

American Century Real Estate R6 AREDX

Morningstar Category
Real Estate

Morningstar Index
S&P United States REIT TR USD

Portfolio Manager(s)

Steven Brown since 11-2008
Steven Rodriguez since 12-2009

Quantitative Screens

✔ **Performance:** The fund has finished in the Real Estate 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.

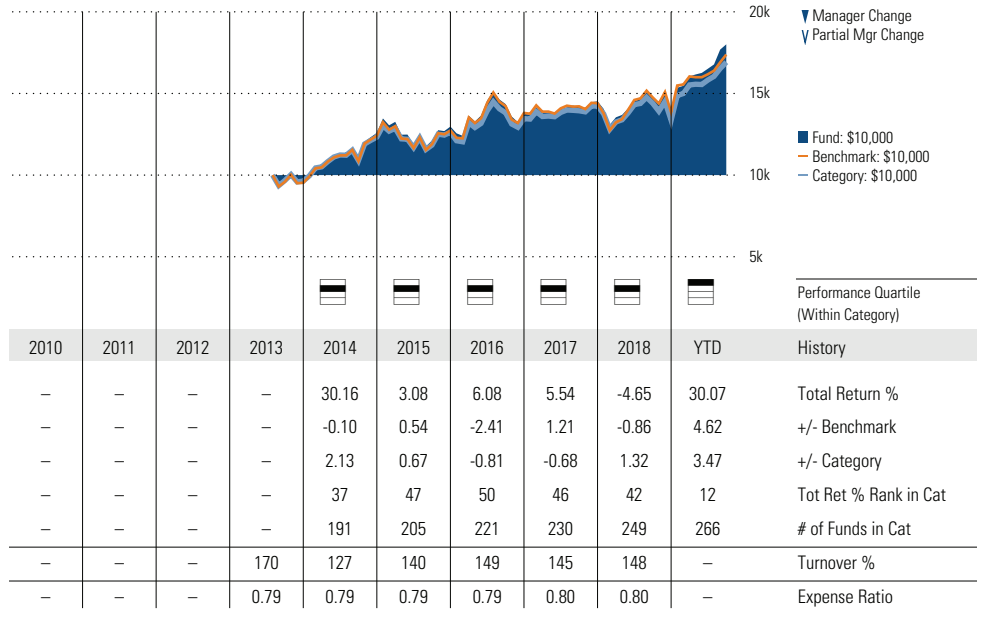
✘ **Style:** The fund has landed in its primary style box — Mid-Cap Blend — 54.55 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.8 is 29.82% lower than the Real Estate category average.

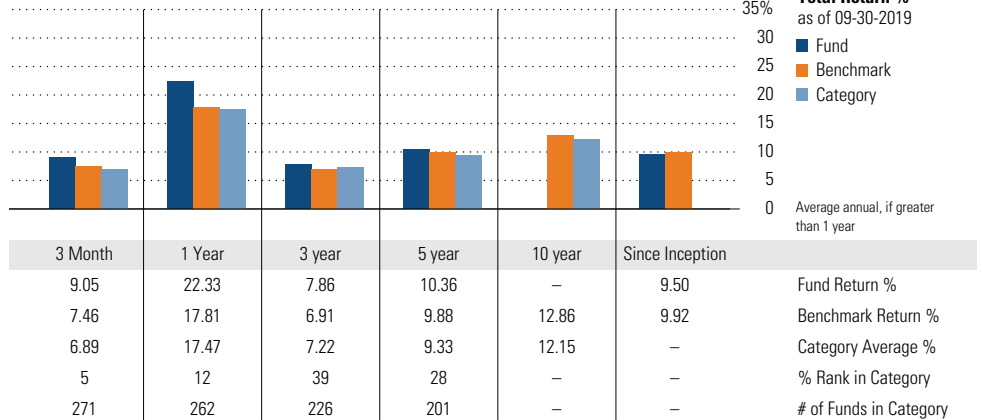
Morningstar Investment Management LLC Analysis

This fund fails the style screen but it remains focused on real estate securities so we do not regard the failure as significant.

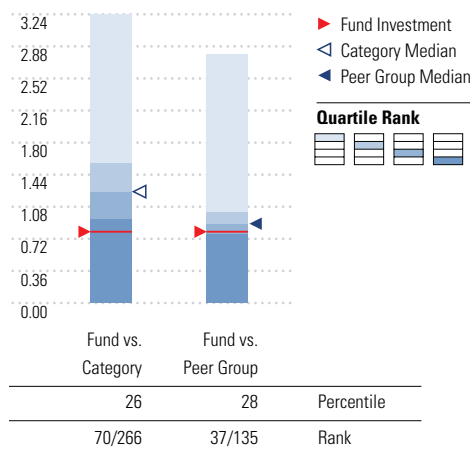
Growth of \$10,000



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	1.46	-	0.79
Beta	0.91	-	0.91
R-Squared	96.03	-	92.22
Standard Deviation	12.08	13.01	12.33
Sharpe Ratio	0.56	0.46	0.50
Tracking Error	2.68	-	3.34
Information Ratio	0.36	-	-0.03
Up Capture Ratio	93.39	-	90.64
Down Capture Ratio	83.61	-	85.00

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	37.05	38.46	29.22
Price/Book Ratio	2.71	2.42	2.79
Geom Avg Mkt Cap \$B	13.91	9.35	18.68
ROE	7.85	9.56	13.54

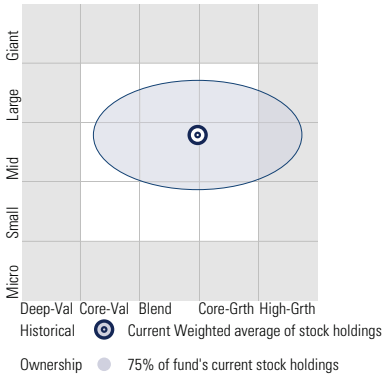
American Century Real Estate R6 AREDX

Morningstar Category
Real Estate

Morningstar Index
S&P United States REIT TR USD

Style Analysis as of 09-30-2019

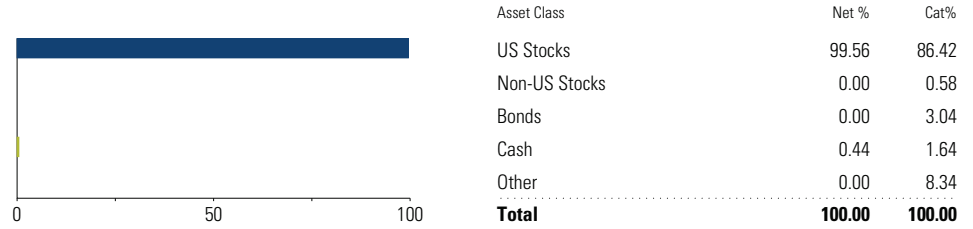
Morningstar Style Box™



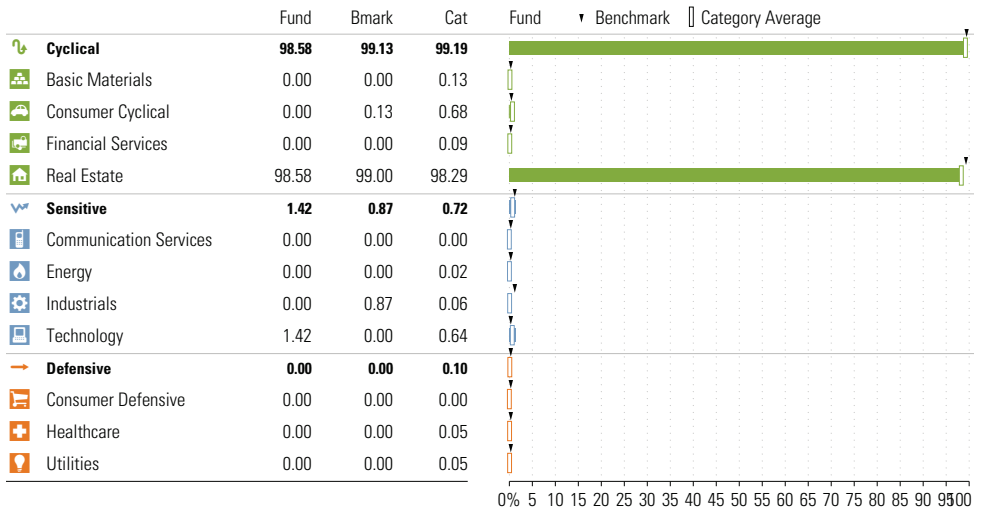
Style Breakdown



Asset Allocation as of 09-30-2019



Sector Weighting as of 09-30-2019



Top 15 Holdings as of 09-30-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Prologis Inc	7.41	7.41	47.84	Real Estate
⊖ Equinix Inc	6.45	13.86	65.70	Real Estate
⊖ Equity Residential	6.20	20.06	33.26	Real Estate
⊖ Welltower Inc	5.40	25.45	34.36	Real Estate
⊖ HCP Inc	4.72	30.17	31.54	Real Estate
⊖ Sun Communities Inc	4.37	34.54	48.17	Real Estate
⊕ UDR Inc	4.33	38.87	24.91	Real Estate
⊖ Camden Property Trust	4.06	42.93	28.80	Real Estate
⊖ Extra Space Storage Inc	4.06	46.99	32.05	Real Estate
⊖ Alexandria Real Estate Equities Inc	3.92	50.91	36.25	Real Estate
⊖ Invitation Homes Inc	3.61	54.52	49.40	Real Estate
⊖ Americold Realty Trust	3.52	58.04	47.49	Real Estate
⊖ Rexford Industrial Realty Inc	3.47	61.51	51.26	Real Estate
⊕ Realty Income Corp	3.44	64.95	24.87	Real Estate
⊖ Agree Realty Corp	2.56	67.52	26.60	Real Estate

Total Holdings 39

⊕ Increase ⊖ Decrease ✨ New to Portfolio

American Funds 2010 Trgt Date Retire R6 RFTTX

Morningstar Category
Target-Date 2000-2010

Morningstar Index
Morningstar Lifetime Mod 2010 TR USD

Portfolio Manager(s)

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

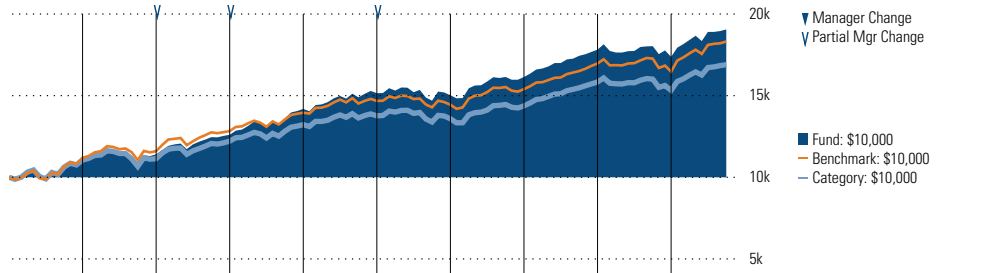
✔ **Performance:** The fund has finished in the Target-Date 2000-2010 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **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.

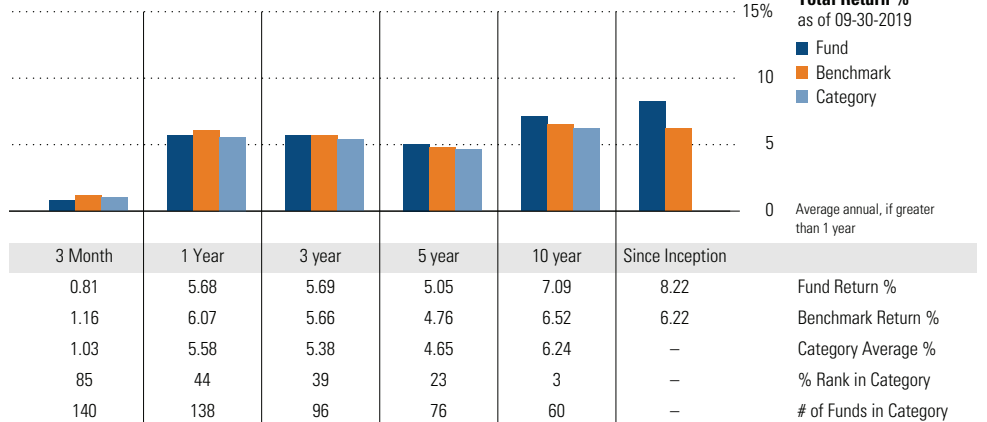
✔ **Net Expense:** The fund's expense ratio of 0.33 is 48.44% lower than the Target-Date 2000-2010 category average.

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

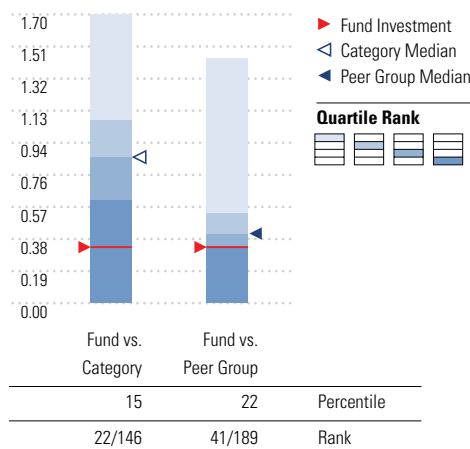
Trailing Performance



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.

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	0.49	-	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

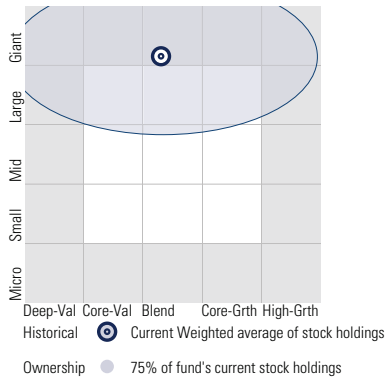
	Fund	Bmark	Cat
Price/Earnings Ratio	18.01	17.79	18.00
Price/Book Ratio	2.62	2.16	2.29
Avg Eff Duration	4.14	-	6.45

American Funds 2010 Trgt Date Retire R6 RFTTX

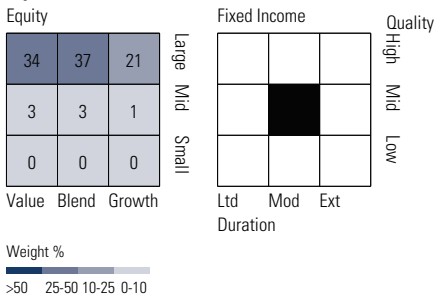
Morningstar Category
Target-Date 2000-2010

Morningstar Index
Morningstar Lifetime Mod 2010 TR USD

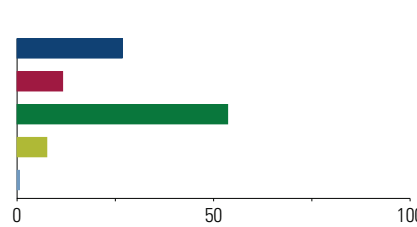
Style Analysis as of 09-30-2019
Morningstar Style Box™



Style Breakdown

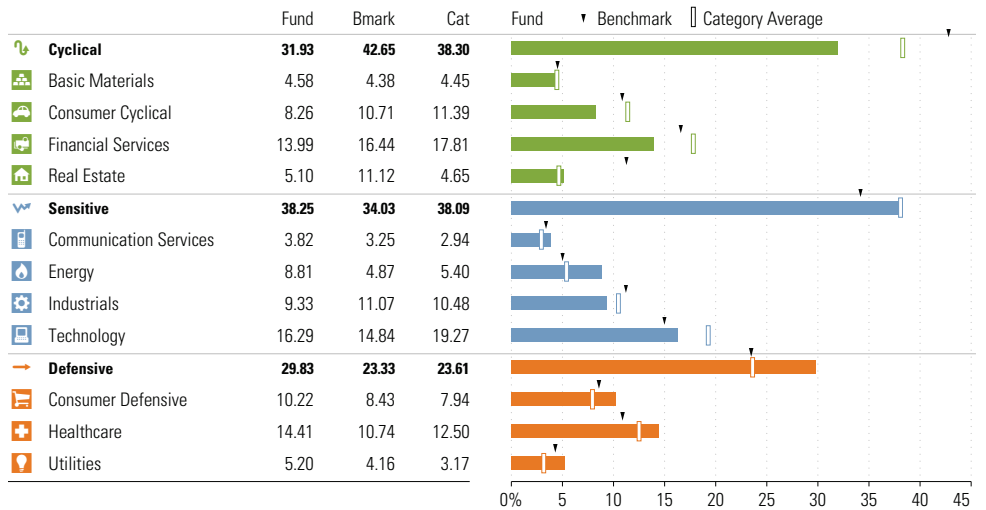


Asset Allocation as of 09-30-2019



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
Total	100.00	100.00

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	—	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

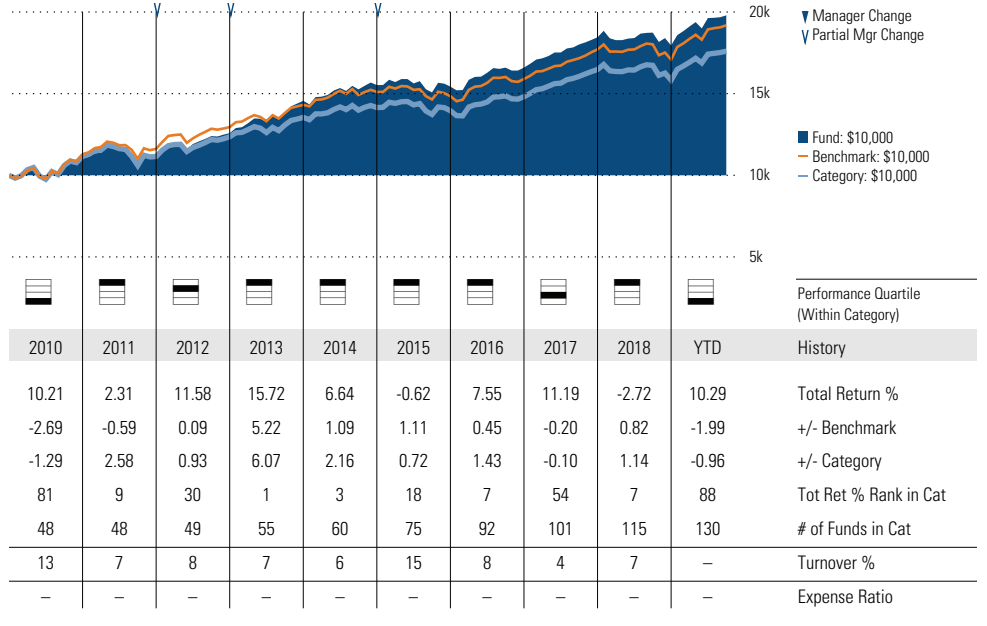
Performance: The fund has finished in the Target-Date 2015 category's top three quartiles in 8 of the 10 years it's been in existence.

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.

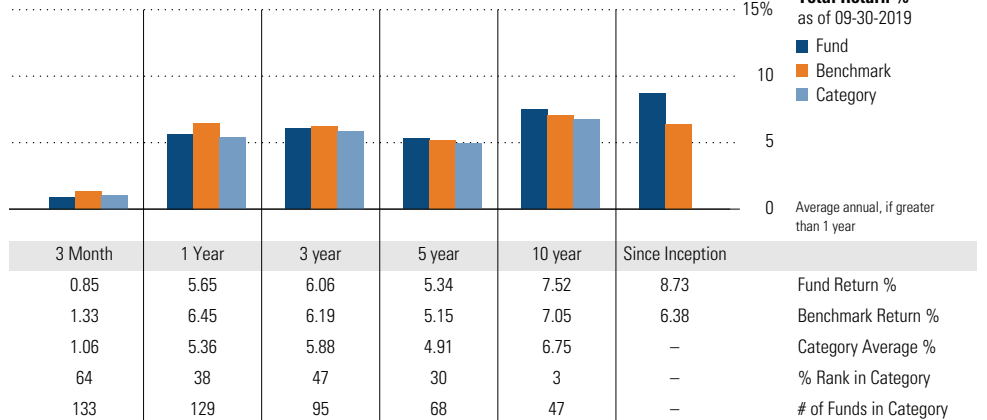
Growth of \$10,000



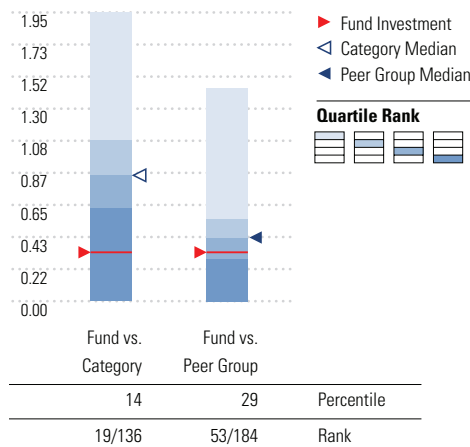
Morningstar Investment Management LLC Analysis

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	0.41	-	-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

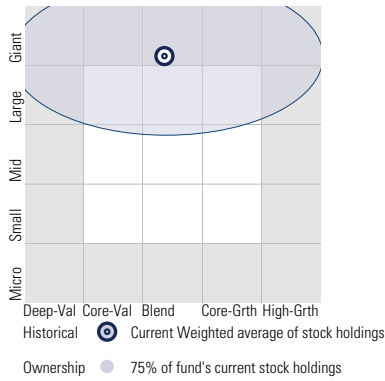
	Fund	Bmark	Cat
Price/Earnings Ratio	18.08	17.69	18.05
Price/Book Ratio	2.62	2.14	2.28
Avg Eff Duration	4.48	-	4.51

American Funds 2015 Trgt Date Retire R6 RFJTX

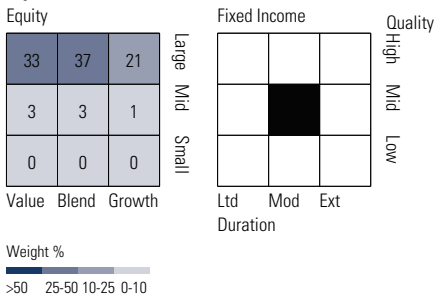
Morningstar Category
Target-Date 2015

Morningstar Index
Morningstar Lifetime Mod 2015 TR USD

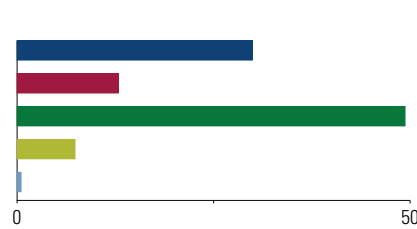
Style Analysis as of 09-30-2019
Morningstar Style Box™



Style Breakdown

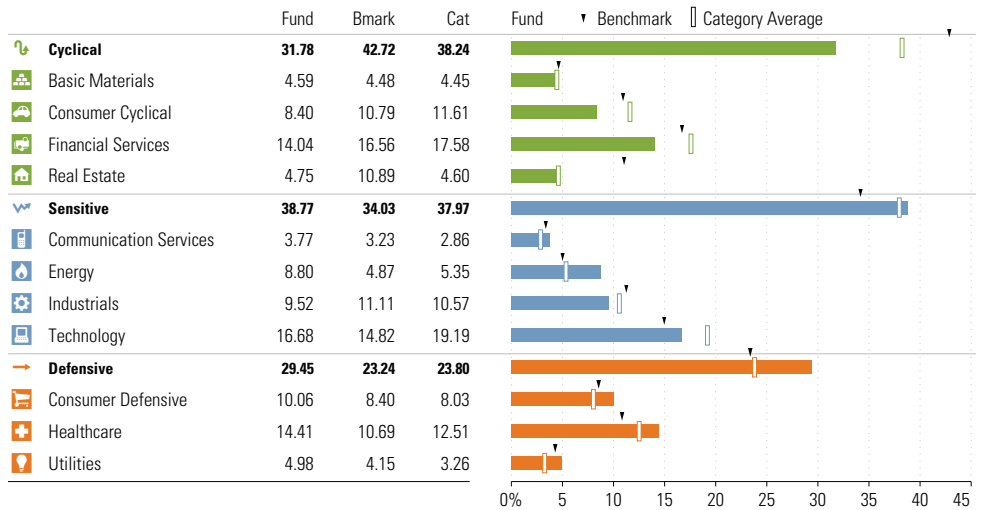


Asset Allocation as of 09-30-2019



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
Total	100.00	100.00

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

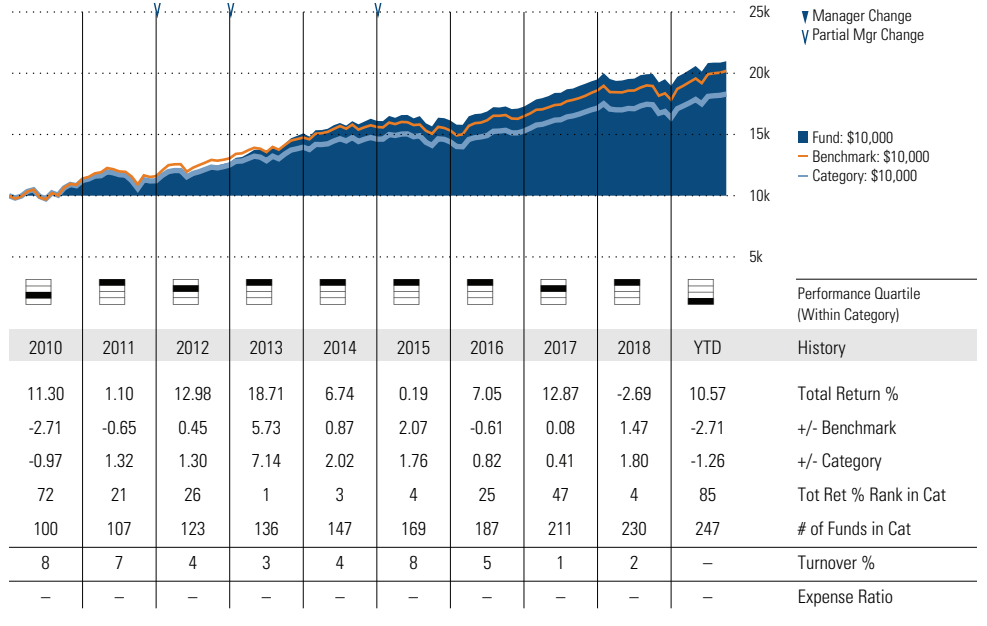
✔ **Performance:** The fund has finished in the Target-Date 2020 category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **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.

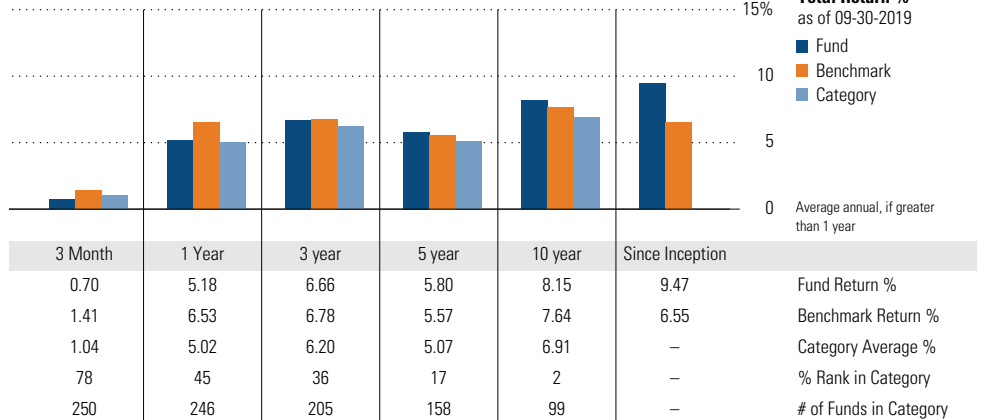
Growth of \$10,000



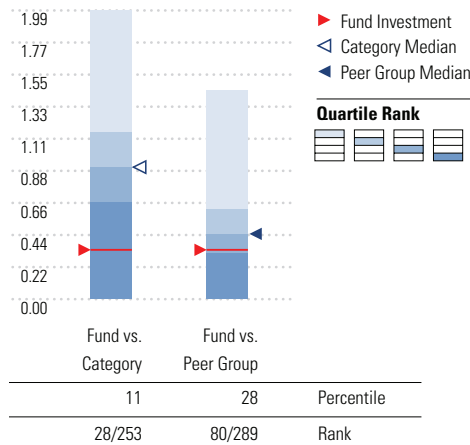
Morningstar Investment Management LLC Analysis

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



3-Year Risk Metrics

Metric	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

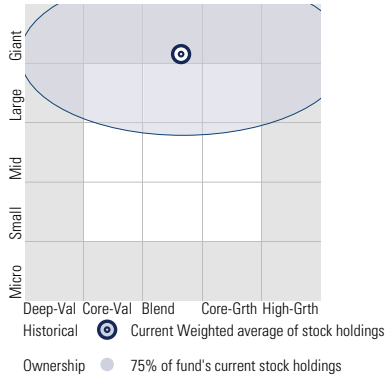
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.59	17.58	18.38
Price/Book Ratio	2.70	2.12	2.35
Avg Eff Duration	4.49	-	6.22

American Funds 2020 Trgt Date Retire R6 RRCTX

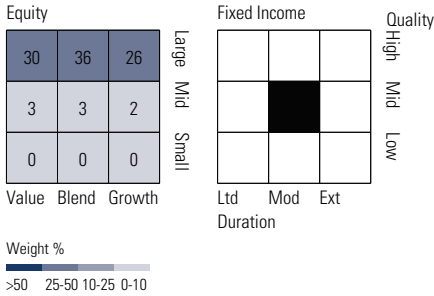
Morningstar Category
Target-Date 2020

Morningstar Index
Morningstar Lifetime Mod 2020 TR USD

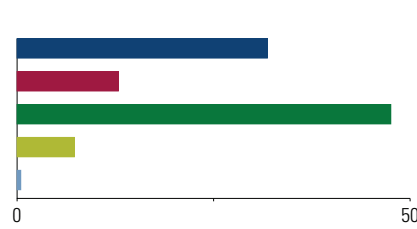
Style Analysis as of 09-30-2019
Morningstar Style Box™



Style Breakdown

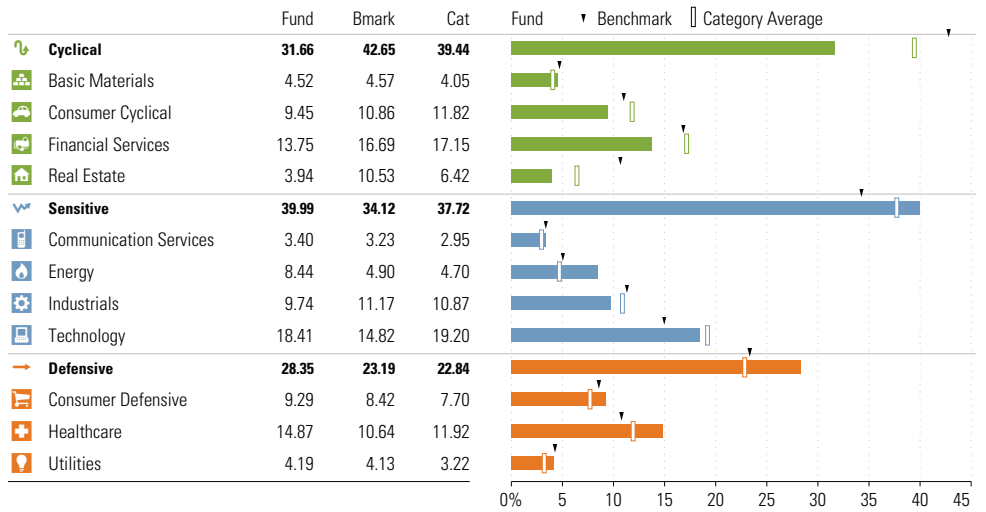


Asset Allocation as of 09-30-2019



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
Total	100.00	100.00

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

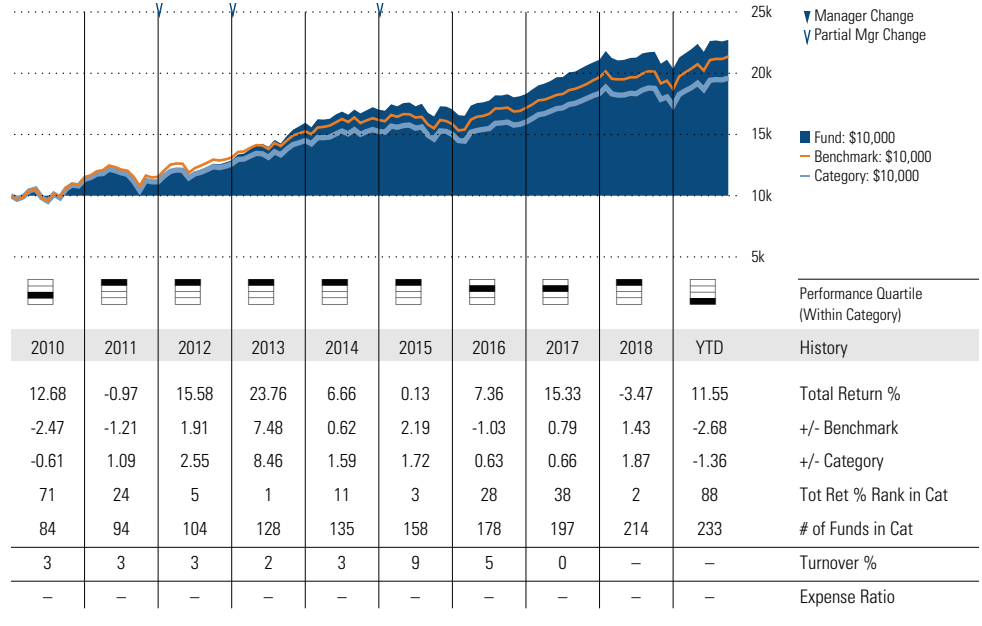
✔ **Performance:** The fund has finished in the Target-Date 2025 category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **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.

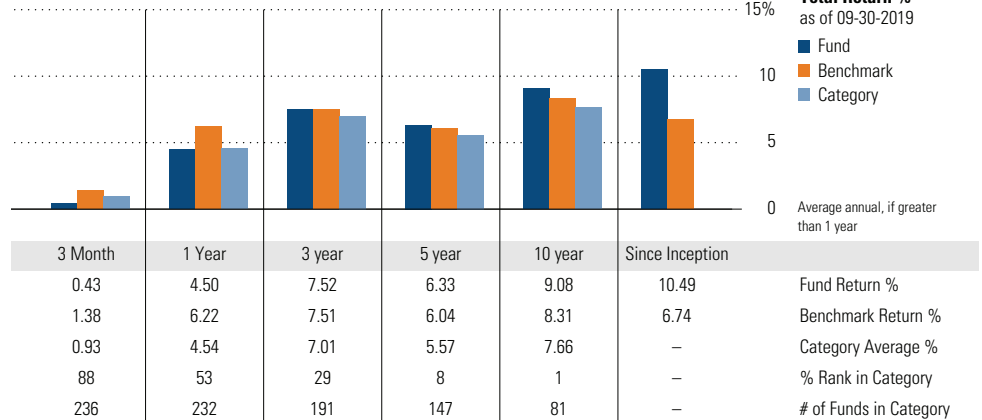
Growth of \$10,000



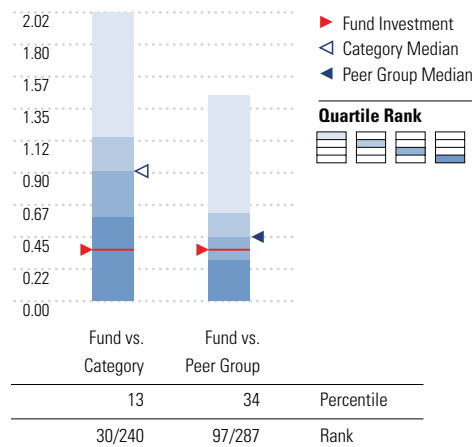
Morningstar Investment Management LLC Analysis

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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	0.40	-	-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

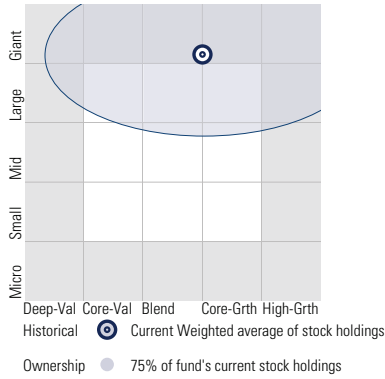
	Fund	Bmark	Cat
Price/Earnings Ratio	18.95	17.46	18.20
Price/Book Ratio	2.71	2.09	2.30
Avg Eff Duration	4.71	-	6.28

American Funds 2025 Trgt Date Retire R6 RFDTX

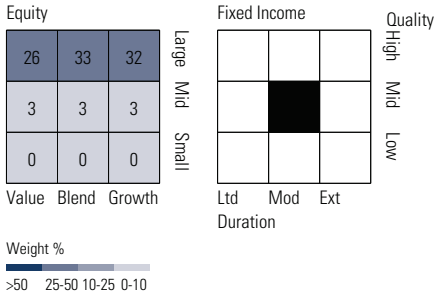
Morningstar Category
Target-Date 2025

Morningstar Index
Morningstar Lifetime Mod 2025 TR USD

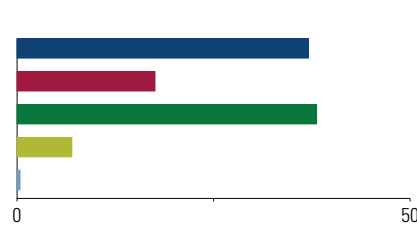
Style Analysis as of 09-30-2019
Morningstar Style Box™



Style Breakdown

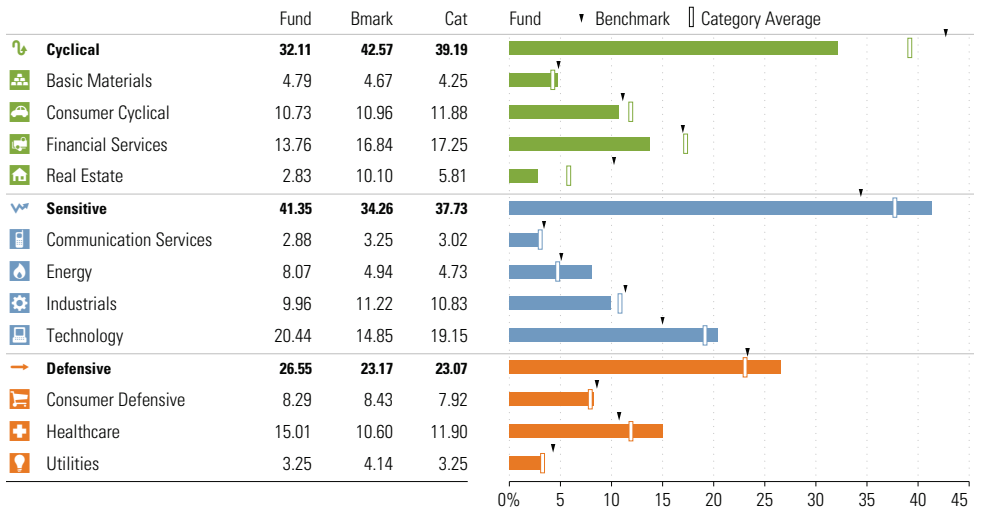


Asset Allocation as of 09-30-2019



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
Total	100.00	100.00

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.

