

American Funds 2010 Trgt Date Retire R4 RDATA

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

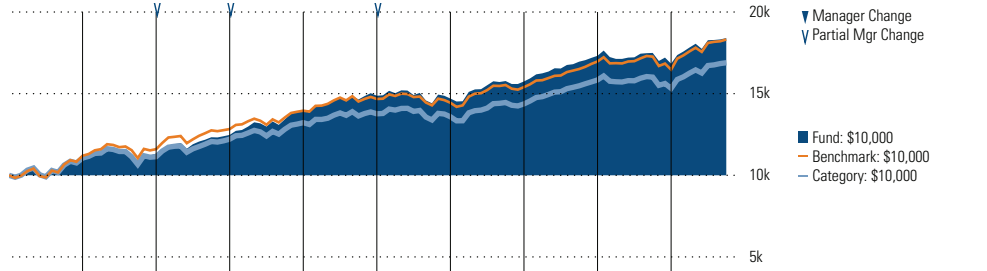
✔ **Performance:** The fund has finished in the Target-Date 2000-2010 category's top three quartiles in 8 of the 10 years it's been in existence.

✔ **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 0.69 is 7.81% higher than the Target-Date 2000-2010 category average.

Growth of \$10,000

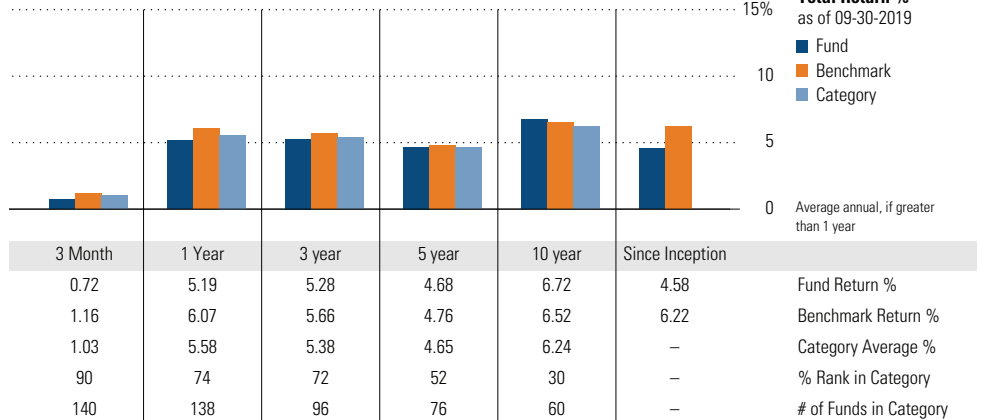


2010	2011	2012	2013	2014	2015	2016	2017	2018	YTD	History
9.53	3.36	10.17	12.09	6.37	-1.15	7.13	9.98	-2.80	9.31	Total Return %
-2.43	-0.25	-0.44	3.33	1.21	0.43	0.49	-0.21	0.17	-1.91	+/- Benchmark
-1.15	2.45	0.56	3.79	2.27	0.03	1.27	-0.17	0.45	-0.96	+/- Category
81	9	41	4	2	46	13	62	26	79	Tot Ret % Rank in Cat
62	62	63	65	72	83	93	102	112	140	# of Funds in Cat
21	19	10	18	17	19	14	5	8	-	Turnover %
-	-	-	-	-	-	-	-	-	-	Expense Ratio

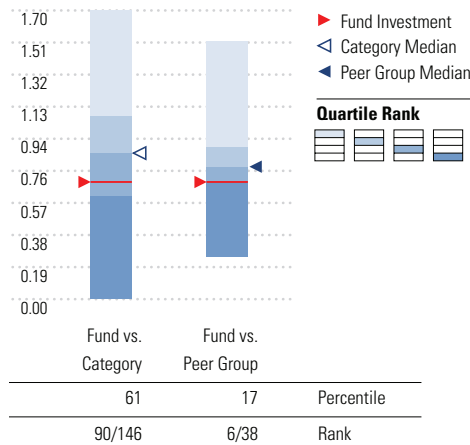
Morningstar Investment Management LLC Analysis

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

Trailing Performance



Net Expense



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	0.12	-	0.06
Beta	0.91	-	0.93
R-Squared	94.39	-	95.06
Standard Deviation	4.45	4.74	4.49
Sharpe Ratio	0.82	0.85	0.82
Tracking Error	1.13	-	1.07
Information Ratio	-0.34	-	-0.27
Up Capture Ratio	91.56	-	92.53
Down Capture Ratio	88.99	-	90.99

Portfolio Metrics

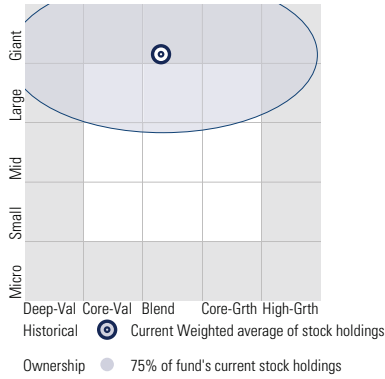
	Fund	Bmark	Cat
Price/Earnings Ratio	18.01	17.79	18.00
Price/Book Ratio	2.62	2.16	2.29
Avg Eff Duration	4.14	-	6.45

American Funds 2010 Trgt Date Retire R4 RDATA

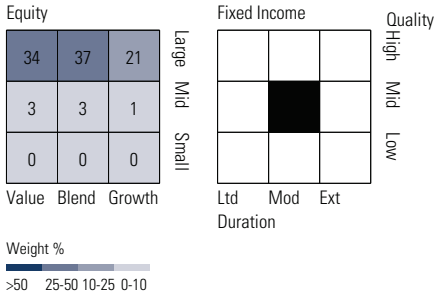
Morningstar Category
Target-Date 2000-2010

Morningstar Index
Morningstar Lifetime Mod 2010 TR USD

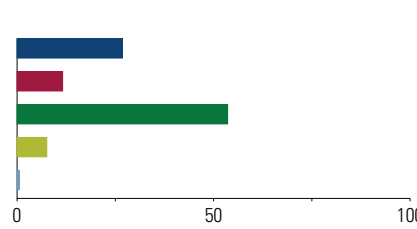
Style Analysis as of 09-30-2019
Morningstar Style Box™



Style Breakdown

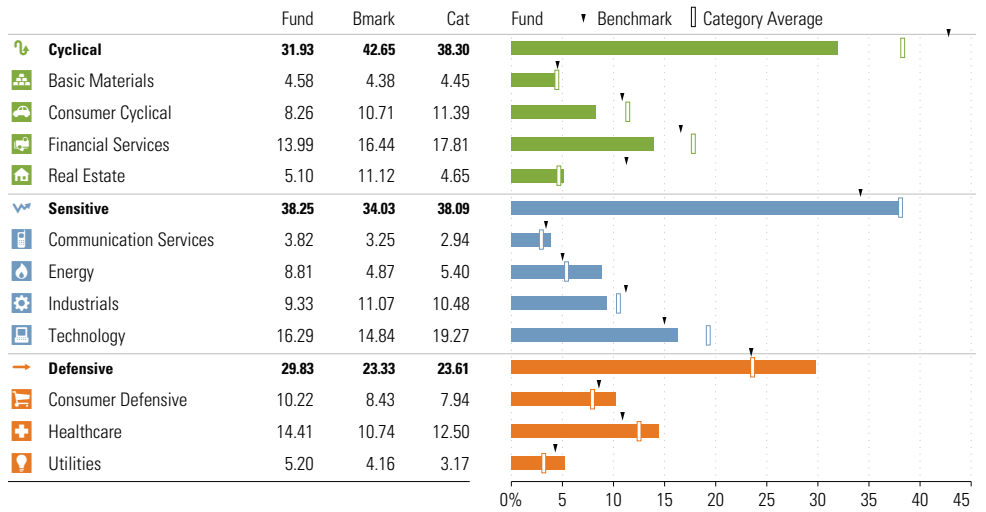


Asset Allocation as of 09-30-2019



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 R4 RDBTX

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

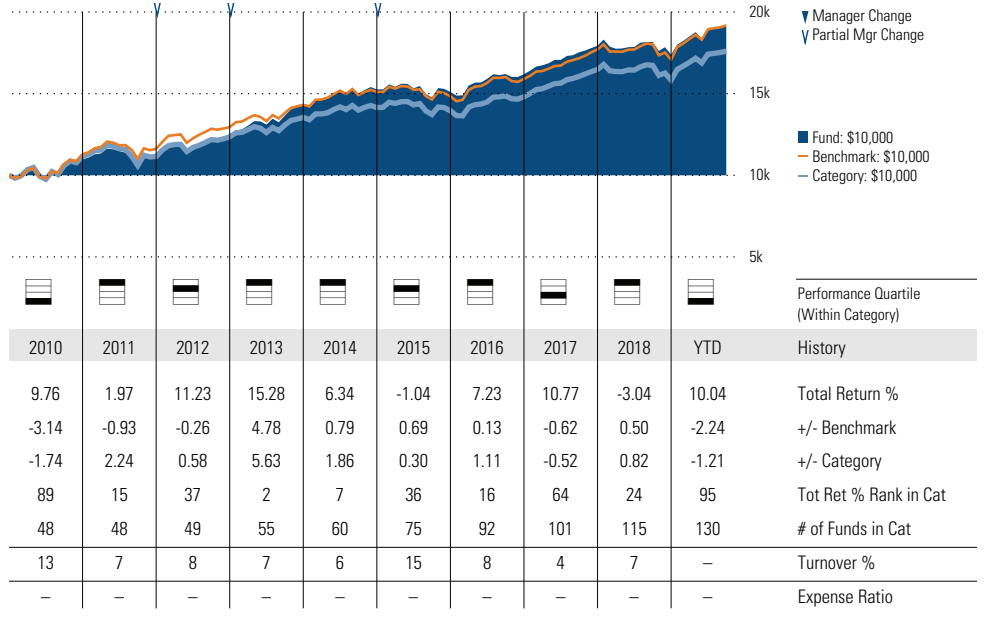
✔ **Performance:** The fund has finished in the Target-Date 2015 category's top three quartiles in 8 of the 10 years it's been in existence.

✔ **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 0.68 is 1.49% higher than the Target-Date 2015 category average.

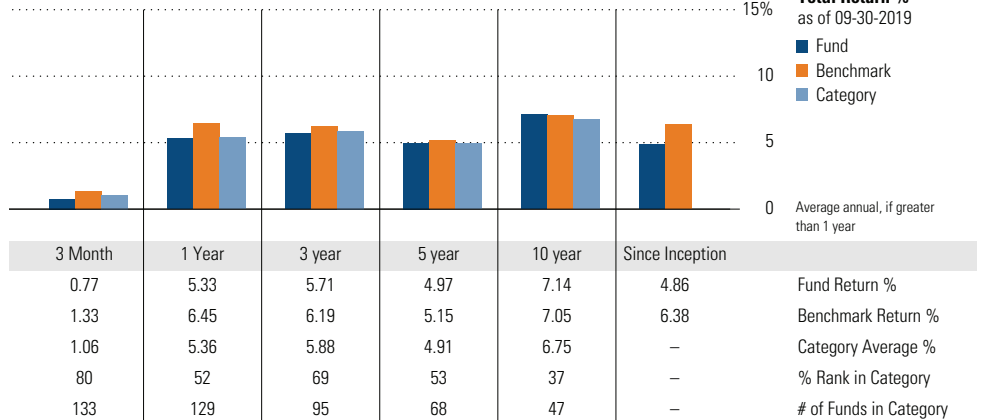
Growth of \$10,000



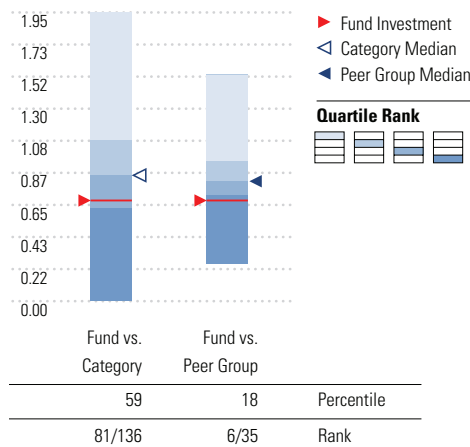
Morningstar Investment Management LLC Analysis

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	0.12	-	-0.19
Beta	0.90	-	0.97
R-Squared	94.57	-	95.51
Standard Deviation	4.87	5.23	5.21
Sharpe Ratio	0.84	0.87	0.80
Tracking Error	1.24	-	1.16
Information Ratio	-0.38	-	-0.27
Up Capture Ratio	90.21	-	95.13
Down Capture Ratio	87.08	-	96.58

Portfolio Metrics

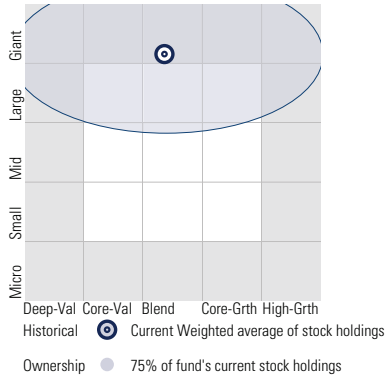
	Fund	Bmark	Cat
Price/Earnings Ratio	18.08	17.69	18.05
Price/Book Ratio	2.62	2.14	2.28
Avg Eff Duration	4.48	-	4.51

American Funds 2015 Trgt Date Retire R4 RDBTX

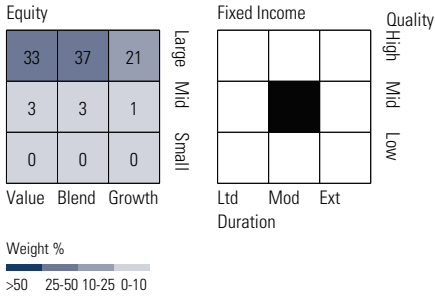
Morningstar Category
Target-Date 2015

Morningstar Index
Morningstar Lifetime Mod 2015 TR USD

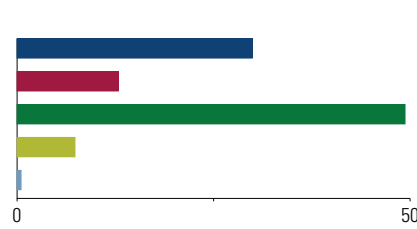
Style Analysis as of 09-30-2019
Morningstar Style Box™



Style Breakdown

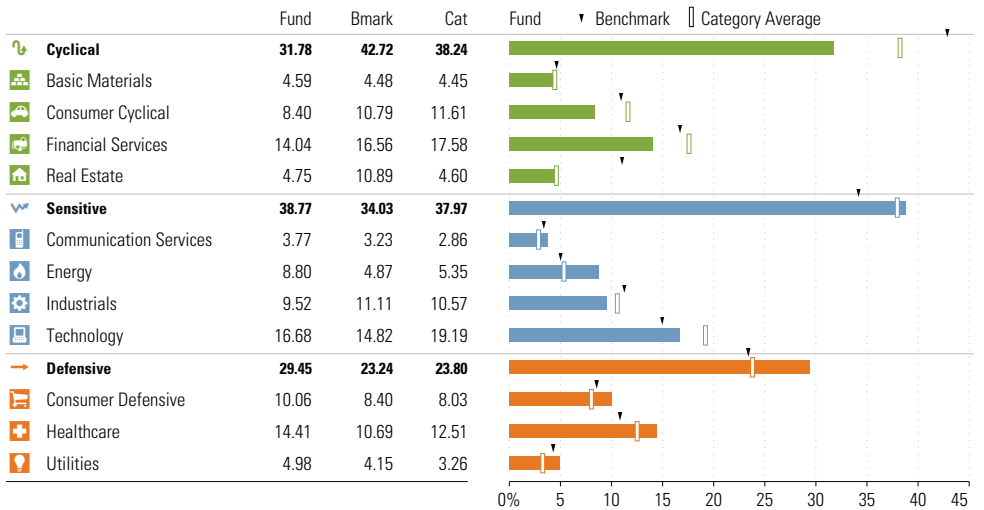


Asset Allocation as of 09-30-2019



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 Interim 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 R4 RDCTX

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 8 of the 10 years it's been in existence.

