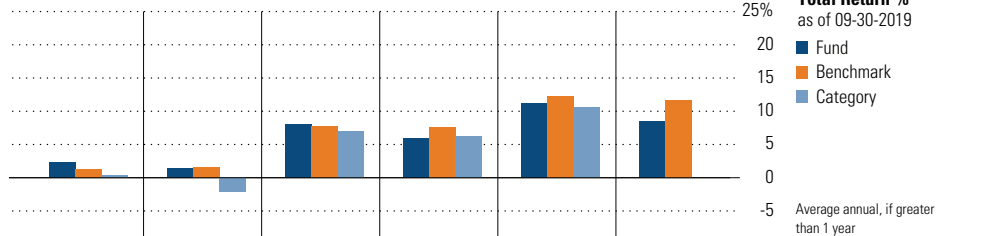
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Growth of \$10,000



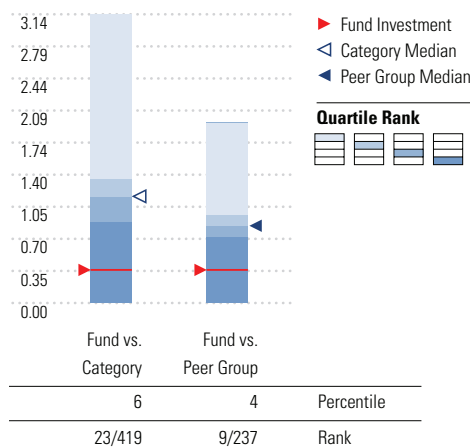
2010	2011	2012	2013	2014	2015	2016	2017	2018	YTD	History
19.44	0.82	15.25	42.04	6.36	-3.80	16.34	19.51	-19.73	20.91	Total Return %
-5.31	2.20	-3.26	8.58	-8.39	0.98	-3.66	6.17	-7.44	1.44	+/- Benchmark
-2.48	4.78	-1.35	6.90	-2.95	1.61	-1.72	6.29	-6.87	4.65	+/- Category
78	16	68	8	81	37	62	7	94	17	Tot Ret % Rank in Cat
227	247	273	287	304	337	357	374	408	418	# of Funds in Cat
22	25	18	27	18	24	27	22	31	-	Turnover %
-	-	0.38	0.43	0.41	0.39	0.35	0.39	0.36	-	Expense Ratio

## Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	
2.26	1.40	8.08	5.97	11.22	8.57	Fund Return %
1.22	1.60	7.82	7.55	12.29	11.59	Benchmark Return %
0.41	-2.14	7.04	6.26	10.65	-	Category Average %
19	27	42	62	33	-	% Rank in Category
423	418	366	324	226	-	# 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	-0.38	-	-1.01
Beta	1.11	-	1.07
R-Squared	93.78	-	94.09
Standard Deviation	15.28	13.39	14.85
Sharpe Ratio	0.48	0.51	0.44
Tracking Error	4.06	-	3.91
Information Ratio	0.06	-	-0.12
Up Capture Ratio	99.56	-	102.14
Down Capture Ratio	97.54	-	107.54

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	16.03	17.21	16.39
Price/Book Ratio	1.52	1.87	1.78
Geom Avg Mkt Cap \$B	8.77	12.50	10.74
ROE	9.91	11.14	12.18

# Vanguard Selected Value Inv VASVX

Morningstar Category

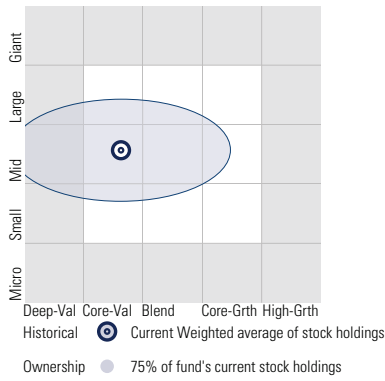
Mid-Cap Value

Morningstar Index

Russell Mid Cap Value TR USD

## Style Analysis as of 09-30-2019

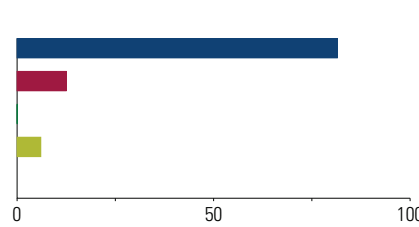
Morningstar Style Box™



## Style Breakdown

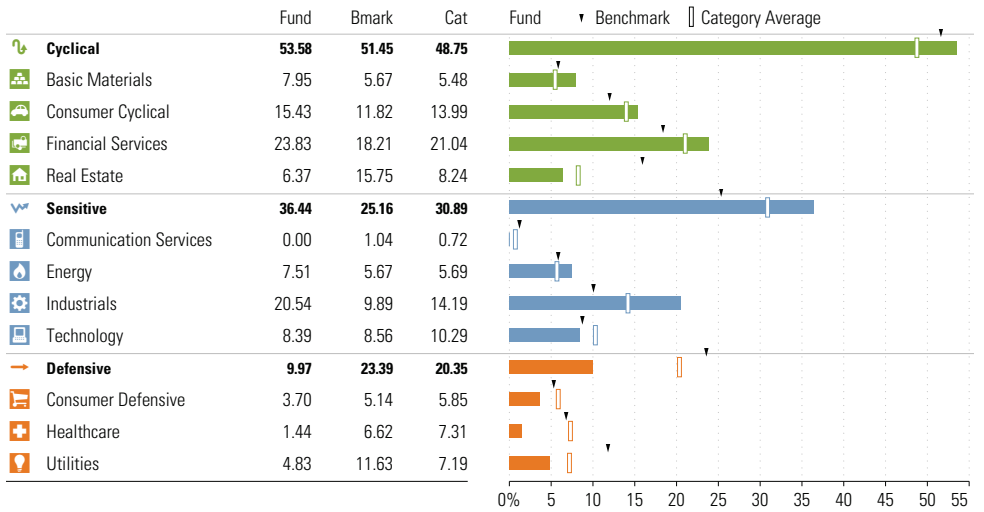


## Asset Allocation as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	81.47	92.63
Non-US Stocks	12.47	4.52
Bonds	0.04	0.04
Cash	6.02	2.64
Other	0.00	0.17
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2019



## Top 15 Holdings as of 09-30-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Cmt Market Liquidity Rate	5.98	5.98	-	-
⊕ Axis Capital Holdings Ltd	2.44	8.41	30.75	Financial Services
AerCap Holdings NV	2.33	10.74	38.26	Industrials
⊖ Willis Towers Watson PLC	1.84	12.58	28.36	Financial Services
⊖ Stanley Black & Decker Inc	1.84	14.42	22.28	Industrials
Air France-KLM ADR	1.79	16.21	-3.07	Industrials
⊖ Micron Technology Inc	1.72	17.93	35.05	Technology
⊖ Xcel Energy Inc	1.70	19.63	34.17	Utilities
⊖ Dollar General Corp	1.70	21.32	47.92	Consumer Defensive
Unum Group	1.64	22.97	3.90	Financial Services
⊕ HCP Inc	1.60	24.56	31.54	Real Estate
⊖ Liberty Property Trust	1.56	26.12	25.50	Real Estate
⊖ Royal Caribbean Cruises Ltd	1.52	27.64	13.01	Consumer Cyclical
⊖ MGM Growth Properties LLC A	1.51	29.16	19.09	Real Estate
⊕ Hess Corp	1.51	30.67	51.19	Energy

**Total Holdings 126**

⊕ Increase ⊖ Decrease ✨ New to Portfolio