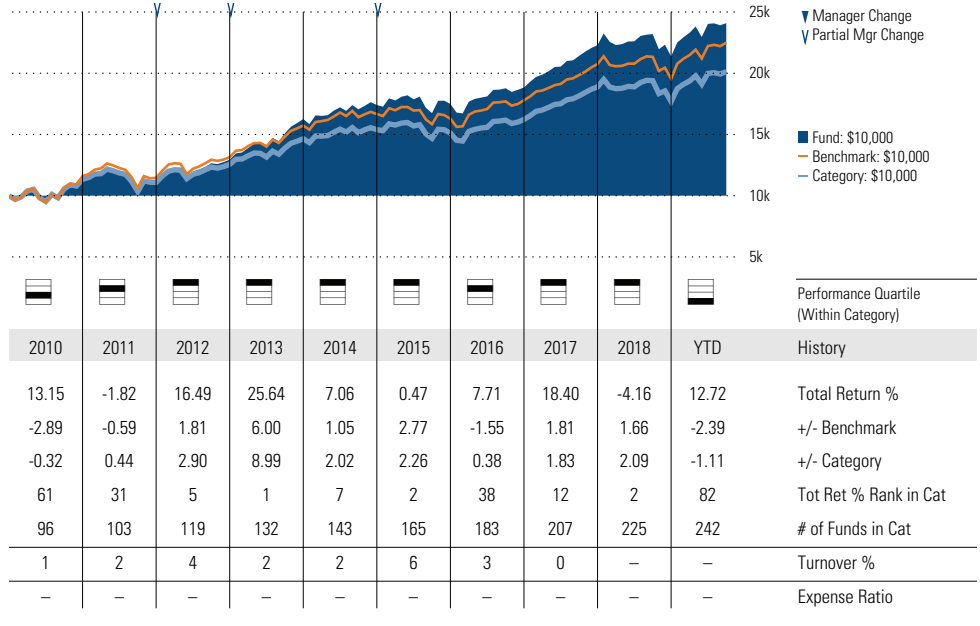
Style: The fund has landed in its primary style box — Large Blend — 81.82 % of the time over the past three years.

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

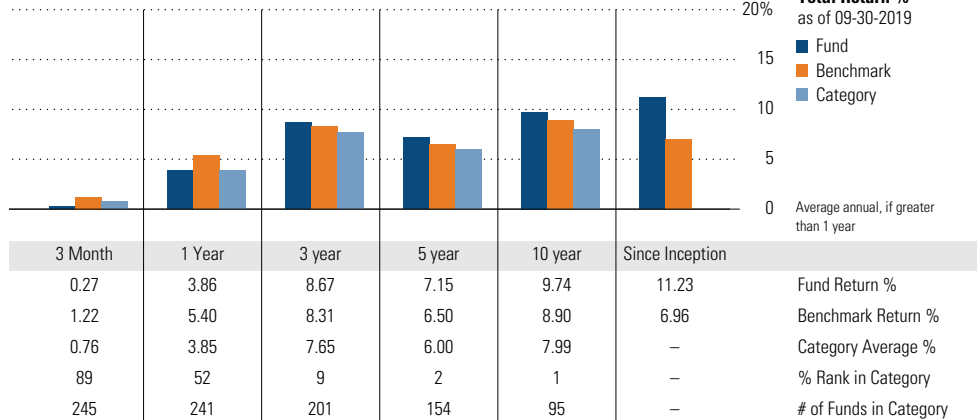
Morningstar Investment Management LLC Analysis

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.

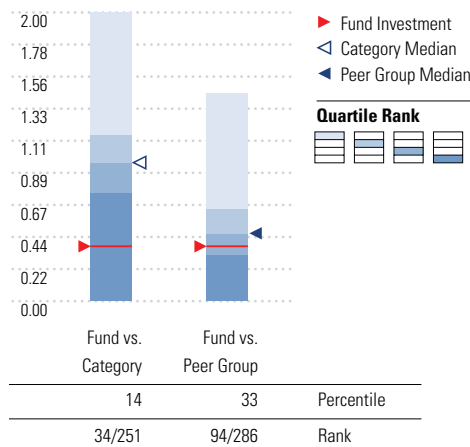
Growth of \$10,000



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	0.57	-	-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

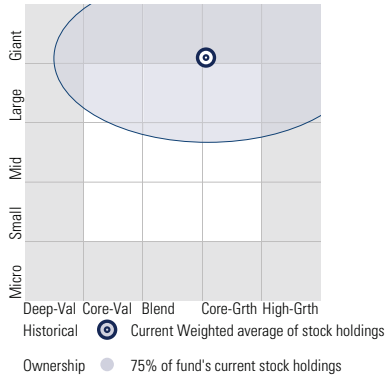
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.02	17.33	18.10
Price/Book Ratio	2.73	2.07	2.27
Avg Eff Duration	4.82	-	6.38

American Funds 2030 Trgt Date Retire R6 RFETX

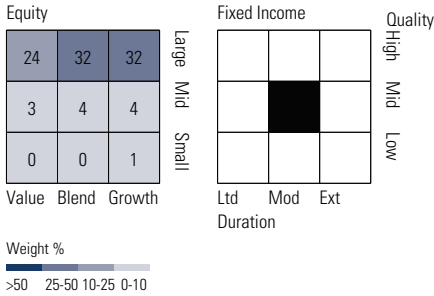
Morningstar Category
Target-Date 2030

Morningstar Index
Morningstar Lifetime Mod 2030 TR USD

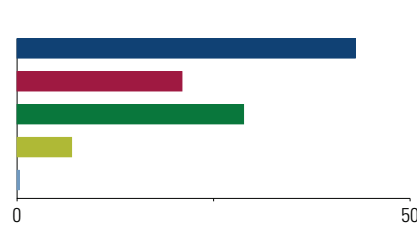
Style Analysis as of 09-30-2019
Morningstar Style Box™



Style Breakdown

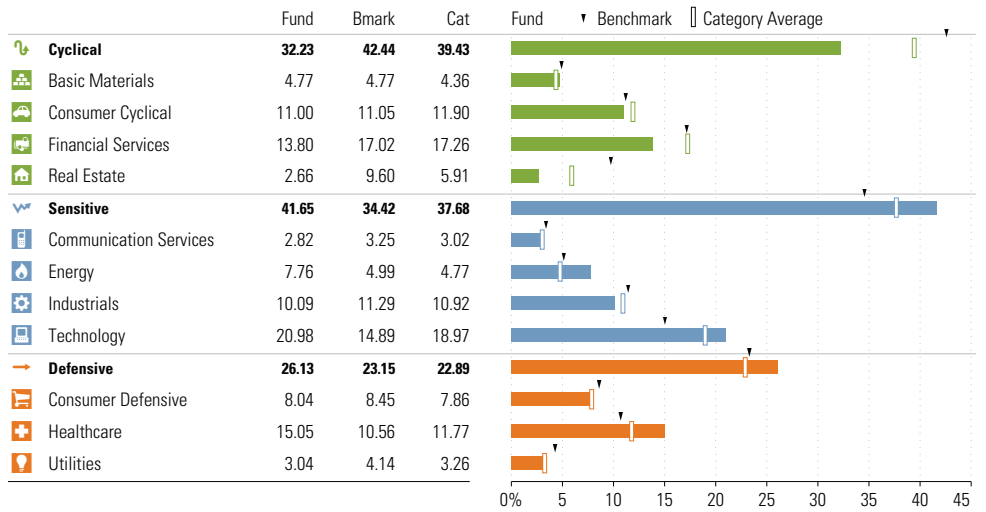


Asset Allocation as of 09-30-2019



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
Total	100.00	100.00

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.

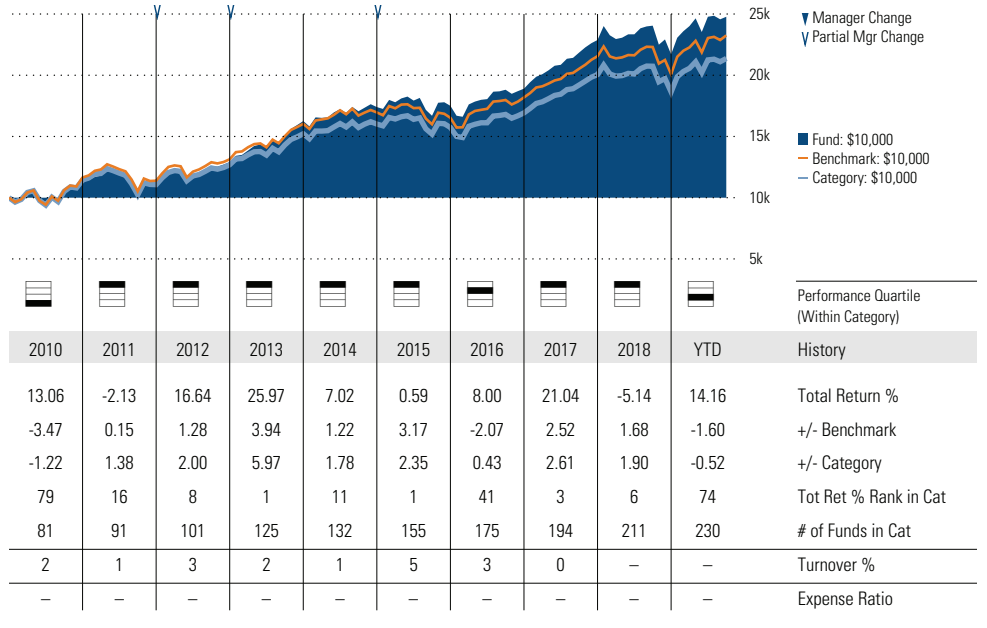
Style: The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

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.

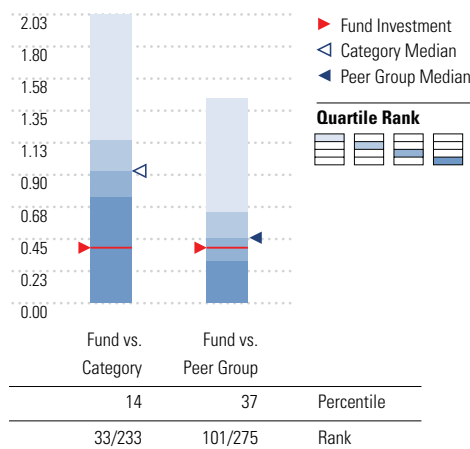
Growth of \$10,000



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

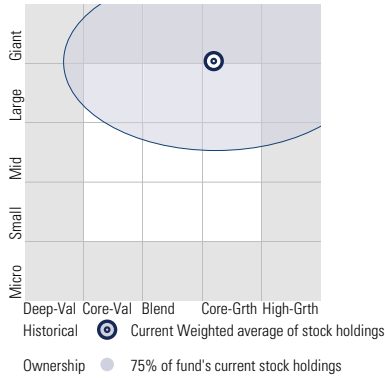
	Fund	Bmark	Cat
Price/Earnings Ratio	19.32	17.21	17.27
Price/Book Ratio	2.79	2.05	2.16
Avg Eff Duration	5.14	-	5.34

American Funds 2035 Trgt Date Retire R6 RFFTX

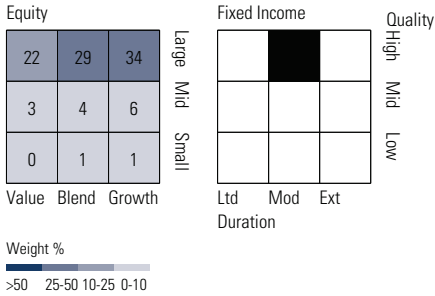
Morningstar Category
Target-Date 2035

Morningstar Index
Morningstar Lifetime Mod 2035 TR USD

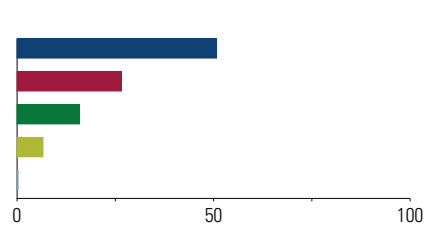
Style Analysis as of 09-30-2019
Morningstar Style Box™



Style Breakdown

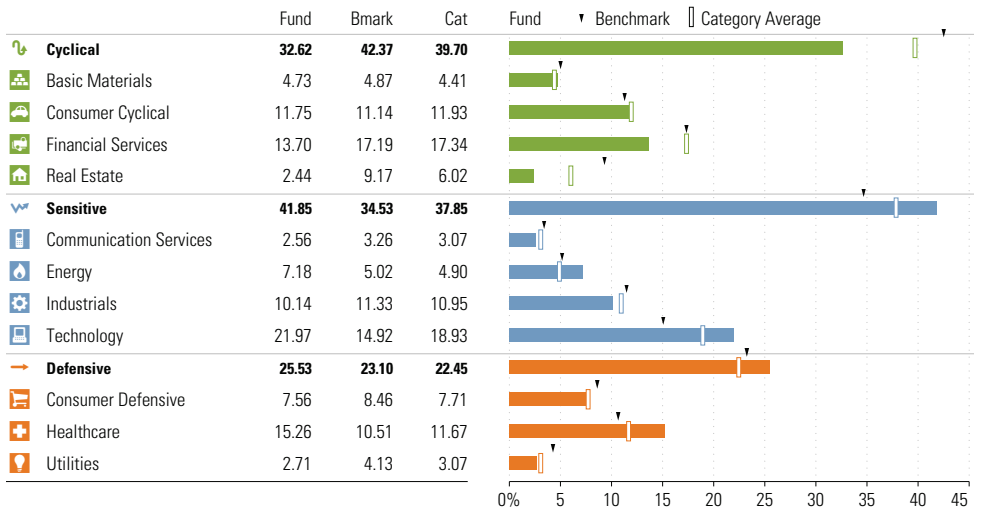


Asset Allocation as of 09-30-2019



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
Total	100.00	100.00

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.

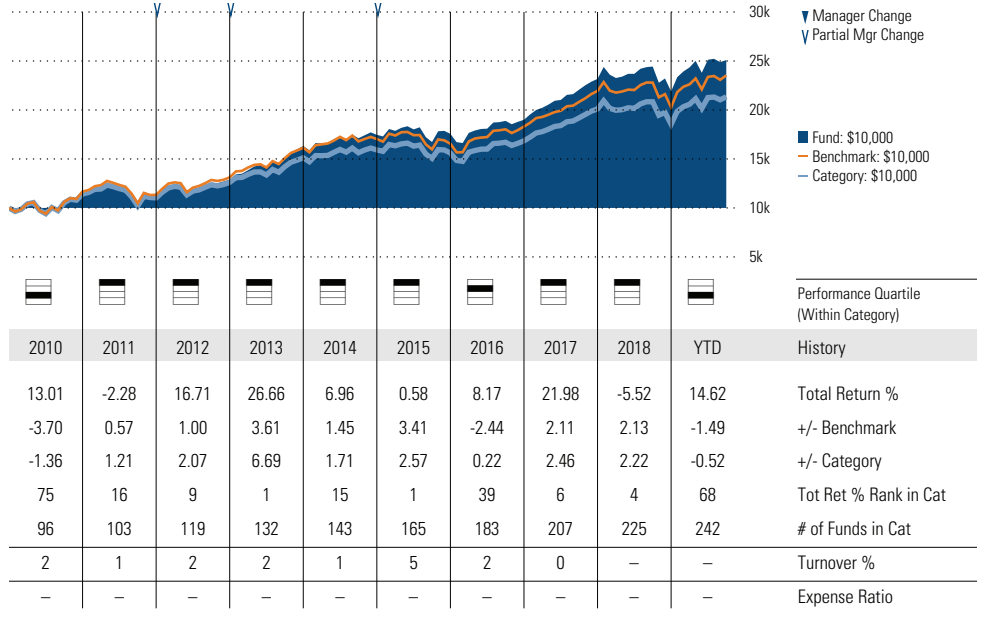
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

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

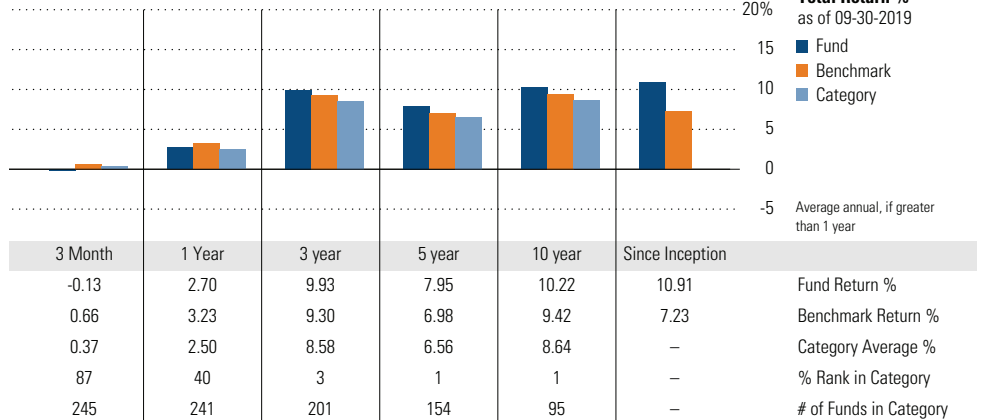
Morningstar Investment Management LLC Analysis

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.

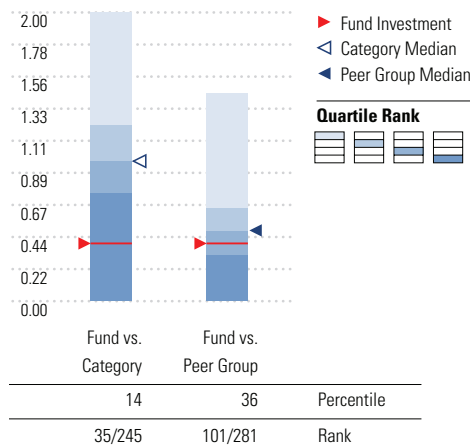
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.94	-	-0.43
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

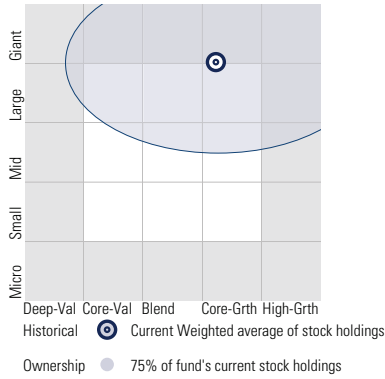
	Fund	Bmark	Cat
Price/Earnings Ratio	19.41	17.11	18.01
Price/Book Ratio	2.81	2.03	2.25
Avg Eff Duration	5.20	-	6.43

American Funds 2040 Trgt Date Retire R6 RFGTX

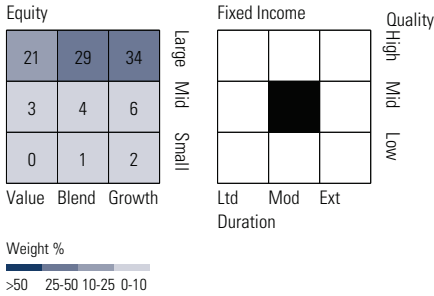
Morningstar Category
Target-Date 2040

Morningstar Index
Morningstar Lifetime Mod 2040 TR USD

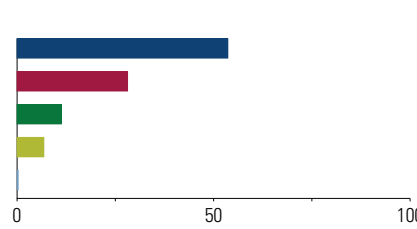
Style Analysis as of 09-30-2019
Morningstar Style Box™



Style Breakdown

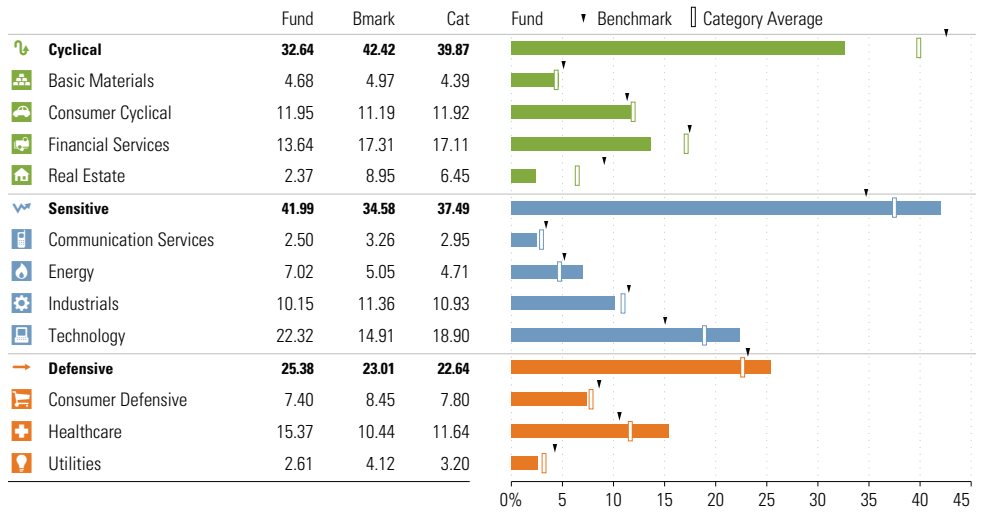


Asset Allocation as of 09-30-2019



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
Total	100.00	100.00

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.

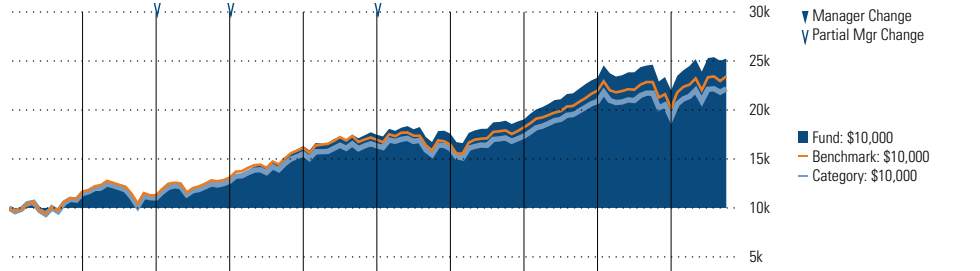
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **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

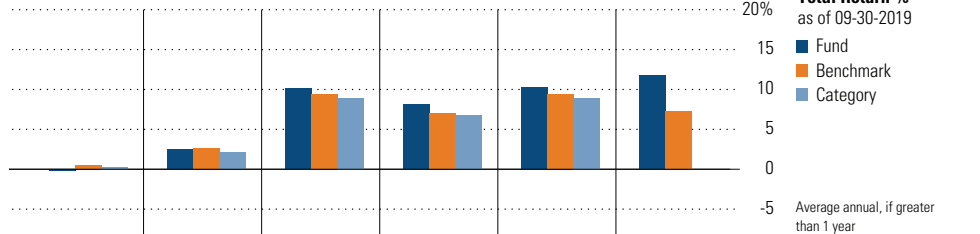
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

Growth of \$10,000



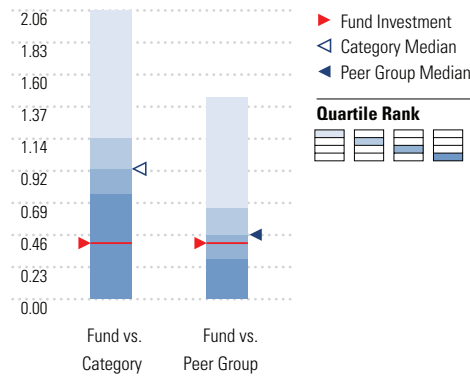
2010	2011	2012	2013	2014	2015	2016	2017	2018	YTD	History
12.98	-2.29	16.80	26.51	7.09	0.64	8.27	22.44	-5.58	14.75	Total Return %
-3.78	0.90	0.96	3.44	1.84	3.67	-2.57	1.91	2.59	-1.43	+/- Benchmark
-1.62	1.81	1.49	4.51	1.74	2.51	0.34	1.93	2.56	-0.90	+/- Category
84	11	12	2	13	1	45	8	3	74	Tot Ret % Rank 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

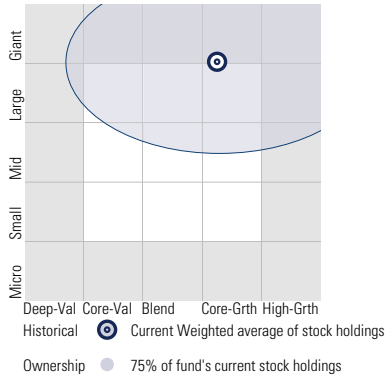
American Funds 2045 Trgt Date Retire R6 RFHTX

Morningstar Category
Target-Date 2045

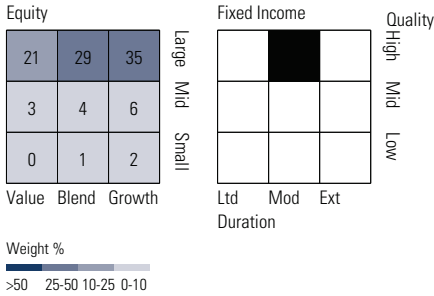
Morningstar Index
Morningstar Lifetime Mod 2045 TR USD

Style Analysis as of 09-30-2019

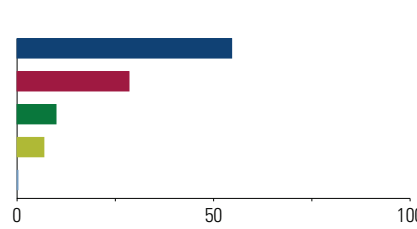
Morningstar Style Box™



Style Breakdown

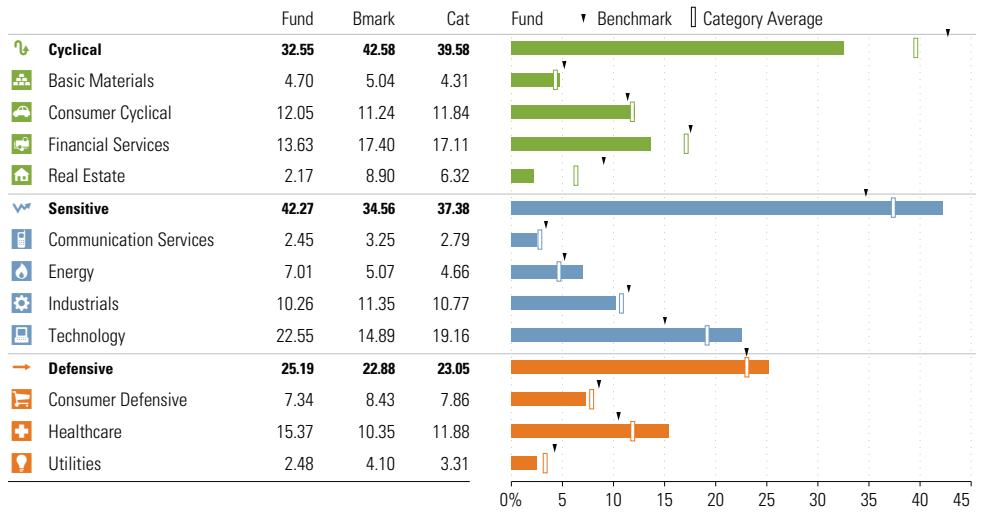


Asset Allocation as of 09-30-2019



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
Total	100.00	100.00

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.

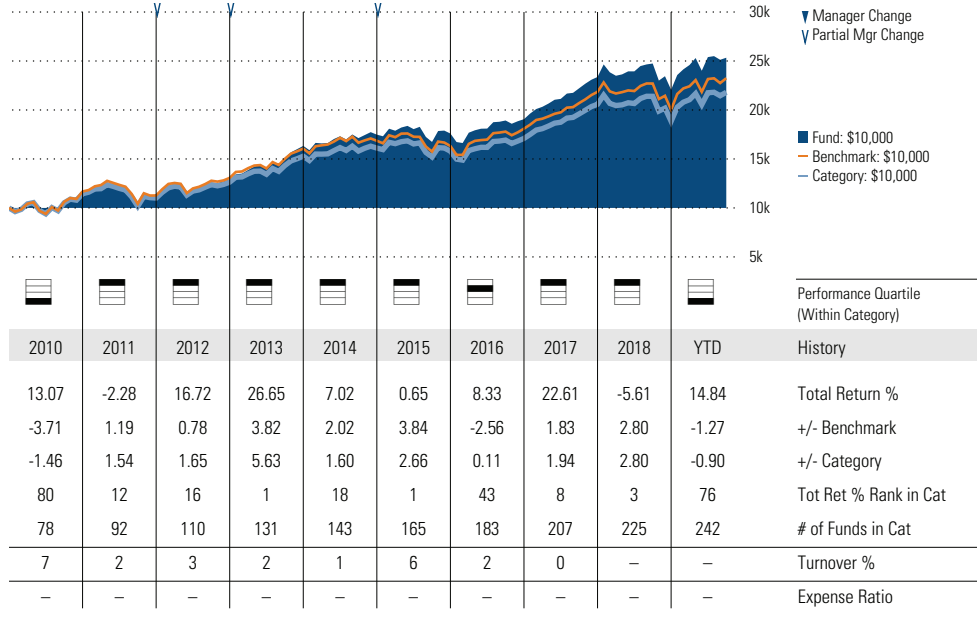
Style: The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

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

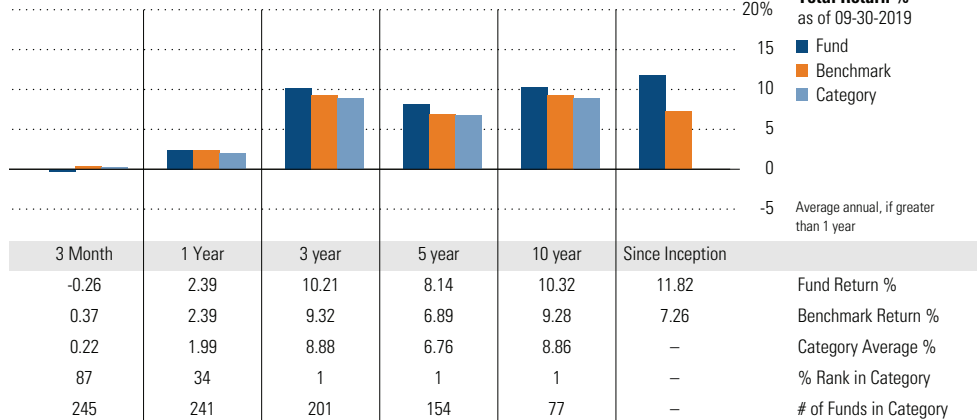
Morningstar Investment Management LLC Analysis

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.

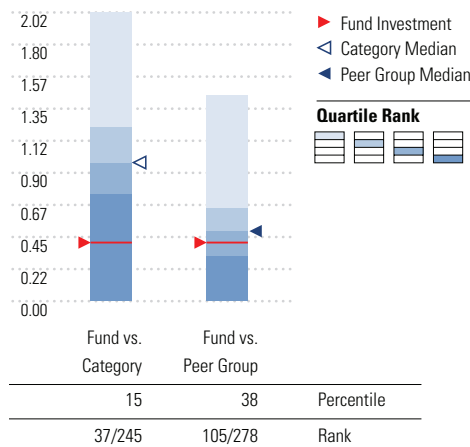
Growth of \$10,000



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

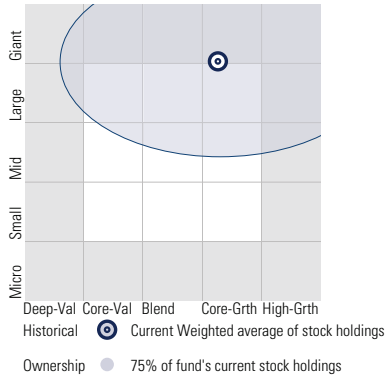
	Fund	Bmark	Cat
Price/Earnings Ratio	19.49	16.95	18.24
Price/Book Ratio	2.82	1.99	2.27
Avg Eff Duration	5.25	-	6.60

American Funds 2050 Trgt Date Retire R6 RFITX

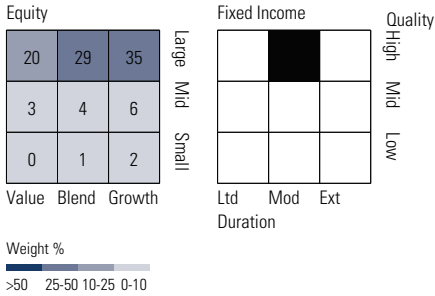
Morningstar Category
Target-Date 2050

Morningstar Index
Morningstar Lifetime Mod 2050 TR USD

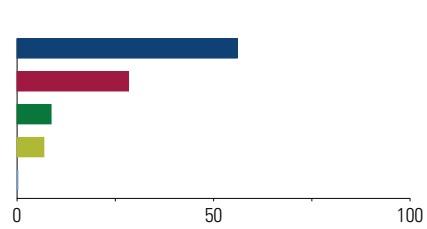
Style Analysis as of 09-30-2019
Morningstar Style Box™



Style Breakdown

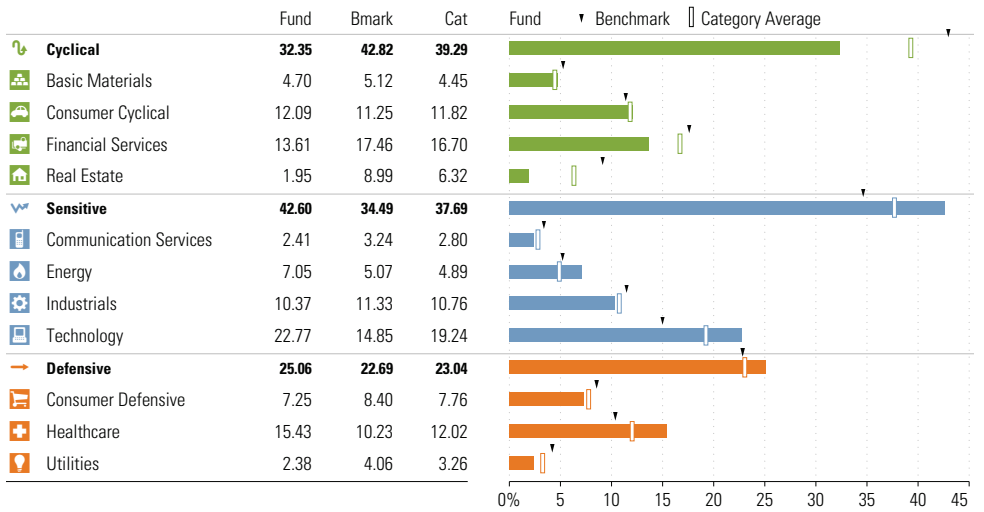


Asset Allocation as of 09-30-2019



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
Total	100.00	100.00

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.