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

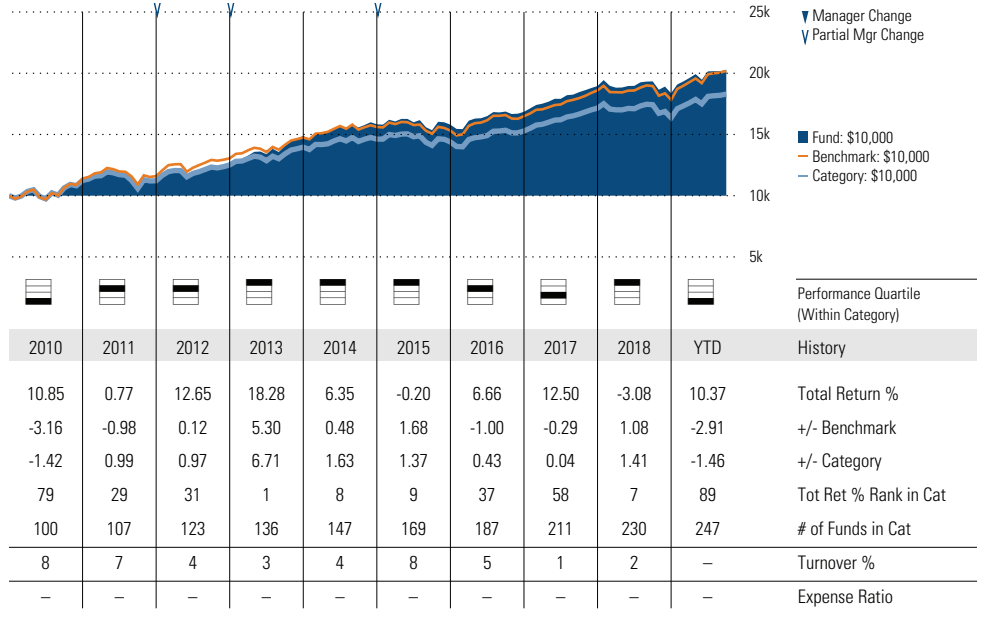
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.69 is 8% lower than the Target-Date 2020 category average.

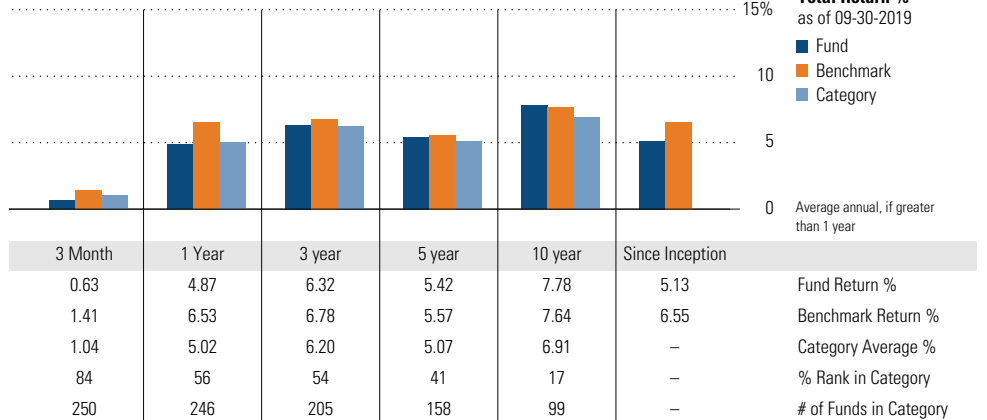
Morningstar Investment Management LLC Analysis

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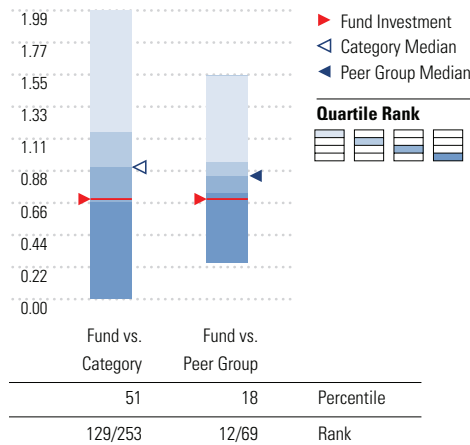
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.23	-	-0.25
Beta	0.90	-	0.92
R-Squared	95.11	-	93.65
Standard Deviation	5.38	5.85	5.53
Sharpe Ratio	0.87	0.88	0.78
Tracking Error	1.33	-	1.51
Information Ratio	-0.35	-	-0.46
Up Capture Ratio	92.43	-	90.01
Down Capture Ratio	91.25	-	92.76

Portfolio Metrics

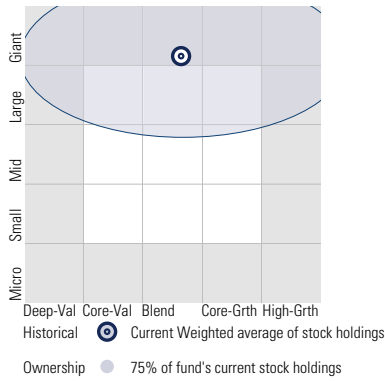
	Fund	Bmark	Cat
Price/Earnings Ratio	18.59	17.58	18.38
Price/Book Ratio	2.70	2.12	2.35
Avg Eff Duration	4.49	-	6.22

American Funds 2020 Trgt Date Retire R4 RDCTX

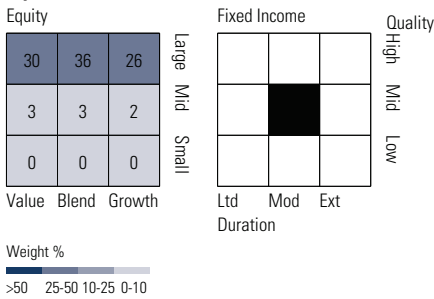
Morningstar Category
Target-Date 2020

Morningstar Index
Morningstar Lifetime Mod 2020 TR USD

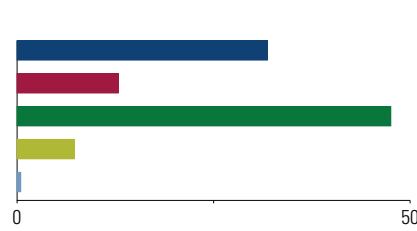
Style Analysis as of 09-30-2019
Morningstar Style Box™



Style Breakdown

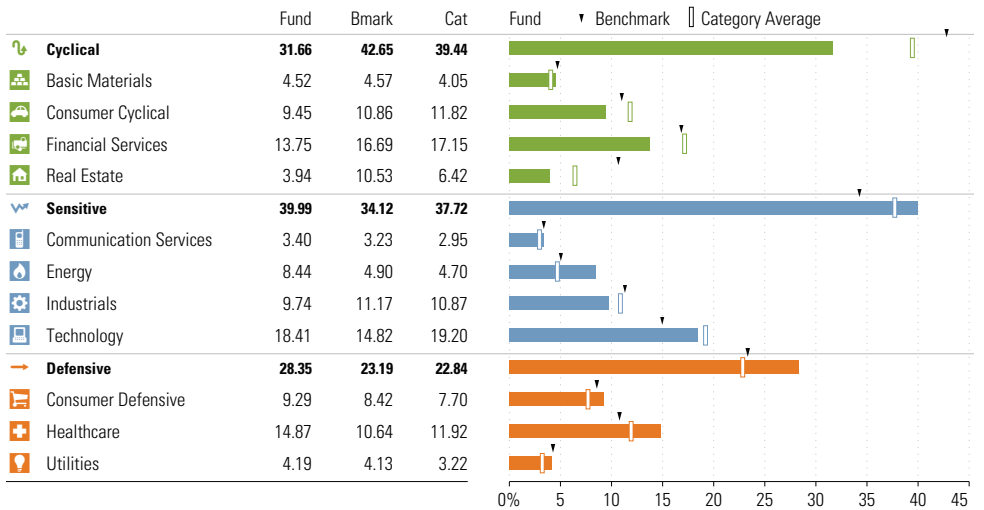


Asset Allocation as of 09-30-2019



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 R4 RDDTX

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

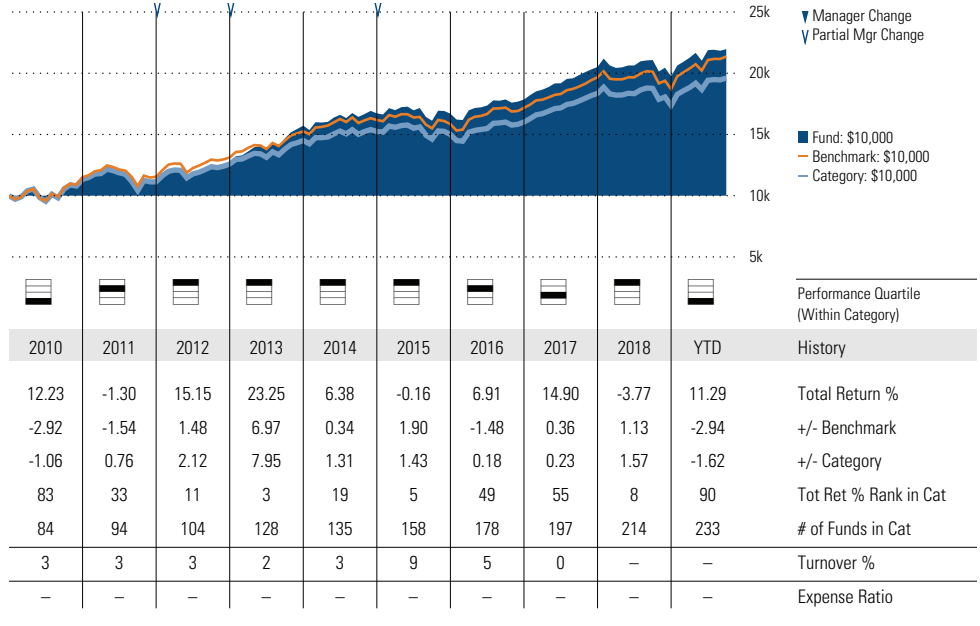
✔ **Performance:** The fund has finished in the Target-Date 2025 category's top three quartiles in 8 of the 10 years it's been in existence.

✔ **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 0.71 is 4.05% lower than the Target-Date 2025 category average.

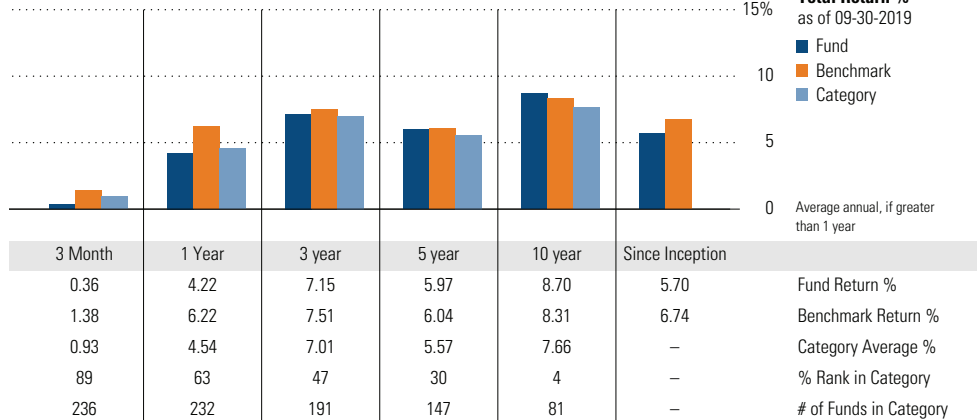
Growth of \$10,000



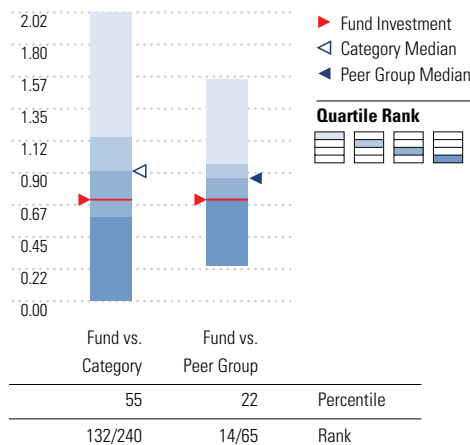
Morningstar Investment Management LLC Analysis

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

Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.03	-	-0.47
Beta	0.95	-	0.99
R-Squared	95.53	-	96.65
Standard Deviation	6.47	6.67	6.69
Sharpe Ratio	0.85	0.88	0.79
Tracking Error	1.41	-	1.36
Information Ratio	-0.26	-	-0.45
Up Capture Ratio	97.47	-	96.48
Down Capture Ratio	100.38	-	102.40

Portfolio Metrics

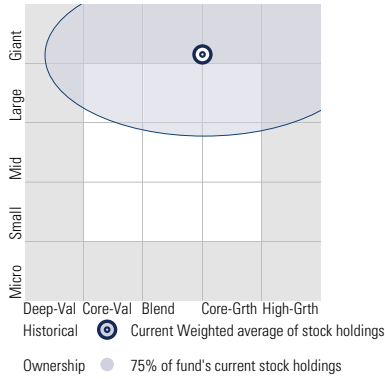
	Fund	Bmark	Cat
Price/Earnings Ratio	18.95	17.46	18.20
Price/Book Ratio	2.71	2.09	2.30
Avg Eff Duration	4.71	-	6.28

American Funds 2025 Trgt Date Retire R4 RDDTX

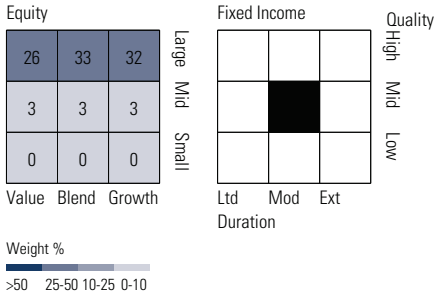
Morningstar Category
Target-Date 2025

Morningstar Index
Morningstar Lifetime Mod 2025 TR USD

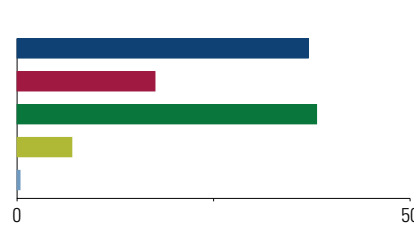
Style Analysis as of 09-30-2019
Morningstar Style Box™



Style Breakdown

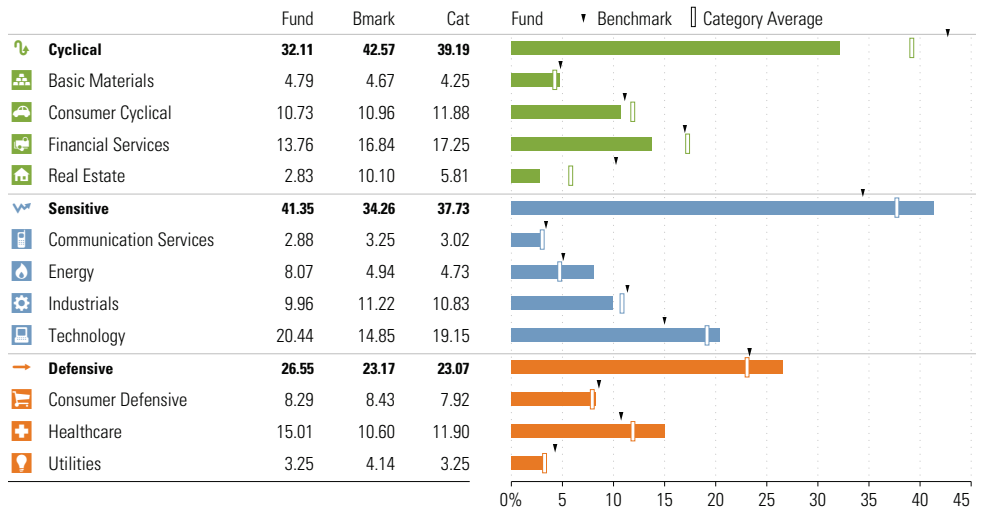


Asset Allocation as of 09-30-2019



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 R4 RDET

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.

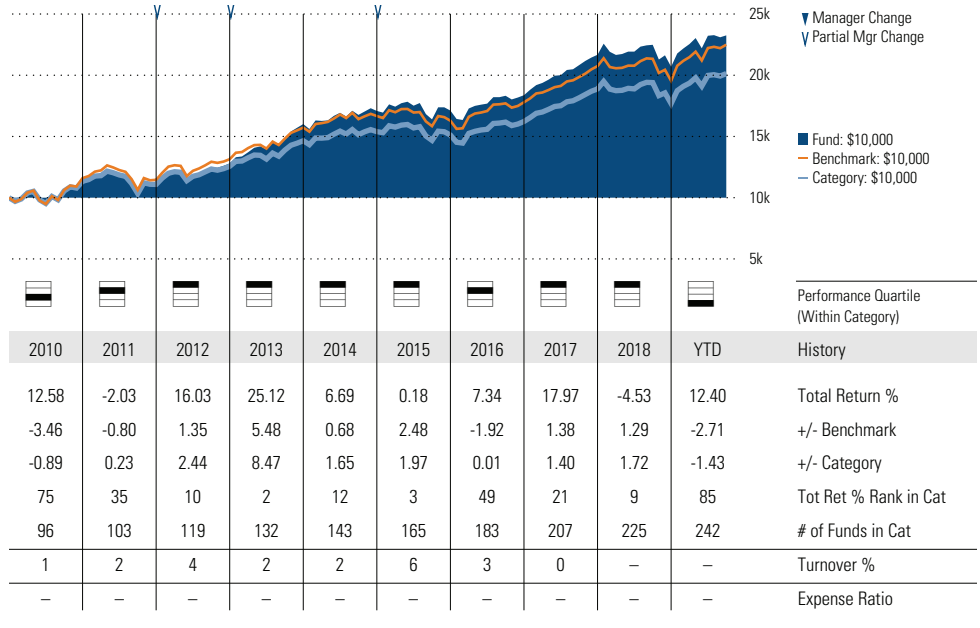
Style: The fund has landed in its primary style box — Large Blend — 81.82 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.73 is 6.41% 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.