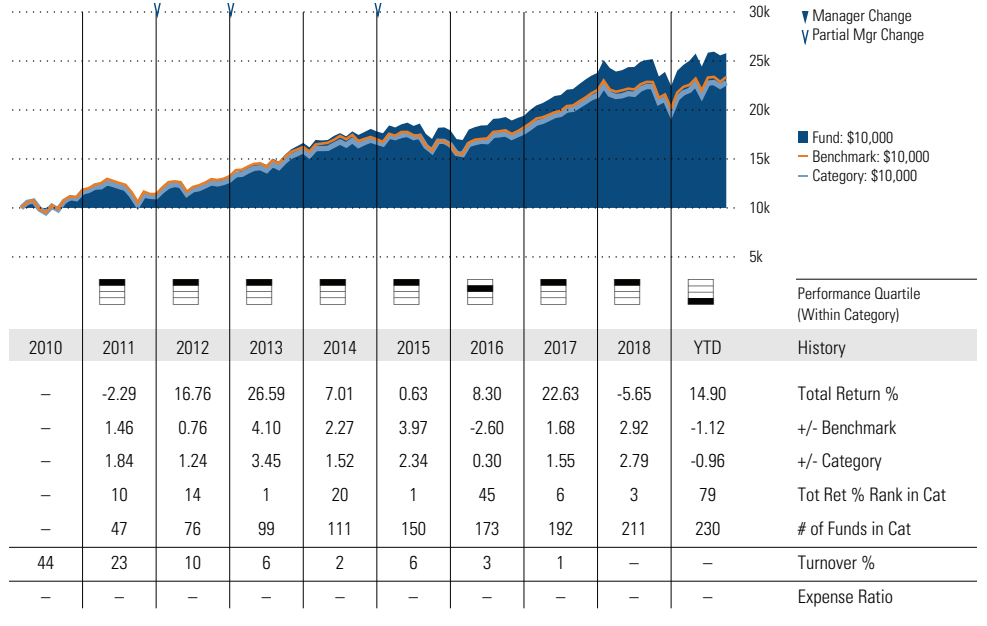
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

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

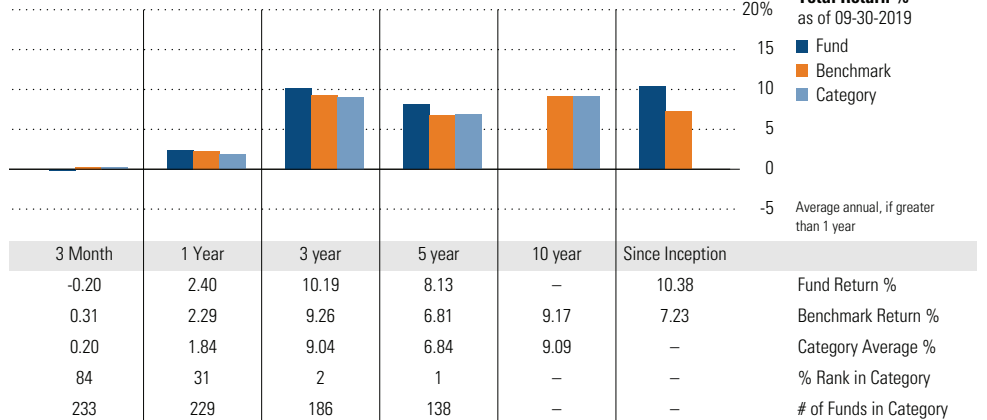
Morningstar Investment Management LLC Analysis

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.

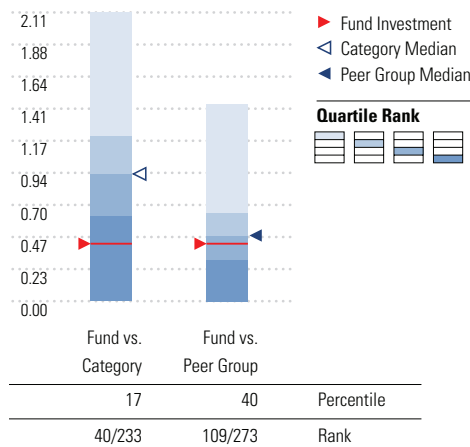
Growth of \$10,000



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

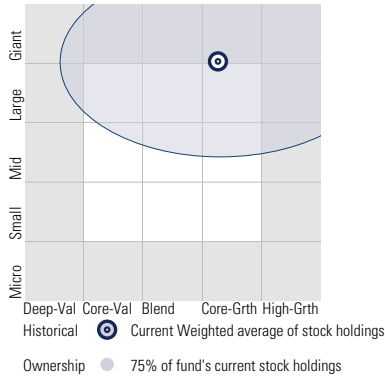
	Fund	Bmark	Cat
Price/Earnings Ratio	19.49	16.88	17.99
Price/Book Ratio	2.82	1.98	2.24
Avg Eff Duration	5.25	-	6.45

American Funds 2055 Trgt Date Retire R6 RFKTX

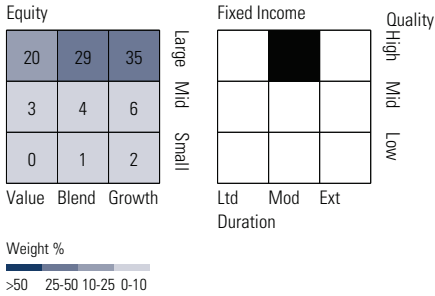
Morningstar Category
Target-Date 2055

Morningstar Index
Morningstar Lifetime Mod 2055 TR USD

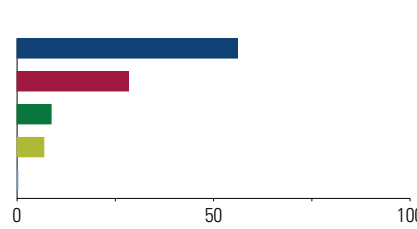
Style Analysis as of 09-30-2019
Morningstar Style Box™



Style Breakdown

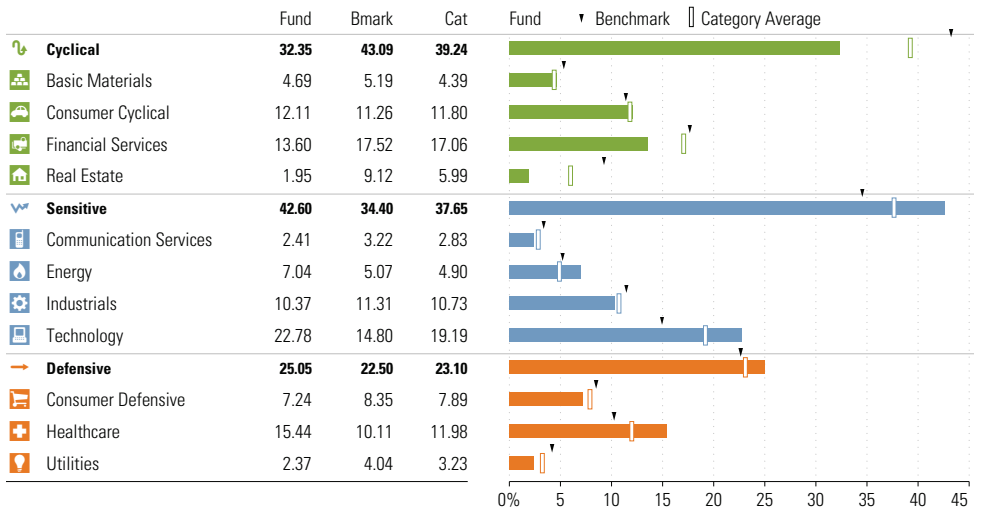


Asset Allocation as of 09-30-2019



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
Total	100.00	100.00

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.

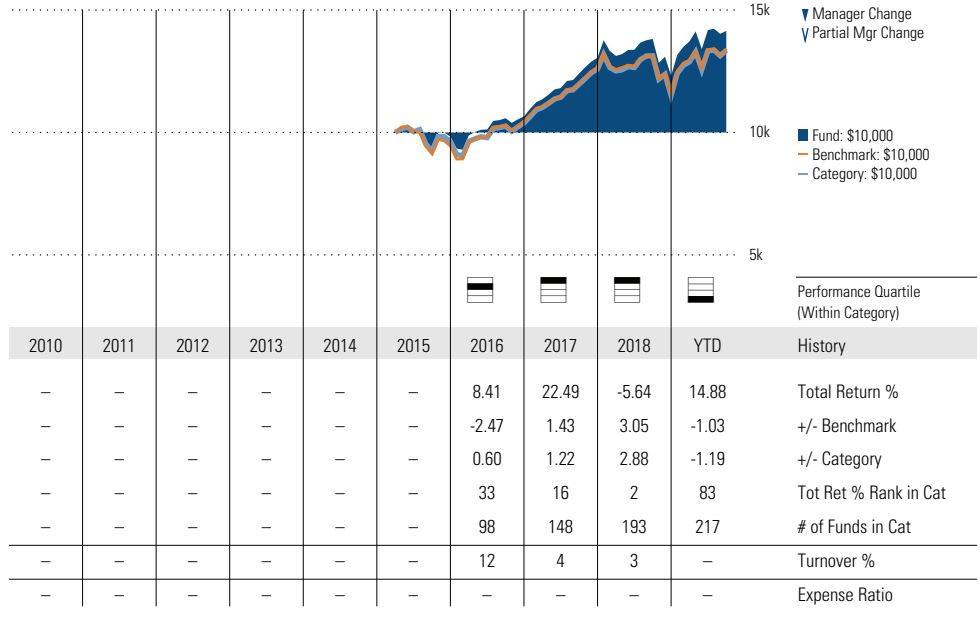
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

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

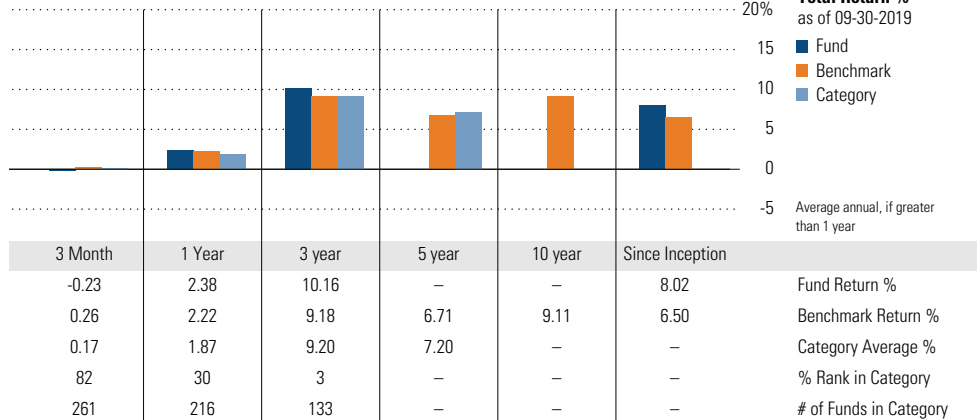
Morningstar Investment Management LLC Analysis

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.

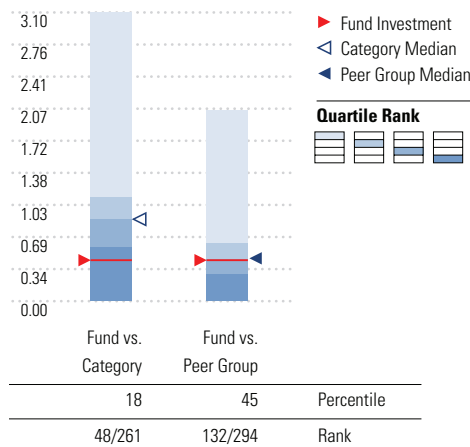
Growth of \$10,000



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

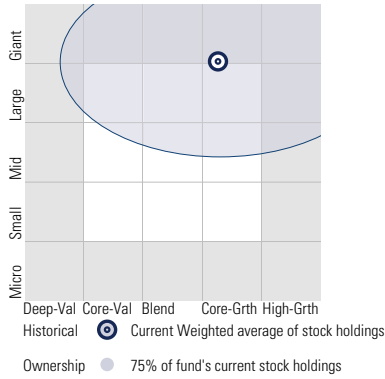
	Fund	Bmark	Cat
Price/Earnings Ratio	19.49	16.81	17.87
Price/Book Ratio	2.82	1.96	2.21
Avg Eff Duration	5.25	-	6.85

American Funds 2060 Trgt Date Retire R6 RFUTX

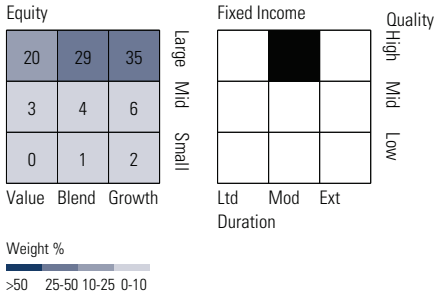
Morningstar Category
Target-Date 2060+

Morningstar Index
Morningstar Lifetime Mod 2060 TR USD

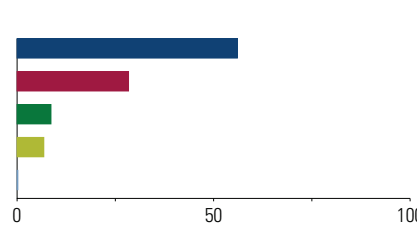
Style Analysis as of 09-30-2019
Morningstar Style Box™



Style Breakdown

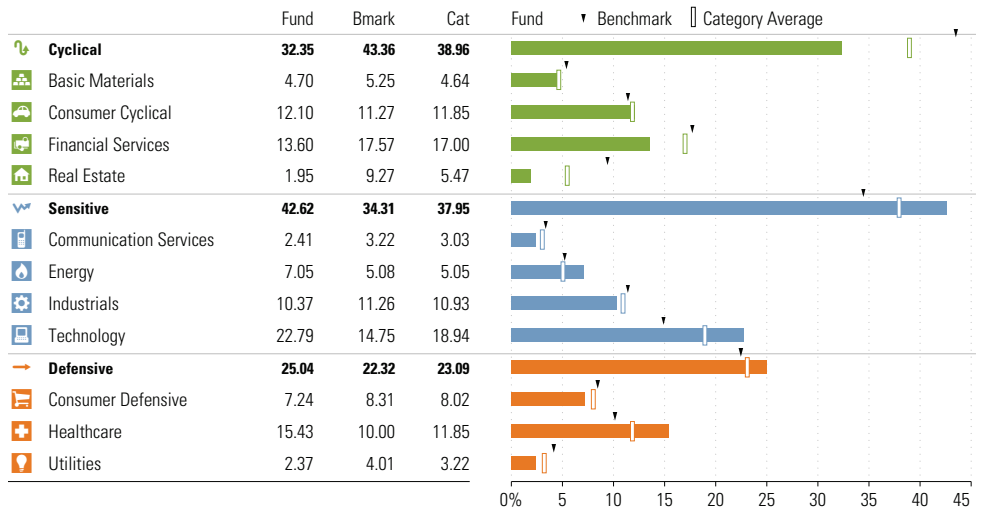


Asset Allocation as of 09-30-2019



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
Total	100.00	100.00

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 Growth Fund of Amer R6 RGAGX

Morningstar Category
Large Growth

Morningstar Index
Russell 1000 Growth TR USD

Portfolio Manager(s)

Donald O'Neal since 11-1993
 Michael Kerr since 11-1998
 J. Frank since 11-2001
 Barry Crosthwaite since 11-2007
 James Terrile since 11-2008
 Lawrence Solomon since 05-2010
 Martin Romo since 11-2010
 Carl Kawaja since 11-2010
 Mark Casey since 11-2012
 Alan Wilson since 11-2012
 Anne-Marie Peterson since 07-2013
 Christopher Buchbinder since 11-2013
 Jody Jonsson since 03-2016

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 25.93 years.

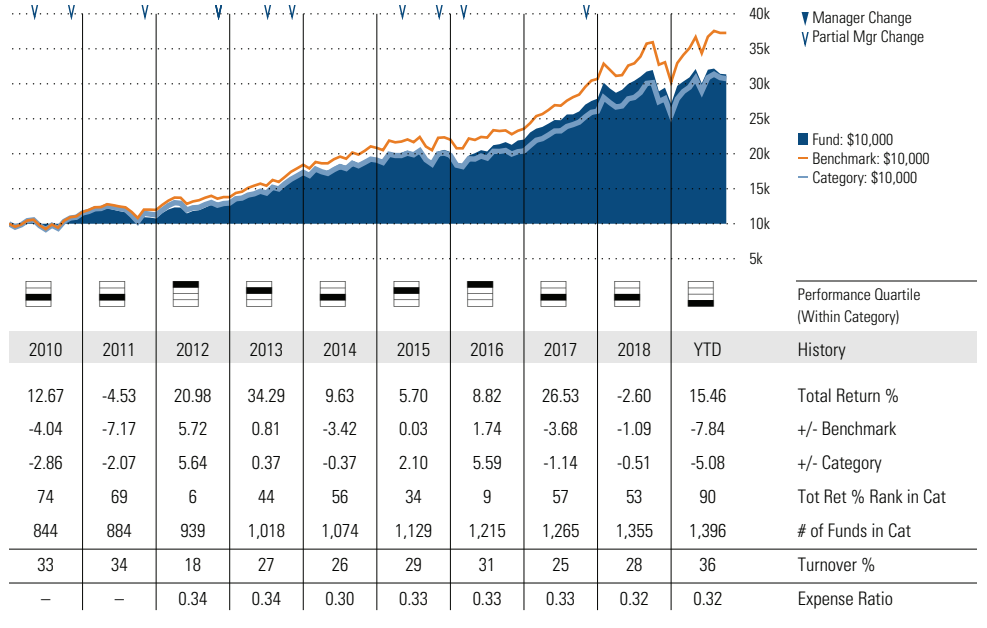
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.32 is 69.23% lower than the Large Growth category average.

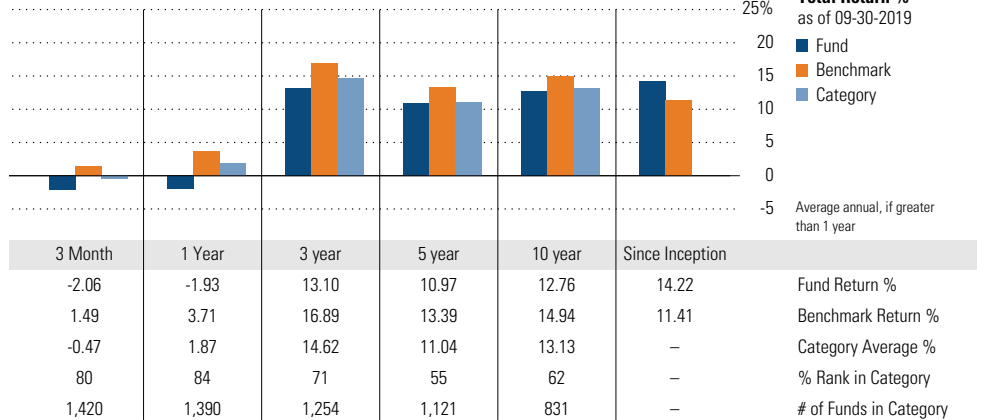
Morningstar Investment Management LLC Analysis

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

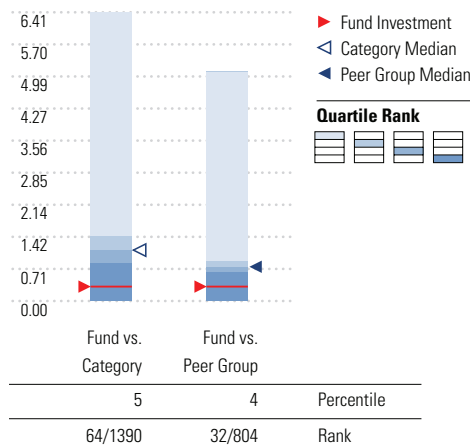
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-2.47	-	-1.63
Beta	0.95	-	0.99
R-Squared	93.11	-	91.12
Standard Deviation	13.03	13.30	13.80
Sharpe Ratio	0.89	1.12	0.96
Tracking Error	3.50	-	4.12
Information Ratio	-1.08	-	-0.65
Up Capture Ratio	87.91	-	92.49
Down Capture Ratio	100.80	-	99.37

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	23.32	25.98	26.42
Price/Book Ratio	3.81	7.55	6.09
Geom Avg Mkt Cap \$B	92.96	125.13	169.04
ROE	21.39	34.85	29.93

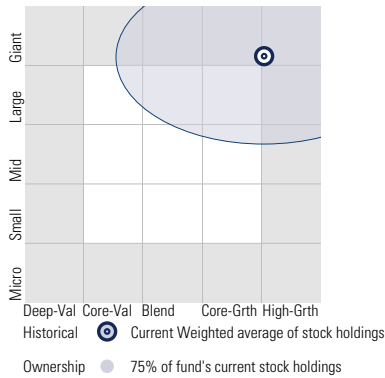
American Funds Growth Fund of Amer R6 RGAGX

Morningstar Category
Large Growth

Morningstar Index
Russell 1000 Growth TR USD

Style Analysis as of 09-30-2019

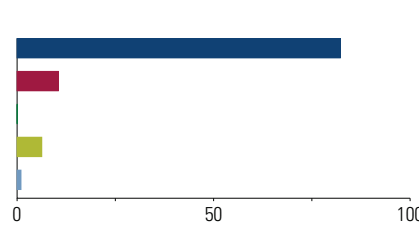
Morningstar Style Box™



Style Breakdown

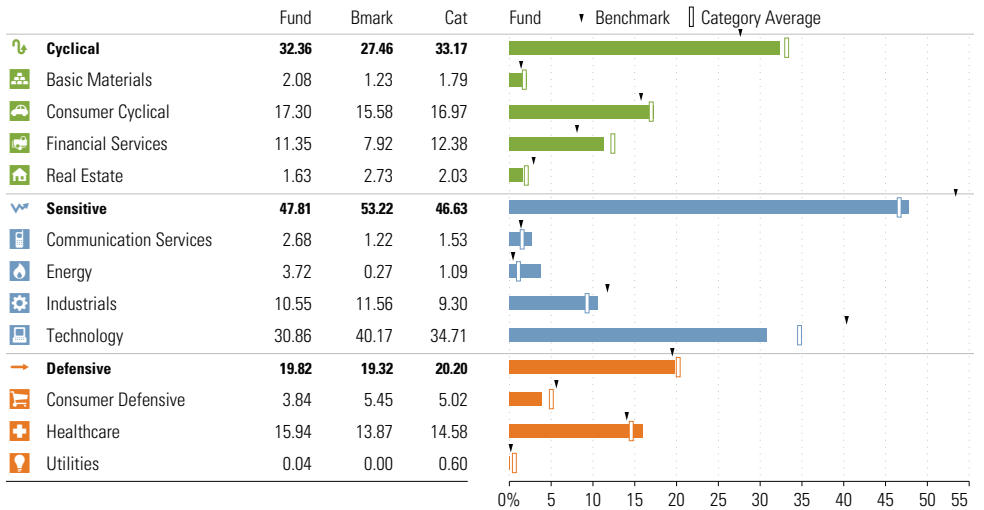


Asset Allocation as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	82.23	91.88
Non-US Stocks	10.48	5.58
Bonds	0.04	0.04
Cash	6.27	2.07
Other	0.98	0.45
Total	100.00	100.00

Sector Weighting as of 09-30-2019



Top 15 Holdings as of 09-30-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	6.30	6.30	—	—
Facebook Inc A	5.24	11.53	35.85	Technology
⊖ Microsoft Corp	5.04	16.58	38.24	Technology
⊖ Amazon.com Inc	3.90	20.48	15.58	Consumer Cyclical
⊕ Netflix Inc	3.71	24.19	-0.01	Consumer Cyclical
⊕ UnitedHealth Group Inc	2.29	26.48	-11.54	Healthcare
⊖ Alphabet Inc Class C	2.29	28.77	17.71	Technology
⊖ Broadcom Inc	1.82	30.59	11.70	Technology
⊖ Mastercard Inc A	1.58	32.17	44.48	Financial Services
⊖ The Home Depot Inc	1.54	33.72	37.41	Consumer Cyclical
⊕ Abbott Laboratories	1.38	35.10	17.01	Healthcare
⊕ Charter Communications Inc A	1.38	36.48	44.62	Communication Svc
⊖ Alphabet Inc A	1.36	37.84	16.86	Technology
⊖ Thermo Fisher Scientific Inc	1.15	38.99	30.41	Healthcare
Berkshire Hathaway Inc A	1.10	40.10	1.91	Financial Services

Total Holdings 335

⊕ Increase ⊖ Decrease ✨ New to Portfolio

American Funds Invmt Co of Amer R6 RICGX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

Portfolio Manager(s)

James Lovelace since 03-1992
 Donald O'Neal since 03-1992
 Joyce Gordon since 01-2001
 Christopher Buchbinder since 03-2007
 Eric Richter since 03-2008
 Barry Crosthwaite since 01-2013
 Grant Cambridge since 03-2014
 Martin Romo since 07-2018

Quantitative Screens

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

Management: The fund's management has been in place for 27.6 years.

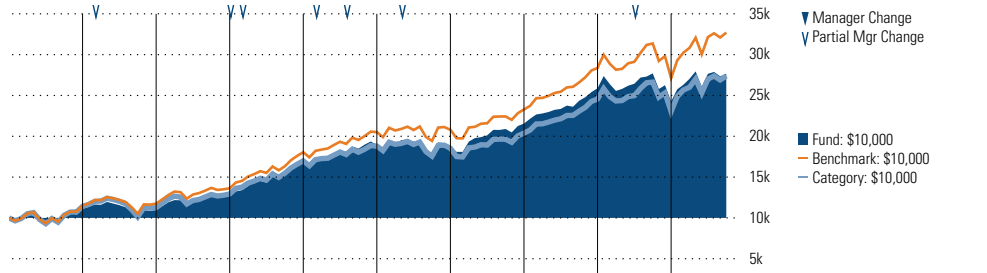
Style: The fund has landed in its primary style box — Large Blend — 81.82 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.29 is 68.13% lower than the Large Blend category average.

Morningstar Investment Management LLC Analysis

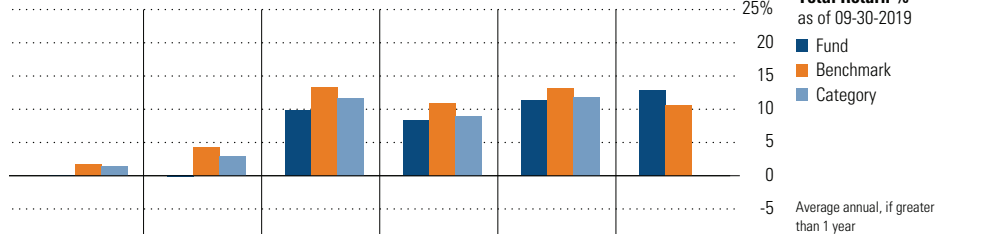
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

Growth of \$10,000



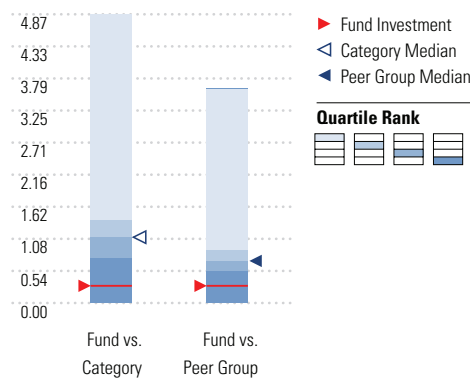
2010	2011	2012	2013	2014	2015	2016	2017	2018	YTD	History
11.16	-1.45	15.98	32.84	12.41	-1.15	14.93	20.06	-6.25	13.98	Total Return %
-3.90	-3.56	-0.02	0.45	-1.28	-2.53	2.97	-1.77	-1.87	-6.57	+/- Benchmark
-2.85	-0.18	1.02	1.34	1.45	-0.08	4.56	-0.38	0.02	-5.00	+/- Category
83	56	35	36	39	55	7	63	58	92	Tot Ret % Rank in Cat
845	891	938	987	1,047	1,108	1,183	1,259	1,370	1,448	# of Funds in Cat
23	28	21	24	29	30	25	28	36	-	Turnover %
-	-	0.30	0.30	0.30	0.30	0.30	0.30	0.29	-	Expense Ratio

Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	
0.01	-0.22	9.79	8.39	11.43	12.88	Fund Return %
1.70	4.25	13.39	10.84	13.24	10.65	Benchmark Return %
1.45	3.00	11.70	8.98	11.76	-	Category Average %
88	79	84	68	66	-	% Rank in Category
1,491	1,431	1,231	1,092	834	-	# of Funds in Category

Net Expense



Fund vs. Category: 14 Percentile, 199/1441 Rank
 Fund vs. Peer Group: 7 Percentile, 49/701 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	-1.97	-	-1.24
Beta	0.90	-	0.96
R-Squared	94.39	-	93.99
Standard Deviation	11.23	12.18	12.01
Sharpe Ratio	0.75	0.96	0.84
Tracking Error	2.95	-	2.98
Information Ratio	-1.22	-	-1.29
Up Capture Ratio	86.22	-	91.29
Down Capture Ratio	100.18	-	97.85

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.52	20.32	20.89
Price/Book Ratio	3.03	3.18	3.47
Geom Avg Mkt Cap \$B	114.75	111.20	178.81
ROE	25.49	26.31	28.46

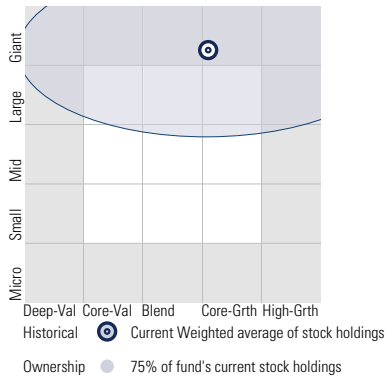
American Funds Invmt Co of Amer R6 RICGX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

Style Analysis as of 09-30-2019

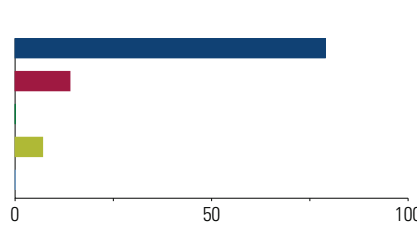
Morningstar Style Box™



Style Breakdown

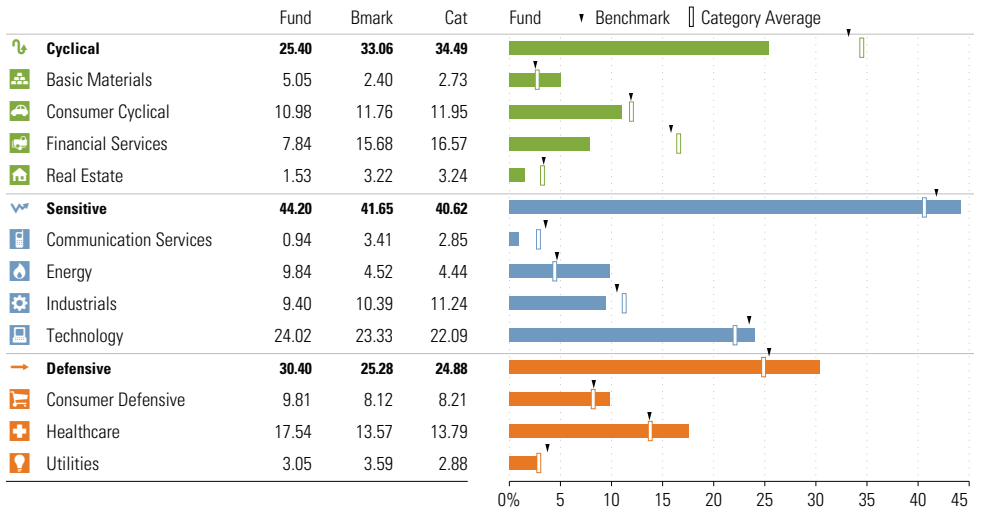


Asset Allocation as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	78.91	94.56
Non-US Stocks	13.95	2.95
Bonds	0.08	0.37
Cash	7.00	0.92
Other	0.06	1.18
Total	100.00	100.00

Sector Weighting as of 09-30-2019



Top 15 Holdings as of 09-30-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	7.18	7.18	-	-
Microsoft Corp	4.87	12.05	38.24	Technology
Facebook Inc A	4.68	16.73	35.85	Technology
Abbott Laboratories	3.15	19.88	17.01	Healthcare
Broadcom Inc	2.69	22.57	11.70	Technology
Amazon.com Inc	2.22	24.78	15.58	Consumer Cyclical
Exxon Mobil Corp	2.16	26.94	7.30	Energy
AbbVie Inc	2.15	29.10	-14.38	Healthcare
The Home Depot Inc	1.69	30.79	37.41	Consumer Cyclical
UnitedHealth Group Inc	1.68	32.47	-11.54	Healthcare
British American Tobacco PLC	1.62	34.09	24.36	Consumer Defensive
Amgen Inc	1.54	35.63	1.64	Healthcare
Alphabet Inc A	1.54	37.17	16.86	Technology
EOG Resources Inc	1.51	38.68	-14.06	Energy
Linde PLC	1.45	40.14	25.83	Basic Materials

Total Holdings 186

⊕ Increase ⊖ Decrease ✨ New to Portfolio

American Funds New World R6 RNWGX

Morningstar Category
Diversified Emerging Mkts

Morningstar Index
MSCI EM NR USD

Portfolio Manager(s)

Robert Lovelace since 06-1999
 Carl Kawaja since 06-1999
 Wahid Butt since 01-2008
 Nicholas Grace since 01-2008
 Christopher Thomsen since 01-2009
 Winnie Kwan since 01-2009
 Tomonori Tani since 10-2013
 Jonathan Knowles since 01-2016
 Bradford Freer since 01-2017
 Steven Backes since 01-2019
 Lisa Thompson since 10-2019

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 20.3 years.

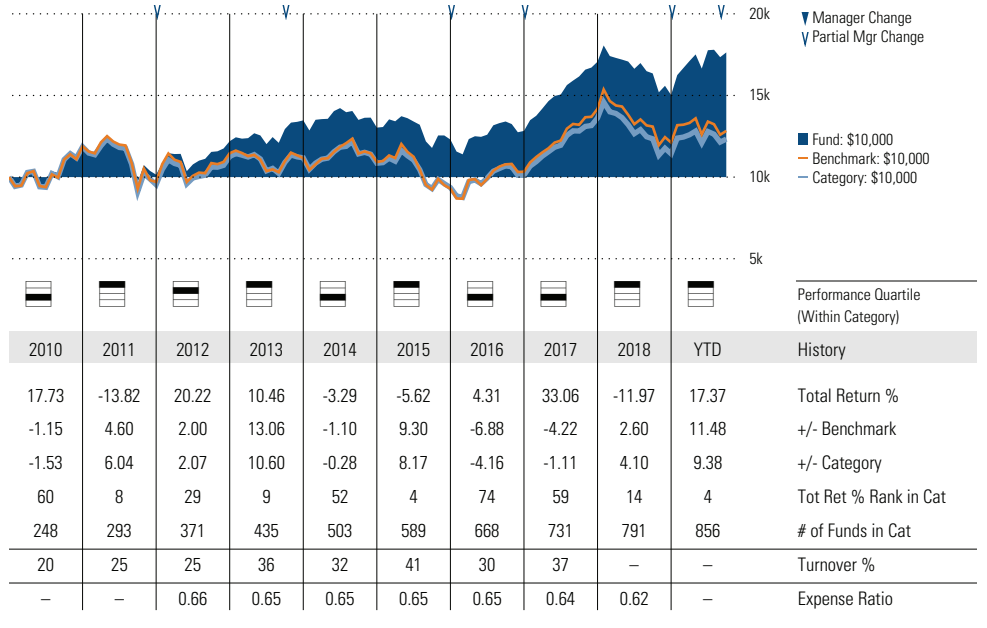
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.62 is 51.94% lower than the Diversified Emerging Mkts category average.

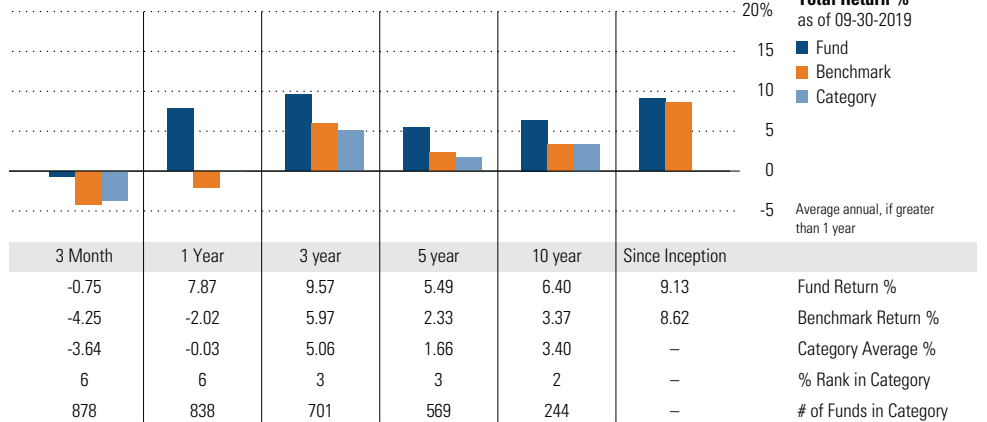
Morningstar Investment Management LLC Analysis

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

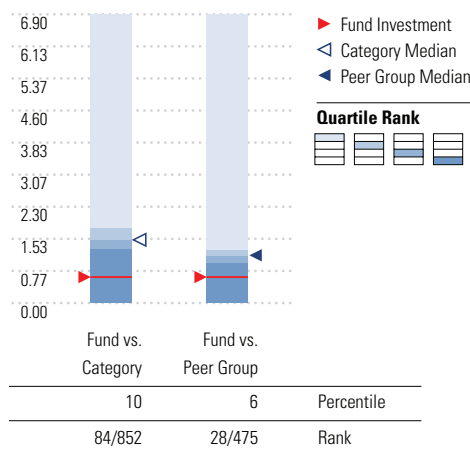
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	4.54	-	-0.25
Beta	0.78	-	0.92
R-Squared	90.71	-	87.64
Standard Deviation	11.47	14.04	13.77
Sharpe Ratio	0.71	0.37	0.31
Tracking Error	4.68	-	4.83
Information Ratio	0.77	-	-0.18
Up Capture Ratio	90.90	-	92.55
Down Capture Ratio	67.68	-	94.88

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.76	12.83	13.52
Price/Book Ratio	2.61	1.54	1.92
Geom Avg Mkt Cap \$B	42.15	29.91	32.68
ROE	20.04	16.19	18.42

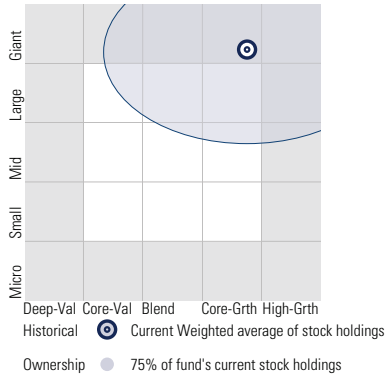
American Funds New World R6 RNWGX

Morningstar Category
Diversified Emerging Mkts

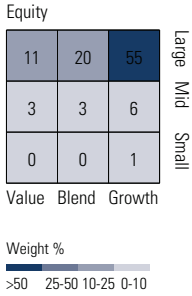
Morningstar Index
MSCI EM NR USD

Style Analysis as of 09-30-2019

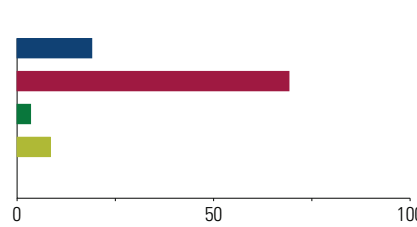
Morningstar Style Box™



Style Breakdown

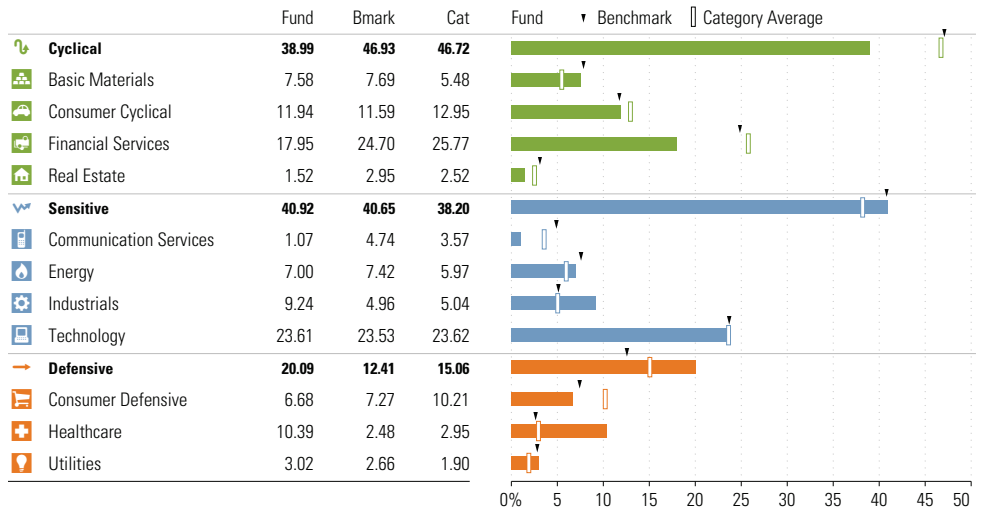


Asset Allocation as of 09-30-2019

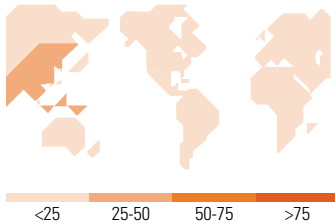


Asset Class	Net %	Cat%
US Stocks	18.99	2.32
Non-US Stocks	69.17	95.27
Bonds	3.42	0.46
Cash	8.41	1.63
Other	0.00	0.31
Total	100.00	100.00

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	41.80	68.54	Americas	34.62	15.61	Greater Europe	23.57	15.84	Developed Markets	57.37
Japan	5.60	0.11	North America	23.07	1.60	United Kingdom	4.13	0.91	Emerging Markets	42.63
Australasia	1.02	0.01	Central/Latin	11.55	14.01	W euro-ex UK	14.72	2.13	Not Available	0.00
Asia-4 Tigers	8.60	22.46				Emrgng Europe	2.35	6.36		
Asia-ex 4 Tigers	26.58	45.96				Africa	2.37	6.44		
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	7.55	7.55	—	—
⊕ Kotak Mahindra Bank Ltd	1.91	9.46	30.94	Financial Services
⊕ Reliance Industries Ltd	1.88	11.34	19.40	Energy
Taiwan Semiconductor Manufacturing Co Ltd	1.77	13.11	25.06	Technology
⊕ Microsoft Corp	1.76	14.88	38.24	Technology
⊖ Alibaba Group Holding Ltd ADR	1.60	16.48	22.00	Consumer Cyclical
⊕ AIA Group Ltd	1.54	18.03	15.89	Financial Services
⊖ HDFC Bank Ltd	1.44	19.47	16.65	Financial Services
⊖ Tencent Holdings Ltd	1.32	20.78	5.48	Technology
⊖ Mastercard Inc A	1.29	22.07	44.48	Financial Services

Total Holdings 522

⊕ Increase ⊖ Decrease ✱ New to Portfolio

American Funds Washington Mutual R6 RWMGX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

Portfolio Manager(s)

Alan Berro since 07-1997
 Jeffrey Lager since 07-2004
 Alan Wilson since 07-2013
 Jin Lee since 07-2014
 Eric Stern since 11-2014
 Brady Enright since 07-2016
 Mark Casey since 07-2016

Quantitative Screens

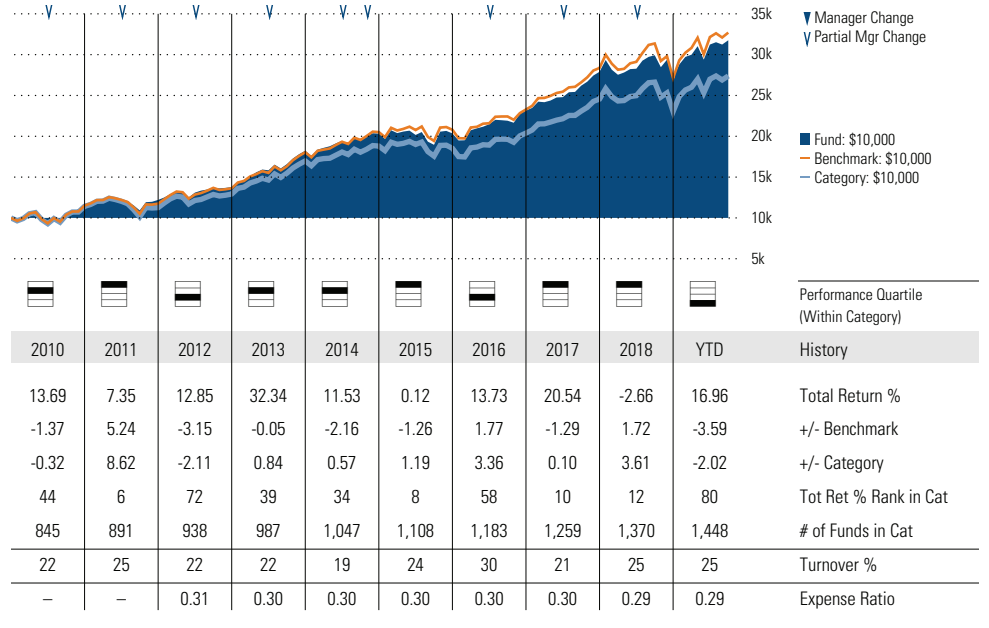
Performance: The fund has finished in the Large Blend category's top three quartiles in 9 of the 10 years it's been in existence.

Management: The fund's management has been in place for 22.26 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 0.29 is 68.13% lower than the Large Blend category average.

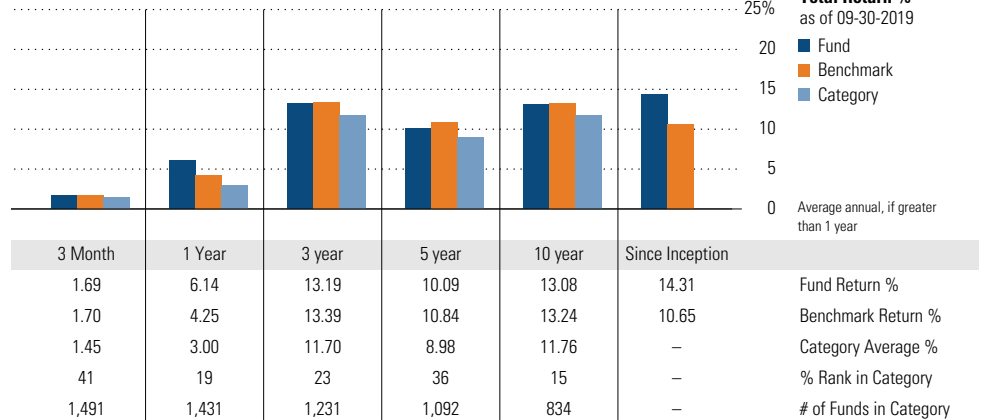
Growth of \$10,000



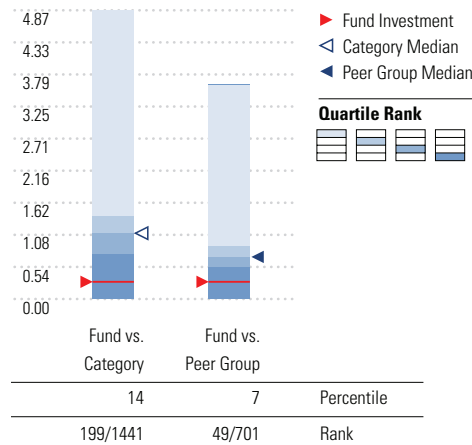
Morningstar Investment Management LLC Analysis

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

Metric	Fund	Bmark	Cat
Alpha	1.74	-	-1.24
Beta	0.84	-	0.96
R-Squared	95.49	-	93.99
Standard Deviation	10.50	12.18	12.01
Sharpe Ratio	1.08	0.96	0.84
Tracking Error	2.94	-	2.98
Information Ratio	-0.07	-	-1.29
Up Capture Ratio	90.41	-	91.29
Down Capture Ratio	81.64	-	97.85

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.38	20.32	20.89
Price/Book Ratio	2.92	3.18	3.47
Geom Avg Mkt Cap \$B	112.00	111.20	178.81
ROE	25.60	26.31	28.46

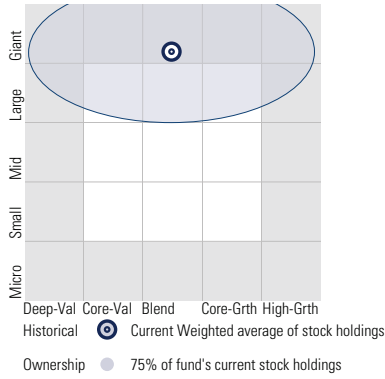
American Funds Washington Mutual R6 RWMGX

Morningstar Category
Large Blend

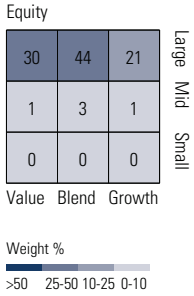
Morningstar Index
S&P 500 TR USD

Style Analysis as of 09-30-2019

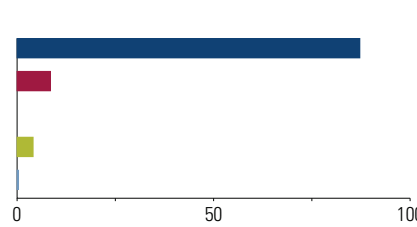
Morningstar Style Box™



Style Breakdown

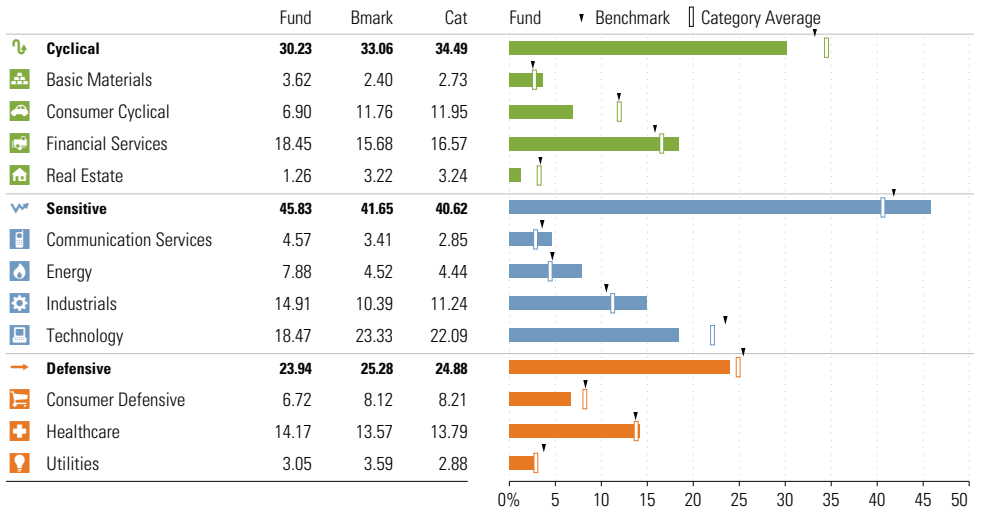


Asset Allocation as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	87.20	94.56
Non-US Stocks	8.47	2.95
Bonds	0.00	0.37
Cash	4.07	0.92
Other	0.26	1.18
Total	100.00	100.00

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	5.90	5.90	38.24	Technology
Capital Group Central Cash Fund	3.97	9.87	-	-
Boeing Co	3.09	12.96	19.89	Industrials
Broadcom Inc	2.82	15.78	11.70	Technology
Comcast Corp Class A	2.75	18.53	33.63	Communication Svc
The Home Depot Inc	2.70	21.23	37.41	Consumer Cyclical
Intel Corp	2.62	23.85	11.82	Technology
Merck & Co Inc	2.52	26.37	12.33	Healthcare
CME Group Inc Class A	2.50	28.87	13.54	Financial Services
Northrop Grumman Corp	2.44	31.32	54.61	Industrials
Marsh & McLennan Companies Inc	2.00	33.32	27.07	Financial Services
PNC Financial Services Group Inc	1.90	35.23	22.50	Financial Services
Lockheed Martin Corp	1.90	37.12	51.49	Industrials
JPMorgan Chase & Co	1.83	38.95	23.02	Financial Services
Johnson & Johnson	1.80	40.75	2.43	Healthcare

Total Holdings 163

⊕ Increase ⊖ Decrease ✨ New to Portfolio

BlackRock High Yield Bond K BRHYX

Morningstar Category
High Yield Bond

Morningstar Index
ICE BofAML US High Yield TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 11.76 years.

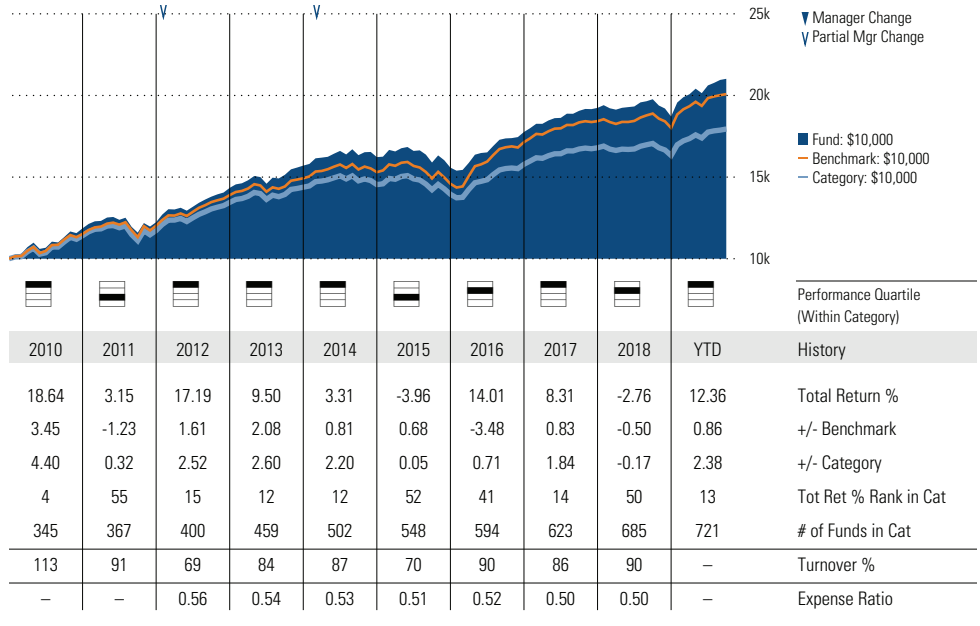
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.5 is 49.49% lower than the High Yield Bond category average.

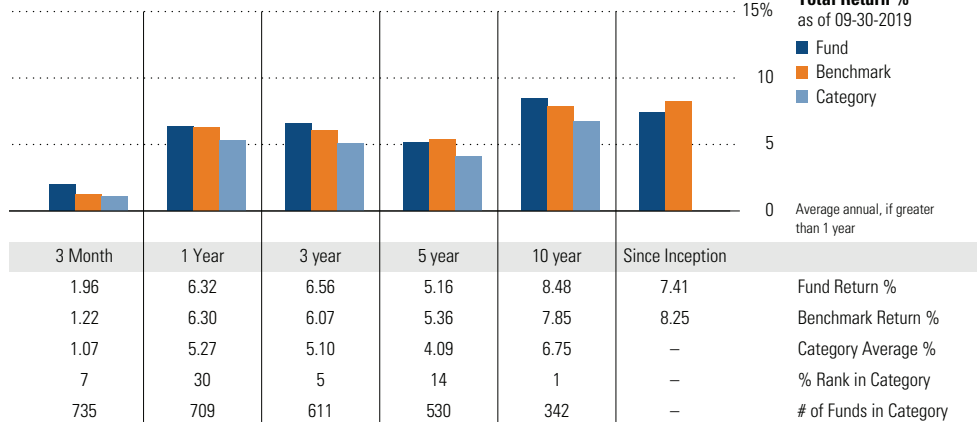
Morningstar Investment Management LLC Analysis

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.

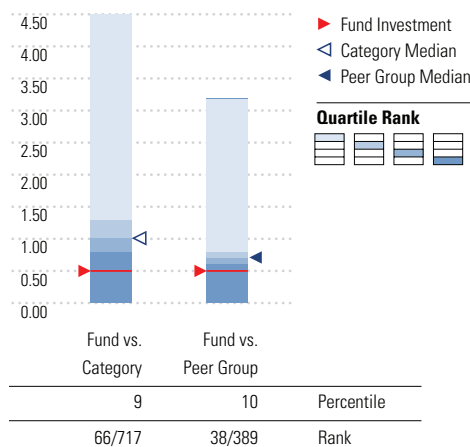
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.42	-	-0.35
Beta	1.01	-	0.90
R-Squared	96.75	-	90.23
Standard Deviation	4.31	4.21	4.02
Sharpe Ratio	1.12	1.04	0.88
Tracking Error	0.78	-	1.37
Information Ratio	0.63	-	-0.89
Up Capture Ratio	102.71	-	86.99
Down Capture Ratio	91.94	-	93.08

Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	3.11	-	2.83
Avg Eff Maturity	6.93	-	4.65

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

BlackRock High Yield Bond K BRHYX

Morningstar Category
High Yield Bond

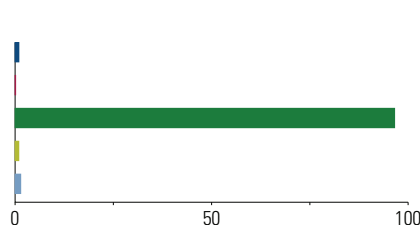
Morningstar Index
ICE BofAML US High Yield TR USD

Style Analysis as of 09-30-2019

Style Breakdown



Asset Allocation as of 09-30-2019

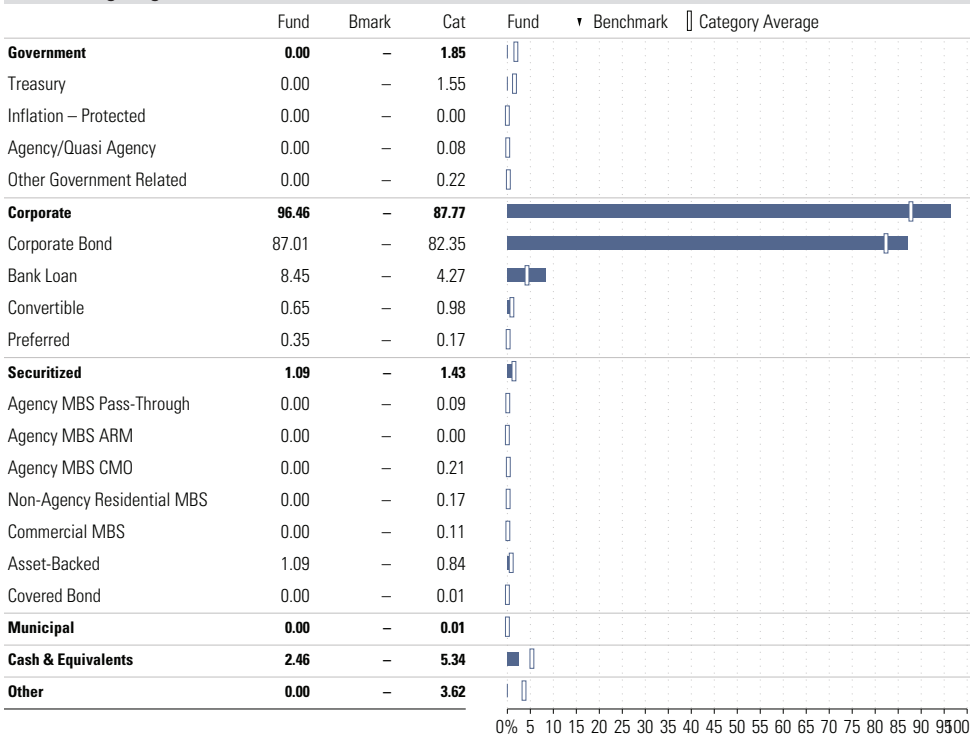


Asset Class	Net %	Cat%
US Stocks	0.95	0.70
Non-US Stocks	0.13	0.05
Bonds	96.56	94.03
Cash	0.93	3.62
Other	1.42	1.60
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	0.93	-	3.36
AA	0.07	-	0.27
A	0.39	-	1.63
BBB	4.29	-	4.66
BB	34.24	-	29.89
B	44.08	-	40.54
Below B	15.56	-	18.23
Not Rated	0.45	-	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
⊕ BlackRock Liquidity T-Fund Instl	-	2.20	2.20	-
⊕ TransDigm, Inc. 6.25%	03-2026	1.92	4.12	-
⊖ Usd Cash(Committed)	-	1.50	5.62	-
⊕ Ally Financial Inc. 8%	11-2031	0.96	6.58	-
⊖ iShares iBoxx \$ High Yield Corp Bd ETF	-	0.90	7.48	-
⊕ SPDR® Blmbg Barclays High Yield Bd ETF	-	0.81	8.29	-
⊕ Infor (US), Inc. 6.5%	05-2022	0.69	8.98	-
Solera, LLC / Solera Finance, Inc. 10.5%	03-2024	0.66	9.64	-
⊕ Frontier Communications Corporation 8%	04-2027	0.57	10.21	-
Bombardier Inc. 7.88%	04-2027	0.56	10.77	-

Total Holdings 1287

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Invesco Oppenheimer Global R6 OGLIX

Morningstar Category
World Large Stock

Morningstar Index
MSCI ACWI Ex USA NR USD

Portfolio Manager(s)

John Delano since 03-2017

Quantitative Screens

✔ **Performance:** The fund has finished in the World Large Stock category's top three quartiles in 5 of the 7 years it's been in existence.

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

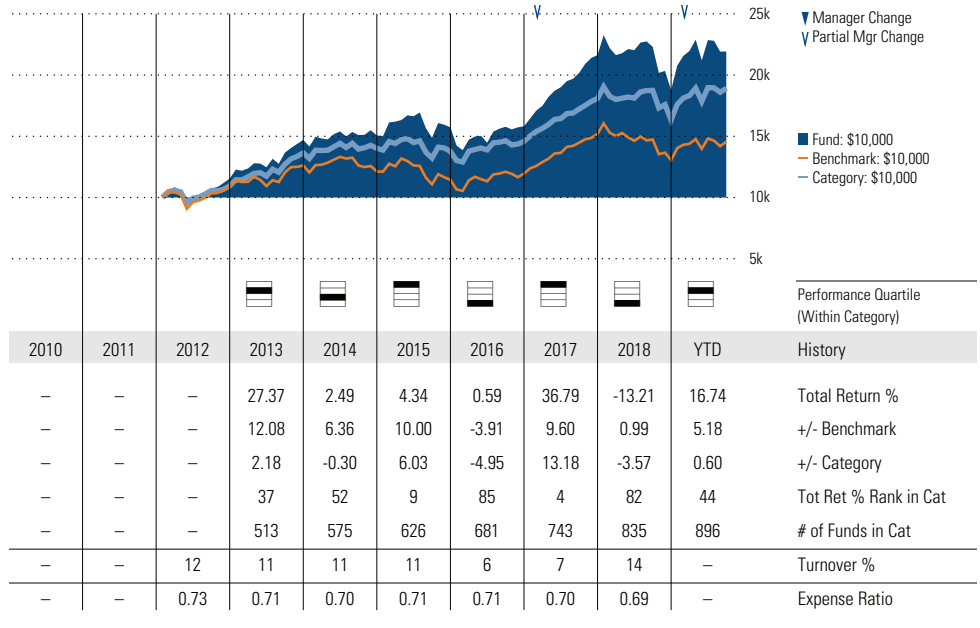
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.69 is 38.39% lower than the World Large Stock category average.

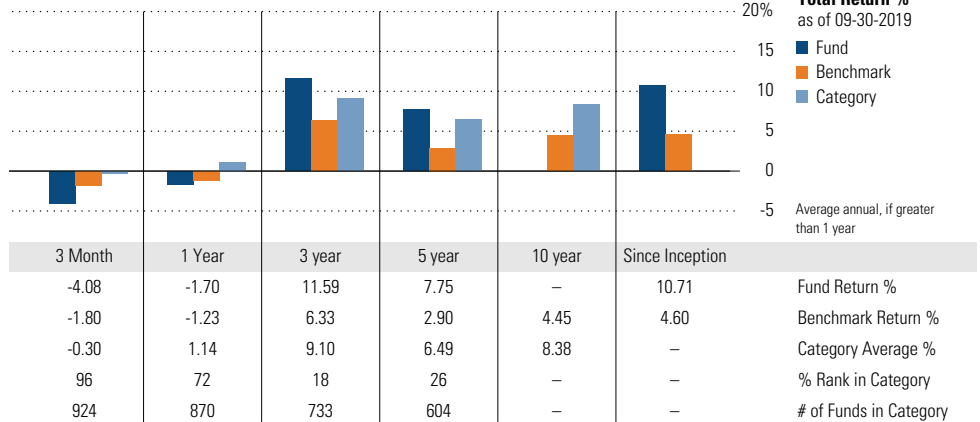
Morningstar Investment Management LLC Analysis

This fund is on watch due to a manager change. At the end of March 2019, longtime lead manager Rajeev Bhaman retired. Although his successor is experienced, Bhaman was key to the fund's long-term success. We are placing the fund on watch while we monitor how it fares under new management.

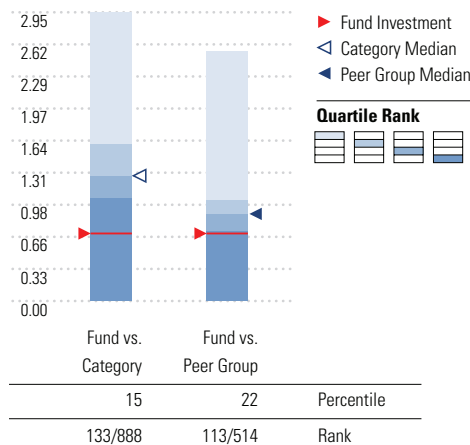
Growth of \$10,000



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	4.30	-	3.15
Beta	1.13	-	0.92
R-Squared	83.10	-	79.32
Standard Deviation	14.25	11.45	11.84
Sharpe Ratio	0.73	0.45	0.66
Tracking Error	6.06	-	5.63
Information Ratio	0.87	-	0.49
Up Capture Ratio	118.44	-	96.71
Down Capture Ratio	90.33	-	76.45

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	22.36	14.87	19.09
Price/Book Ratio	2.89	1.57	2.39
Geom Avg Mkt Cap \$B	60.32	33.84	72.37
ROE	19.83	16.14	21.82

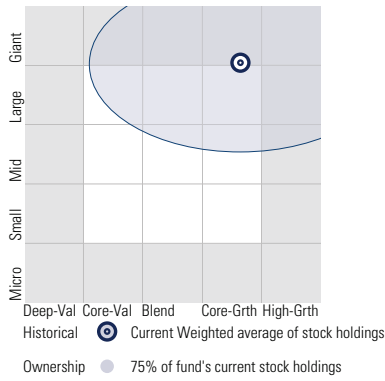
Invesco Oppenheimer Global R6 OGLIX

Morningstar Category
World Large Stock

Morningstar Index
MSCI ACWI Ex USA NR USD

Style Analysis as of 09-30-2019

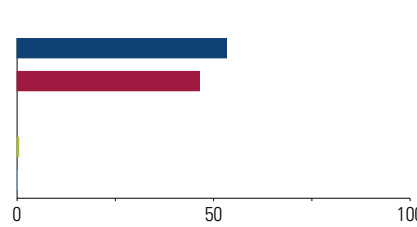
Morningstar Style Box™



Style Breakdown

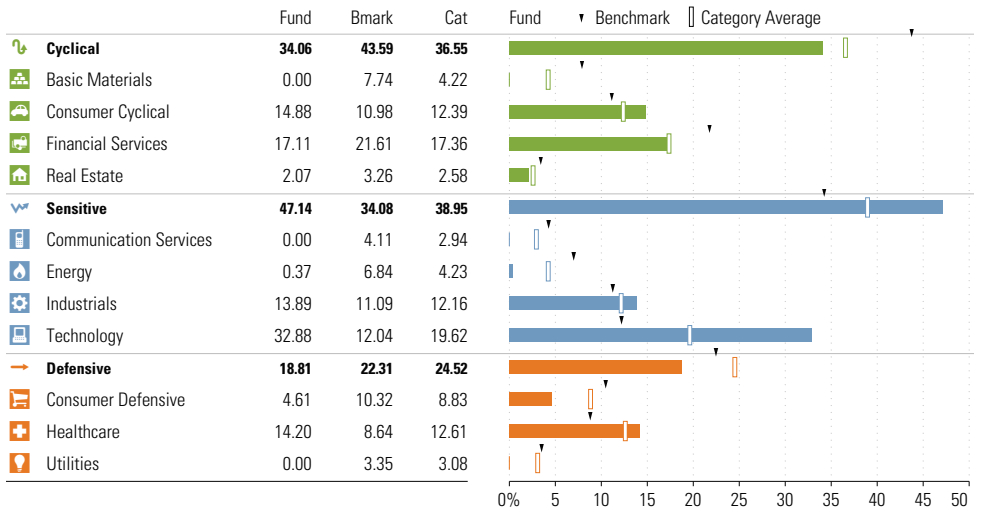


Asset Allocation as of 09-30-2019

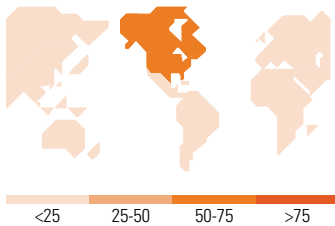


Asset Class	Net %	Cat%
US Stocks	53.24	54.02
Non-US Stocks	46.34	42.60
Bonds	0.00	0.26
Cash	0.41	2.39
Other	0.01	0.73
Total	100.00	100.00

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	17.86	15.65	Americas	54.29	59.15	Greater Europe	27.84	25.20	Developed Markets	93.64
Japan	12.72	5.80	North America	53.46	58.18	United Kingdom	4.14	6.77	Emerging Markets	6.36
Australasia	0.00	1.03	Central/Latin	0.83	0.97	W euro-ex UK	23.33	17.64	Not Available	0.00
Asia-4 Tigers	0.00	3.59				Emrgng Europe	0.37	0.29		
Asia-ex 4 Tigers	5.14	5.23				Africa	0.00	0.50		
Not Classified	0.00	0.00								

Top 10 Holdings as of 09-30-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Alphabet Inc A	7.01	7.01	16.86	Technology
Airbus SE	4.13	11.15	44.43	Industrials
LVMH Moet Hennessy Louis Vuitton SE	3.97	15.12	45.13	Consumer Cyclical
Intuit Inc	3.83	18.95	35.81	Technology
S&P Global Inc	3.79	22.74	45.16	Financial Services
Facebook Inc A	3.40	26.14	35.85	Technology
Adobe Inc	3.34	29.48	22.10	Technology
SAP SE	2.75	32.23	26.02	Technology
Anthem Inc	2.61	34.84	-7.66	Healthcare
PayPal Holdings Inc	2.47	37.31	23.19	Financial Services

Total Holdings 74

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Loomis Sayles Investment Grade Bond N LGBNX

Morningstar Category
Intermediate Core-Plus Bond

Morningstar Index
BBgBarc US Agg Bond TR USD

Portfolio Manager(s)

Elaine Stokes since 09-2006
Matthew Eagan since 09-2006
Brian Kennedy since 02-2013

Quantitative Screens

✔ **Performance:** The fund has finished in the Intermediate Core-Plus Bond category's top three quartiles in 5 of the 6 years it's been in existence.

✔ **Management:** The fund's management has been in place for 13.01 years.

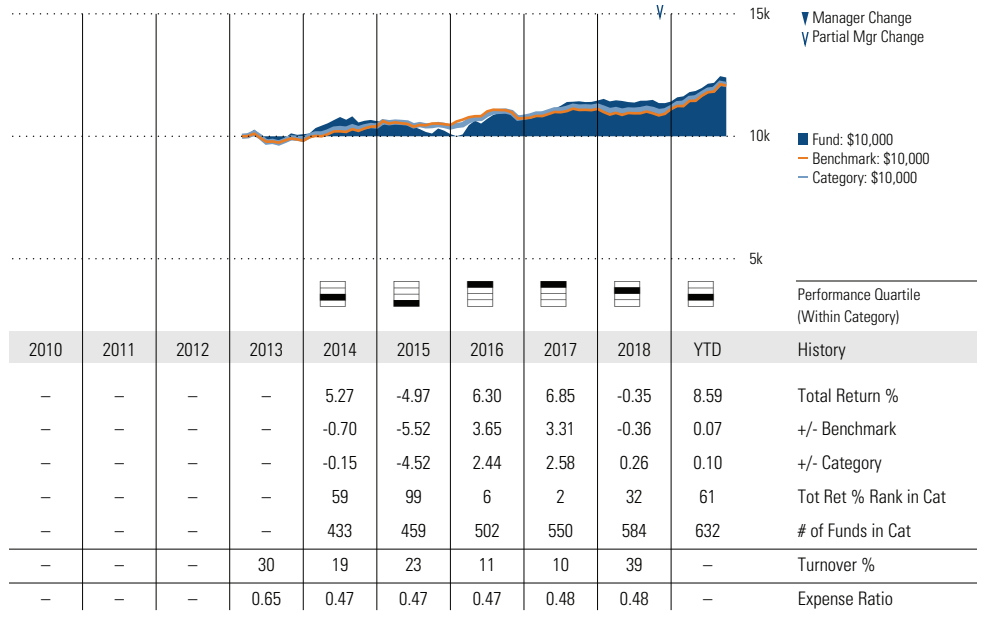
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.48 is 40% lower than the Intermediate Core-Plus Bond category average.