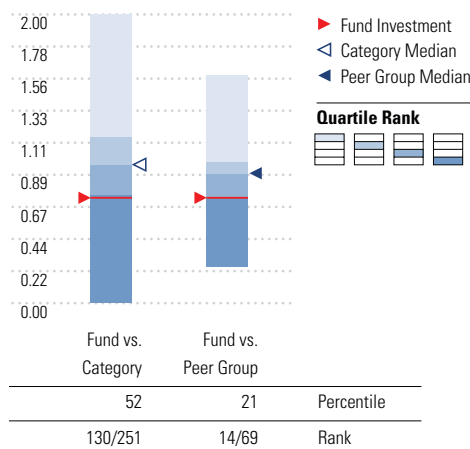
Growth of \$10,000



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

	Fund	Bmark	Cat
Alpha	0.22	-	-0.62
Beta	0.97	-	0.98
R-Squared	96.32	-	96.14
Standard Deviation	7.67	7.77	7.78
Sharpe Ratio	0.86	0.86	0.76
Tracking Error	1.49	-	1.48
Information Ratio	-0.02	-	-0.50
Up Capture Ratio	99.77	-	95.88
Down Capture Ratio	99.99	-	102.42

Portfolio Metrics

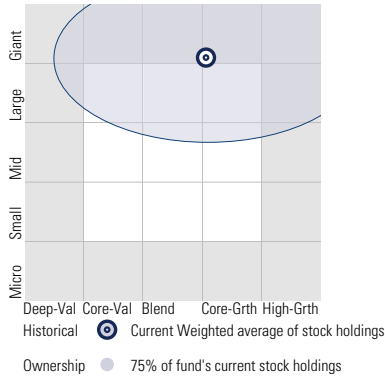
	Fund	Bmark	Cat
Price/Earnings Ratio	19.02	17.33	18.10
Price/Book Ratio	2.73	2.07	2.27
Avg Eff Duration	4.82	-	6.38

American Funds 2030 Trgt Date Retire R4 RDET

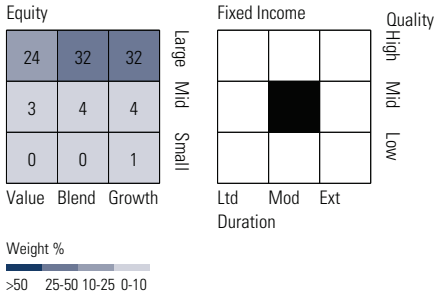
Morningstar Category
Target-Date 2030

Morningstar Index
Morningstar Lifetime Mod 2030 TR USD

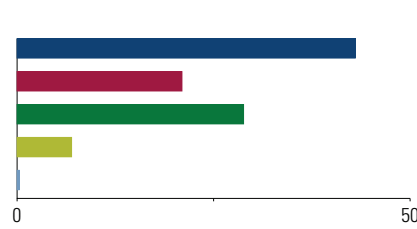
Style Analysis as of 09-30-2019
Morningstar Style Box™



Style Breakdown

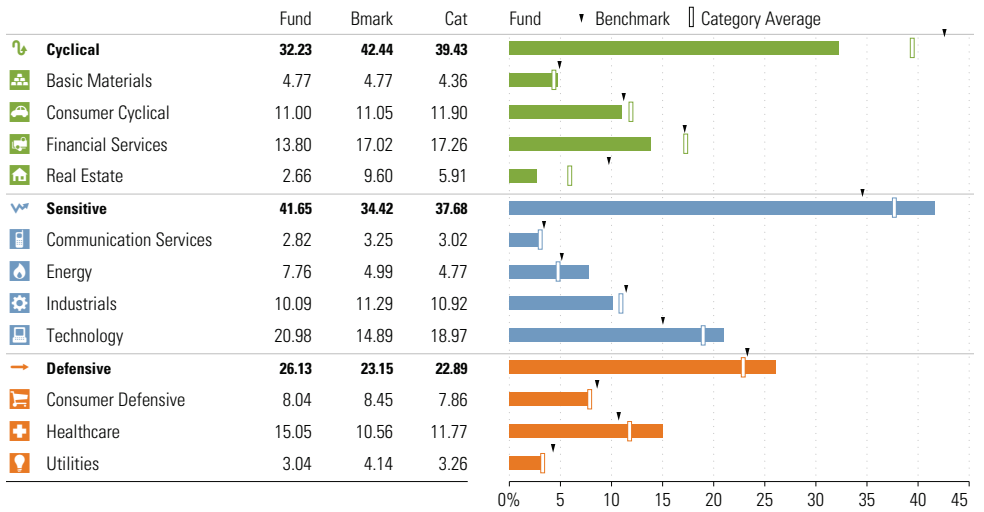


Asset Allocation as of 09-30-2019



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 R4 RDFTX

Morningstar Category
Target-Date 2035

Morningstar Index
Morningstar Lifetime Mod 2035 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
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 8 of the 10 years it's been in existence.

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

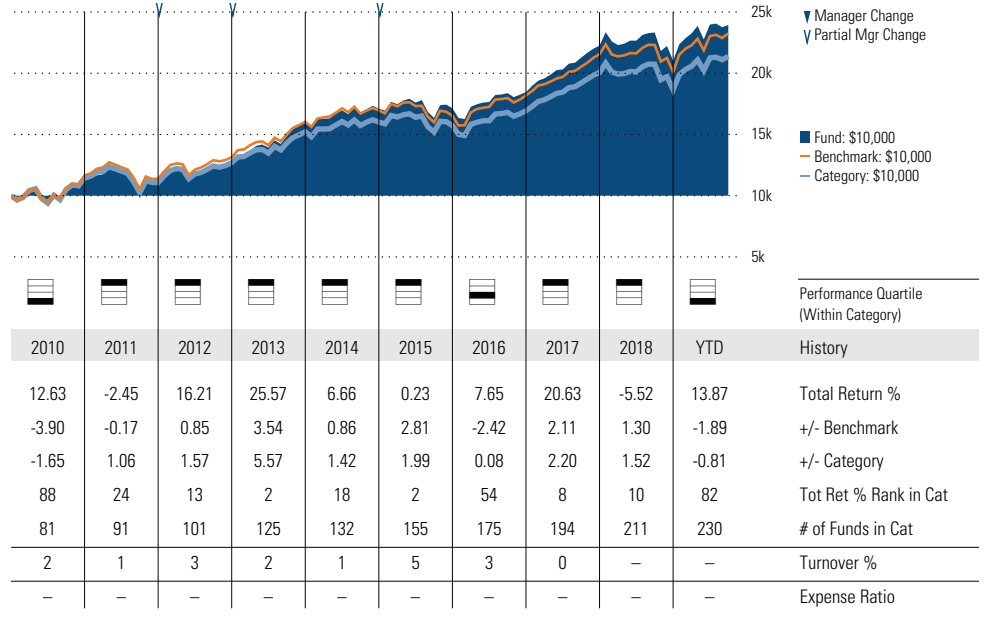
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.74 is 3.9% lower than the Target-Date 2035 category average.

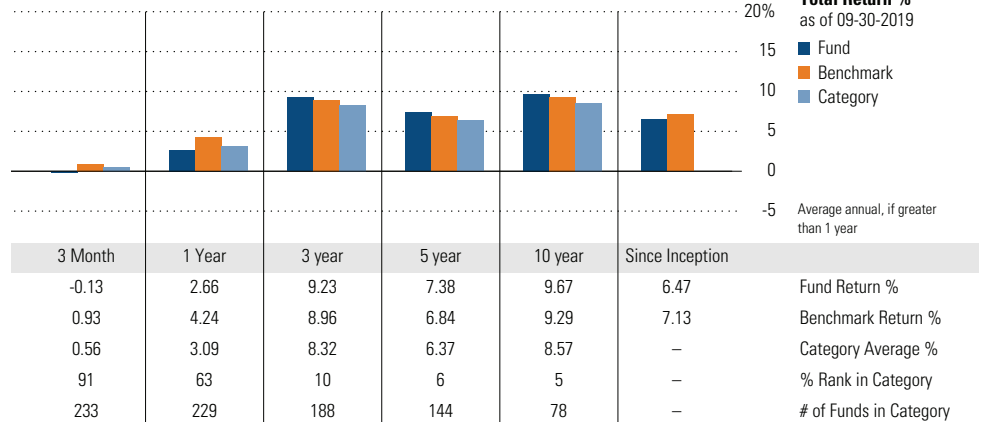
Morningstar Investment Management LLC Analysis

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.

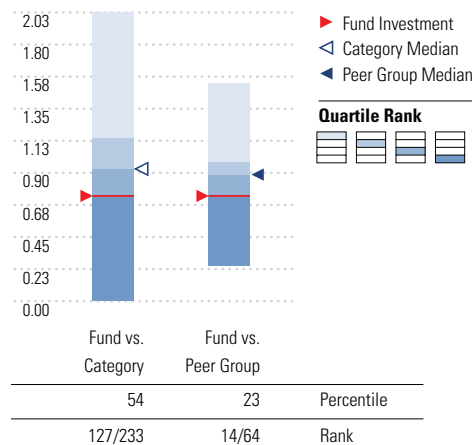
Growth of \$10,000



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	0.22	-	-0.52
Beta	1.01	-	0.99
R-Squared	96.95	-	98.11
Standard Deviation	9.15	8.95	8.90
Sharpe Ratio	0.83	0.82	0.76
Tracking Error	1.60	-	1.32
Information Ratio	0.17	-	-0.53
Up Capture Ratio	102.50	-	96.38
Down Capture Ratio	101.98	-	100.63

Portfolio Metrics

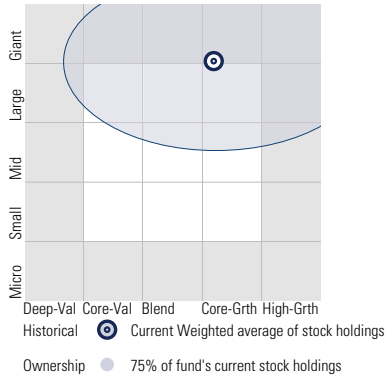
	Fund	Bmark	Cat
Price/Earnings Ratio	19.32	17.21	17.27
Price/Book Ratio	2.79	2.05	2.16
Avg Eff Duration	5.14	-	5.34

American Funds 2035 Trgt Date Retire R4 RDFTX

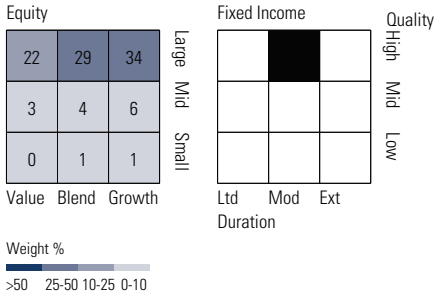
Morningstar Category
Target-Date 2035

Morningstar Index
Morningstar Lifetime Mod 2035 TR USD

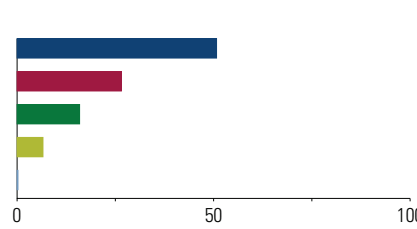
Style Analysis as of 09-30-2019
Morningstar Style Box™



Style Breakdown

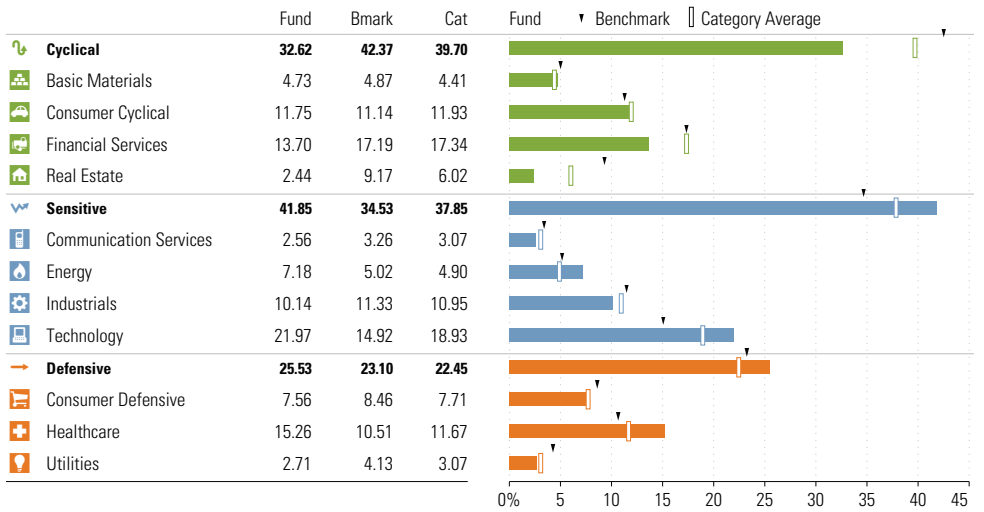


Asset Allocation as of 09-30-2019



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 R4 RDGTX

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 8 of the 10 years it's been in existence.

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

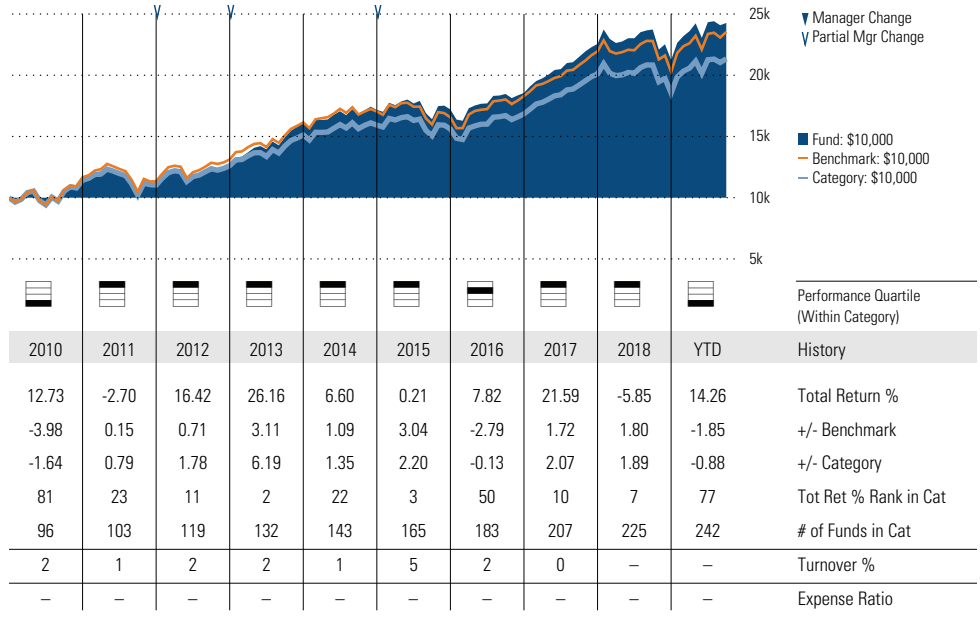
Style: The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.75 is 6.25% lower than the Target-Date 2040 category average.

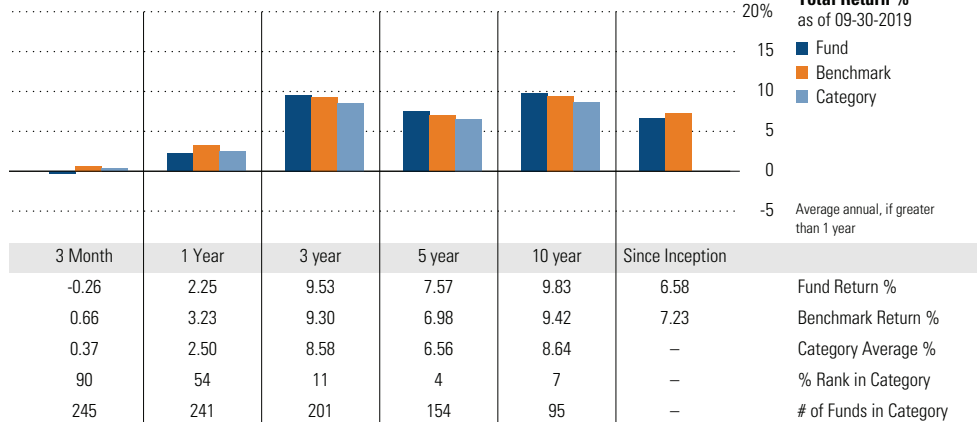
Morningstar Investment Management LLC Analysis

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.