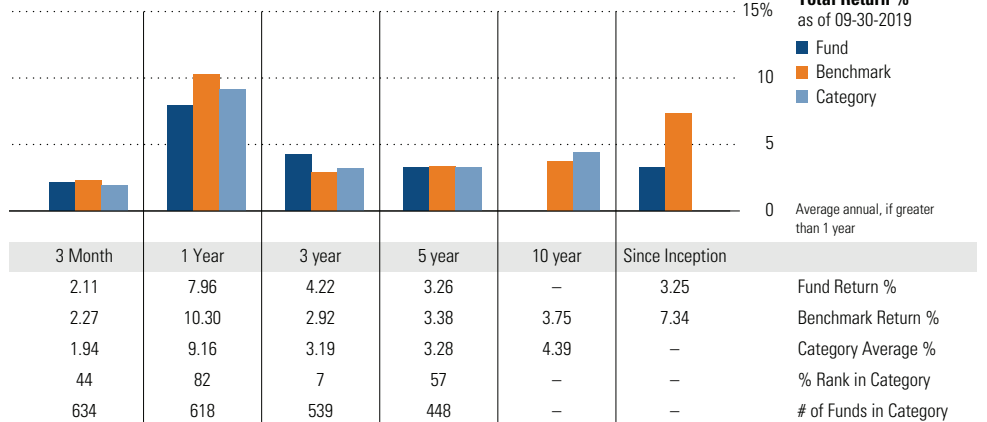
Morningstar Investment Management LLC Analysis

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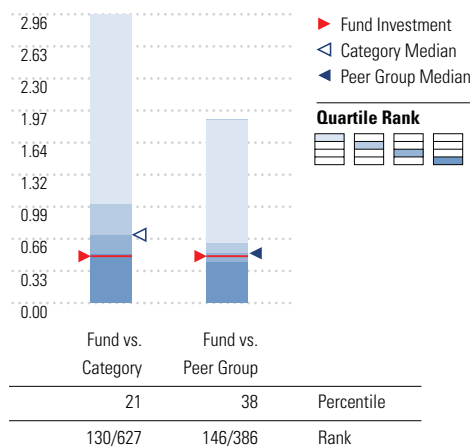
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	2.36	-	0.71
Beta	0.62	-	0.83
R-Squared	53.23	-	86.86
Standard Deviation	2.84	3.35	2.99
Sharpe Ratio	0.92	0.41	0.54
Tracking Error	2.32	-	1.15
Information Ratio	0.56	-	0.19
Up Capture Ratio	85.68	-	92.85
Down Capture Ratio	29.89	-	78.28

Portfolio Metrics

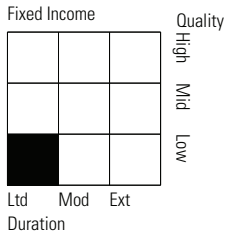
Metric	Fund	Bmark	Cat
Avg Eff Duration	3.12	4.43	-
Avg Eff Maturity	4.62	-	-

Loomis Sayles Investment Grade Bond N LGBNX

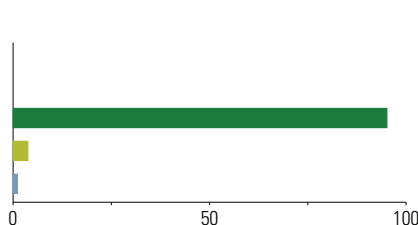
Morningstar Category Intermediate Core-Plus Bond
Morningstar Index BBgBarc US Agg Bond TR USD

Style Analysis as of 09-30-2019

Style Breakdown



Asset Allocation as of 09-30-2019

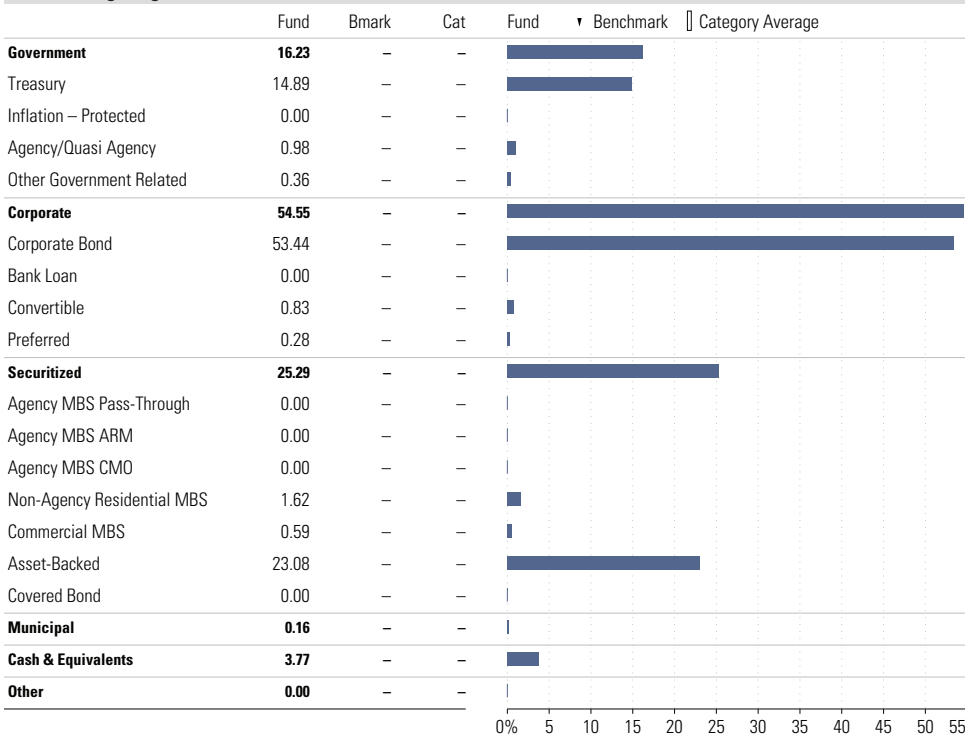


Asset Class	Net %	Cat%
US Stocks	0.00	—
Non-US Stocks	0.00	—
Bonds	95.12	—
Cash	3.77	—
Other	1.11	—
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	14.11	3.53	—
AA	0.11	74.59	—
A	34.61	10.82	—
BBB	29.59	8.32	—
BB	8.40	0.28	—
B	1.75	0.00	—
Below B	0.11	0.00	—
Not Rated	11.31	2.46	—

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 2.38%	05-2029	5.45	5.45	—
United States Treasury Bonds 3%	08-2048	4.61	10.06	—
United States Treasury Bonds 3%	02-2049	2.50	12.56	—
⊕ Fixed Inc Clearing Corp.Repo	09-2019	1.81	14.37	—
Textron Inc. 5.95%	09-2021	1.49	15.86	—
JPMorgan Chase & Co. 4.12%	12-2026	1.38	17.24	—
AT&T Inc 4.3%	02-2030	1.22	18.46	—
ArcelorMittal S.A. 6.75%	03-2041	1.00	19.46	—
Chevron Corporation 2.1%	05-2021	0.99	20.45	—
Kreditanstalt Fur Wiederaufbau 1.5%	04-2020	0.98	21.43	—

Total Holdings 388

⊕ Increase ⊖ Decrease ✱ New to Portfolio

MFS Intl International Equity MIEIX

Morningstar Category
Foreign Large Growth

Morningstar Index
MSCI EAFE NR USD

Portfolio Manager(s)

Daniel Ling since 10-2009
Filipe Benzinho since 05-2016

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 10 years.

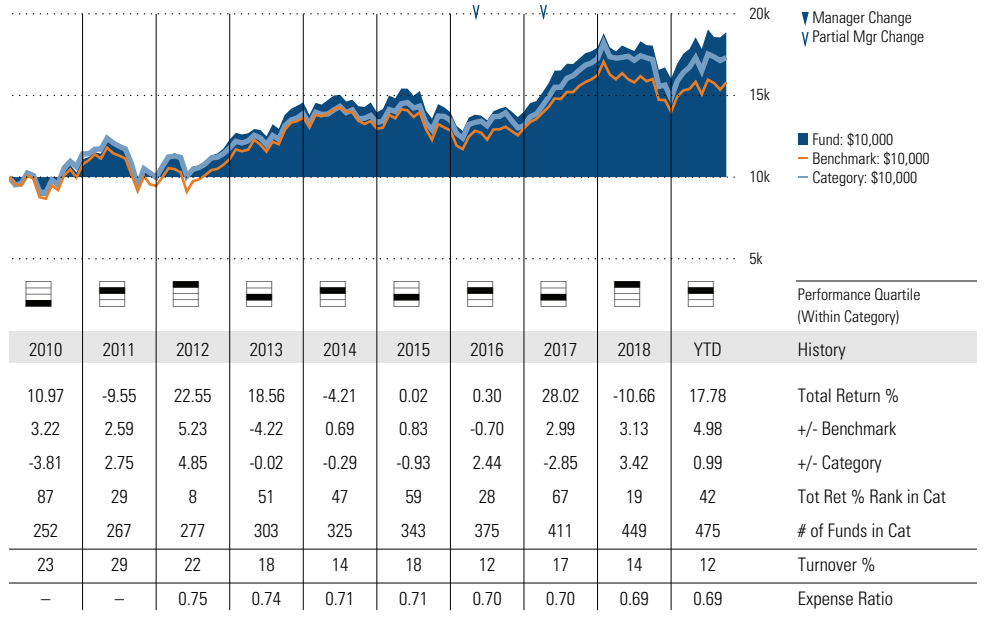
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.69 is 38.94% lower than the Foreign Large Growth category average.

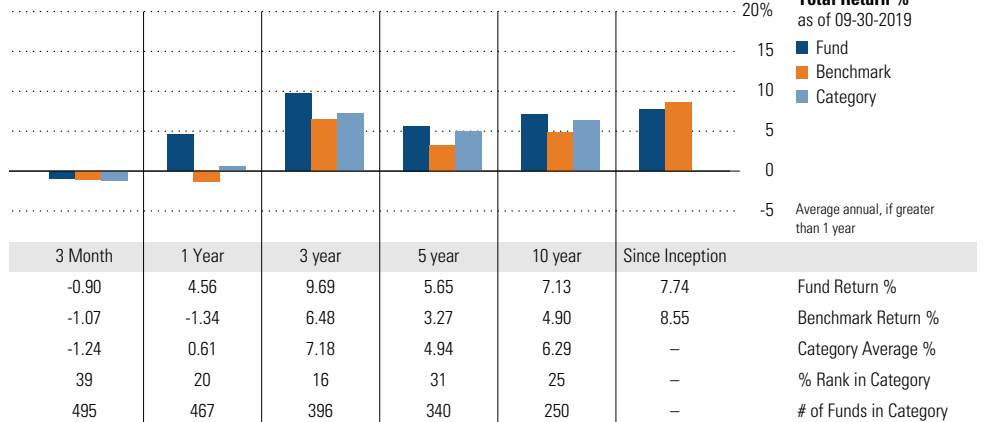
Morningstar Investment Management LLC Analysis

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

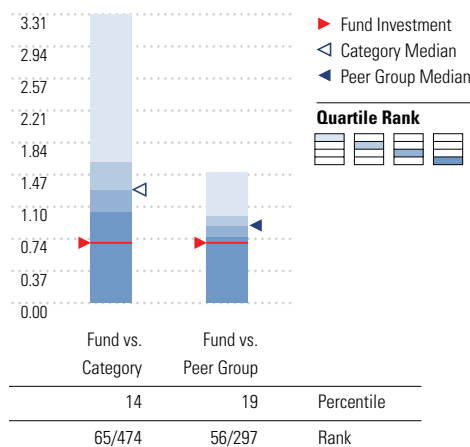
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	3.20	-	0.58
Beta	0.97	-	1.03
R-Squared	93.17	-	-
Standard Deviation	11.11	11.07	12.56
Sharpe Ratio	0.74	0.48	0.46
Tracking Error	2.92	-	5.20
Information Ratio	1.10	-	0.11
Up Capture Ratio	105.21	-	98.91
Down Capture Ratio	84.65	-	93.55

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	21.42	15.97	22.11
Price/Book Ratio	2.54	1.56	3.08
Geom Avg Mkt Cap \$B	50.24	35.74	39.99
ROE	20.13	16.29	20.08

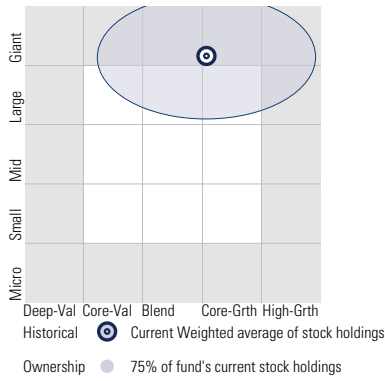
MFS Intl International Equity MIEIX

Morningstar Category
Foreign Large Growth

Morningstar Index
MSCI EAFE NR USD

Style Analysis as of 09-30-2019

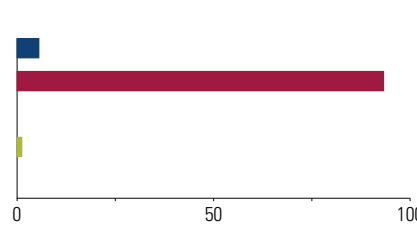
Morningstar Style Box™



Style Breakdown

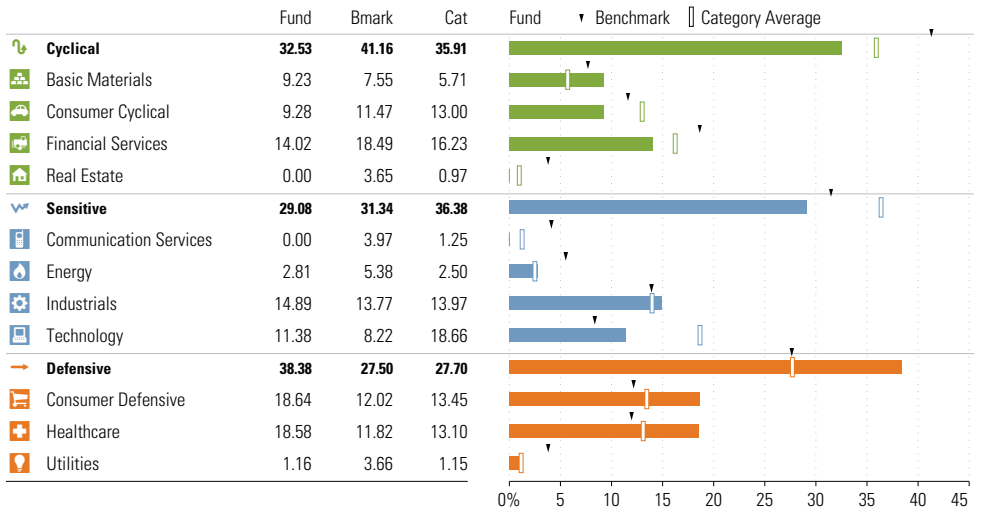


Asset Allocation as of 09-30-2019

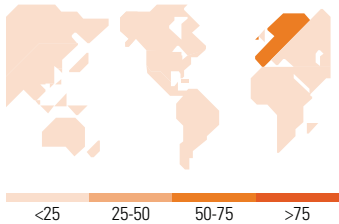


Asset Class	Net %	Cat%
US Stocks	5.54	8.20
Non-US Stocks	93.26	88.19
Bonds	0.00	0.04
Cash	1.20	3.31
Other	0.00	0.27
Total	100.00	100.00

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	24.58	30.83	Americas	9.73	15.21	Greater Europe	65.70	53.95	Developed Markets	95.25
Japan	14.96	13.01	North America	9.13	13.02	United Kingdom	13.36	12.58	Emerging Markets	4.75
Australasia	0.00	2.16	Central/Latin	0.60	2.19	W euro-ex UK	52.34	40.14	Not Available	0.00
Asia-4 Tigers	5.47	6.39				Emrgng Europe	0.00	0.38		
Asia-ex 4 Tigers	4.15	9.27				Africa	0.00	0.85		
Not Classified	0.00	0.00								

Top 10 Holdings as of 09-30-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Nestle SA	4.34	4.34	38.76	Consumer Defensive
⊖ Roche Holding AG Dividend Right Cert.	3.10	7.44	22.90	Healthcare
⊖ AIA Group Ltd	2.72	10.16	15.89	Financial Services
⊖ Hoya Corp	2.72	12.88	34.00	Healthcare
⊖ Air Liquide SA	2.71	15.59	22.87	Basic Materials
⊖ Schneider Electric SE	2.69	18.28	38.73	Industrials
⊖ SAP SE	2.44	20.72	25.83	Technology
⊖ Experian PLC	2.22	22.94	38.37	Industrials
⊖ Beiersdorf AG	2.20	25.14	19.46	Consumer Defensive
⊖ LVMH Moet Hennessy Louis Vuitton SE	2.14	27.28	42.78	Consumer Cyclical

Total Holdings 79

⊕ 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.

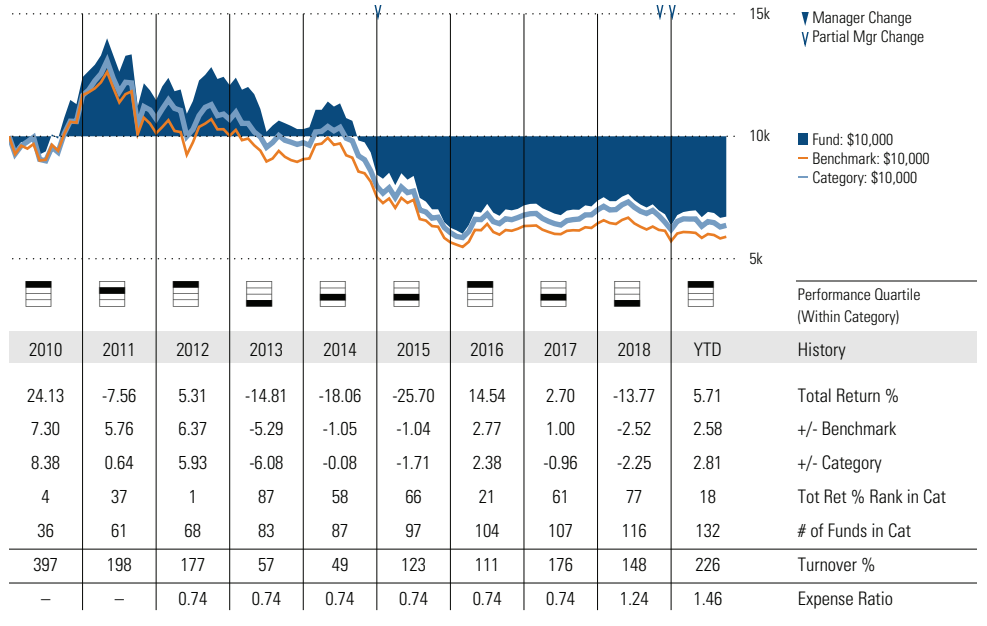
Style Consistency is not calculated for Fixed Income funds.

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

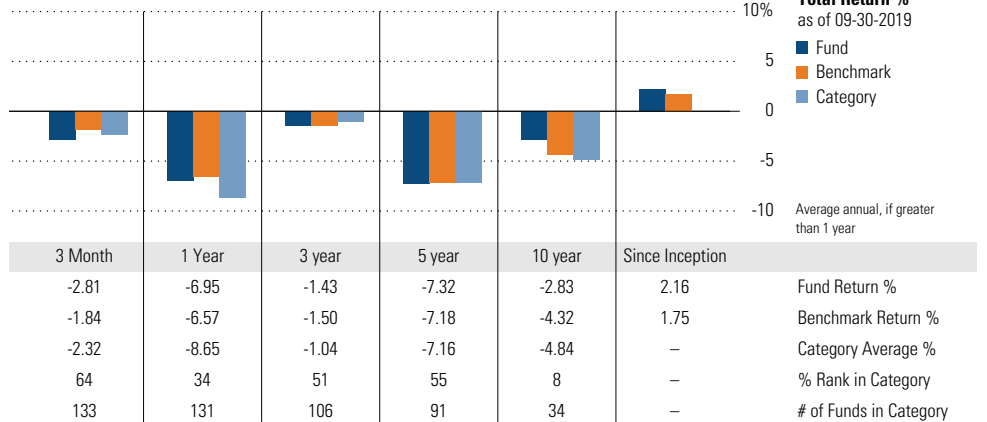
Morningstar Investment Management LLC Analysis

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.

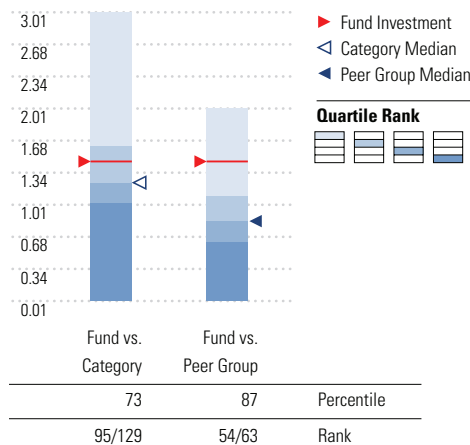
Growth of \$10,000



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

Metric	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

Metric	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

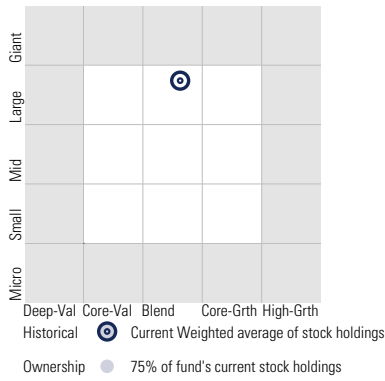
PIMCO Commodity Real Ret Strat Instl PCRIX

Morningstar Category
Commodities Broad Basket

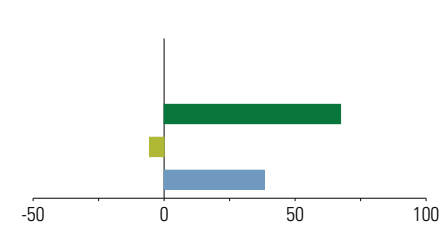
Morningstar Index
Bloomberg Commodity TR USD

Style Analysis as of 09-30-2019

Morningstar Style Box™

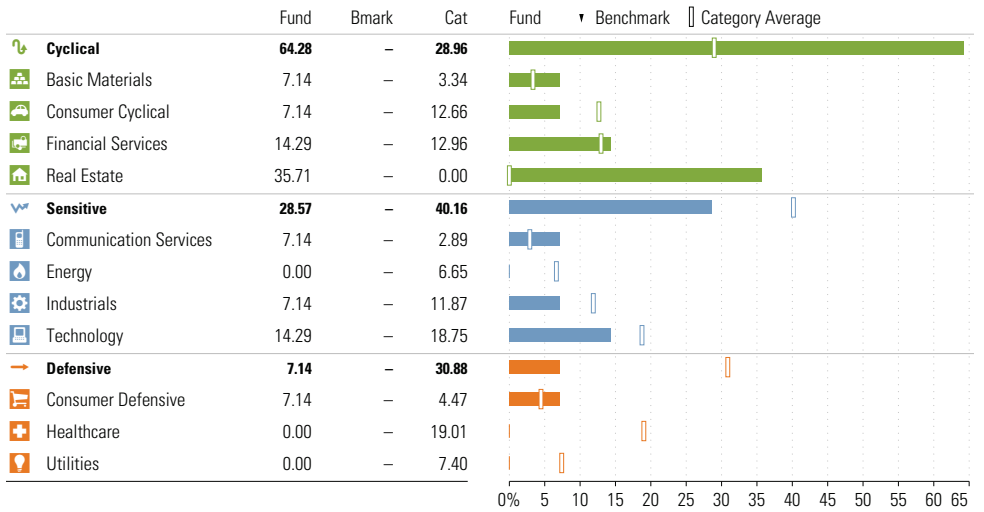


Asset Allocation as of 09-30-2019

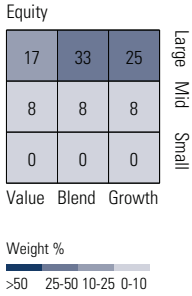


Asset Class	Net %	Cat%
US Stocks	0.00	3.15
Non-US Stocks	0.00	1.88
Bonds	67.35	16.03
Cash	-5.58	63.84
Other	38.23	15.11
Total	100.00	100.00

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 International Bond (USD-Hdg) Instl PFORX

Morningstar Category
World Bond-USD Hedged

Morningstar Index
BBgBarc US Agg Bond TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 5.01 years.

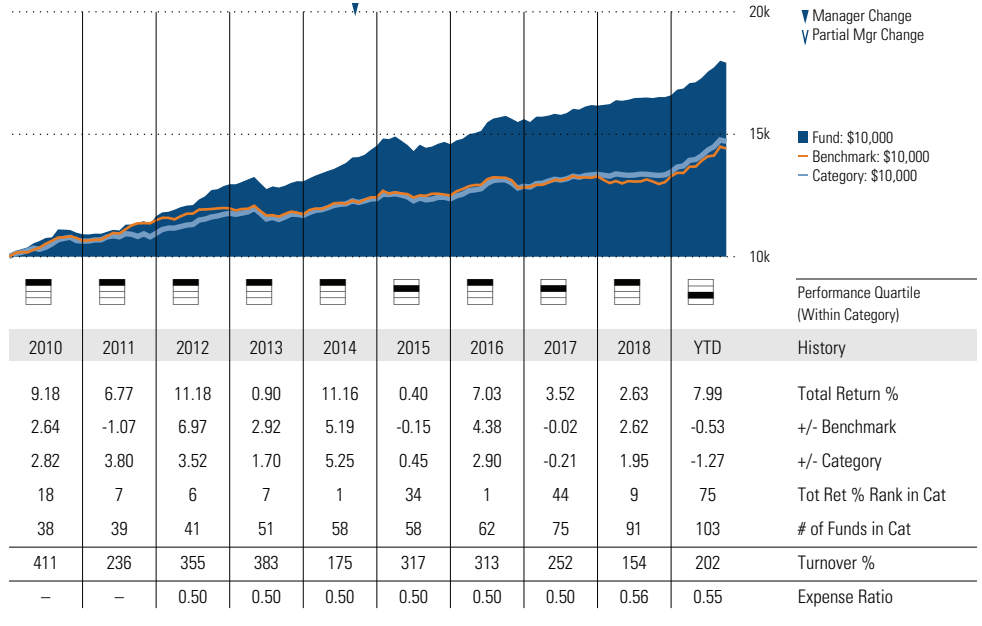
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.55 is 30.38% lower than the World Bond-USD Hedged category average.

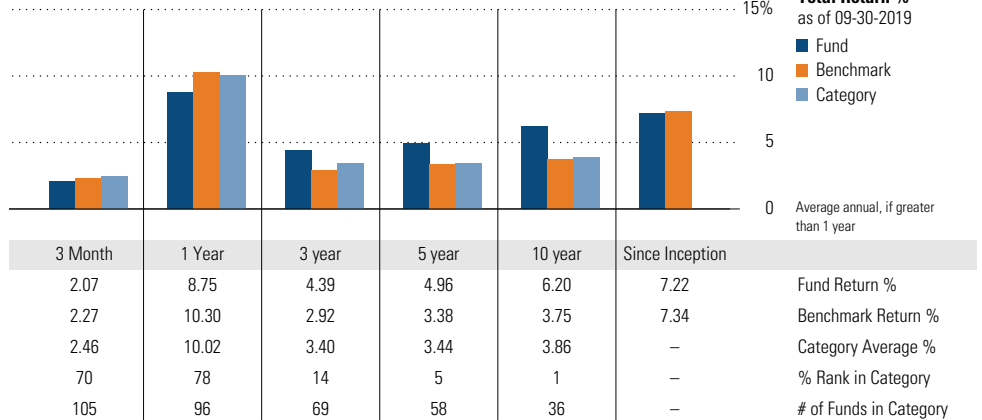
Morningstar Investment Management LLC Analysis

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

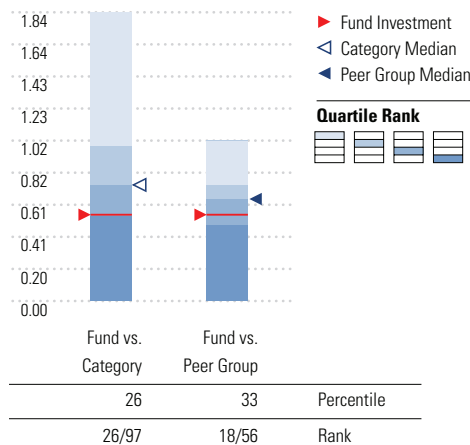
Growth of \$10,000



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	2.94	-	1.46
Beta	0.47	-	0.68
R-Squared	50.35	-	66.43
Standard Deviation	2.23	3.35	2.80
Sharpe Ratio	1.25	0.41	0.68
Tracking Error	2.36	-	2.04
Information Ratio	0.62	-	0.28
Up Capture Ratio	79.57	-	85.26
Down Capture Ratio	12.45	-	53.20

Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	8.07	4.43	-
Avg Eff Maturity	10.41	-	-

PIMCO International Bond (USD-Hdg) Instl PFORX

Morningstar Category
World Bond-USD Hedged

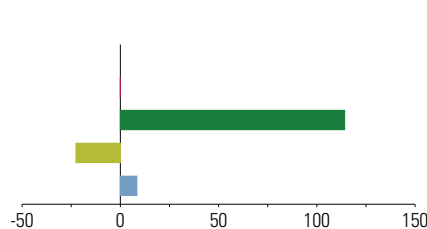
Morningstar Index
BBgBarc US Agg Bond TR USD

Style Analysis as of 09-30-2019

Style Breakdown



Asset Allocation as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	0.00	-
Non-US Stocks	0.03	-
Bonds	114.14	-
Cash	-22.59	-
Other	8.42	-
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	41.00	3.53	-
AA	24.00	74.59	-
A	8.00	10.82	-
BBB	20.00	8.32	-
BB	3.00	0.28	-
B	1.00	0.00	-
Below B	3.00	0.00	-
Not Rated	0.00	2.46	-

Sector Weighting as of 09-30-2019

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
Government	38.88	-	-			
Treasury	8.73	-	-			
Inflation - Protected	1.63	-	-			
Agency/Quasi Agency	2.06	-	-			
Other Government Related	26.46	-	-			
Corporate	4.96	-	-			
Corporate Bond	4.02	-	-			
Bank Loan	0.16	-	-			
Convertible	0.78	-	-			
Preferred	0.00	-	-			
Securitized	8.97	-	-			
Agency MBS Pass-Through	4.41	-	-			
Agency MBS ARM	0.00	-	-			
Agency MBS CMO	0.05	-	-			
Non-Agency Residential MBS	0.55	-	-			
Commercial MBS	0.04	-	-			
Asset-Backed	1.88	-	-			
Covered Bond	2.04	-	-			
Municipal	0.03	-	-			
Cash & Equivalents	29.29	-	-			
Other	17.05	-	-			

Top 10 Holdings as of 09-30-2019

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Irs Usd R 3ml/1ml+9.125 03/18/21-22 Cme	03-2022	27.05	27.05	-
⊕ Irs Usd R 3ml/1ml+9.125 03/18/21-22 Cme	03-2022	27.05	54.10	-
✱ CashOffSet	-	22.54	76.64	-
⊖ Fin Fut Uk 90day Ice (Red) 09/16/20	09-2020	20.60	97.24	-
⊖ Fin Fut Uk 90day Ice (Wht) 09/18/19	09-2019	20.59	117.83	-
⊕ EUROPEAN MONETARY UNION EURO_Pay	08-2019	17.56	135.39	-
⊕ EUROPEAN MONETARY UNION EURO_Receive	08-2019	17.55	152.94	-
⊕ Offset: Unsettled Trades	-	16.01	168.95	-
Irs Eur 0.25000 09/18/19-5y Lch	09-2024	13.81	182.76	-
⊕ Irs Eur 0.25000 09/18/19-5y Lch	09-2024	13.49	196.25	-

Total Holdings 1621

⊕ Increase ⊖ Decrease ✱ New to Portfolio

PIMCO Real Return Instl PRRIX

Morningstar Category
Inflation-Protected Bond

Morningstar Index
BBgBarc US Treasury US TIPS TR USD

Portfolio Manager(s)

Mihir Worah since 12-2007
Stephen Rodosky since 01-2019

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 11.76 years.

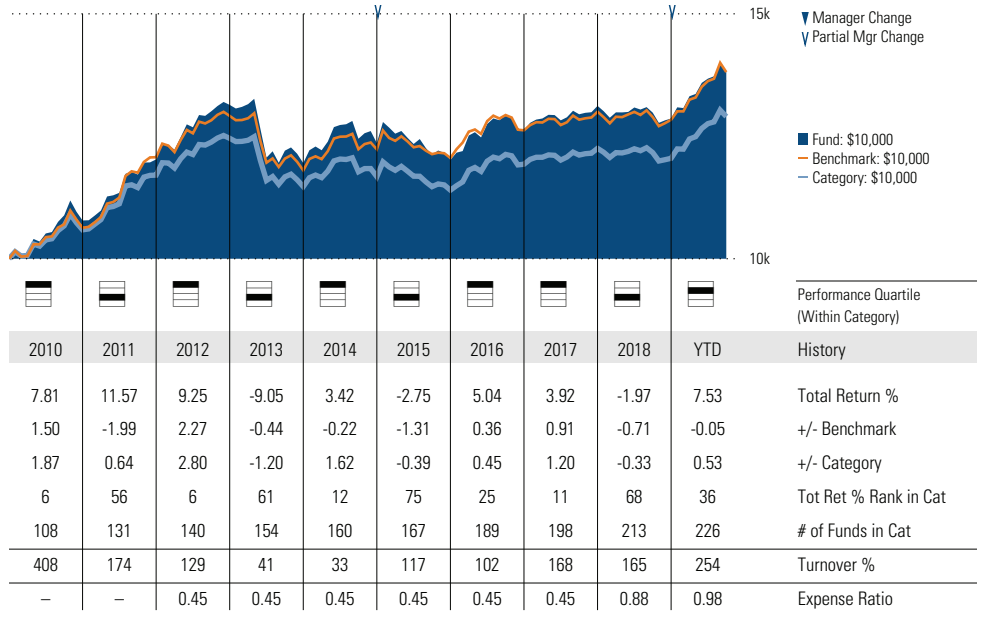
Style Consistency is not calculated for Fixed Income funds.

✘ **Net Expense:** The fund's expense ratio of 0.98 is 30.67% higher than the Inflation-Protected Bond category average.

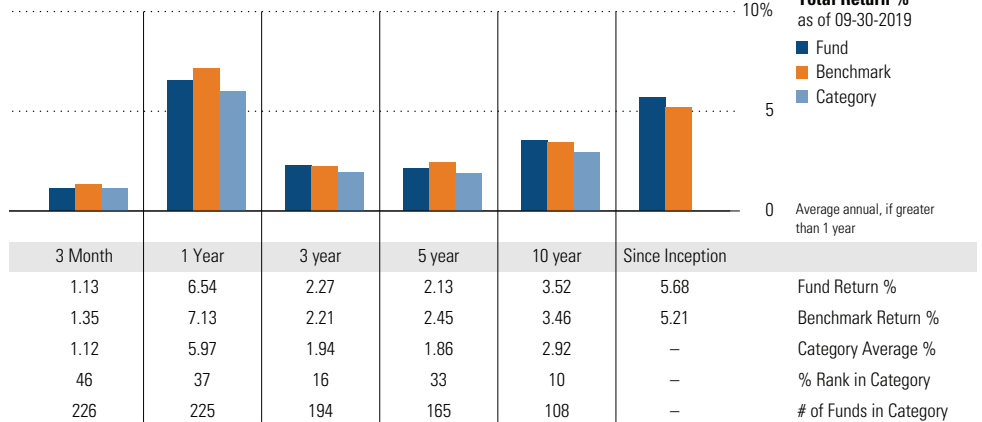
Morningstar Investment Management LLC Analysis

This fund fails our expense screen. However, that is due to reporting requirements concerning costs that are incurred by executing the strategy and are already reflected in the fund's pre-expense returns. Based on previous calculation rules, the fund's expenses are comparable with other offerings in its share class.

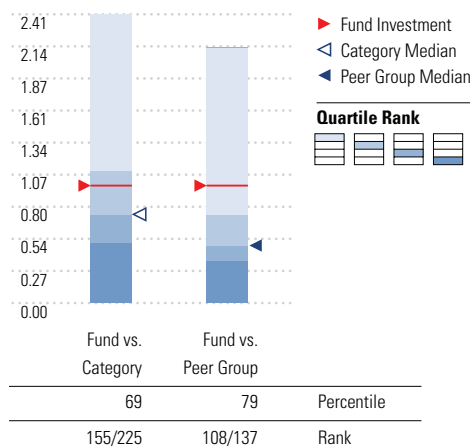
Growth of \$10,000



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	0.18	-	0.08
Beta	0.94	-	0.76
R-Squared	95.34	-	82.74
Standard Deviation	3.17	3.28	2.86
Sharpe Ratio	0.22	0.20	0.04
Tracking Error	0.71	-	1.46
Information Ratio	0.08	-	-0.63
Up Capture Ratio	95.42	-	76.67
Down Capture Ratio	90.89	-	74.77

Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	7.59	4.52	7.65
Avg Eff Maturity	8.16	-	8.87

PIMCO Real Return Instl PRRIX

Morningstar Category
Inflation-Protected Bond

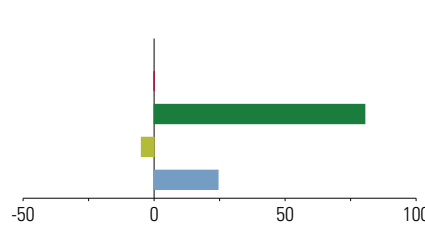
Morningstar Index
BBgBarc US Treasury US TIPS TR USD

Style Analysis as of 09-30-2019

Style Breakdown



Asset Allocation as of 09-30-2019

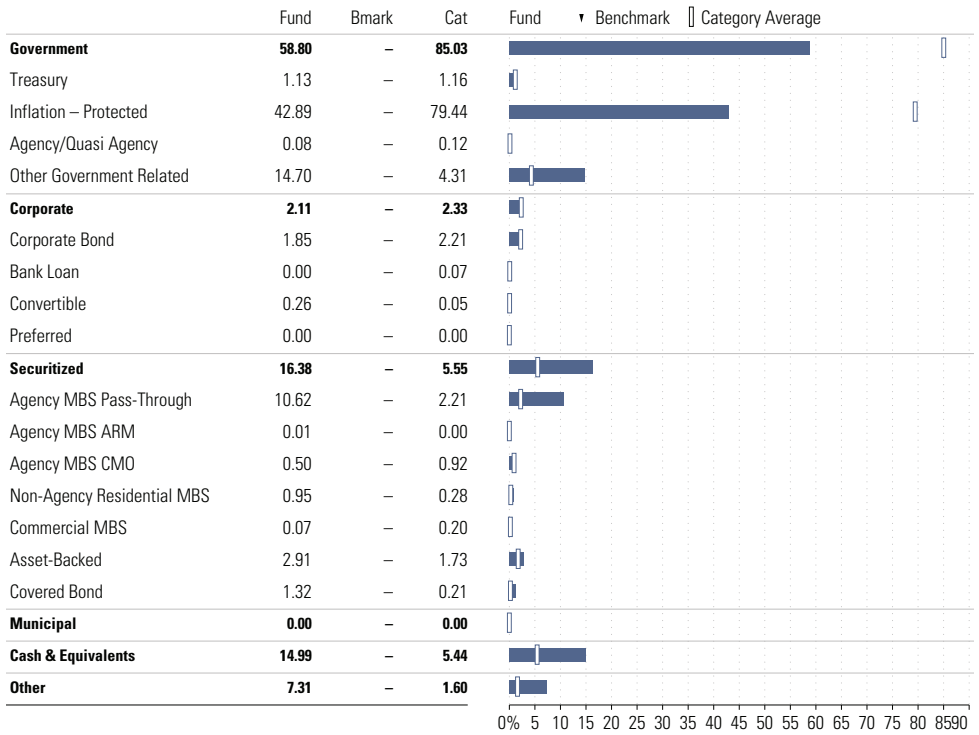


Asset Class	Net %	Cat%
US Stocks	0.00	0.01
Non-US Stocks	0.03	0.01
Bonds	80.43	97.96
Cash	-4.87	1.81
Other	24.41	0.21
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	49.00	0.00	84.12
AA	32.00	99.60	10.37
A	9.00	0.00	0.00
BBB	7.00	0.00	5.26
BB	1.00	0.00	0.00
B	1.00	0.00	0.00
Below B	1.00	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
⊕ Euro Schatz Sept19	09-2019	27.97	27.97	-
⊕ Offset: Unsettled Trades	-	18.30	46.27	-
⊕ Euro BUND Future Sept19	09-2019	15.59	61.86	-
⊕ Federal National Mortgage Association 3.5%	08-2049	7.97	69.83	-
⊖ United States Treasury Bonds 3.62%	04-2028	7.62	77.45	-
⊖ United States Treasury Notes 0.62%	01-2026	7.51	84.96	-
⊕ US 10 Year Note (CBT) Sept19	09-2019	7.23	92.20	-
⊕ Euro OAT Sept19	09-2019	7.09	99.29	-
⊕ United States Treasury Bonds 2.38%	01-2025	6.43	105.72	-
⊖ United States Treasury Bonds 3.88%	04-2029	5.85	111.57	-

Total Holdings 1085

⊕ Increase ⊖ Decrease ✱ New to Portfolio

PIMCO Short-Term Instl PTSHX

Morningstar Category
Ultrashort Bond

Morningstar Index
BBgBarc US Agg Bond TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 8.75 years.