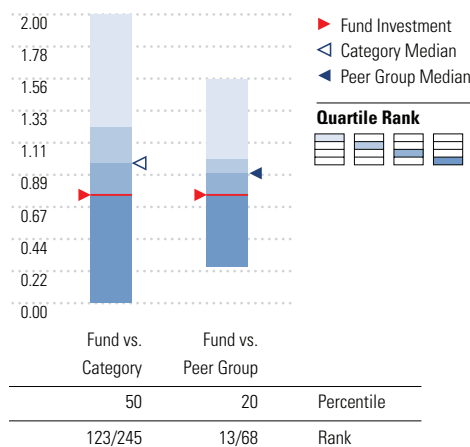
Growth of \$10,000



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

Metric	Fund	Bmark	Cat
Alpha	0.57	-	-0.43
Beta	0.96	-	0.96
R-Squared	96.79	-	96.58
Standard Deviation	9.63	9.87	9.57
Sharpe Ratio	0.83	0.79	0.72
Tracking Error	1.77	-	1.57
Information Ratio	0.13	-	-0.53
Up Capture Ratio	98.71	-	93.86
Down Capture Ratio	95.20	-	97.01

Portfolio Metrics

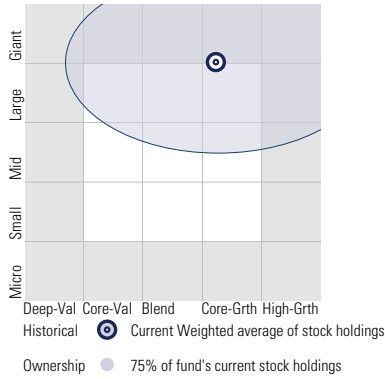
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.41	17.11	18.01
Price/Book Ratio	2.81	2.03	2.25
Avg Eff Duration	5.20	-	6.43

American Funds 2040 Trgt Date Retire R4 RDGTX

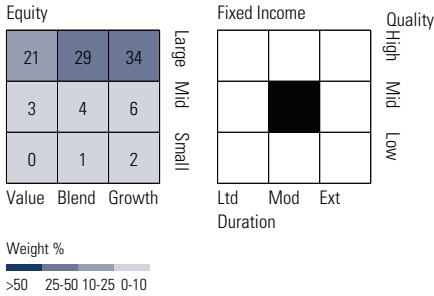
Morningstar Category
Target-Date 2040

Morningstar Index
Morningstar Lifetime Mod 2040 TR USD

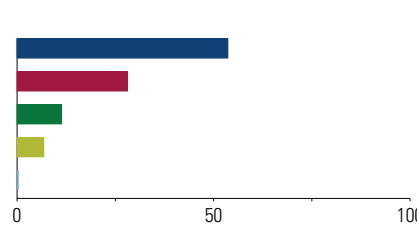
Style Analysis as of 09-30-2019
Morningstar Style Box™



Style Breakdown

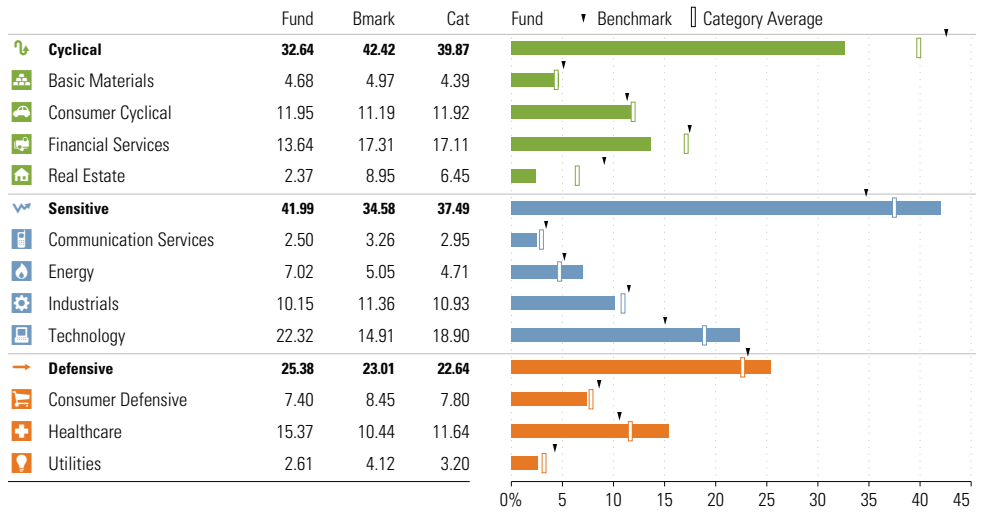


Asset Allocation as of 09-30-2019



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 R4 RDHTX

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 8 of the 10 years it's been in existence.

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

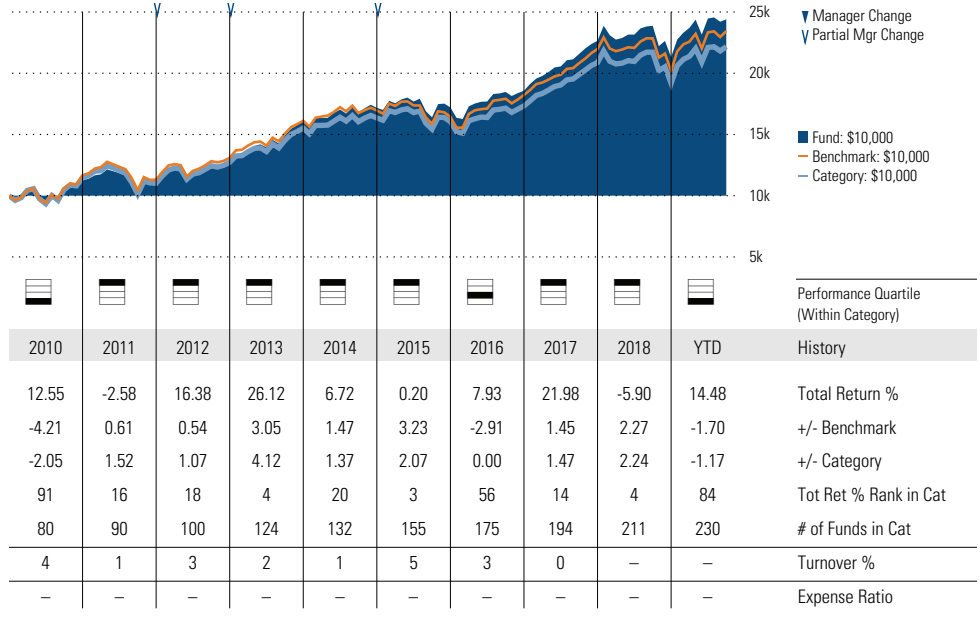
Style: The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.75 is 3.85% lower than the Target-Date 2045 category average.

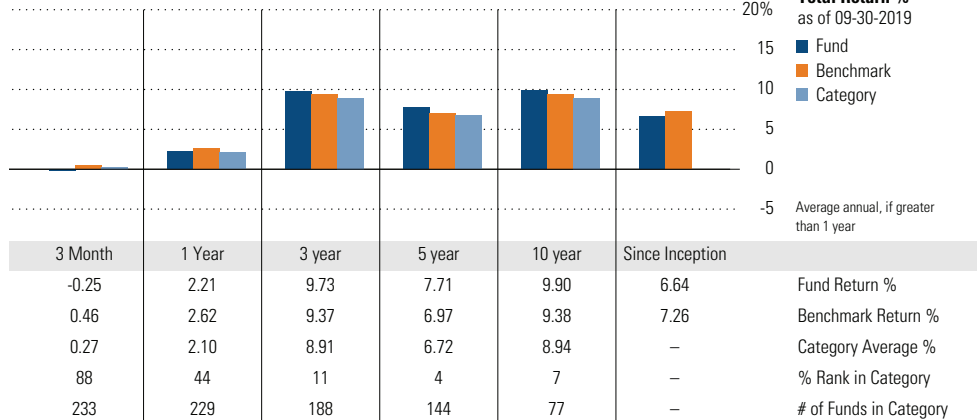
Morningstar Investment Management LLC Analysis

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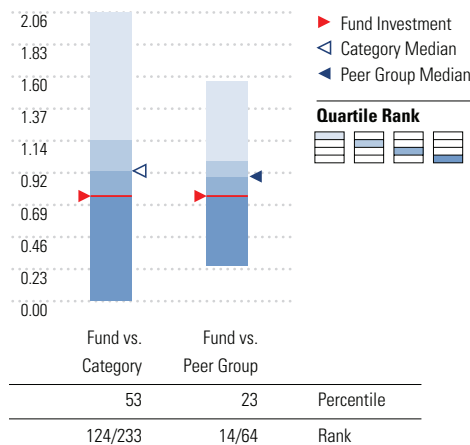
Growth of \$10,000



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	0.91	-	-0.33
Beta	0.93	-	0.98
R-Squared	96.76	-	98.35
Standard Deviation	9.80	10.33	10.19
Sharpe Ratio	0.83	0.76	0.72
Tracking Error	1.89	-	1.34
Information Ratio	0.19	-	-0.44
Up Capture Ratio	97.47	-	96.45
Down Capture Ratio	91.85	-	98.60

Portfolio Metrics

Metric	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

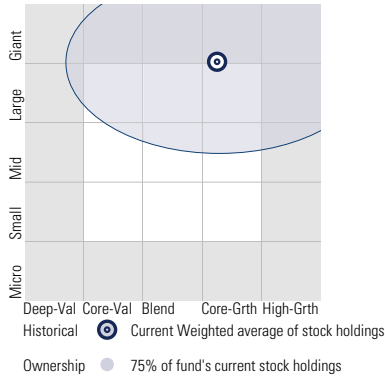
American Funds 2045 Trgt Date Retire R4 RDHTX

Morningstar Category
Target-Date 2045

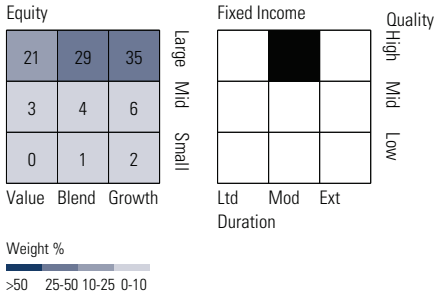
Morningstar Index
Morningstar Lifetime Mod 2045 TR USD

Style Analysis as of 09-30-2019

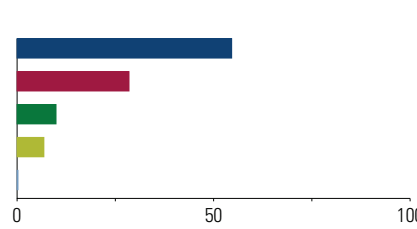
Morningstar Style Box™



Style Breakdown

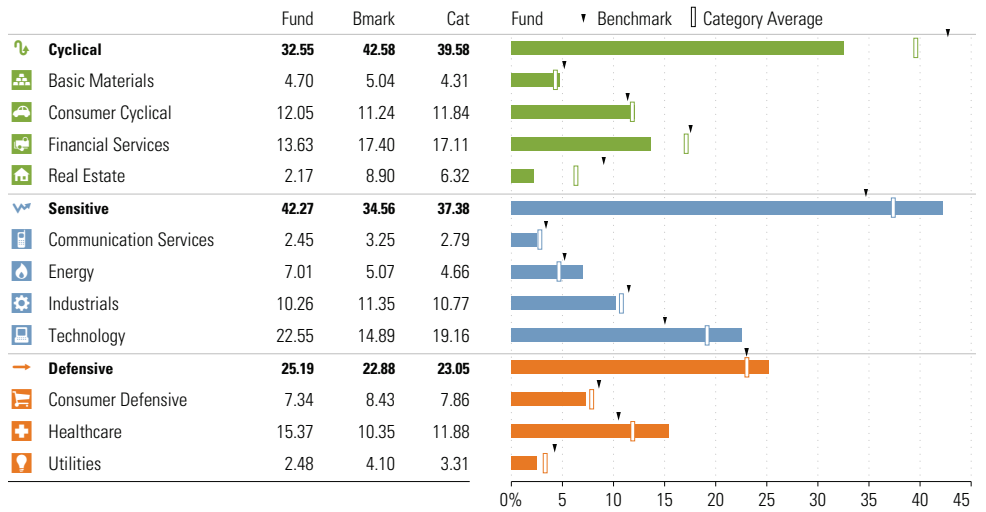


Asset Allocation as of 09-30-2019



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 R4 RDITX

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.

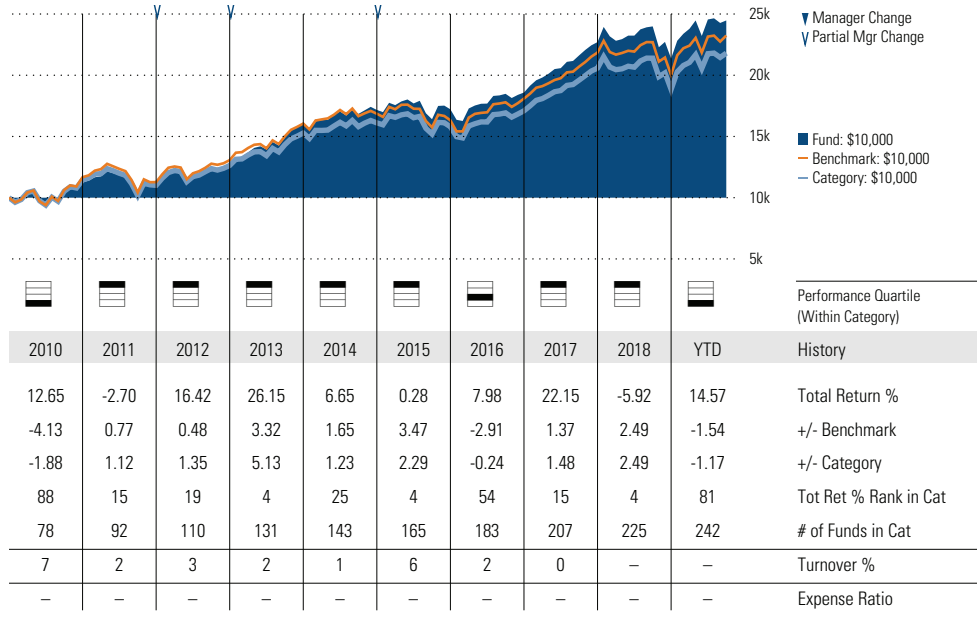
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.77 is 4.94% lower than the Target-Date 2050 category average.