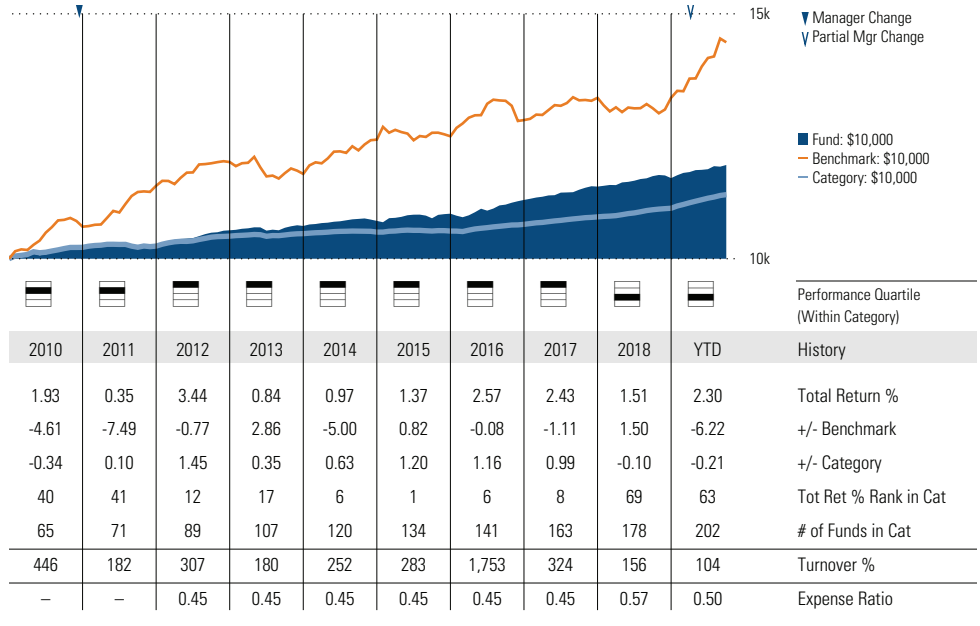
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.5 is 8.7% higher 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.

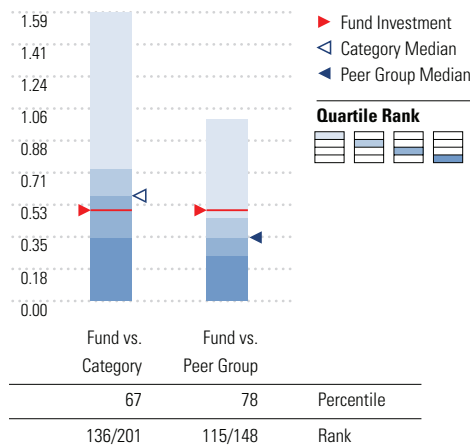
Growth of \$10,000



Trailing Performance



Net Expense



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	2.67	-	1.78
Beta	-0.11	-	0.04
R-Squared	26.76	-	22.18
Standard Deviation	0.70	3.35	0.43
Sharpe Ratio	0.99	0.41	0.72
Tracking Error	3.76	-	3.22
Information Ratio	-0.15	-	-0.31
Up Capture Ratio	16.15	-	22.90
Down Capture Ratio	-47.08	-	-18.90

Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	0.46	4.43	0.95
Avg Eff Maturity	1.20	-	1.94

PIMCO Short-Term Instl PTSHX

Morningstar Category
Ultrashort Bond

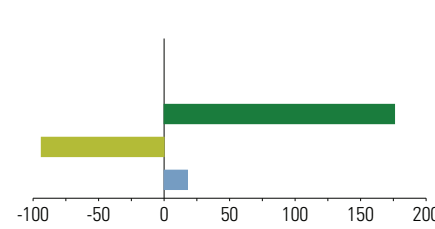
Morningstar Index
BBgBarc US Agg Bond TR USD

Style Analysis as of 09-30-2019

Style Breakdown



Asset Allocation as of 09-30-2019

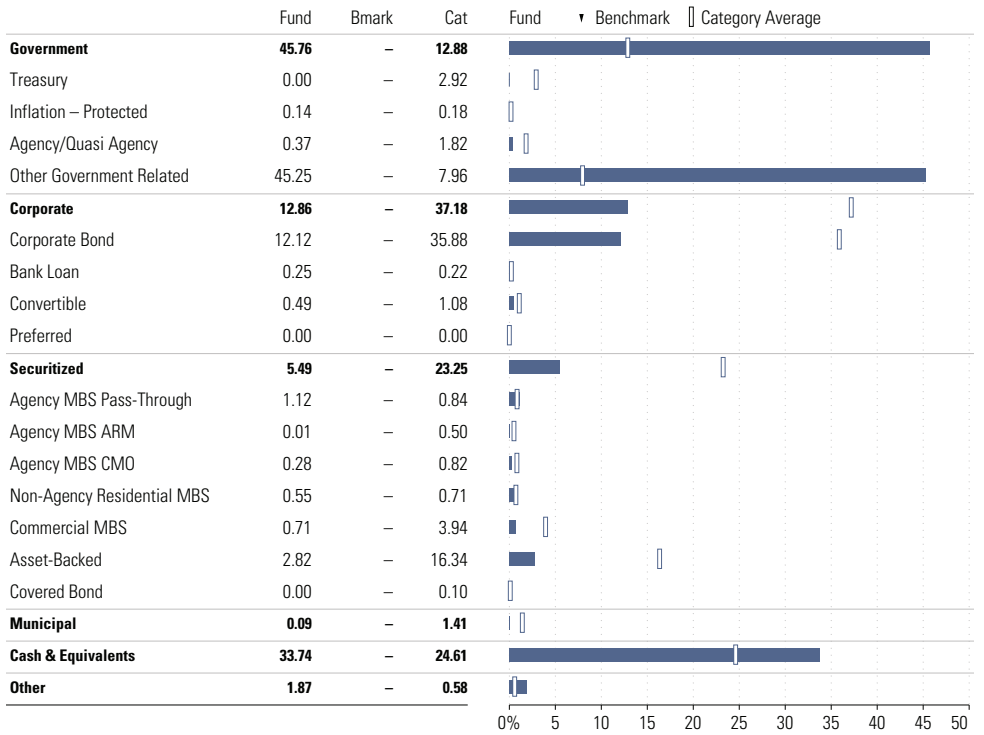


Asset Class	Net %	Cat%
US Stocks	0.00	0.01
Non-US Stocks	0.00	0.00
Bonds	175.91	77.26
Cash	-93.73	21.04
Other	17.82	1.69
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	28.00	3.53	34.16
AA	9.00	74.59	12.79
A	29.00	10.82	26.67
BBB	25.00	8.32	20.77
BB	7.00	0.28	1.54
B	2.00	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
Ois Usd Fedl01/2.336 12/18/19 Lch	03-2020	93.79	93.79	-
⊕ Ois Usd Fedl01/2.336 12/18/19 Lch	03-2020	93.62	187.41	-
⊕ 90 Day Eurodollar Future June20	06-2020	65.13	252.54	-
⊕ Irs Usd R 3ml/1ml+12.5 06/21/19-20 Cme	06-2020	59.55	312.10	-
⊕ Irs Usd R 3ml/1ml+12.5 06/21/19-20 Cme	06-2020	59.55	371.64	-
⊖ Ois Usd Fedl01/2.5 03/01/19 Lch	03-2020	50.07	421.71	-
⊕ Ois Usd Fedl01/2.5 03/01/19 Lch	03-2020	49.87	471.58	-
⊖ Ois Usd Fedl01/2.3 03/01/19 Lch	03-2022	37.12	508.69	-
⊕ Ois Usd Fedl01/2.3 03/01/19 Lch	03-2022	36.36	545.05	-
⊕ Fin Fut Euribor Ice (Grn) 03/14/22	03-2022	31.99	577.05	-

Total Holdings 1487

⊕ 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.

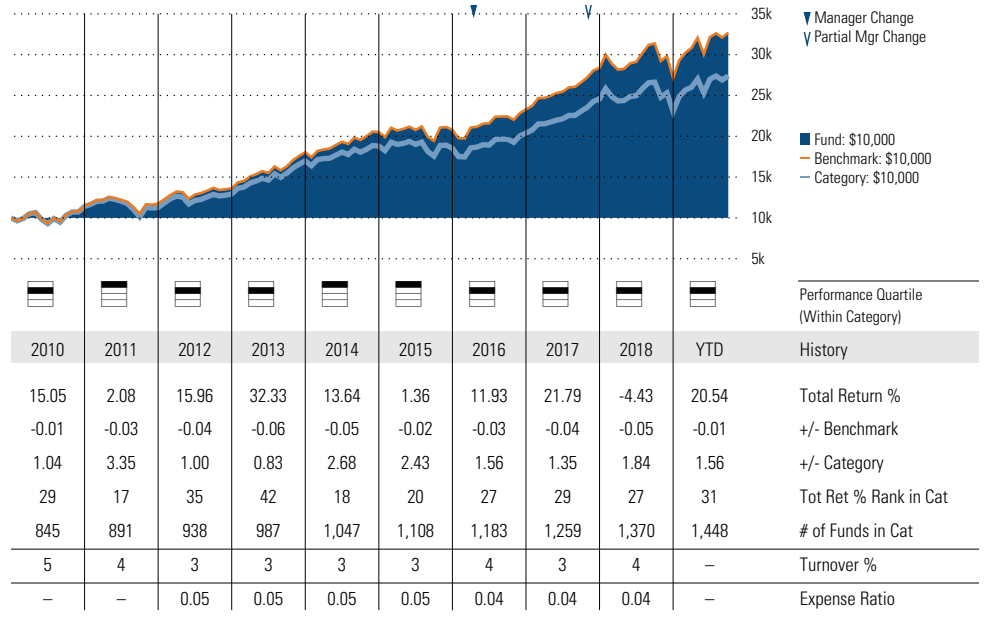
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

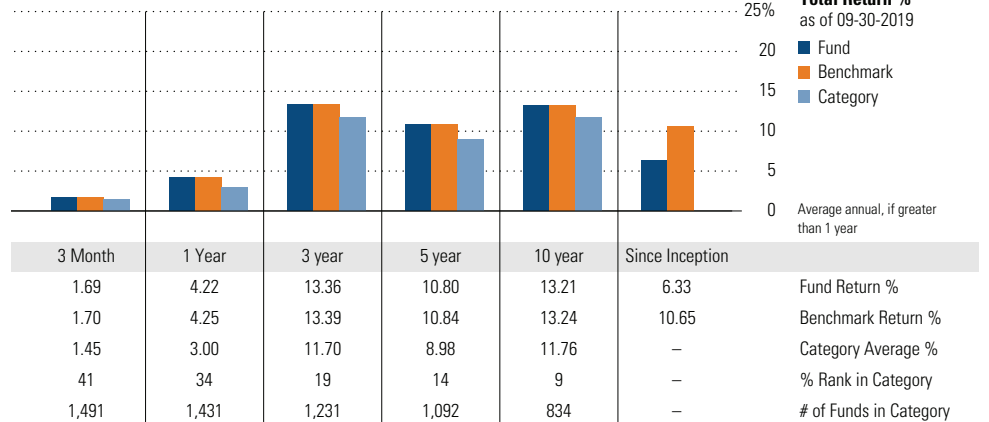
Morningstar Investment Management LLC Analysis

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.

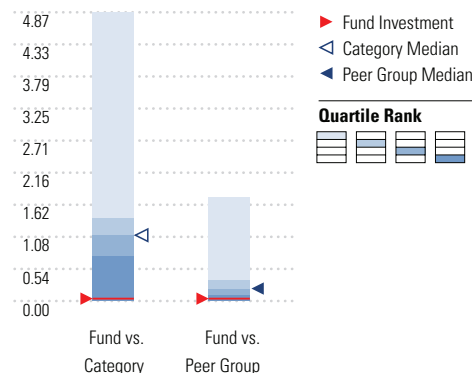
Growth of \$10,000



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

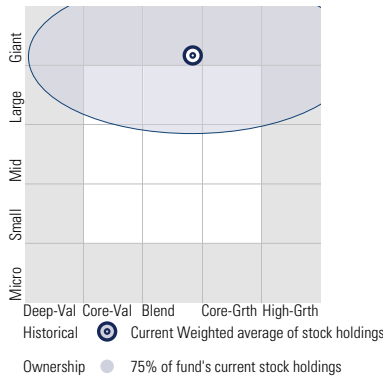
Vanguard 500 Index Admiral VFIAX

Morningstar Category
Large Blend

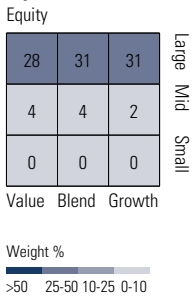
Morningstar Index
S&P 500 TR USD

Style Analysis as of 09-30-2019

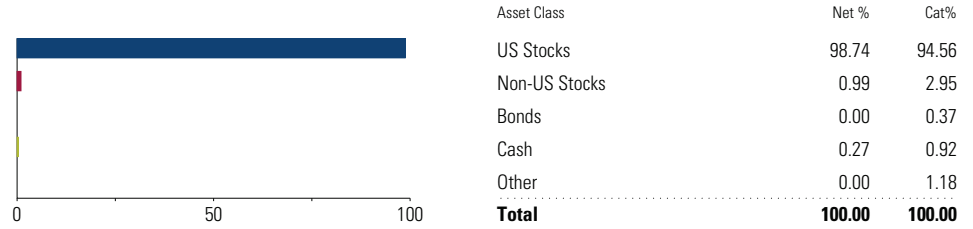
Morningstar Style Box™



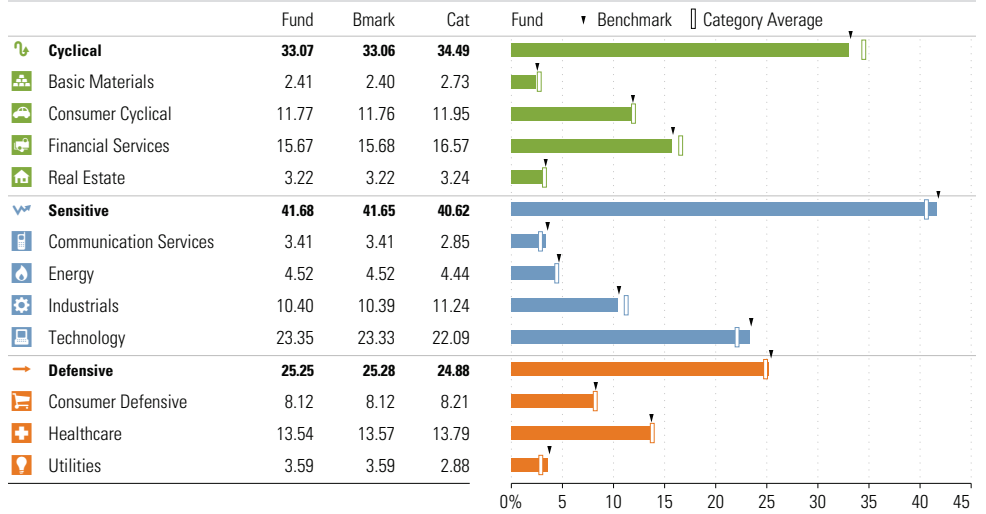
Style Breakdown



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 Developed Markets Index Admiral VTMGX

Morningstar Category
Foreign Large Blend

Morningstar Index
MSCI ACWI Ex USA NR USD

Portfolio Manager(s)

Christine Franquin since 02-2013

Michael Perre since 11-2017

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 6.61 years.

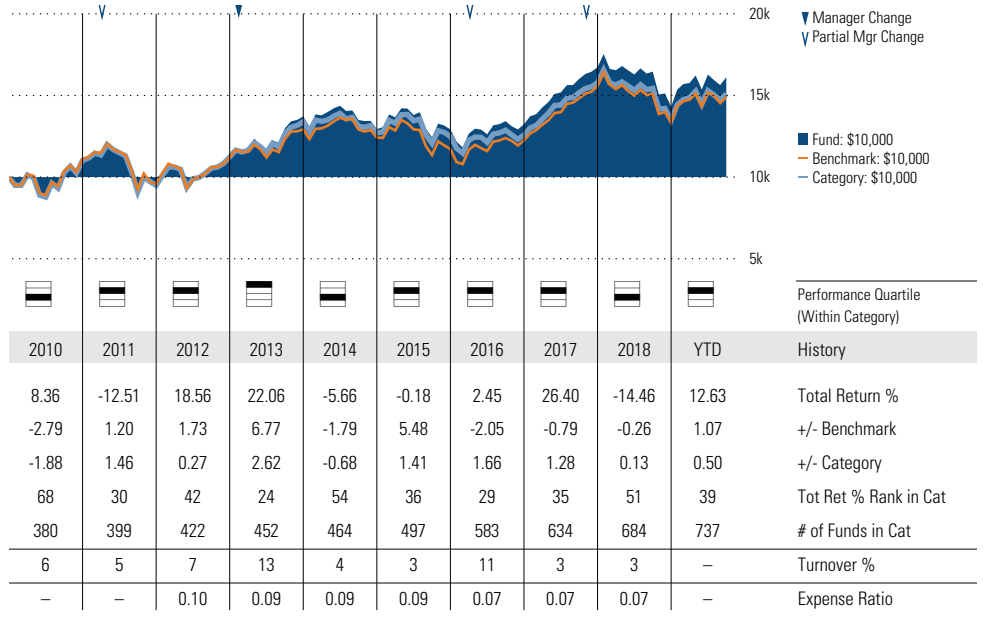
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.07 is 92.93% lower than the Foreign Large Blend category average.

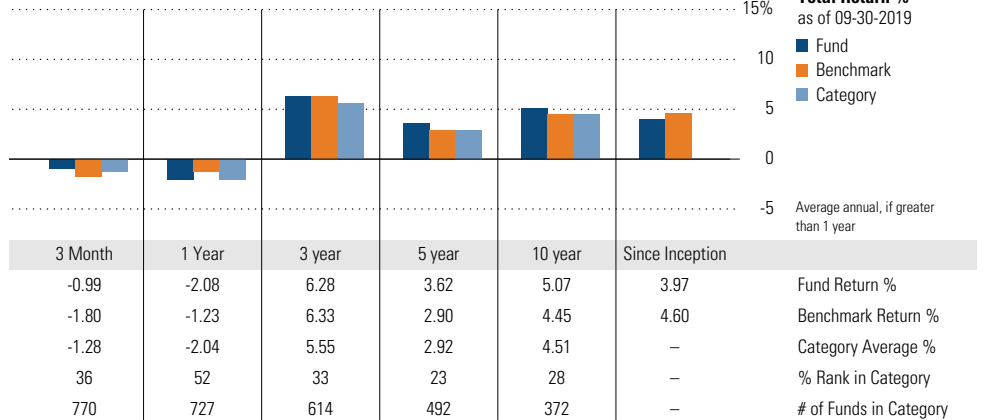
Morningstar Investment Management LLC Analysis

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

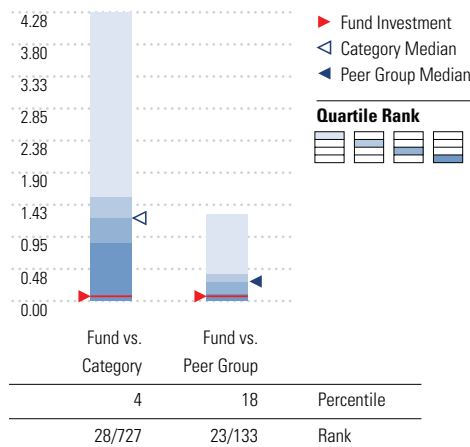
Growth of \$10,000



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	0.05	-	-0.78
Beta	0.99	-	0.98
R-Squared	97.28	-	92.53
Standard Deviation	11.44	11.45	11.70
Sharpe Ratio	0.45	0.45	0.37
Tracking Error	1.89	-	3.17
Information Ratio	-0.03	-	-0.32
Up Capture Ratio	97.83	-	94.57
Down Capture Ratio	97.30	-	99.17

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	15.17	14.87	15.67
Price/Book Ratio	1.49	1.57	1.66
Geom Avg Mkt Cap \$B	23.21	33.84	39.13
ROE	15.27	16.14	17.80

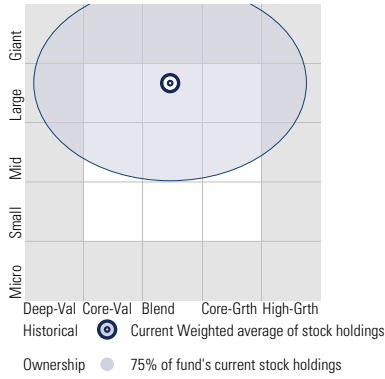
Vanguard Developed Markets Index Admiral VTMGX

Morningstar Category
Foreign Large Blend

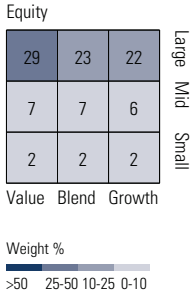
Morningstar Index
MSCI ACWI Ex USA NR USD

Style Analysis as of 09-30-2019

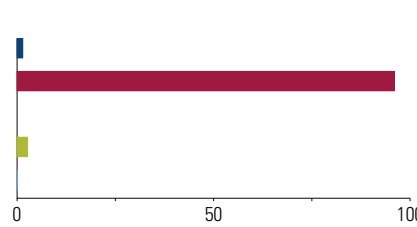
Morningstar Style Box™



Style Breakdown

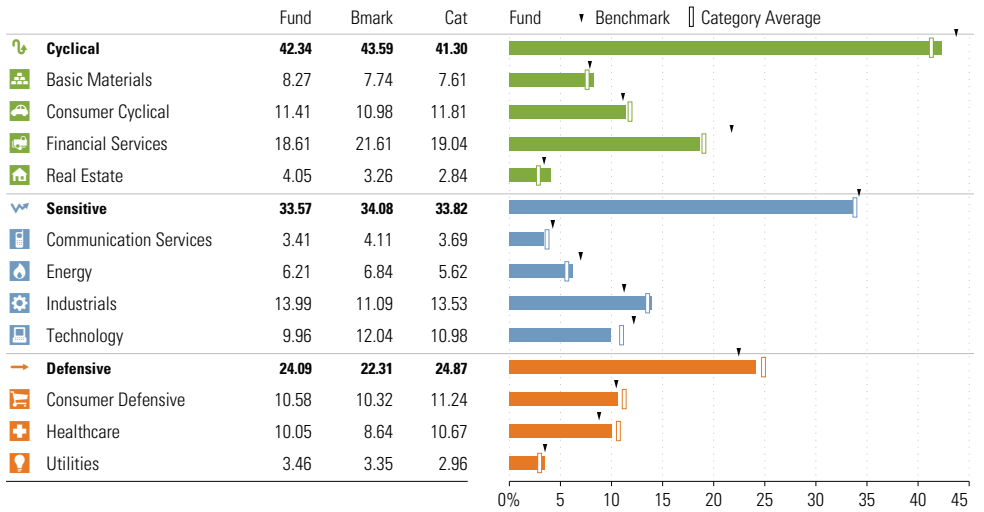


Asset Allocation as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	1.43	3.97
Non-US Stocks	95.96	93.13
Bonds	0.00	-0.32
Cash	2.56	2.53
Other	0.06	0.69
Total	100.00	100.00

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	36.69	36.43	Americas	10.36	8.45	Greater Europe	52.96	55.12	Developed Markets	98.69
Japan	22.29	19.66	North America	10.33	7.36	United Kingdom	13.89	14.36	Emerging Markets	1.31
Australasia	6.17	4.98	Central/Latin	0.03	1.09	W euro-ex UK	37.86	39.52	Not Available	0.00
Asia-4 Tigers	7.68	6.53				Emrgng Europe	0.72	0.44		
Asia-ex 4 Tigers	0.55	5.26				Africa	0.49	0.80		
Not Classified	0.00	0.00								

Top 10 Holdings as of 09-30-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Cmt Market Liquidity Rate	2.46	2.46	-	-
⊖ Nestle SA	1.68	4.14	38.76	Consumer Defensive
⊕ Roche Holding AG Dividend Right Cert.	1.08	5.22	22.90	Healthcare
⊖ Novartis AG	1.00	6.22	18.28	Healthcare
Samsung Electronics Co Ltd	0.96	7.18	-	Technology
⊕ Toyota Motor Corp	0.90	8.07	14.52	Consumer Cyclical
⊕ HSBC Holdings PLC	0.83	8.90	1.47	Financial Services
⊕ BP PLC	0.67	9.58	8.87	Energy
⊖ Royal Dutch Shell PLC Class A	0.67	10.25	8.12	Energy
Total SA	0.67	10.92	7.89	Energy

Total Holdings 3951

⊕ 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

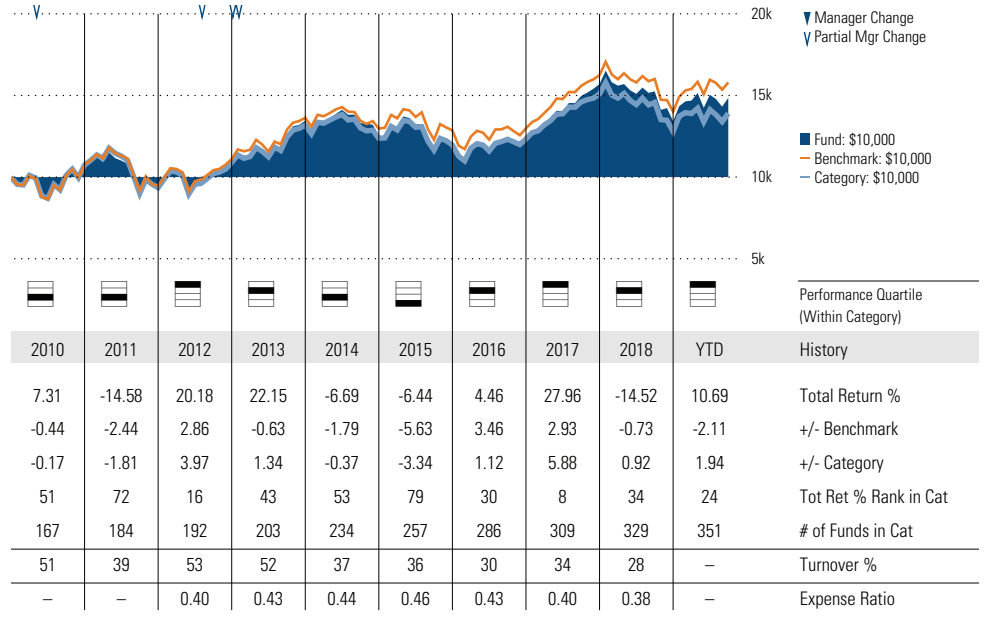
✔ **Performance:** The fund has finished in the Foreign Large Value category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **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.

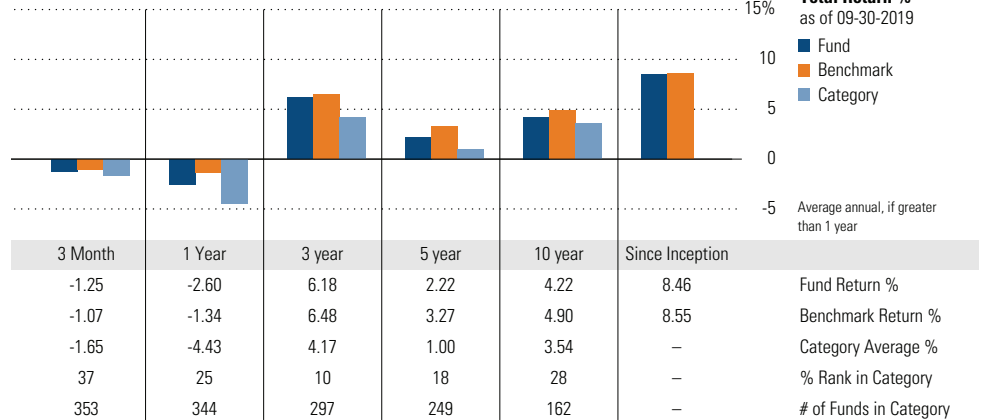
Growth of \$10,000



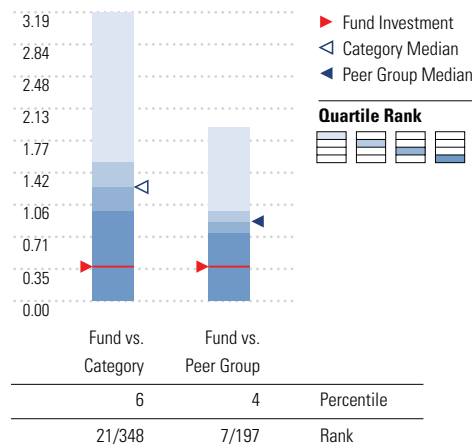
Morningstar Investment Management LLC Analysis

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

Metric	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

Metric	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

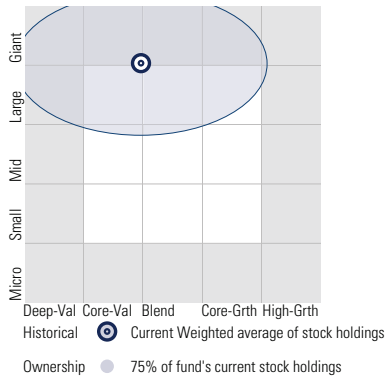
Vanguard International Value Inv VTRIX

Morningstar Category
Foreign Large Value

Morningstar Index
MSCI EAFE NR USD

Style Analysis as of 09-30-2019

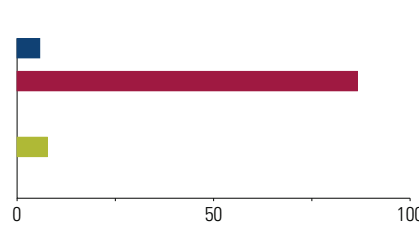
Morningstar Style Box™



Style Breakdown

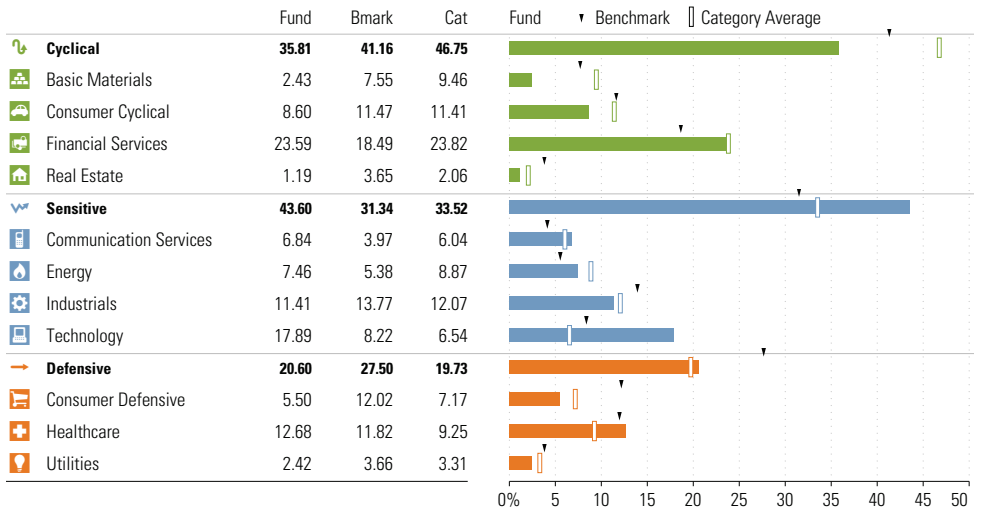


Asset Allocation as of 09-30-2019



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
Total	100.00	100.00

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 LifeStrategy Cnsvr Gr Inv VSCGX

Morningstar Category
Allocation--30% to 50%
Equity

Morningstar Index
Morningstar Mod Con Tgt Risk TR USD

Portfolio Manager(s)

Management Team since 09-1994

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 25.02 years.

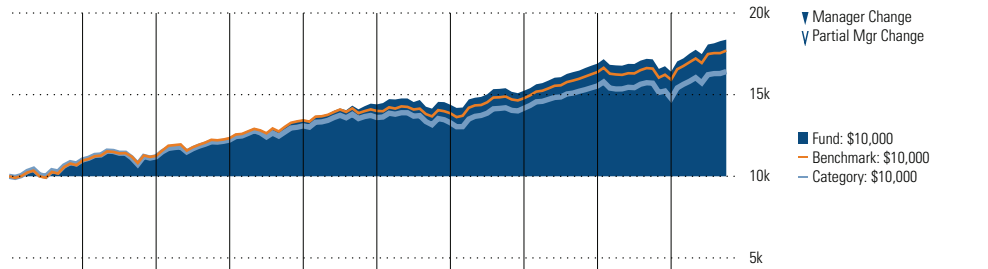
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.12 is 88.89% lower than the Allocation--30% to 50% Equity category average.