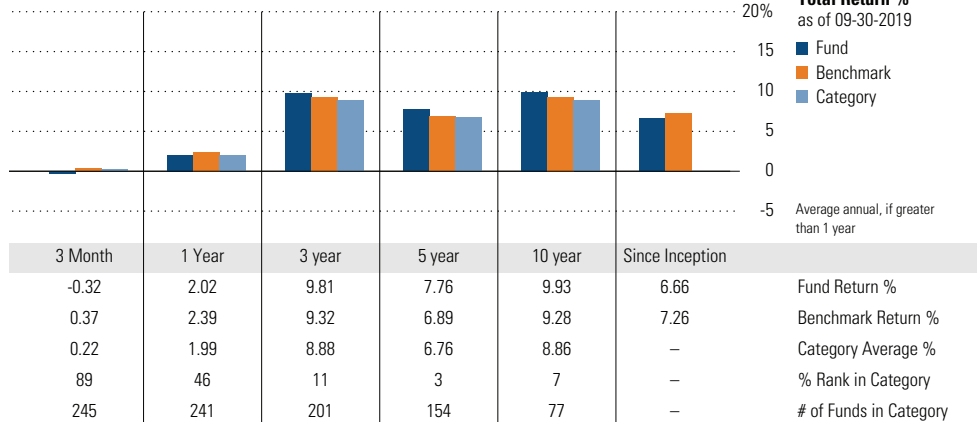
Morningstar Investment Management LLC Analysis

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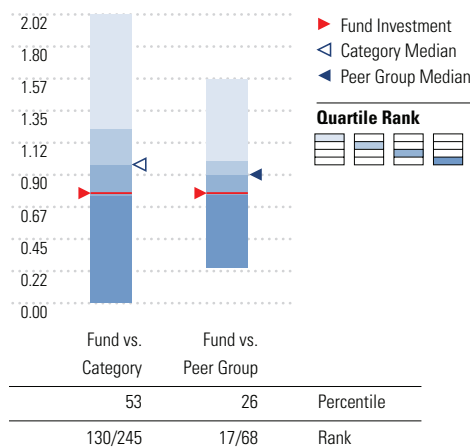
Growth of \$10,000



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	0.99	-	-0.28
Beta	0.94	-	0.97
R-Squared	96.69	-	96.67
Standard Deviation	9.98	10.45	10.28
Sharpe Ratio	0.83	0.75	0.70
Tracking Error	1.93	-	1.58
Information Ratio	0.26	-	-0.36
Up Capture Ratio	98.22	-	95.71
Down Capture Ratio	92.07	-	97.71

Portfolio Metrics

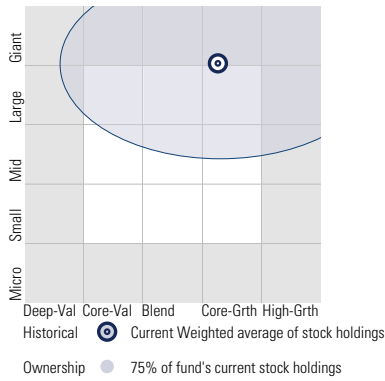
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.49	16.95	18.24
Price/Book Ratio	2.82	1.99	2.27
Avg Eff Duration	5.25	-	6.60

American Funds 2050 Trgt Date Retire R4 RDITX

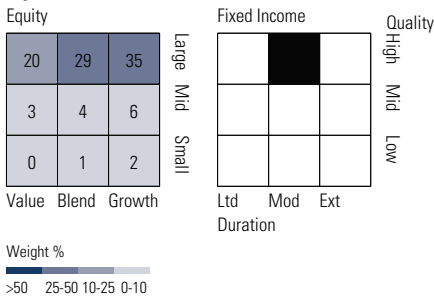
Morningstar Category
Target-Date 2050

Morningstar Index
Morningstar Lifetime Mod 2050 TR USD

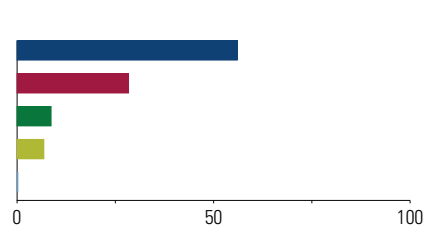
Style Analysis as of 09-30-2019
Morningstar Style Box™



Style Breakdown

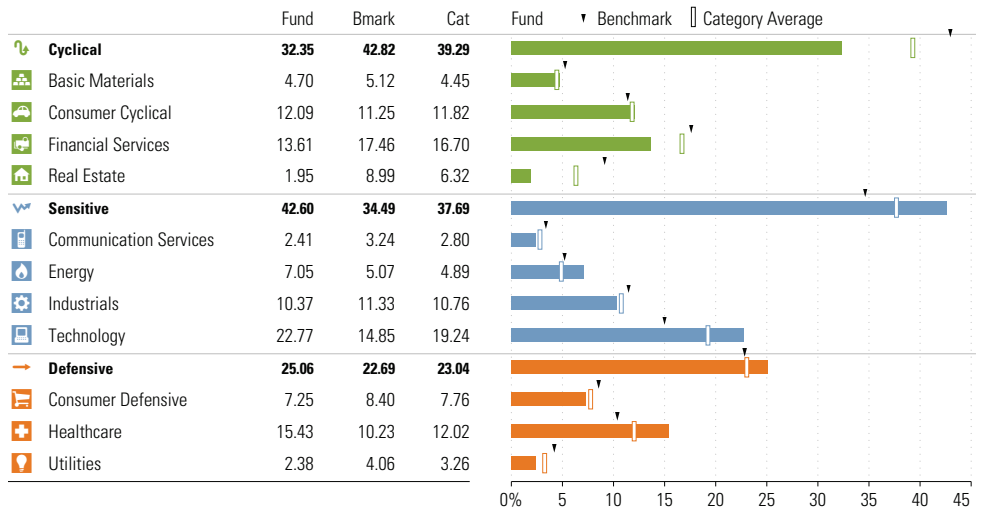


Asset Allocation as of 09-30-2019



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 R4 RDJTX

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.

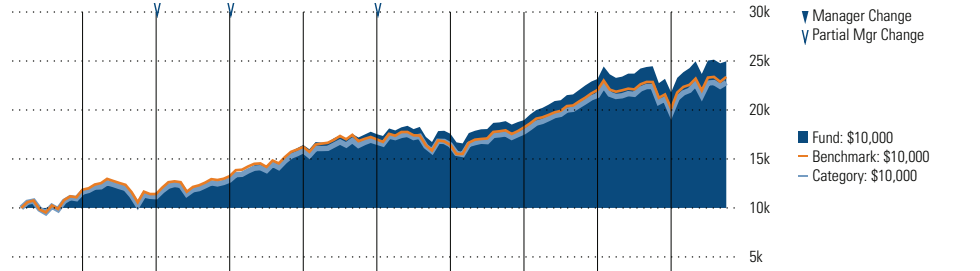
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.77 is 1.28% lower than the Target-Date 2055 category average.

Morningstar Investment Management LLC Analysis

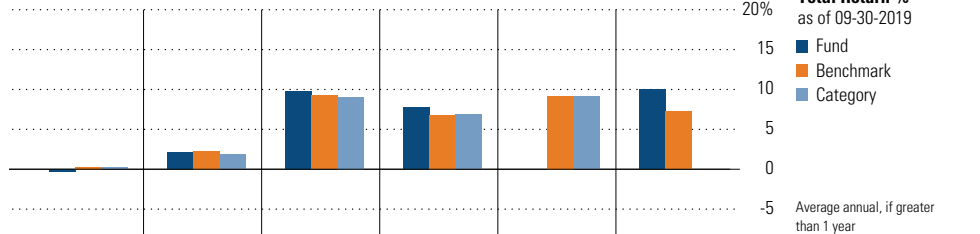
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

Growth of \$10,000



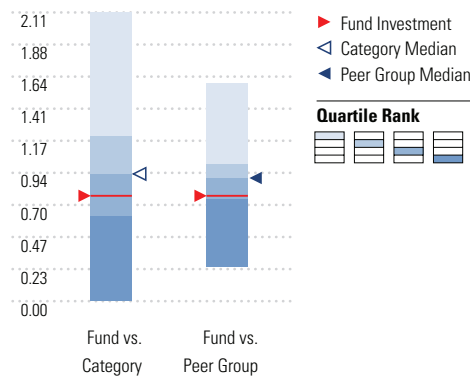
	2010	2011	2012	2013	2014	2015	2016	2017	2018	YTD	History
Performance Quartile (Within Category)											
Total Return %	-	-2.71	16.36	26.15	6.70	0.25	7.93	22.15	-5.92	14.56	Total Return %
+/- Benchmark	-	1.04	0.36	3.66	1.96	3.59	-2.97	1.20	2.65	-1.46	+/- Benchmark
+/- Category	-	1.42	0.84	3.01	1.21	1.96	-0.07	1.07	2.52	-1.30	+/- Category
Tot Ret % Rank in Cat	-	14	25	6	25	3	57	20	4	84	Tot Ret % Rank in Cat
# of Funds in Cat	-	47	76	99	111	150	173	192	211	230	# of Funds in Cat
Turnover %	44	23	10	6	2	6	3	1	-	-	Turnover %
Expense Ratio	-	-	-	-	-	-	-	-	-	-	Expense Ratio

Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	
Fund Return %	-0.31	2.07	9.80	7.75	-	9.99	Fund Return %
Benchmark Return %	0.31	2.29	9.26	6.81	9.17	7.23	Benchmark Return %
Category Average %	0.20	1.84	9.04	6.84	9.09	-	Category Average %
% Rank in Category	88	44	15	4	-	-	% Rank in Category
# of Funds in Category	233	229	186	138	-	-	# of Funds in Category

Net Expense



	Fund vs. Category	Fund vs. Peer Group	Percentile Rank
57	29	133/233	18/64

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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.06	-	-0.19
Beta	0.94	-	0.99
R-Squared	96.73	-	98.37
Standard Deviation	9.98	10.49	10.46
Sharpe Ratio	0.83	0.74	0.72
Tracking Error	1.93	-	1.35
Information Ratio	0.28	-	-0.25
Up Capture Ratio	98.10	-	98.09
Down Capture Ratio	91.43	-	99.36

Portfolio Metrics

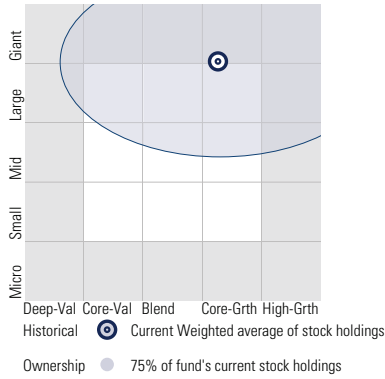
	Fund	Bmark	Cat
Price/Earnings Ratio	19.49	16.88	17.99
Price/Book Ratio	2.82	1.98	2.24
Avg Eff Duration	5.25	-	6.45

American Funds 2055 Trgt Date Retire R4 RDJTX

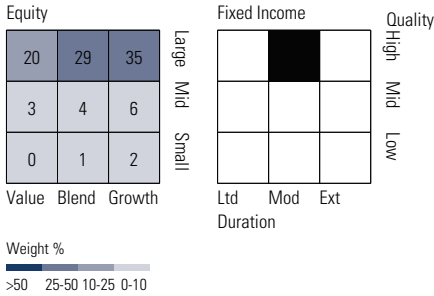
Morningstar Category
Target-Date 2055

Morningstar Index
Morningstar Lifetime Mod 2055 TR USD

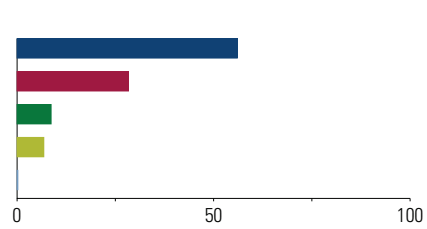
Style Analysis as of 09-30-2019
Morningstar Style Box™



Style Breakdown

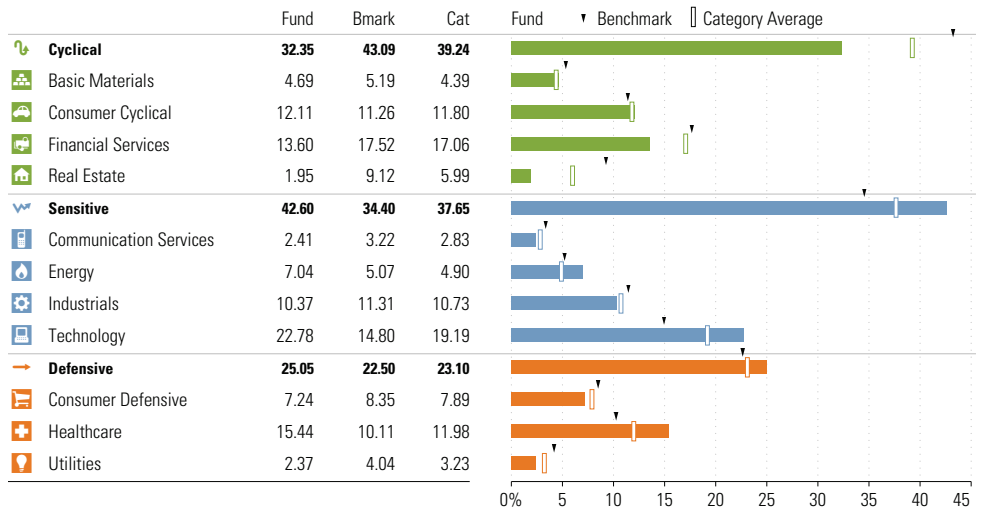


Asset Allocation as of 09-30-2019



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 R4 RDKTX

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.

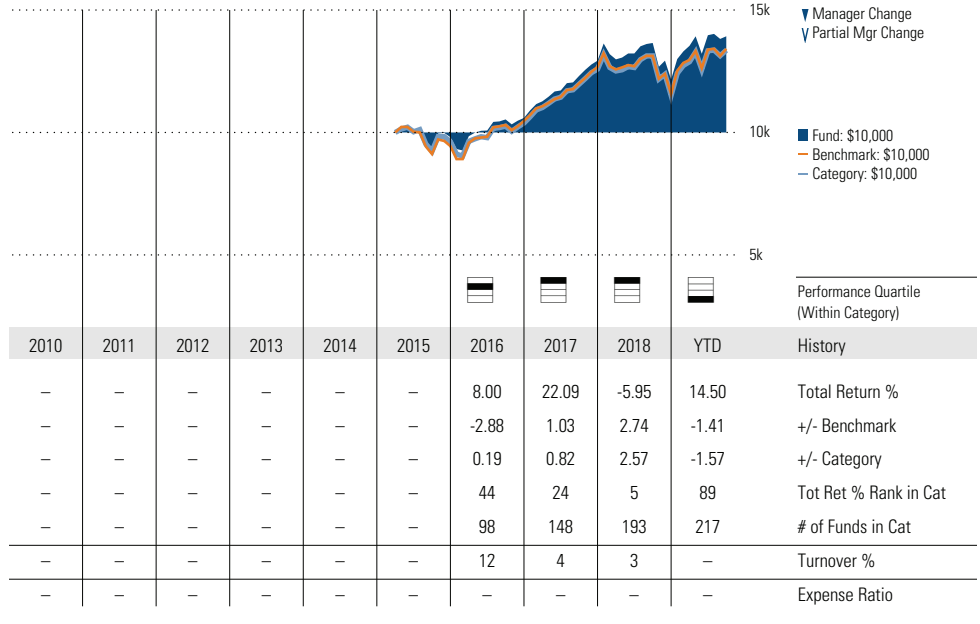
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.79 is 2.47% lower than the Target-Date 2060+ category average.

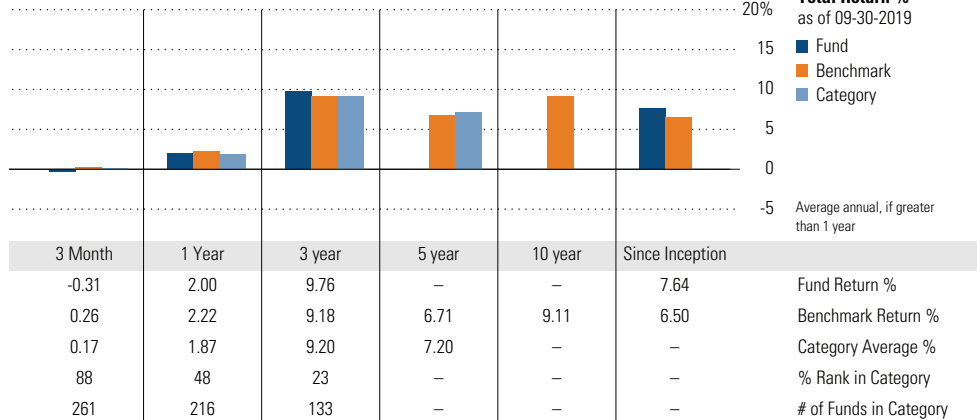
Morningstar Investment Management LLC Analysis

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.

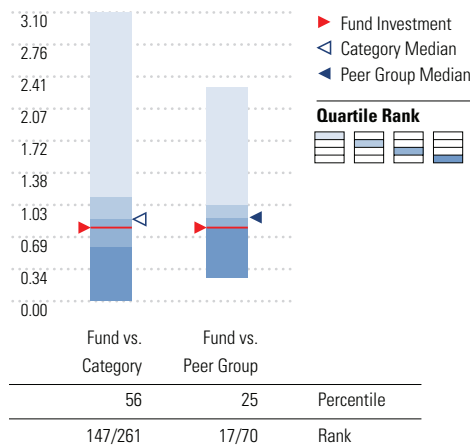
Growth of \$10,000



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	1.09	-	-0.02
Beta	0.94	-	1.00
R-Squared	96.75	-	98.24
Standard Deviation	9.97	10.48	10.53
Sharpe Ratio	0.82	0.74	0.73
Tracking Error	1.92	-	1.41
Information Ratio	0.30	-	-0.08
Up Capture Ratio	98.24	-	99.52
Down Capture Ratio	91.36	-	99.74

Portfolio Metrics

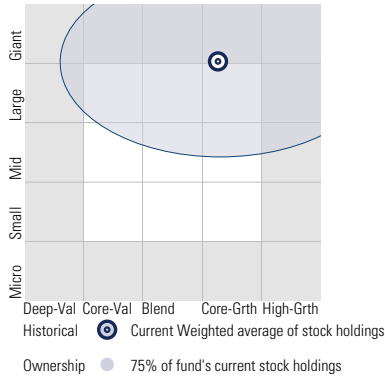
	Fund	Bmark	Cat
Price/Earnings Ratio	19.49	16.81	17.87
Price/Book Ratio	2.82	1.96	2.21
Avg Eff Duration	5.25	-	6.85

American Funds 2060 Trgt Date Retire R4 RDKTX

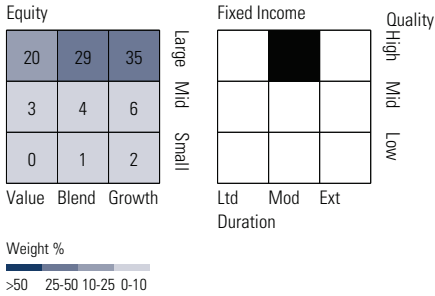
Morningstar Category
Target-Date 2060+

Morningstar Index
Morningstar Lifetime Mod 2060 TR USD

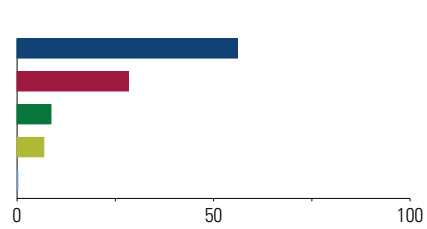
Style Analysis as of 09-30-2019
Morningstar Style Box™



Style Breakdown

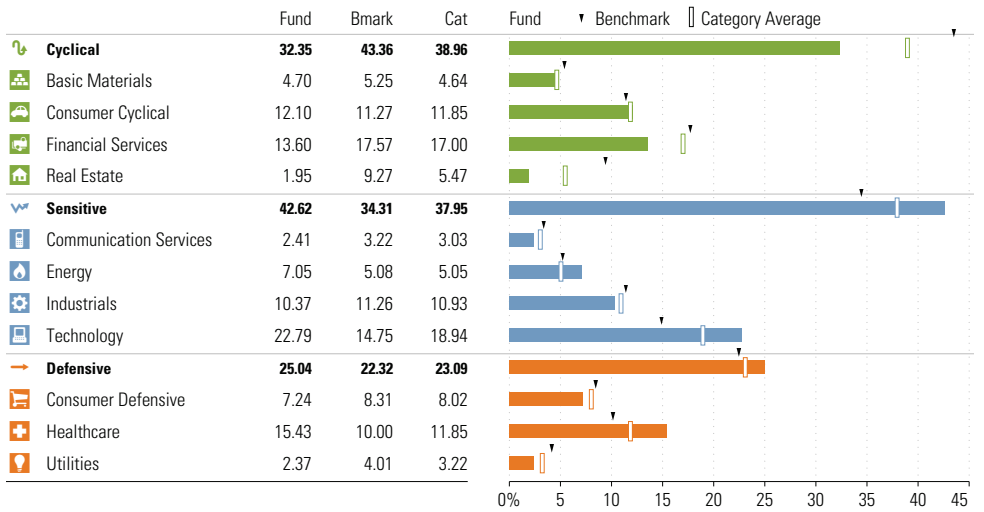


Asset Allocation as of 09-30-2019



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 AMCAP R4 RAFEX

Morningstar Category
Large Growth

Morningstar Index
Russell 1000 Growth TR USD

Portfolio Manager(s)

Claudia Huntington since 05-1996
Barry Crosthwaite since 05-2006
Eric Richter since 05-2008
Lawrence Solomon since 05-2011
James Terrile since 05-2011
Aidan O'Connell since 07-2015

Quantitative Screens

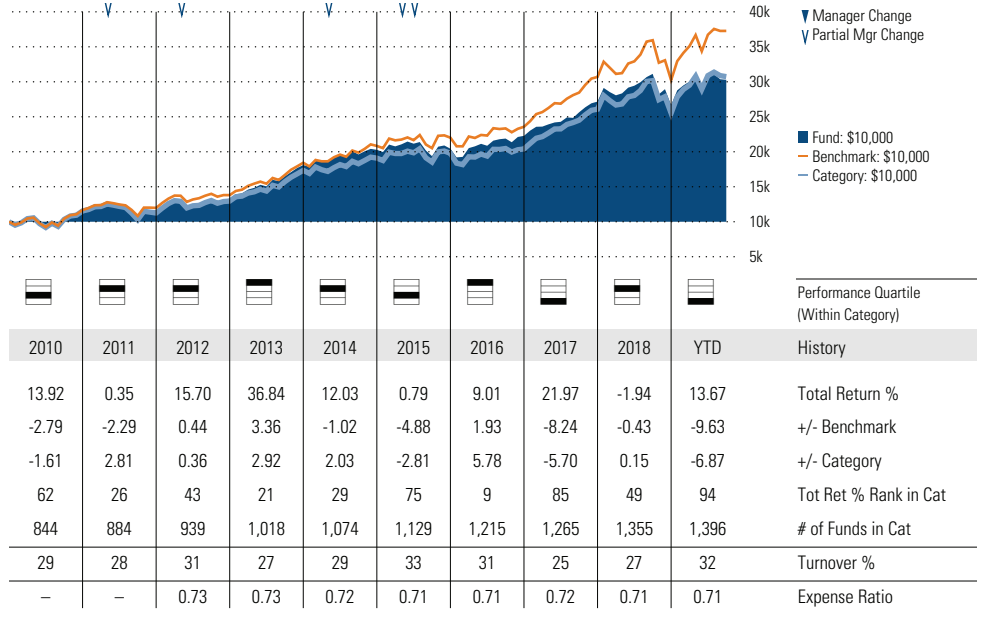
Performance: The fund has finished in the Large Growth category's top three quartiles in 8 of the 10 years it's been in existence.

Management: The fund's management has been in place for 23.43 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 0.71 is 31.73% lower than the Large Growth category average.

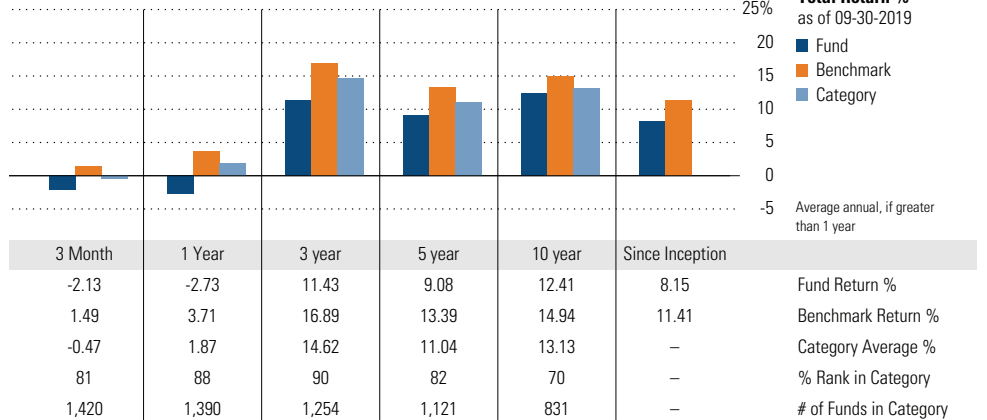
Growth of \$10,000



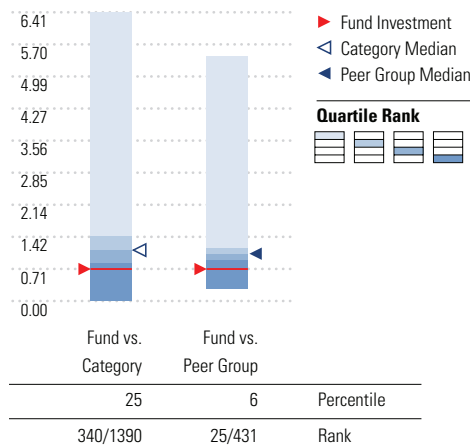
Morningstar Investment Management LLC Analysis

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	-3.24	-	-1.63
Beta	0.90	-	0.99
R-Squared	91.65	-	91.12
Standard Deviation	12.47	13.30	13.80
Sharpe Ratio	0.80	1.12	0.96
Tracking Error	3.85	-	4.12
Information Ratio	-1.42	-	-0.65
Up Capture Ratio	81.14	-	92.49
Down Capture Ratio	98.06	-	99.37

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	23.91	25.98	26.42
Price/Book Ratio	4.21	7.55	6.09
Geom Avg Mkt Cap \$B	63.98	125.13	169.04
ROE	23.37	34.85	29.93

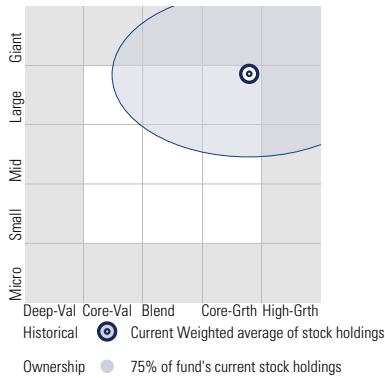
American Funds AMCAP R4 RAFEX

Morningstar Category
Large Growth

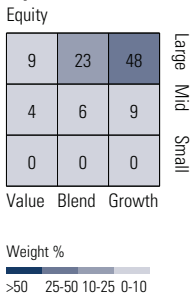
Morningstar Index
Russell 1000 Growth TR USD

Style Analysis as of 09-30-2019

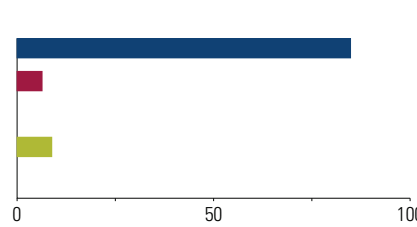
Morningstar Style Box™



Style Breakdown

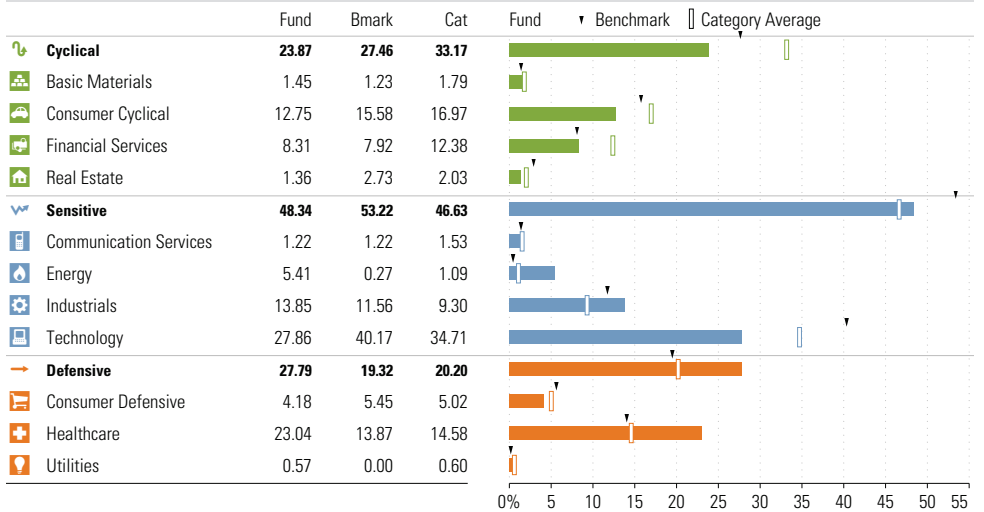


Asset Allocation as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	84.84	91.88
Non-US Stocks	6.35	5.58
Bonds	0.00	0.04
Cash	8.81	2.07
Other	0.00	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	9.01	9.01	-	-
Abbott Laboratories	3.14	12.15	17.01	Healthcare
Microsoft Corp	2.73	14.88	38.24	Technology
Facebook Inc A	2.61	17.50	35.85	Technology
Netflix Inc	2.58	20.07	-0.01	Consumer Cyclical
UnitedHealth Group Inc	2.22	22.29	-11.54	Healthcare
Broadcom Inc	2.00	24.29	11.70	Technology
Amazon.com Inc	1.92	26.21	15.58	Consumer Cyclical
Mastercard Inc A	1.79	28.00	44.48	Financial Services
EOG Resources Inc	1.69	29.70	-14.06	Energy
Thermo Fisher Scientific Inc	1.63	31.33	30.41	Healthcare
Amgen Inc	1.49	32.82	1.64	Healthcare
Alphabet Inc Class C	1.37	34.18	17.71	Technology
TransDigm Group Inc	1.35	35.54	61.93	Industrials
Fidelity National Information Services Inc	1.34	36.87	30.48	Industrials

Total Holdings 203

⊕ Increase ⊖ Decrease ✨ New to Portfolio

American Funds Capital Income Bldr R4 RIREX

Morningstar Category
World Allocation

Morningstar Index
Morningstar Gbl Allocation TR USD

Portfolio Manager(s)

James Lovelace since 01-1992
 Joyce Gordon since 01-2000
 David Riley since 01-2004
 David Hoag since 01-2004
 Steven Watson since 01-2007
 Winnie Kwan since 01-2007
 Bradley Vogt since 01-2009
 L. Barroso since 01-2010
 Grant Cambridge since 01-2013
 Philip Winston since 01-2014
 Fergus MacDonald since 01-2015

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 27.76 years.

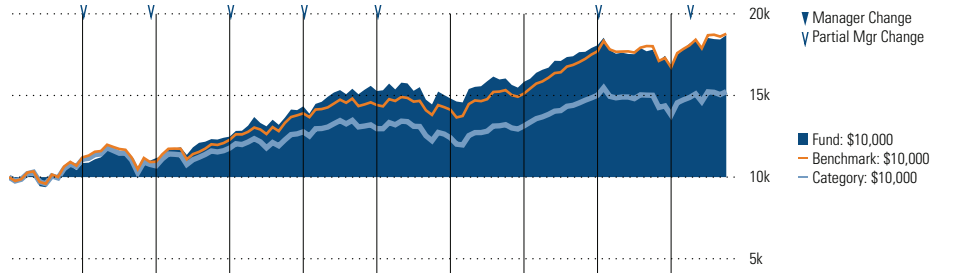
✔ **Style:** The fund has landed in its primary style box — Large Value — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.64 is 43.86% lower than the World Allocation category average.

Morningstar Investment Management LLC Analysis

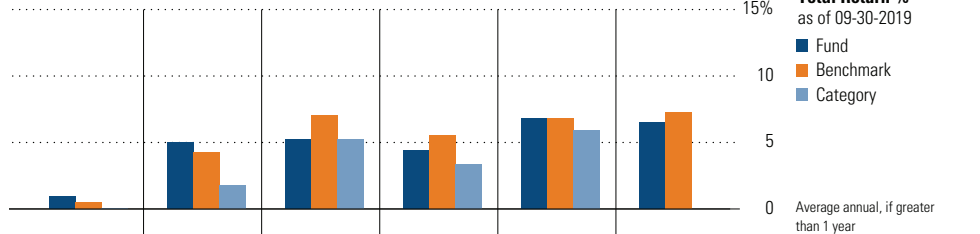
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

Growth of \$10,000



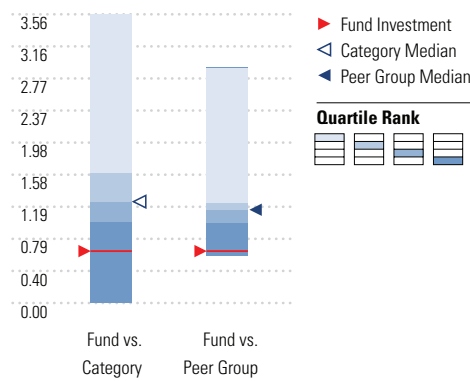
2010	2011	2012	2013	2014	2015	2016	2017	2018	YTD	History
8.61	2.79	11.78	14.86	6.56	-2.98	6.87	14.15	-7.08	11.30	Total Return %
-3.51	5.18	-0.46	1.67	2.90	-1.00	-0.13	-2.97	-1.52	-1.00	+/- Benchmark
-1.97	6.78	1.04	4.79	5.02	1.17	0.83	-0.64	1.18	0.65	+/- Category
75	10	41	37	6	48	28	58	36	44	Tot Ret % Rank in Cat
187	217	252	284	300	323	358	380	412	460	# of Funds in Cat
42	47	68	69	55	63	47	73	-	-	Turnover %
-	-	0.66	0.65	0.67	0.64	0.65	0.64	0.64	-	Expense Ratio

Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	
0.94	5.02	5.24	4.40	6.84	6.48	Fund Return %
0.48	4.24	7.00	5.53	6.78	7.29	Benchmark Return %
0.07	1.75	5.21	3.34	5.90	-	Category Average %
27	17	54	30	23	-	% Rank in Category
471	450	376	309	183	-	# of Funds in Category