Morningstar Investment Management LLC Analysis

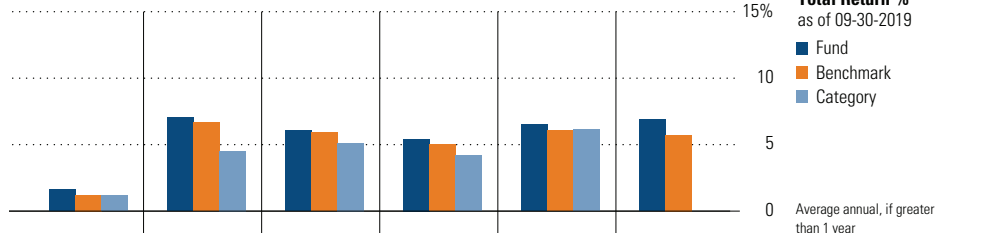
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

Growth of \$10,000



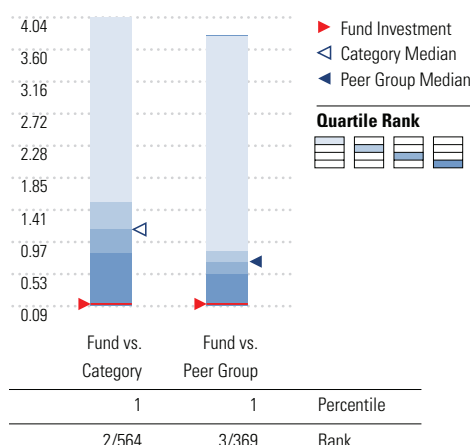
2010	2011	2012	2013	2014	2015	2016	2017	2018	YTD	Performance Quartile (Within Category)
11.14	1.76	9.19	9.08	6.95	-0.17	5.96	10.92	-2.95	11.99	History
1.49	-0.84	-0.47	0.25	2.65	0.86	-0.70	0.06	-0.09	0.80	Total Return %
1.11	0.06	-0.21	1.85	2.93	2.15	-0.66	1.06	2.09	0.83	+/- Benchmark
32	48	57	33	9	12	54	30	14	32	+/- Category
270	296	328	365	383	428	478	512	550	565	Tot Ret % Rank in Cat
15	46	15	19	15	16	9	6	11	-	# of Funds in Cat
-	-	-	-	-	-	-	-	-	-	Turnover %
-	-	-	-	-	-	-	-	-	-	Expense Ratio

Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	Total Return % as of 09-30-2019
1.65	7.04	6.07	5.43	6.53	6.87	Fund Return %
1.22	6.64	5.94	5.00	6.09	5.73	Benchmark Return %
1.19	4.52	5.13	4.18	6.16	-	Category Average %
23	17	22	14	29	-	% Rank in Category
572	561	498	402	267	-	# of Funds in Category

Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.15	-	-1.20
Beta	1.00	-	1.09
R-Squared	98.36	-	88.20
Standard Deviation	4.75	4.72	5.56
Sharpe Ratio	0.93	0.91	0.67
Tracking Error	0.61	-	2.06
Information Ratio	0.21	-	-0.46
Up Capture Ratio	99.37	-	98.45
Down Capture Ratio	95.20	-	114.16

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.61	16.99	18.32
Price/Book Ratio	2.17	2.04	2.47
Avg Eff Duration	6.87	-	4.20

Vanguard LifeStrategy Cnsvr Gr Inv VSCGX

Morningstar Category
Allocation--30% to 50%

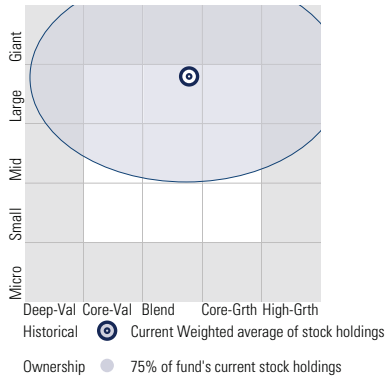
Morningstar Index

Morningstar Mod Con Tgt Risk TR USD

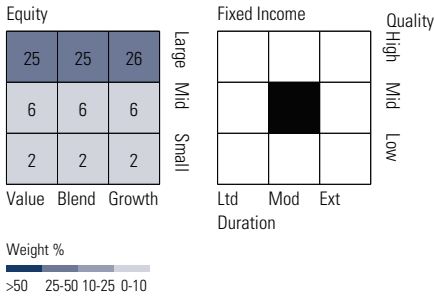
Equity

Style Analysis as of 09-30-2019

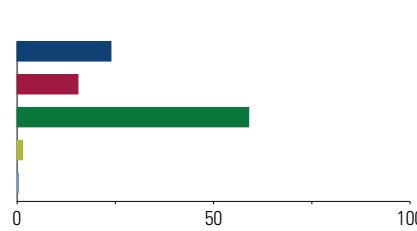
Morningstar Style Box™



Style Breakdown

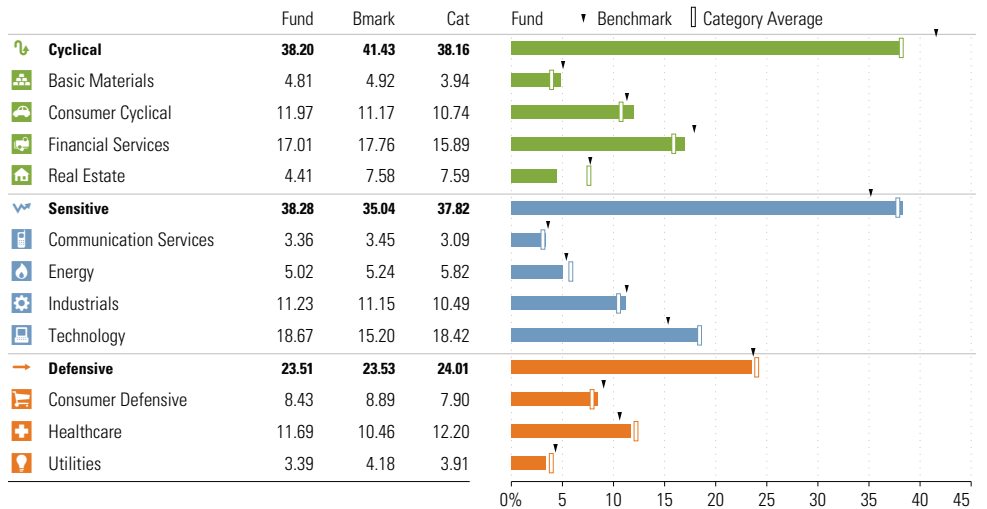


Asset Allocation as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	23.88	26.93
Non-US Stocks	15.48	8.64
Bonds	58.93	53.41
Cash	1.36	7.33
Other	0.36	3.66
Total	100.00	100.00

Sector Weighting as of 09-30-2019



Top 5 Holdings as of 09-30-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Bond Market II Idx Inv	—	42.04	42.04	—	—
⊖ Vanguard Total Stock Mkt Idx Inv	—	24.10	66.14	—	—
⊕ Vanguard Total Intl Bd Idx Investor	—	17.93	84.07	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	15.88	99.95	—	—
⊕ Cmt Market Liquidity Rate	—	0.05	100.00	—	—

Total Holdings 5

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard LifeStrategy Growth Inv VASGX

Morningstar Category
Allocation--70% to 85%
Equity

Morningstar Index
Morningstar Mod Agg Tgt Risk TR USD

Portfolio Manager(s)

Management Team since 09-1994

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 25.02 years.

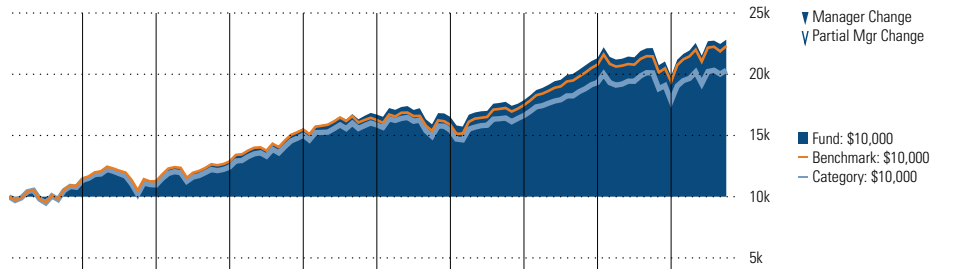
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.14 is 87.72% lower than the Allocation--70% to 85% Equity category average.

Morningstar Investment Management LLC Analysis

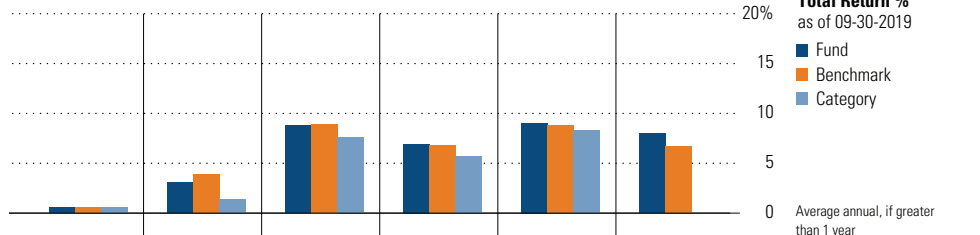
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

Growth of \$10,000



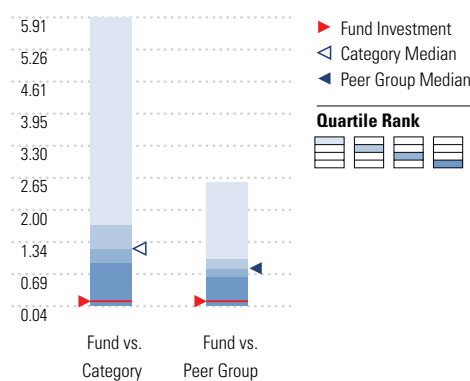
Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	YTD	Performance Quartile (Within Category)
15.06	-2.28	14.38	21.20	7.18	-1.17	8.33	19.21	-6.90	15.00	Total Return %	History
0.14	-0.35	0.05	1.02	2.21	1.23	-1.88	0.32	-0.16	-0.04	+/- Benchmark	
1.57	1.52	0.96	-0.11	1.47	1.60	0.40	3.41	1.03	0.67	+/- Category	
22	34	37	53	20	30	34	20	34	40	Tot Ret % Rank in Cat	
199	206	227	252	263	280	301	311	334	341	# of Funds in Cat	
11	22	10	9	10	13	5	6	10	-	Turnover %	
-	-	-	-	-	-	-	-	-	-	Expense Ratio	

Trailing Performance



Period	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Total Return % as of 09-30-2019
Fund Return %	0.56	3.10	8.75	6.93	9.05	7.97	Fund
Benchmark Return %	0.59	3.91	8.95	6.79	8.80	6.68	Benchmark
Category Average %	0.53	1.33	7.55	5.66	8.26	-	Category
% Rank in Category	40	24	24	22	26	-	
# of Funds in Category	346	339	311	279	198	-	

Net Expense



Comparison	1	2	Percentile
Fund vs. Category	4/345		Rank
Fund vs. Peer Group		4/234	Rank

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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.25	-	-1.56
Beta	1.01	-	1.02
R-Squared	99.49	-	93.14
Standard Deviation	9.17	9.07	9.67
Sharpe Ratio	0.79	0.81	0.64
Tracking Error	0.66	-	2.51
Information Ratio	-0.31	-	-0.65
Up Capture Ratio	99.46	-	94.65
Down Capture Ratio	101.16	-	106.15

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.61	16.85	19.09
Price/Book Ratio	2.17	1.99	2.50
Avg Eff Duration	6.87	-	4.69

Vanguard LifeStrategy Growth Inv VASGX

Morningstar Category
Allocation--70% to 85%

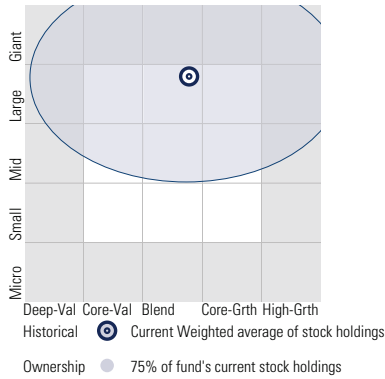
Morningstar Index

Morningstar Mod Agg Tgt Risk TR USD

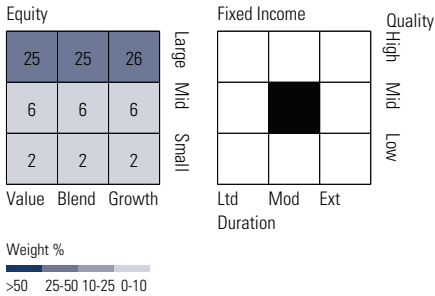
Equity

Style Analysis as of 09-30-2019

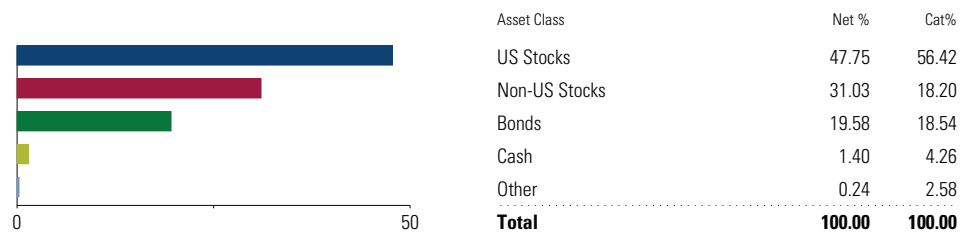
Morningstar Style Box™



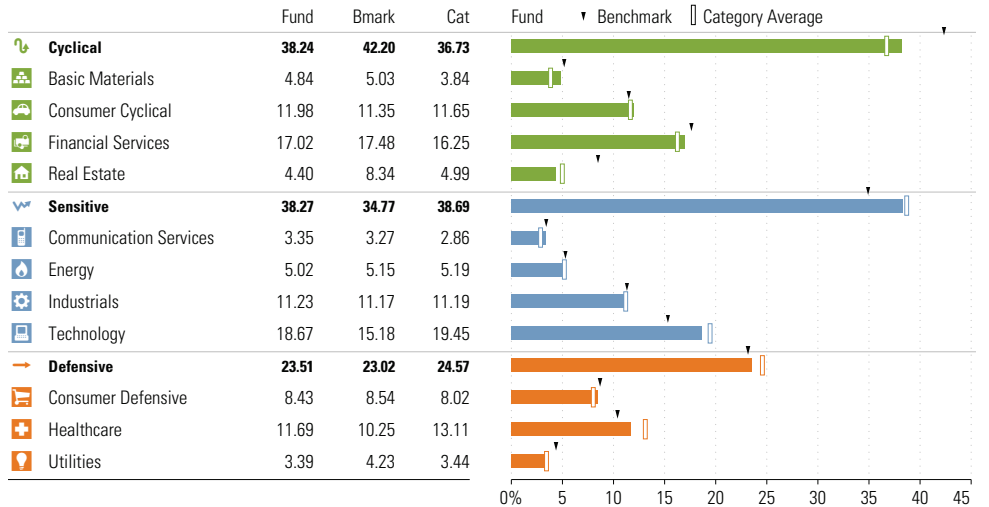
Style Breakdown



Asset Allocation as of 09-30-2019



Sector Weighting as of 09-30-2019



Top 5 Holdings as of 09-30-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	—	48.18	48.18	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	31.85	80.03	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	13.91	93.94	—	—
⊕ Vanguard Total Intl Bd Idx Investor	—	6.02	99.95	—	—
⊕ Cmt Market Liquidity Rate	—	0.05	100.00	—	—

Total Holdings 5

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard LifeStrategy Income Inv VASIX

Morningstar Category
Allocation--15% to 30%
Equity

Morningstar Index
Morningstar Mod Tgt Risk TR USD

Portfolio Manager(s)

Management Team since 09-1994

Quantitative Screens

✔ **Performance:** The fund has finished in the Allocation--15% to 30% Equity category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 25.02 years.

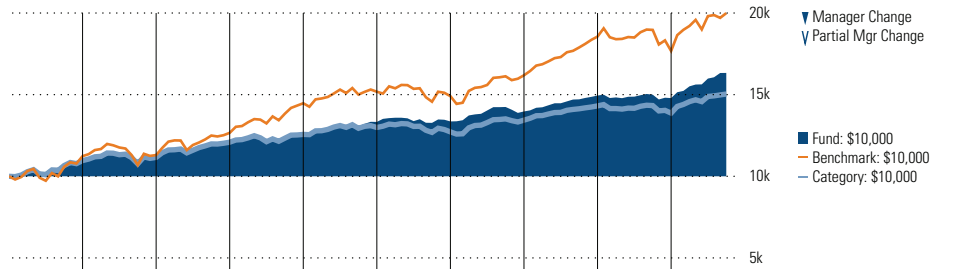
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.11 is 89% lower than the Allocation--15% to 30% Equity category average.

Morningstar Investment Management LLC Analysis

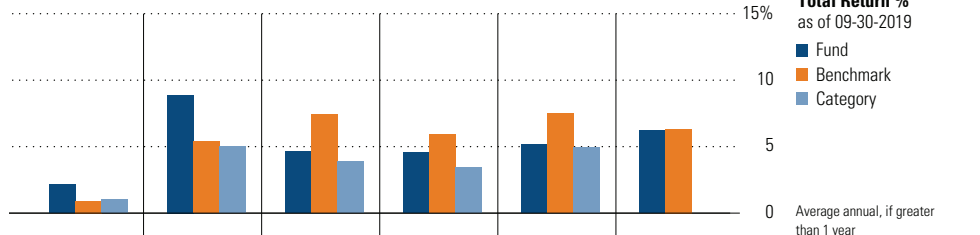
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

Growth of \$10,000



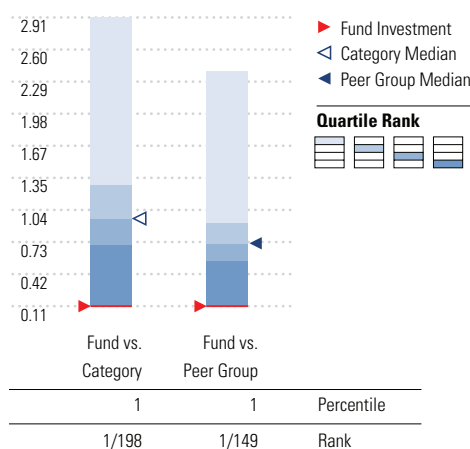
	2010	2011	2012	2013	2014	2015	2016	2017	2018	YTD	Performance Quartile (Within Category)
	9.22	3.77	6.54	3.40	6.76	0.22	4.58	6.98	-1.05	10.42	History
	-3.11	3.18	-5.50	-10.91	1.87	2.01	-3.99	-7.68	3.71	-2.69	Total Return %
	-0.51	1.76	-1.81	-0.62	3.22	2.29	-0.97	0.73	2.09	1.68	+/- Benchmark
	54	15	78	68	4	8	65	49	11	22	+/- Category
	90	100	121	138	143	157	169	182	191	199	Tot Ret % Rank in Cat
	9	43	8	25	12	14	4	4	9	-	# of Funds in Cat
	-	-	-	-	-	-	-	-	-	-	Turnover %
	-	-	-	-	-	-	-	-	-	-	Expense Ratio

Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	
	2.16	8.89	4.66	4.57	5.17	6.24	Fund Return %
	0.92	5.41	7.43	5.91	7.51	6.32	Benchmark Return %
	1.02	5.00	3.86	3.41	4.94	-	Category Average %
	7	5	19	10	42	-	% Rank in Category
	202	195	179	151	87	-	# of Funds in Category

Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	2.11	-	0.51
Beta	0.34	-	0.47
R-Squared	52.68	-	77.76
Standard Deviation	3.16	6.80	3.60
Sharpe Ratio	0.96	0.85	0.66
Tracking Error	5.00	-	4.02
Information Ratio	-0.55	-	-0.86
Up Capture Ratio	42.34	-	46.75
Down Capture Ratio	17.00	-	37.93

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.57	16.75	18.43
Price/Book Ratio	2.16	1.98	2.35
Avg Eff Duration	6.86	-	4.90

Vanguard LifeStrategy Income Inv VASIX

Morningstar Category
Allocation--15% to 30%

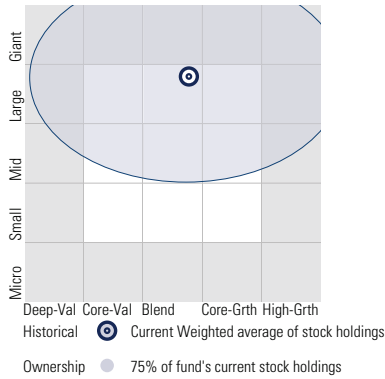
Morningstar Index

Morningstar Mod Tgt Risk TR USD

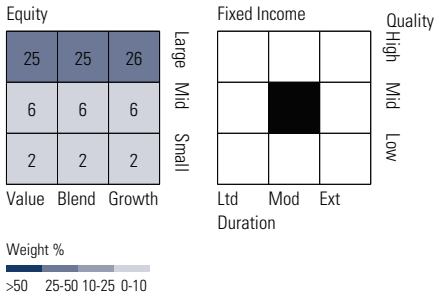
Equity

Style Analysis as of 09-30-2019

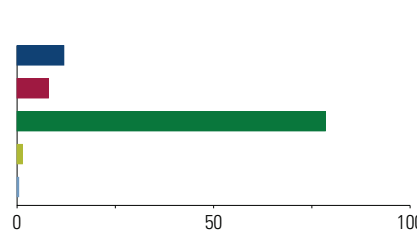
Morningstar Style Box™



Style Breakdown

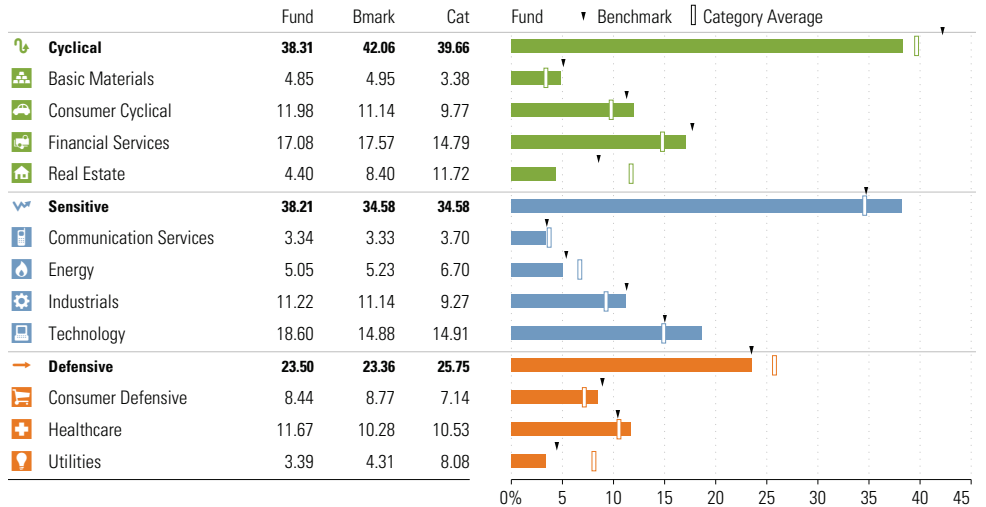


Asset Allocation as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	11.88	11.75
Non-US Stocks	7.96	3.99
Bonds	78.41	71.04
Cash	1.34	9.97
Other	0.40	3.25
Total	100.00	100.00

Sector Weighting as of 09-30-2019



Top 5 Holdings as of 09-30-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Bond Market II Idx Inv	—	56.04	56.04	—	—
⊕ Vanguard Total Intl Bd Idx Investor	—	23.75	79.78	—	—
⊖ Vanguard Total Stock Mkt Idx Inv	—	11.99	91.77	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	8.18	99.95	—	—
⊖ Cmt Market Liquidity Rate	—	0.05	100.00	—	—

Total Holdings 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard LifeStrategy Moderate Gr Inv VSMGX

Morningstar Category
Allocation--50% to 70%
Equity

Morningstar Index
Morningstar Mod Tgt Risk TR USD

Portfolio Manager(s)

Management Team since 09-1994

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 25.02 years.

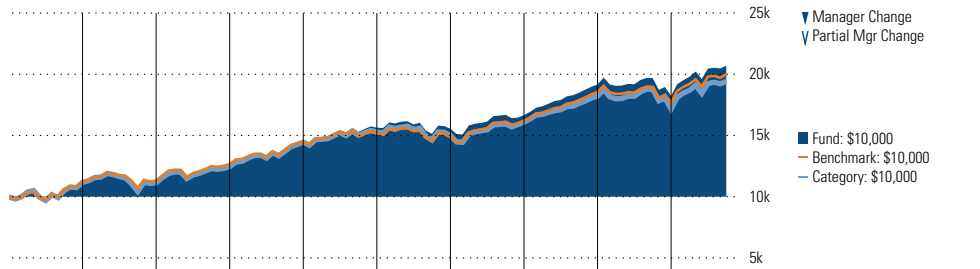
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.13 is 87.96% lower than the Allocation--50% to 70% Equity category average.

Morningstar Investment Management LLC Analysis

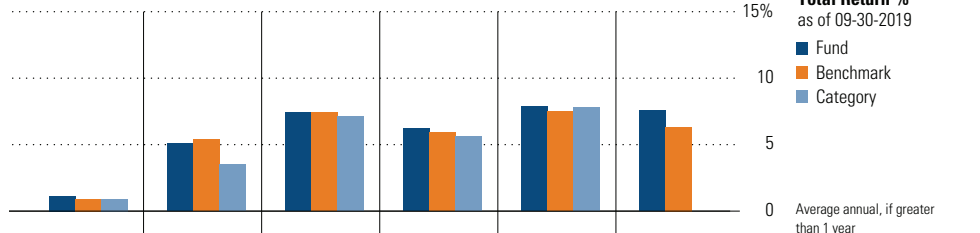
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

Growth of \$10,000



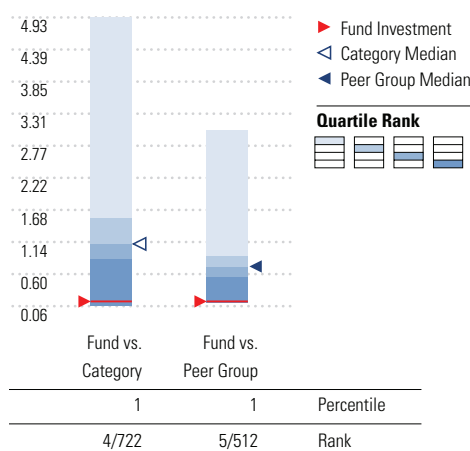
2010	2011	2012	2013	2014	2015	2016	2017	2018	YTD	Performance Quartile (Within Category)
13.31	0.26	11.76	15.04	7.07	-0.57	7.13	15.04	-4.91	13.52	History
0.98	-0.33	-0.28	0.73	2.18	1.22	-1.44	0.38	-0.15	0.41	Total Return %
1.48	0.37	0.04	-1.44	0.86	1.36	-0.21	1.83	0.85	0.10	+/- Benchmark
24	45	56	68	38	32	42	26	39	52	+/- Category
434	454	481	547	561	585	641	662	706	718	Tot Ret % Rank in Cat
17	32	15	15	12	16	9	6	12	-	# of Funds in Cat
-	-	-	-	-	-	-	-	-	-	Turnover %
-	-	-	-	-	-	-	-	-	-	Expense Ratio

Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	Total Return % as of 09-30-2019
1.13	5.09	7.44	6.23	7.88	7.56	Fund Return %
0.92	5.41	7.43	5.91	7.51	6.32	Benchmark Return %
0.92	3.53	7.13	5.60	7.80	-	Category Average %
36	28	40	33	46	-	% Rank 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	-0.05	-	-0.84
Beta	1.01	-	1.07
R-Squared	99.19	-	91.79
Standard Deviation	6.88	6.80	7.65
Sharpe Ratio	0.84	0.85	0.73
Tracking Error	0.62	-	2.29
Information Ratio	0.01	-	-0.21
Up Capture Ratio	99.91	-	102.61
Down Capture Ratio	99.70	-	111.49

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.61	16.75	18.72
Price/Book Ratio	2.17	1.98	2.51
Avg Eff Duration	6.88	-	4.83

Vanguard LifeStrategy Moderate Gr Inv VSMGX

Morningstar Category
Allocation--50% to 70%

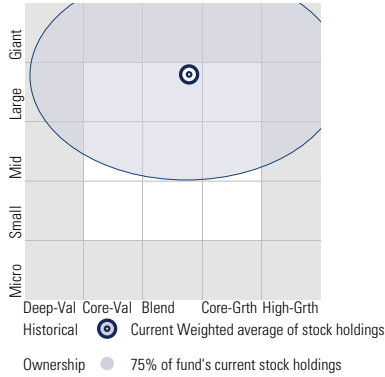
Morningstar Index

Morningstar Mod Tgt Risk TR USD

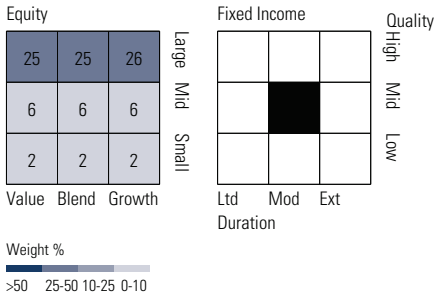
Equity

Style Analysis as of 09-30-2019

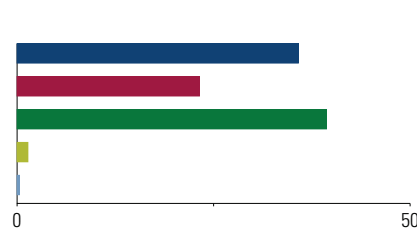
Morningstar Style Box™



Style Breakdown

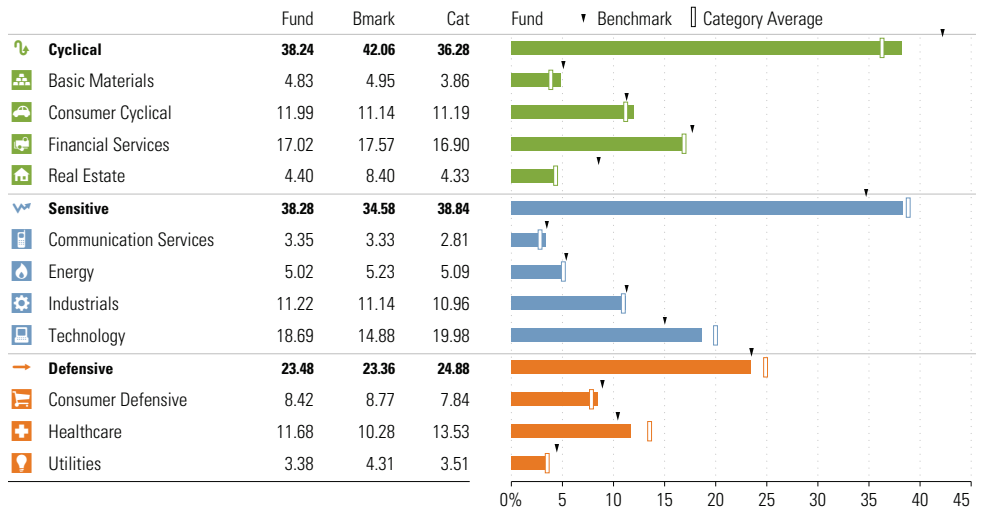


Asset Allocation as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	35.78	45.96
Non-US Stocks	23.20	12.50
Bonds	39.36	34.50
Cash	1.37	5.14
Other	0.29	1.91
Total	100.00	100.00

Sector Weighting as of 09-30-2019



Top 5 Holdings as of 09-30-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	—	36.10	36.10	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	27.97	64.07	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	23.81	87.88	—	—
⊕ Vanguard Total Intl Bd Idx Investor	—	12.08	99.96	—	—
⊖ Cmt Market Liquidity Rate	—	0.04	100.00	—	—

Total Holdings 5

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard Mid-Cap Growth Index Admiral VMGMX

Morningstar Category
Mid-Cap Growth

Morningstar Index
Russell Mid Cap Growth TR USD

Portfolio Manager(s)

Donald Butler since 02-2013
Michael Johnson since 04-2016

Quantitative Screens

✔ **Performance:** The fund has finished in the Mid-Cap 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 6.61 years.

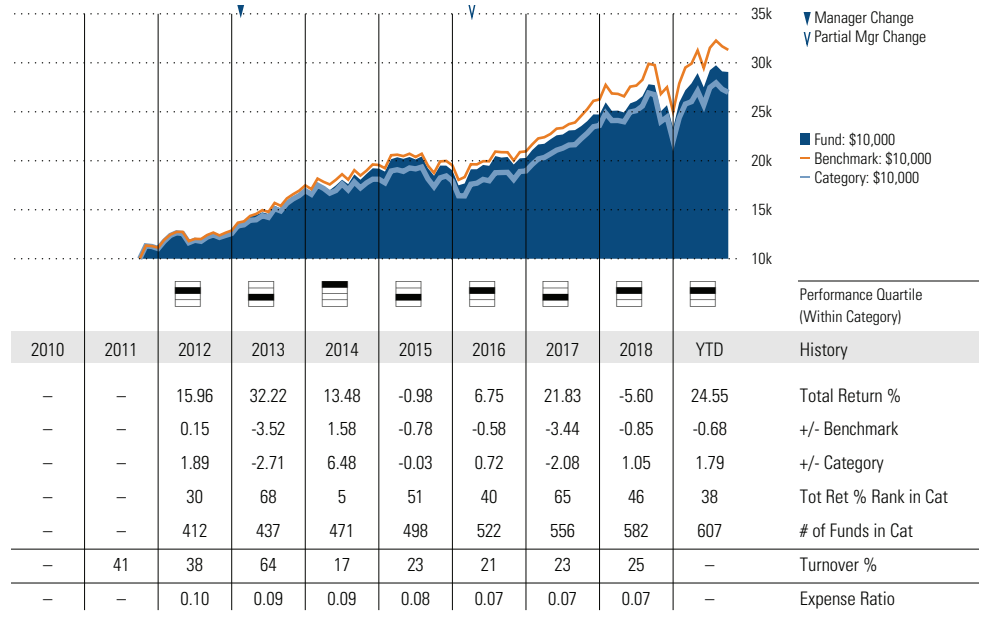
✔ **Style:** The fund has landed in its primary style box — Mid-Cap Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.07 is 93.91% lower than the Mid-Cap Growth category average.

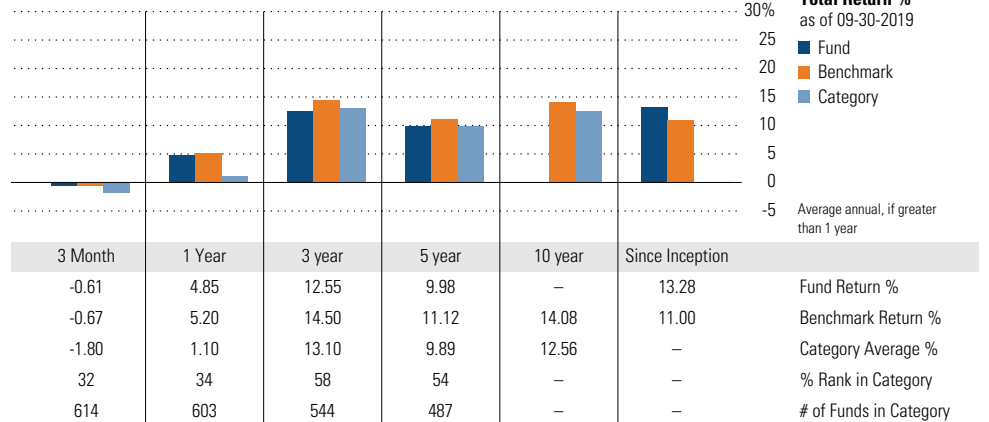
Morningstar Investment Management LLC Analysis

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

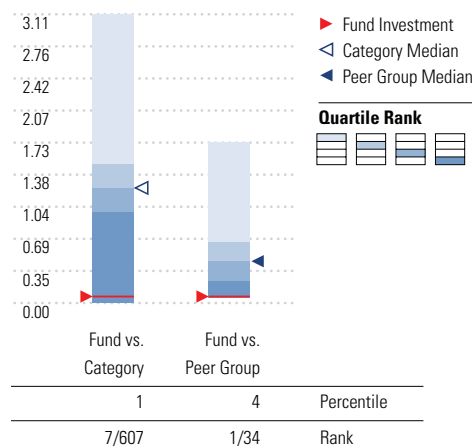
Growth of \$10,000



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	-0.87	-	-0.54
Beta	0.93	-	0.99
R-Squared	98.27	-	90.62
Standard Deviation	13.54	14.38	15.09
Sharpe Ratio	0.83	0.91	0.83
Tracking Error	2.02	-	4.64
Information Ratio	-0.96	-	-0.30
Up Capture Ratio	90.33	-	97.41
Down Capture Ratio	93.94	-	100.52

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	29.92	25.90	30.85
Price/Book Ratio	4.45	6.19	4.91
Geom Avg Mkt Cap \$B	17.41	15.25	13.31
ROE	16.03	24.20	16.48

Vanguard Mid-Cap Growth Index Admiral VMGMX

Morningstar Category

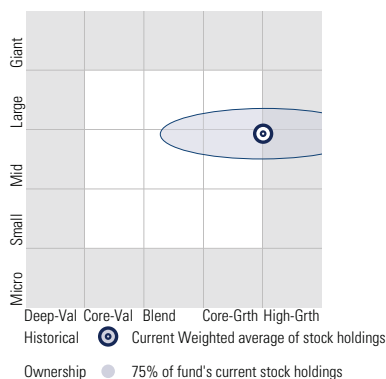
Mid-Cap Growth

Morningstar Index

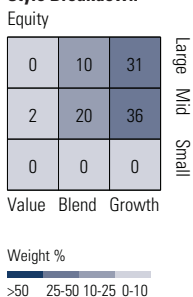
Russell Mid Cap Growth TR USD

Style Analysis as of 09-30-2019

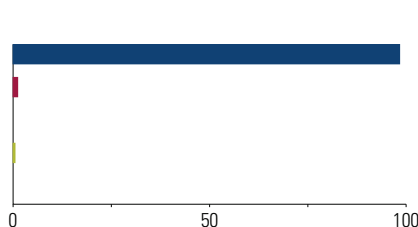
Morningstar Style Box™



Style Breakdown

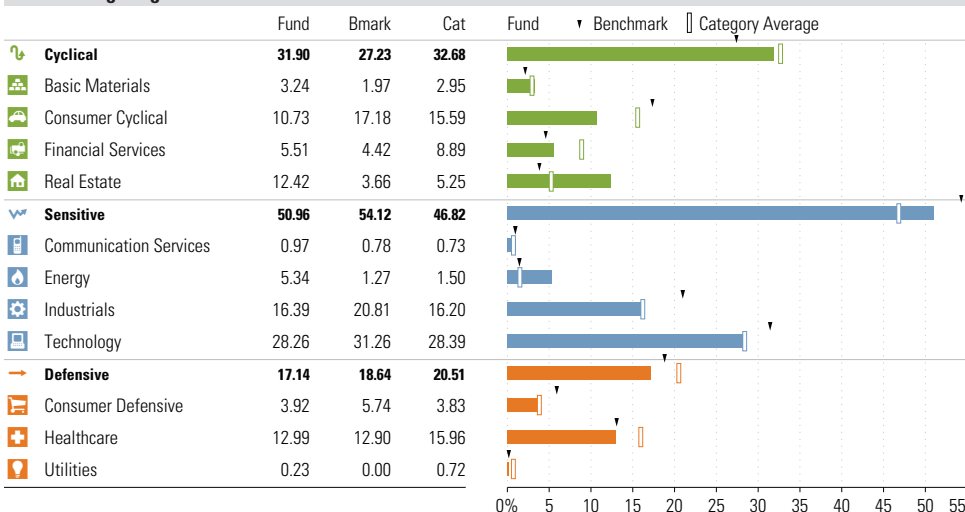


Asset Allocation as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	98.35	92.66
Non-US Stocks	1.16	4.06
Bonds	0.00	0.03
Cash	0.48	2.95
Other	0.00	0.30
Total	100.00	100.00

Sector Weighting as of 09-30-2019



Top 15 Holdings as of 09-30-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Advanced Micro Devices Inc	1.51	1.51	57.04	Technology
⊕ ONEOK Inc	1.46	2.97	41.44	Energy
⊕ Twitter Inc	1.45	4.42	43.35	Technology
⊕ Amphenol Corp Class A	1.38	5.80	19.98	Technology
⊕ SBA Communications Corp	1.31	7.10	49.19	Real Estate
⊕ Dollar Tree Inc	1.30	8.40	26.40	Consumer Defensive
⊕ Digital Realty Trust Inc	1.30	9.70	24.87	Real Estate
⊕ TransDigm Group Inc	1.26	10.96	61.93	Industrials
⊕ IQVIA Holdings Inc	1.26	12.23	28.59	Healthcare
⊕ IHS Markit Ltd	1.22	13.45	39.42	Industrials
⊕ Fleeter Technologies Inc	1.19	14.64	54.42	Technology
⊕ Verisk Analytics Inc	1.18	15.82	45.72	Industrials
⊕ Realty Income Corp	1.17	16.99	24.87	Real Estate
⊕ Waste Connections Inc	1.16	18.15	24.55	Industrials
⊕ Xilinx Inc	1.16	19.31	13.89	Technology

Total Holdings 175

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Mid-Cap Value Index Admiral VMVAX

Morningstar Category
Mid-Cap Value

Morningstar Index
Russell Mid Cap Value TR USD

Portfolio Manager(s)

Donald Butler since 08-2006
Michael Johnson since 04-2016

Quantitative Screens

✔ **Performance:** The fund has finished in the Mid-Cap Value 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 13.13 years.