Net Expense



Fund vs. Category	Fund vs. Peer Group	Percentile Rank
9	2	42/459
		3/157

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	-	-1.83
Beta	0.94	-	1.02
R-Squared	88.44	-	86.55
Standard Deviation	7.02	7.04	7.74
Sharpe Ratio	0.53	0.77	0.49
Tracking Error	2.43	-	2.88
Information Ratio	-0.73	-	-0.72
Up Capture Ratio	89.14	-	90.00
Down Capture Ratio	104.02	-	107.10

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.23	17.30	15.96
Price/Book Ratio	2.34	2.08	1.79
Avg Eff Duration	5.13	7.26	5.97

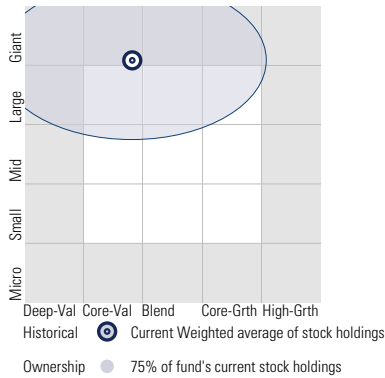
American Funds Capital Income Bldr R4 RIREX

Morningstar Category
World Allocation

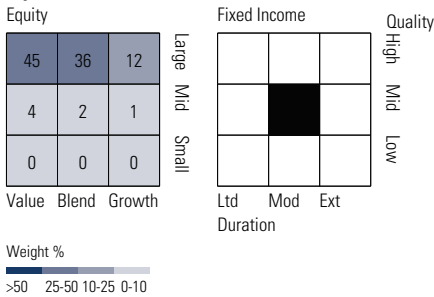
Morningstar Index
Morningstar Gbl Allocation TR USD

Style Analysis as of 09-30-2019

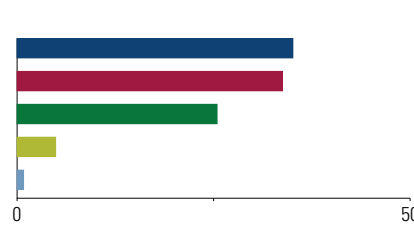
Morningstar Style Box™



Style Breakdown

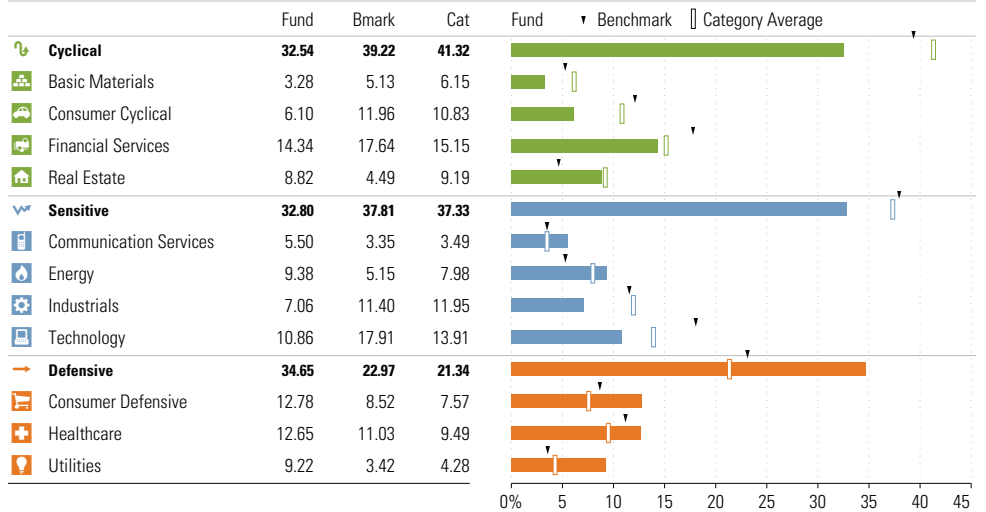


Asset Allocation as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	35.08	28.89
Non-US Stocks	33.76	26.04
Bonds	25.44	28.45
Cash	4.90	9.46
Other	0.82	7.16
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
Capital Group Central Cash Fund	—	4.68	4.68	—	—
AbbVie Inc	—	2.07	6.75	-14.38	Healthcare
Coca-Cola Co	—	1.91	8.66	17.51	Consumer Defensive
Broadcom Inc	—	1.79	10.46	11.70	Technology
Microsoft Corp	—	1.64	12.10	38.24	Technology
Novartis AG	—	1.61	13.71	18.28	Healthcare
Zurich Insurance Group AG	—	1.55	15.26	36.81	Financial Services
Amgen Inc	—	1.53	16.79	1.64	Healthcare
Crown Castle International Corp	—	1.49	18.27	31.07	Real Estate
Royal Dutch Shell PLC B	—	1.42	19.69	7.13	Energy

Total Holdings 1387

⊕ Increase ⊖ Decrease ✨ New to Portfolio

American Funds Europacific Growth R4 REREX

Morningstar Category
Foreign Large Growth

Morningstar Index
MSCI EAFE NR USD

Portfolio Manager(s)

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

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 18.34 years.

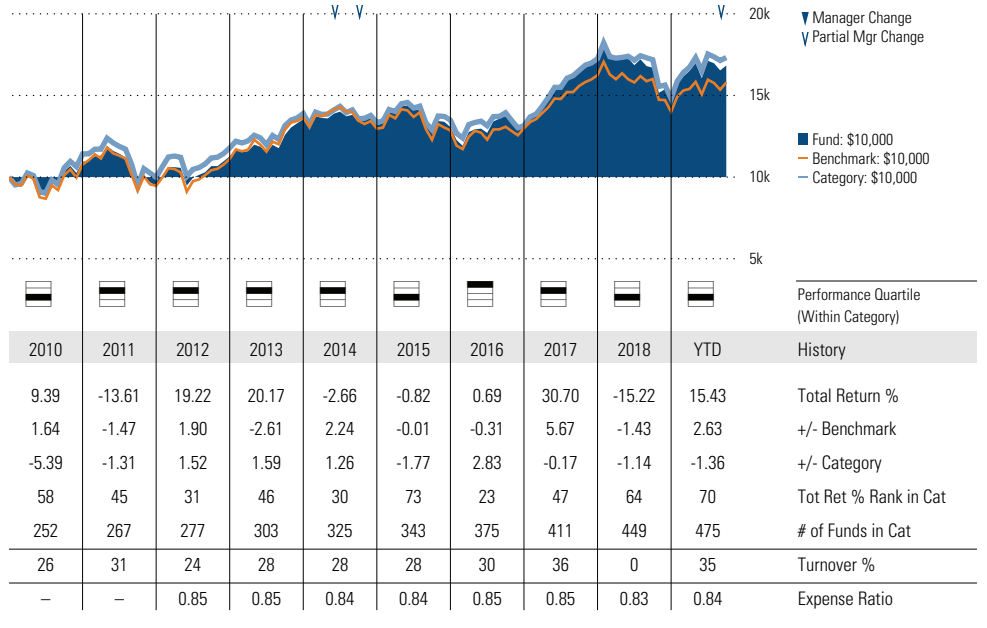
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.84 is 25.66% lower than the Foreign Large Growth category average.

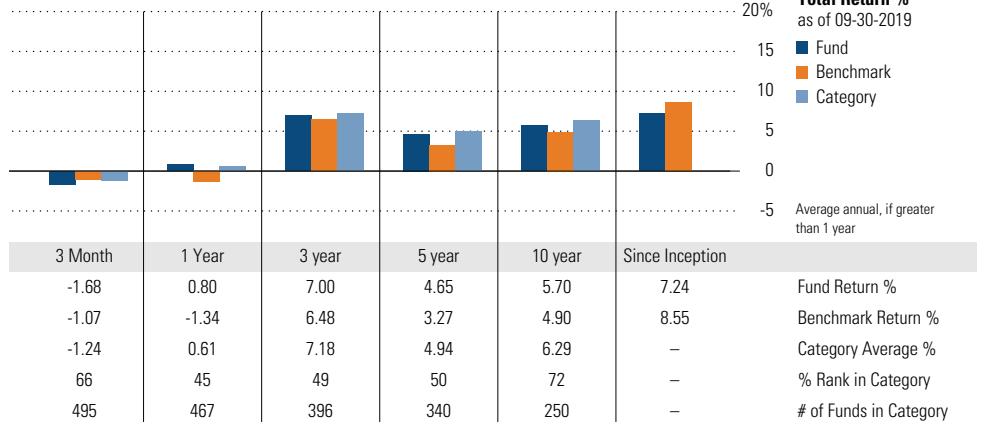
Morningstar Investment Management LLC Analysis

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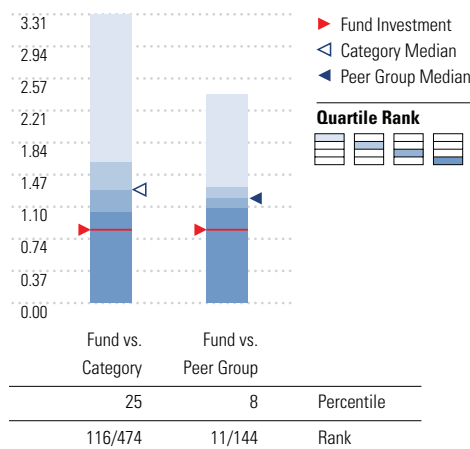
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.27	-	0.58
Beta	1.05	-	1.03
R-Squared	90.12	-	-
Standard Deviation	12.26	11.07	12.56
Sharpe Ratio	0.48	0.48	0.46
Tracking Error	3.90	-	5.20
Information Ratio	0.13	-	0.11
Up Capture Ratio	98.67	-	98.91
Down Capture Ratio	94.28	-	93.55

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.06	15.97	22.11
Price/Book Ratio	2.28	1.56	3.08
Geom Avg Mkt Cap \$B	44.15	35.74	39.99
ROE	17.63	16.29	20.08

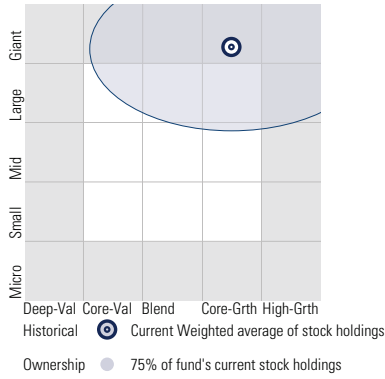
American Funds Europacific Growth R4 REREX

Morningstar Category
Foreign Large Growth

Morningstar Index
MSCI EAFE NR USD

Style Analysis as of 09-30-2019

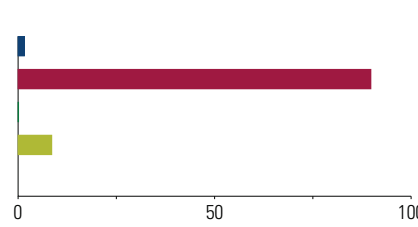
Morningstar Style Box™



Style Breakdown

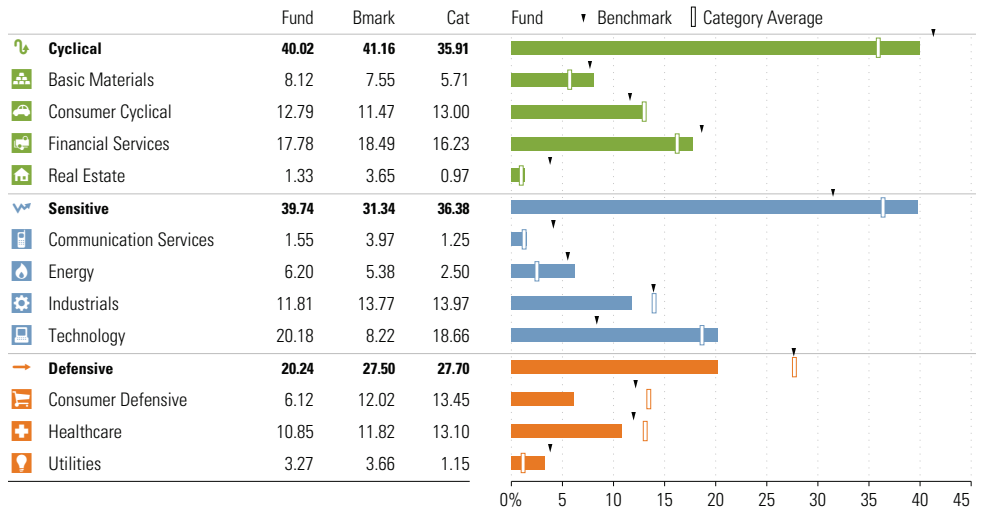


Asset Allocation as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	1.59	8.20
Non-US Stocks	89.75	88.19
Bonds	0.11	0.04
Cash	8.55	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	48.50	30.83	Americas	12.05	15.21	Greater Europe	39.44	53.95	Developed Markets	71.33
Japan	15.35	13.01	North America	5.32	13.02	United Kingdom	9.02	12.58	Emerging Markets	28.67
Australasia	1.19	2.16	Central/Latin	6.73	2.19	W euro-ex UK	28.66	40.14	Not Available	0.00
Asia-4 Tigers	11.36	6.39				Emrgng Europe	0.78	0.38		
Asia-ex 4 Tigers	20.60	9.27				Africa	0.98	0.85		
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	8.12	8.12	—	—
⊖ Airbus SE	2.61	10.73	43.94	Industrials
⊖ AIA Group Ltd	2.56	13.29	15.89	Financial Services
⊕ Nintendo Co Ltd	2.41	15.71	38.84	Technology
⊕ Reliance Industries Ltd	2.38	18.09	19.40	Energy
⊖ HDFC Bank Ltd	2.32	20.40	16.65	Financial Services
⊖ Alibaba Group Holding Ltd ADR	2.12	22.53	22.00	Consumer Cyclical
⊕ ASML Holding NV	1.95	24.47	67.21	Technology
⊖ Samsung Electronics Co Ltd	1.61	26.09	—	Technology
⊖ Daiichi Sankyo Co Ltd	1.56	27.64	95.78	Healthcare

Total Holdings 322

⊕ Increase ⊖ Decrease ✱ New to Portfolio

BNY Mellon International Stock Index Inv DIISX

Morningstar Category
Foreign Large Blend

Morningstar Index
MSCI ACWI Ex USA NR USD

Portfolio Manager(s)

Richard Brown since 04-2007
Karen Wong since 04-2007
Thomas Durante since 06-2010

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 12.45 years.

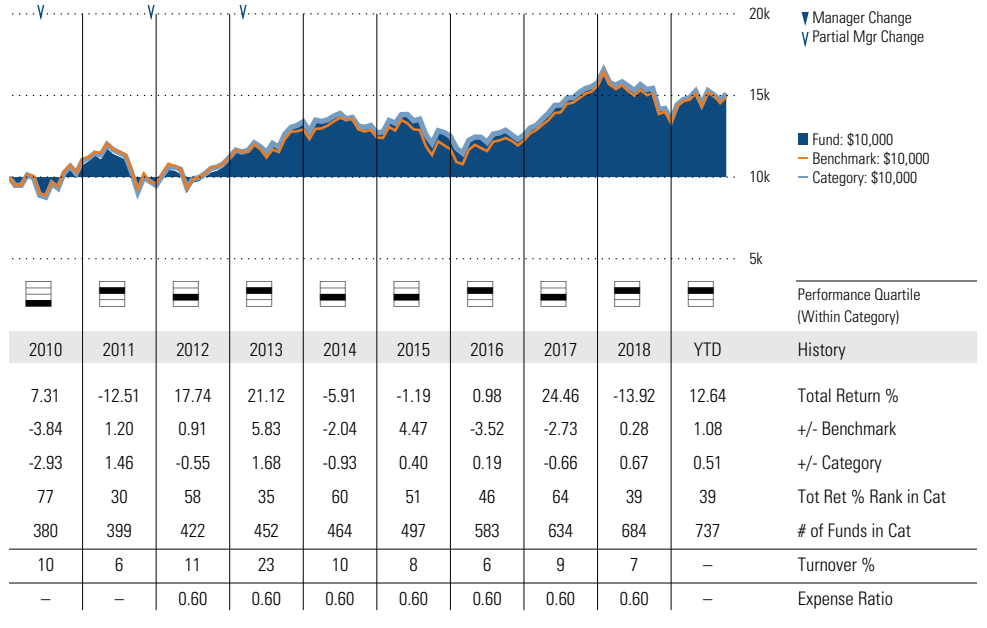
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.6 is 39.39% lower than the Foreign Large Blend category average.