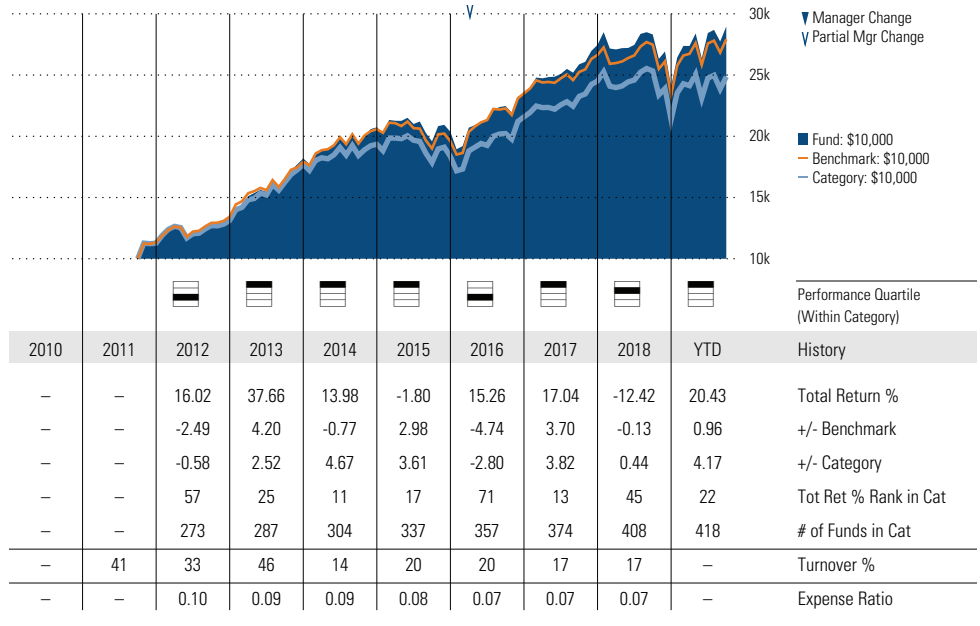
✔ **Style:** The fund has landed in its primary style box — Mid-Cap Value — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.07 is 93.33% lower than the Mid-Cap Value category average.

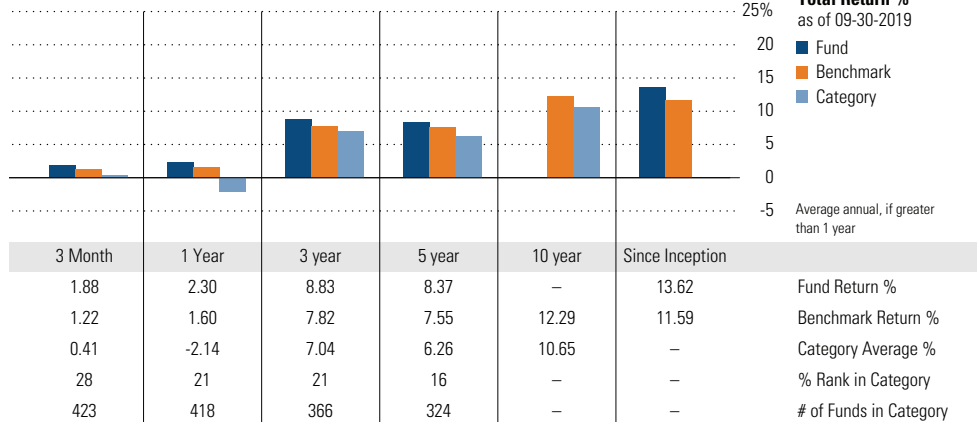
Morningstar Investment Management LLC Analysis

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.

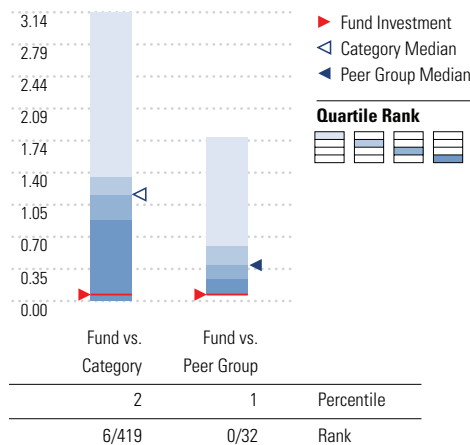
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.84	-	-1.01
Beta	1.02	-	1.07
R-Squared	98.20	-	94.09
Standard Deviation	13.75	13.39	14.85
Sharpe Ratio	0.57	0.51	0.44
Tracking Error	1.86	-	3.91
Information Ratio	0.55	-	-0.12
Up Capture Ratio	102.39	-	102.14
Down Capture Ratio	96.74	-	107.54

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	16.13	17.21	16.39
Price/Book Ratio	1.93	1.87	1.78
Geom Avg Mkt Cap \$B	14.39	12.50	10.74
ROE	14.82	11.14	12.18

Vanguard Mid-Cap Value Index Admiral VMVAX

Morningstar Category

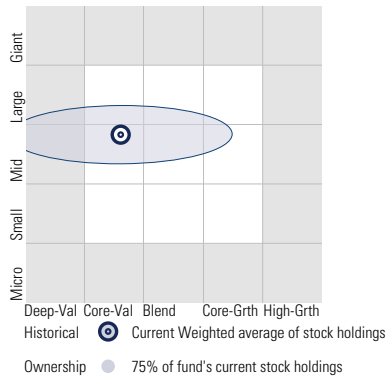
Mid-Cap Value

Morningstar Index

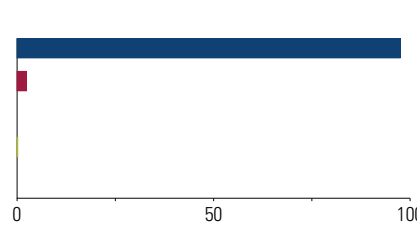
Russell Mid Cap Value TR USD

Style Analysis as of 09-30-2019

Morningstar Style Box™

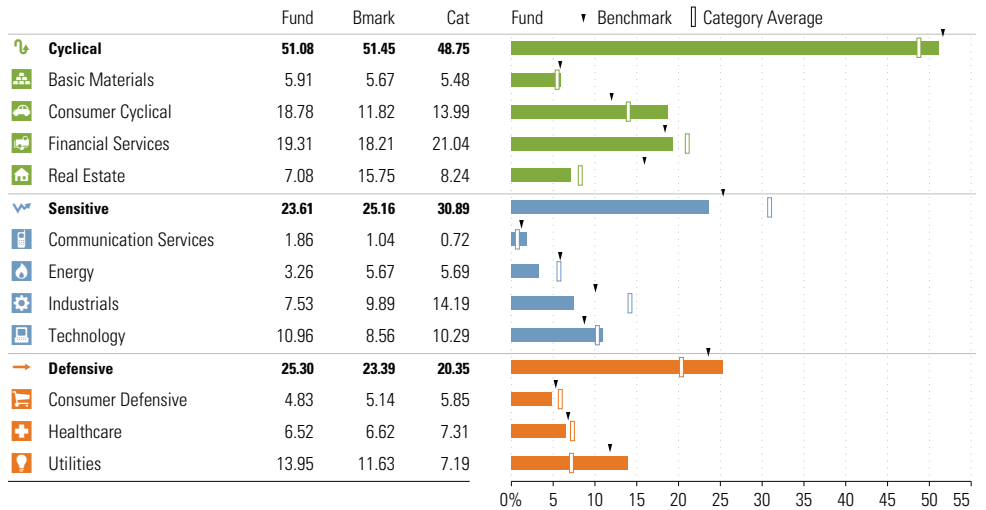


Asset Allocation as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	97.46	92.63
Non-US Stocks	2.38	4.52
Bonds	0.00	0.04
Cash	0.16	2.64
Other	0.00	0.17
Total	100.00	100.00

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
⊕ Newmont Goldcorp Corp	1.47	1.47	13.19	Basic Materials
⊕ WEC Energy Group Inc	1.42	2.90	39.86	Utilities
⊕ Motorola Solutions Inc	1.34	4.23	49.62	Technology
⊕ Eversource Energy	1.31	5.54	33.88	Utilities
⊕ FirstEnergy Corp	1.22	6.76	31.48	Utilities
⊕ Willis Towers Watson PLC	1.18	7.94	28.36	Financial Services
⊕ DTE Energy Co	1.16	9.10	23.11	Utilities
⊕ Entergy Corp	1.11	10.20	39.53	Utilities
⊕ American Water Works Co Inc	1.06	11.27	38.47	Utilities
⊕ The Hartford Financial Services Group Inc	1.04	12.31	38.38	Financial Services
⊕ Ameren Corp	0.96	13.27	24.90	Utilities
⊖ M&T Bank Corp	0.95	14.22	12.46	Financial Services
⊖ Clorox Co	0.91	15.12	0.46	Consumer Defensive
⊖ D.R. Horton Inc	0.88	16.00	53.38	Consumer Cyclical
⊕ Keysight Technologies Inc	0.86	16.87	56.65	Technology

Total Holdings 203

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Small Cap Growth Index Admiral VSGAX

Morningstar Category
Small Growth

Morningstar Index
Russell 2000 Growth TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 14.76 years.

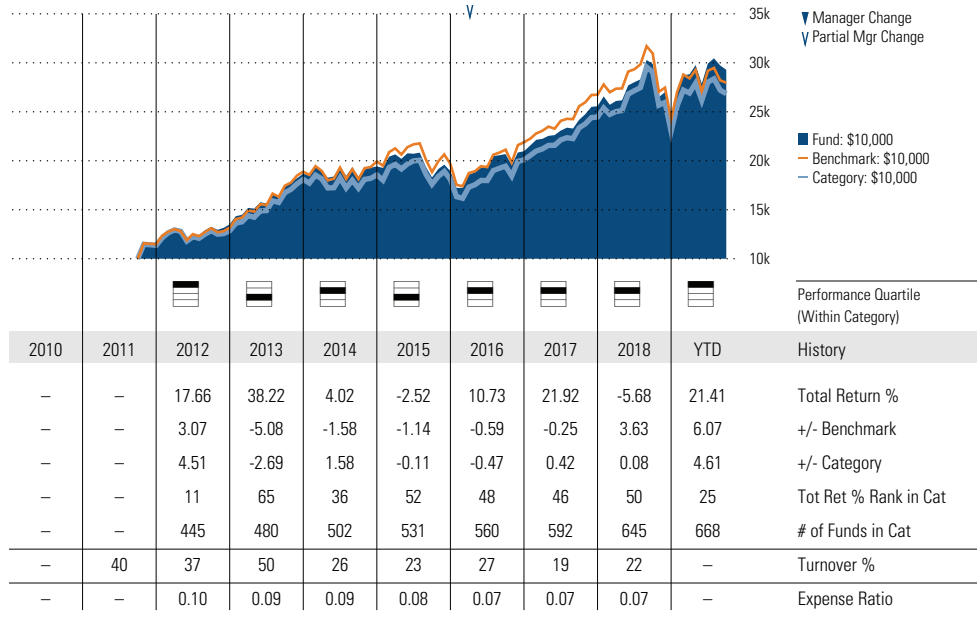
✘ **Style:** The fund has landed in its primary style box — Small Growth — 45.71 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.07 is 94.26% lower than the Small Growth category average.

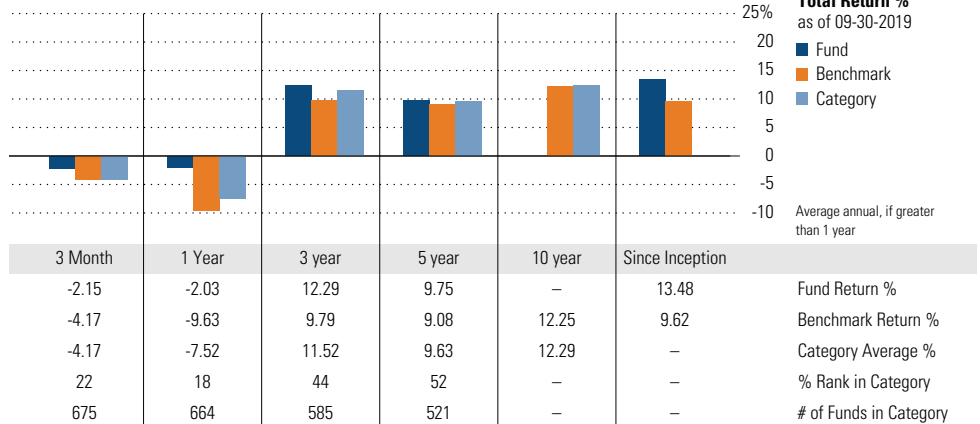
Morningstar Investment Management LLC Analysis

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

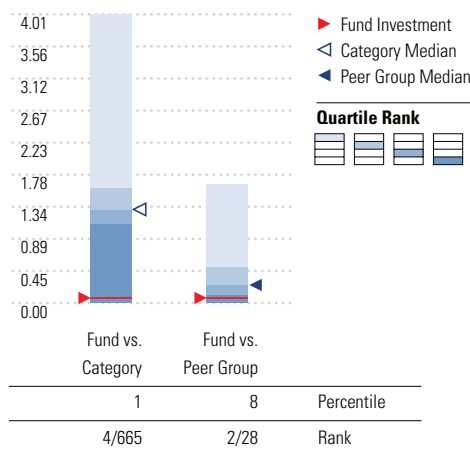
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	3.05	-	2.42
Beta	0.91	-	0.94
R-Squared	96.93	-	91.43
Standard Deviation	16.07	17.47	17.30
Sharpe Ratio	0.70	0.53	0.64
Tracking Error	3.27	-	5.10
Information Ratio	0.76	-	0.38
Up Capture Ratio	96.90	-	99.42
Down Capture Ratio	82.95	-	88.96

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	26.53	23.13	27.02
Price/Book Ratio	3.43	3.83	4.13
Geom Avg Mkt Cap \$B	4.58	2.03	3.72
ROE	9.97	6.01	7.16

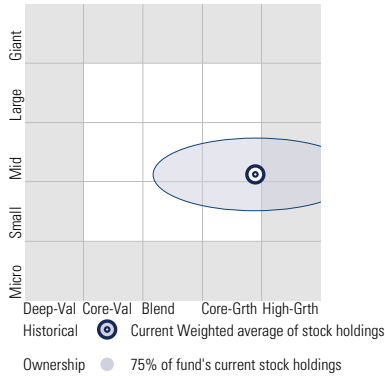
Vanguard Small Cap Growth Index Admiral VSGAX

Morningstar Category
Small Growth

Morningstar Index
Russell 2000 Growth TR USD

Style Analysis as of 09-30-2019

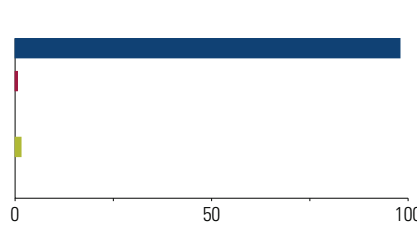
Morningstar Style Box™



Style Breakdown

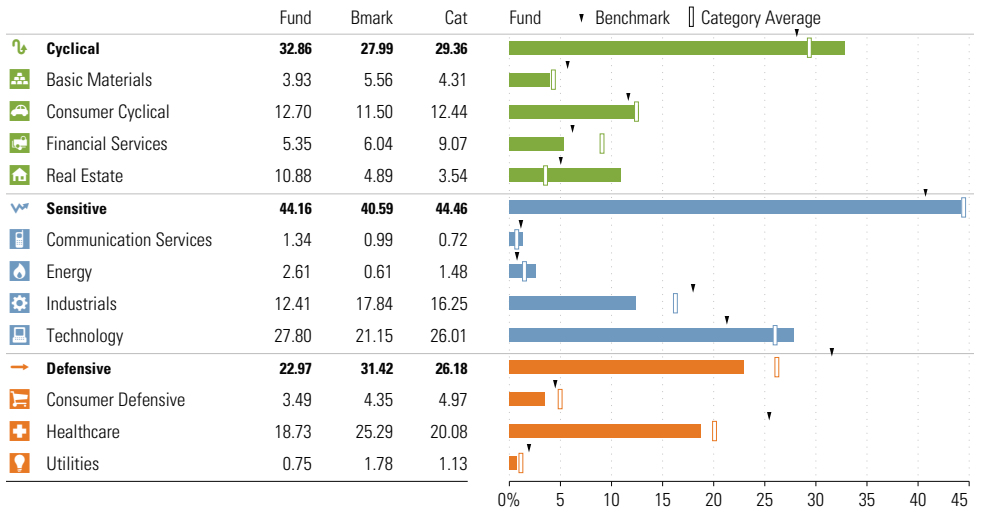


Asset Allocation as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	97.93	93.72
Non-US Stocks	0.56	3.23
Bonds	0.00	0.00
Cash	1.51	2.80
Other	0.00	0.25
Total	100.00	100.00

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	1.48	1.48	-	-
⊕ Burlington Stores Inc	0.82	2.30	22.84	Consumer Defensive
⊕ Teledyne Technologies Inc	0.72	3.02	55.50	Technology
⊕ Zebra Technologies Corp	0.69	3.71	29.60	Technology
⊕ Equity Lifestyle Properties Inc	0.67	4.38	39.44	Real Estate
⊕ West Pharmaceutical Services Inc	0.64	5.03	45.13	Healthcare
⊕ Tyler Technologies Inc	0.62	5.65	41.27	Technology
⊕ Insulet Corp	0.61	6.26	107.93	Healthcare
⊕ EPAM Systems Inc	0.59	6.85	57.16	Technology
⊕ RingCentral Inc Class A	0.56	7.40	52.43	Technology
⊕ CyrusOne Inc	0.55	7.96	52.27	Real Estate
⊕ Lennox International Inc	0.55	8.51	12.01	Industrials
⊕ Bright Horizons Family Solutions Inc	0.55	9.05	36.83	Consumer Cyclical
⊕ WEX Inc	0.54	9.59	44.27	Technology
⊕ Guidewire Software Inc	0.53	10.12	31.35	Technology

Total Holdings 625

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Small Cap Value Index Admiral VSIAX

Morningstar Category
Small Value

Morningstar Index
Russell 2000 Value TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 3.43 years.

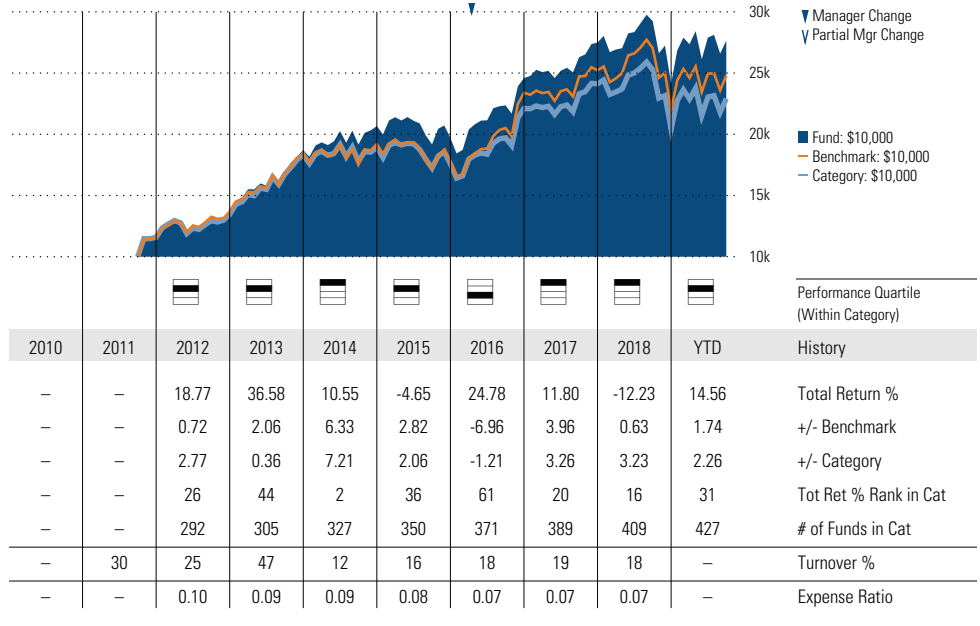
✘ **Style:** The fund has landed in its primary style box — Small Value — 57.14 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.07 is 94.12% lower than the Small Value category average.

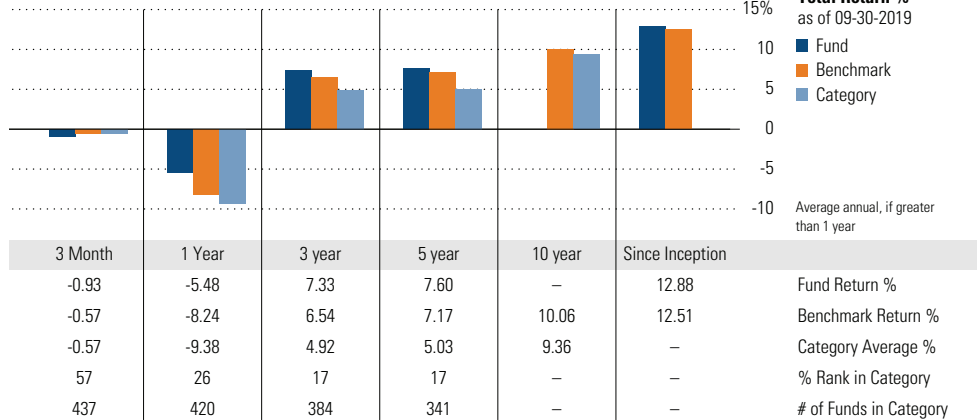
Morningstar Investment Management LLC Analysis

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

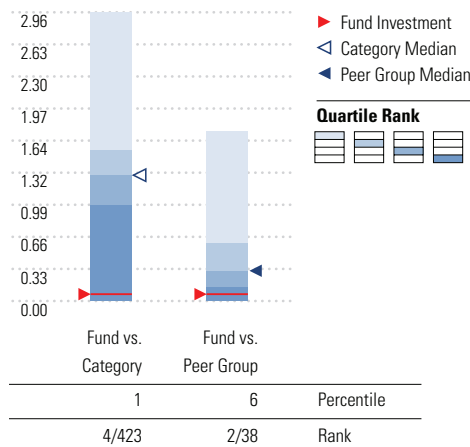
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.30	-	-0.99
Beta	0.90	-	0.99
R-Squared	96.92	-	94.06
Standard Deviation	16.12	17.67	17.95
Sharpe Ratio	0.42	0.35	0.29
Tracking Error	3.36	-	4.40
Information Ratio	0.23	-	-0.30
Up Capture Ratio	92.45	-	95.42
Down Capture Ratio	86.65	-	100.00

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	14.48	13.72	15.37
Price/Book Ratio	1.64	1.28	1.47
Geom Avg Mkt Cap \$B	3.68	1.55	2.70
ROE	13.15	6.79	9.76

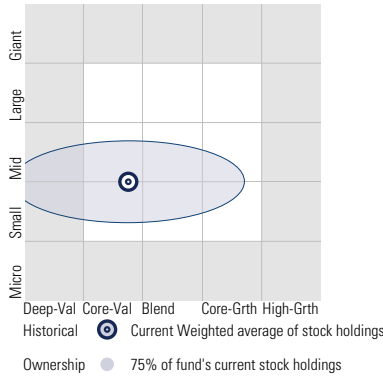
Vanguard Small Cap Value Index Admiral VSIAX

Morningstar Category
Small Value

Morningstar Index
Russell 2000 Value TR USD

Style Analysis as of 09-30-2019

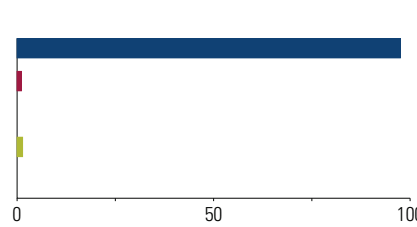
Morningstar Style Box™



Style Breakdown

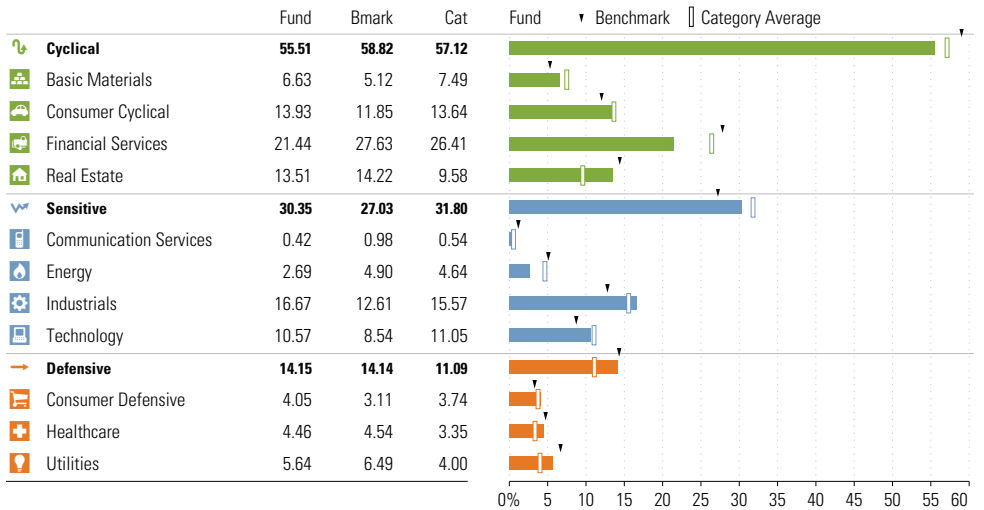


Asset Allocation as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	97.51	95.39
Non-US Stocks	1.10	2.10
Bonds	0.00	-0.03
Cash	1.39	2.43
Other	0.00	0.11
Total	100.00	100.00

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	1.36	1.36	-	-
⊖ Atmos Energy Corp	0.67	2.03	24.53	Utilities
⊖ IDEX Corp	0.62	2.66	30.93	Industrials
⊖ Leidos Holdings Inc	0.62	3.27	64.76	Technology
⊕ UGI Corp	0.53	3.80	-4.11	Utilities
⊕ Booz Allen Hamilton Holding Corp Class A	0.50	4.30	59.11	Industrials
⊖ Teradyne Inc	0.49	4.79	85.40	Technology
⊖ Allegion PLC	0.49	5.28	31.05	Industrials
⊖ Aqua America Inc	0.48	5.76	33.09	Utilities
⊕ National Retail Properties Inc	0.48	6.24	19.39	Real Estate
⊖ PerkinElmer Inc	0.47	6.72	8.70	Healthcare
⊖ US Foods Holding Corp	0.45	7.17	29.90	Consumer Defensive
⊕ VICI Properties Inc Ordinary Shares	0.45	7.62	25.25	Real Estate
⊖ RPM International Inc	0.45	8.07	18.85	Basic Materials
⊕ Medical Properties Trust Inc	0.44	8.50	26.37	Real Estate

Total Holdings 862

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Western Asset Core Bond IS WACSX

Morningstar Category
Intermediate Core Bond

Morningstar Index
BBgBarc US Agg Bond TR USD

Portfolio Manager(s)

Mark Lindbloom since 12-2006
S. Leech since 08-2013
Julien Scholnick since 05-2016
Frederick Marki since 05-2018
John Bellows since 05-2018

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 12.76 years.

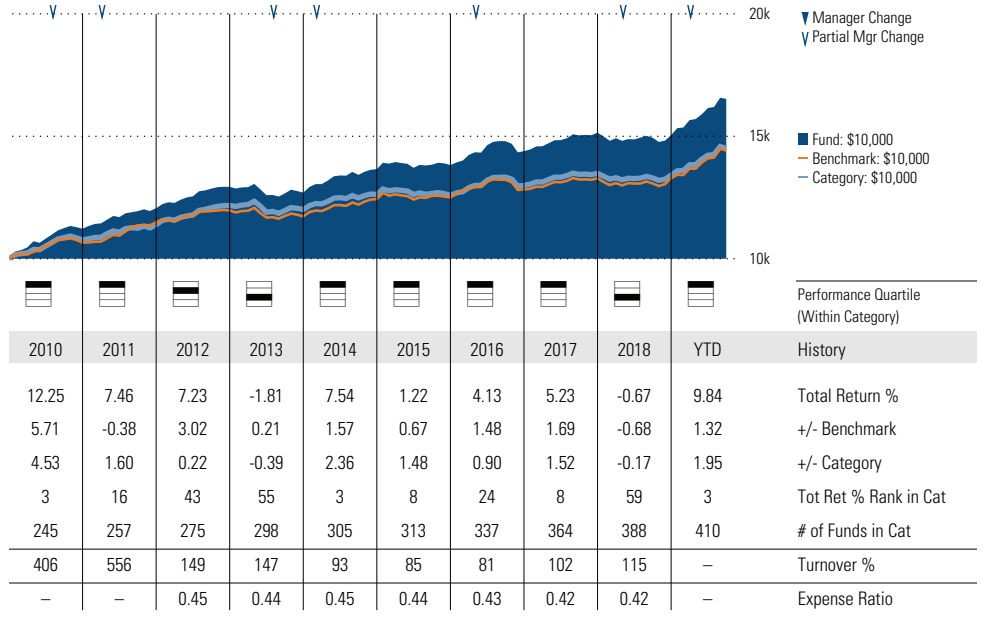
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.42 is 36.36% lower than the Intermediate Core Bond category average.

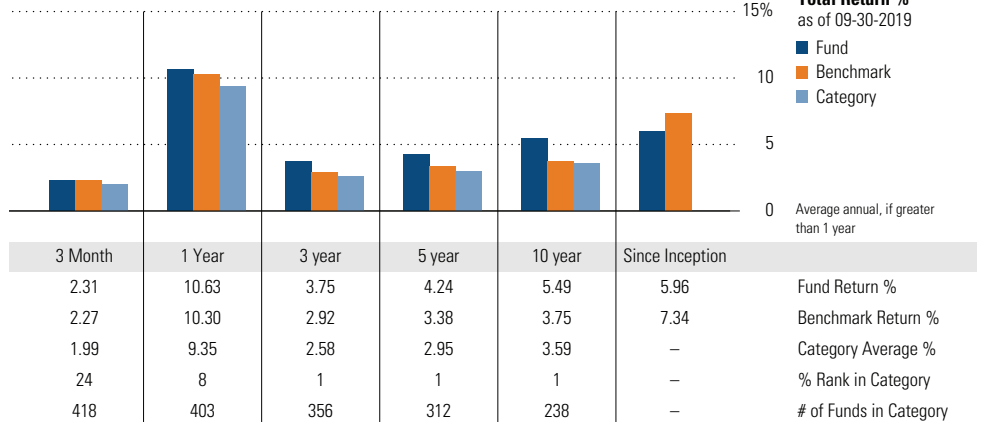
Morningstar Investment Management LLC Analysis

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.

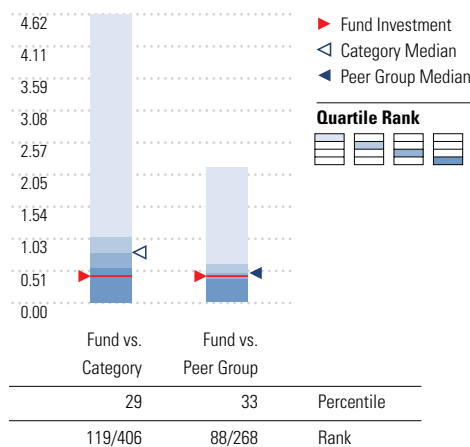
Growth of \$10,000



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	0.89	-	-0.10
Beta	0.97	-	0.92
R-Squared	93.38	-	95.86
Standard Deviation	3.36	3.35	3.12
Sharpe Ratio	0.65	0.41	0.31
Tracking Error	0.87	-	0.66
Information Ratio	0.95	-	-0.69
Up Capture Ratio	109.89	-	90.62
Down Capture Ratio	92.63	-	93.22

Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	4.98	4.43	5.41
Avg Eff Maturity	10.92	-	7.00

Western Asset Core Bond IS WACSX

Morningstar Category
Intermediate Core Bond

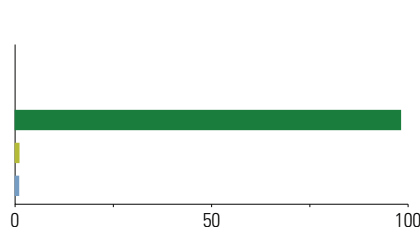
Morningstar Index
BBgBarc US Agg Bond TR USD

Style Analysis as of 09-30-2019

Style Breakdown



Asset Allocation as of 09-30-2019

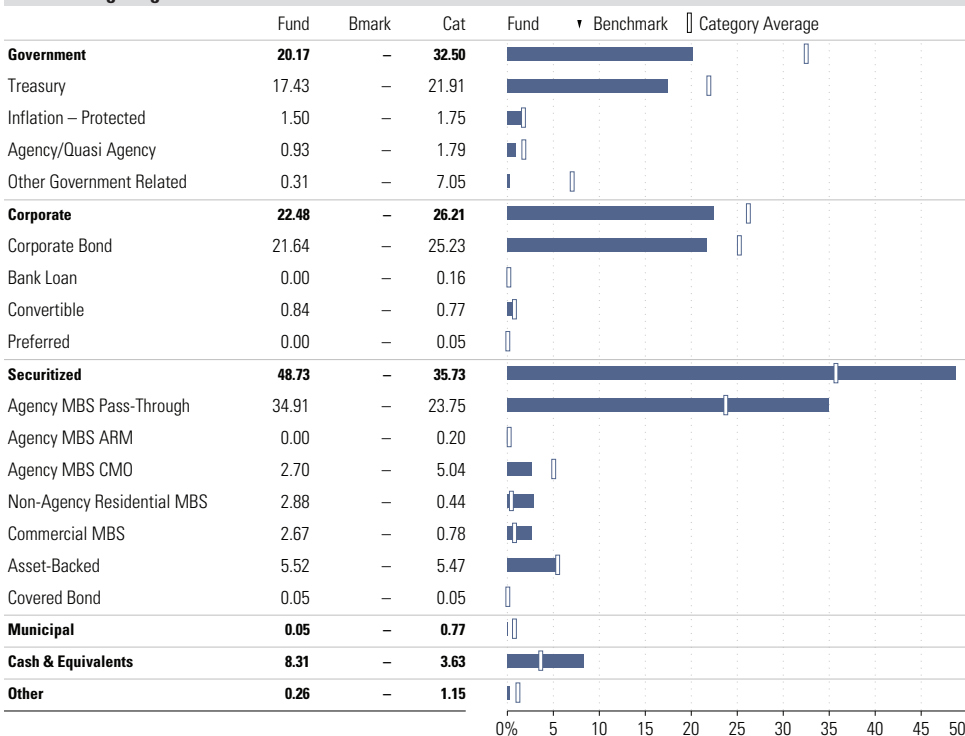


Asset Class	Net %	Cat%
US Stocks	0.00	-0.15
Non-US Stocks	0.00	0.00
Bonds	98.09	100.71
Cash	1.00	-2.35
Other	0.92	1.79
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	64.41	3.53	41.28
AA	5.33	74.59	12.11
A	14.59	10.82	25.80
BBB	14.57	8.32	15.44
BB	0.13	0.28	3.70
B	0.00	0.00	0.74
Below B	0.15	0.00	0.35
Not Rated	0.82	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
⊖ Trade Date Cash	-	8.06	8.06	-
⊕ Wa Govnt Cash Mgmt Porto	-	6.29	14.35	-
⊕ Federal National Mortgage Association 3%	-	2.01	16.36	-
⊕ United States Treasury Notes 1.38%	08-2026	1.83	18.18	-
⊕ Government National Mortgage Association 3.5%	-	1.55	19.73	-
⊕ United States Treasury Notes 1.62%	09-2026	1.51	21.25	-
⊖ United States Treasury Bonds 3%	-	1.32	22.57	-
⊕ United States Treasury Bonds 3.12%	-	1.18	23.74	-
⊕ United States Treasury Notes 1.62%	08-2029	1.11	24.85	-
⊖ United States Treasury Bonds 2.88%	-	0.99	25.85	-

Total Holdings 1993

⊕ Increase ⊖ Decrease ✱ New to Portfolio