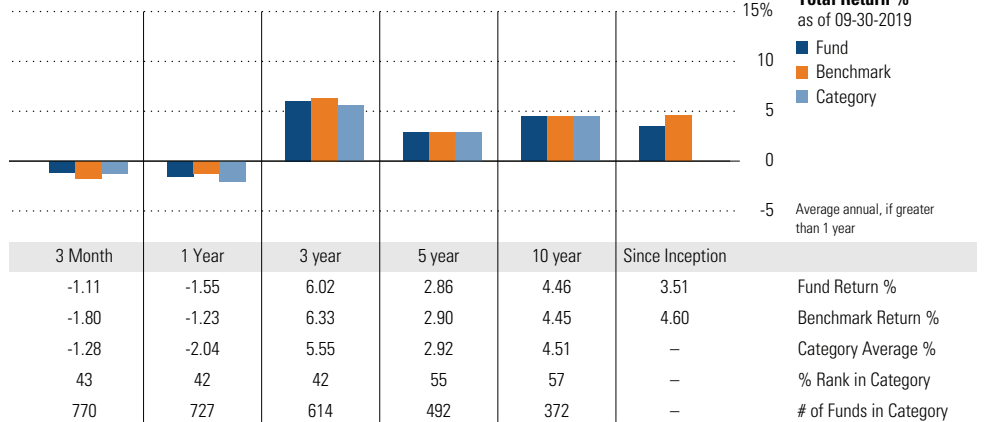
Morningstar Investment Management LLC Analysis

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.

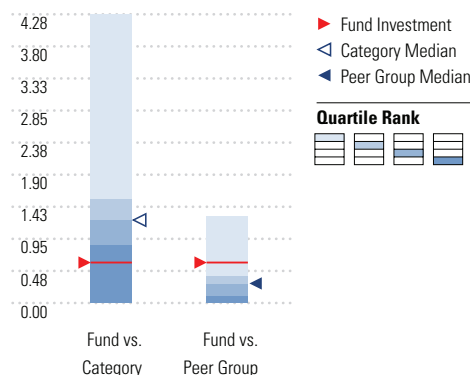
Growth of \$10,000



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	-0.03	-	-0.78
Beta	0.96	-	0.98
R-Squared	97.15	-	92.53
Standard Deviation	11.11	11.45	11.70
Sharpe Ratio	0.44	0.45	0.37
Tracking Error	1.94	-	3.17
Information Ratio	-0.16	-	-0.32
Up Capture Ratio	96.32	-	94.57
Down Capture Ratio	96.93	-	99.17

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	15.97	14.87	15.67
Price/Book Ratio	1.56	1.57	1.66
Geom Avg Mkt Cap \$B	35.74	33.84	39.13
ROE	16.28	16.14	17.80

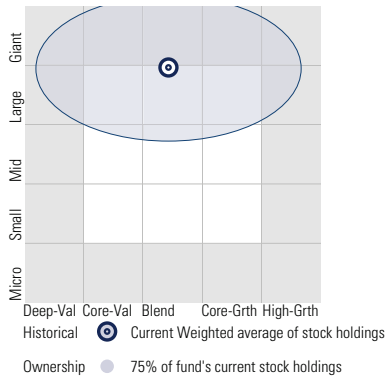
BNY Mellon International Stock Index Inv DIISX

Morningstar Category
Foreign Large Blend

Morningstar Index
MSCI ACWI Ex USA NR USD

Style Analysis as of 09-30-2019

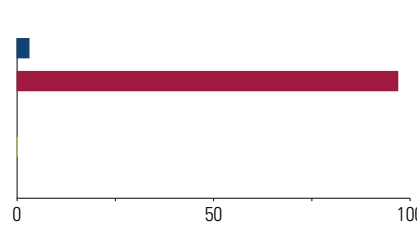
Morningstar Style Box™



Style Breakdown

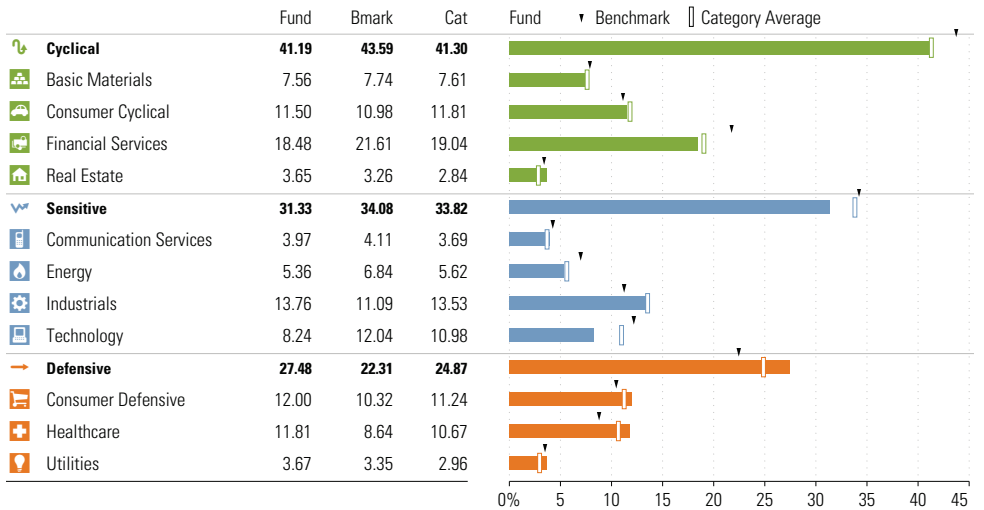


Asset Allocation as of 09-30-2019

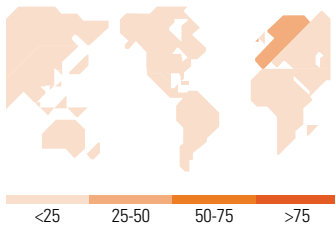


Asset Class	Net %	Cat %
US Stocks	3.03	3.97
Non-US Stocks	96.86	93.13
Bonds	0.00	-0.32
Cash	0.10	2.53
Other	0.00	0.69
Total	100.00	100.00

Sector Weighting as of 09-30-2019



World Regions % Equity 09-30-2019



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %
Greater Asia	36.94	36.43	Americas	1.66	8.45	Greater Europe	61.40	55.12	Market Maturity	Fund %
Japan	24.64	19.66	North America	1.62	7.36	United Kingdom	15.90	14.36	Developed Markets	99.28
Australasia	7.08	4.98	Central/Latin	0.04	1.09	W euro-ex UK	45.03	39.52	Emerging Markets	0.72
Asia-4 Tigers	4.57	6.53				Emrgng Europe	0.03	0.44	Not Available	0.00
Asia-ex 4 Tigers	0.65	5.26				Africa	0.44	0.80		
Not Classified	0.00	0.00								

Top 10 Holdings as of 09-30-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Nestle SA	2.37	2.37	38.76	Consumer Defensive
Roche Holding AG Dividend Right Cert.	1.46	3.84	22.90	Healthcare
⊕ Msci Eafe Dec19	1.44	5.27	—	—
Novartis AG	1.33	6.61	18.28	Healthcare
HSBC Holdings PLC	1.11	7.71	1.47	Financial Services
Toyota Motor Corp	1.09	8.81	14.52	Consumer Cyclical
BP PLC	0.92	9.72	8.87	Energy
Royal Dutch Shell PLC Class A	0.91	10.63	8.12	Energy
Total SA	0.88	11.52	7.89	Energy
AstraZeneca PLC	0.83	12.35	27.36	Healthcare

Total Holdings 927

⊕ Increase ⊖ Decrease ✱ New to Portfolio

BNY Mellon MidCap Index Inv PESPX

Morningstar Category

Mid-Cap Blend

Morningstar Index

Russell Mid Cap TR USD

Portfolio Manager(s)

Thomas Durante since 03-2000

Karen Wong since 06-2010

Richard Brown since 06-2010

Quantitative Screens

✔ **Performance:** The fund has finished in the Mid-Cap 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 19.51 years.

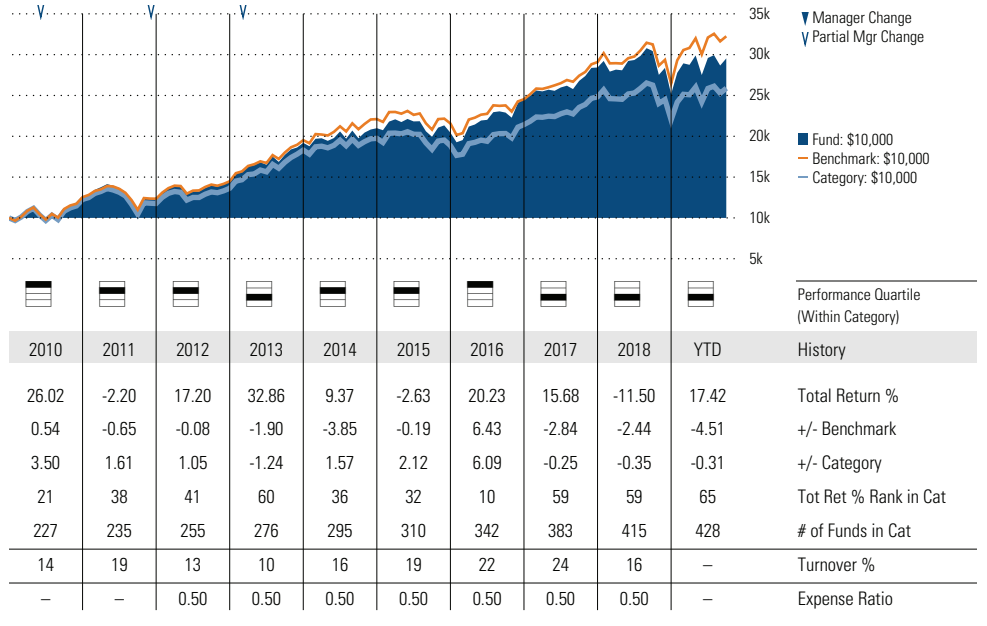
✔ **Style:** The fund has landed in its primary style box — Mid-Cap Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.5 is 50% lower than the Mid-Cap Blend category average.

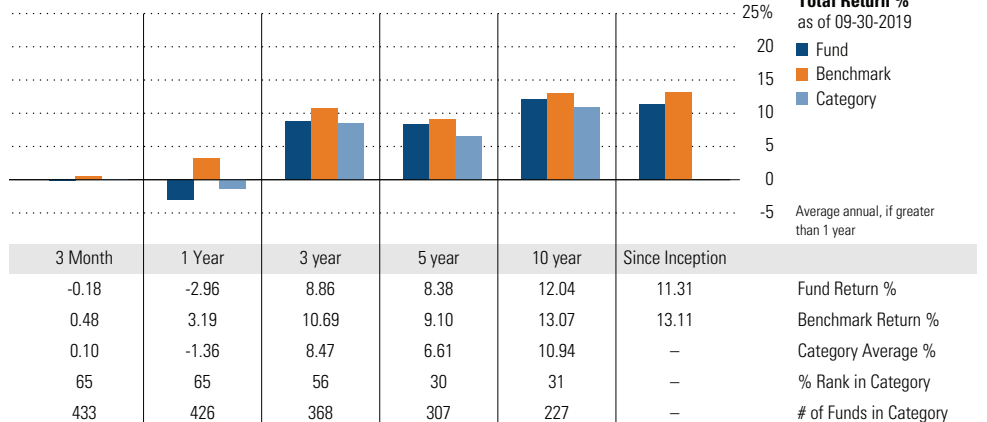
Morningstar Investment Management LLC Analysis

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.

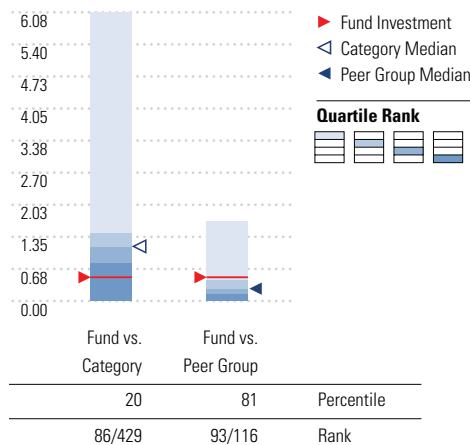
Growth of \$10,000



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

Metric	Fund	Bmark	Cat
Alpha	-2.71	-	-2.34
Beta	1.12	-	1.03
R-Squared	96.17	-	91.67
Standard Deviation	15.31	13.44	14.43
Sharpe Ratio	0.53	0.70	0.52
Tracking Error	3.39	-	4.23
Information Ratio	-0.54	-	-0.60
Up Capture Ratio	104.57	-	94.31
Down Capture Ratio	121.06	-	106.97

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.76	19.79	20.13
Price/Book Ratio	2.11	2.54	2.35
Geom Avg Mkt Cap \$B	5.23	13.51	8.23
ROE	15.06	16.12	14.43

BNY Mellon MidCap Index Inv PESPX

Morningstar Category

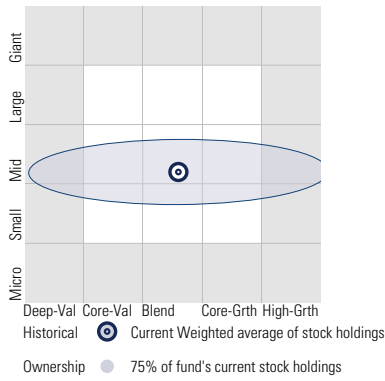
Mid-Cap Blend

Morningstar Index

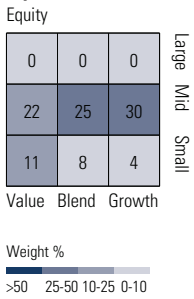
Russell Mid Cap TR USD

Style Analysis as of 09-30-2019

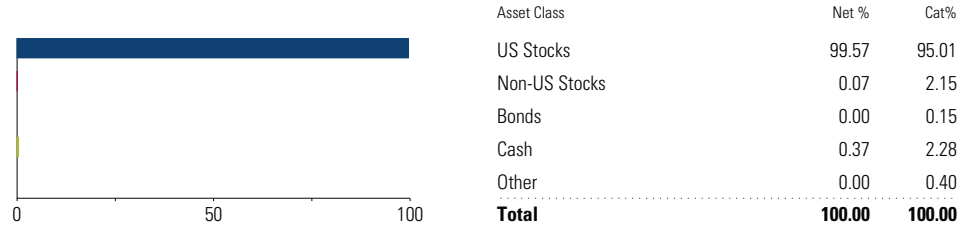
Morningstar Style Box™



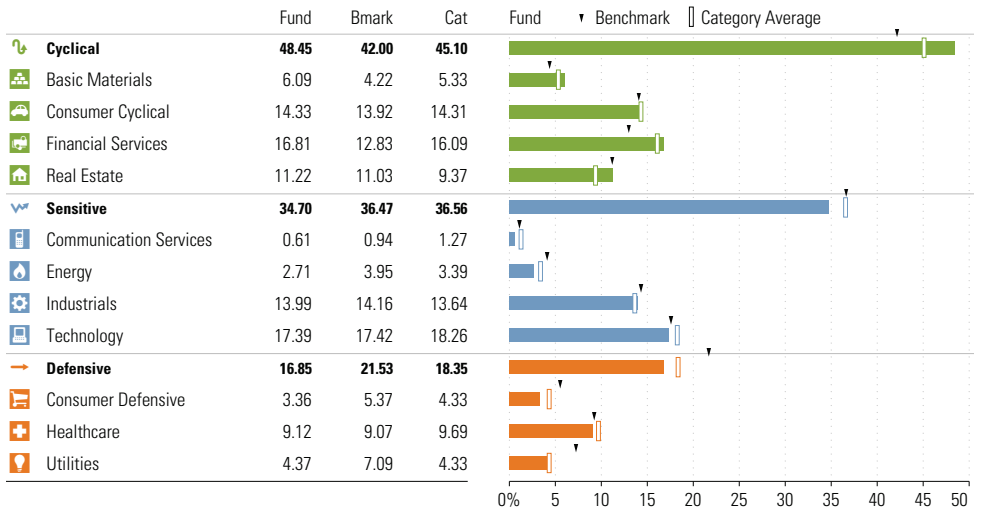
Style Breakdown



Asset Allocation as of 09-30-2019



Sector Weighting as of 09-30-2019



Top 15 Holdings as of 09-30-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ S&P Mid 400 Emini Dec19	0.75	0.75	-	-
⊖ Steris PLC	0.70	1.45	36.21	Healthcare
⊖ Teledyne Technologies Inc	0.67	2.12	55.50	Technology
⊖ Alleghany Corp	0.66	2.78	27.99	Financial Services
⊖ Zebra Technologies Corp	0.64	3.42	29.60	Technology
⊖ Old Dominion Freight Lines Inc	0.62	4.04	38.05	Industrials
⊖ Camden Property Trust	0.61	4.65	28.80	Real Estate
⊖ UGI Corp	0.60	5.25	-4.11	Utilities
⊖ West Pharmaceutical Services Inc	0.60	5.85	45.13	Healthcare
⊖ WR Berkley Corp	0.60	6.45	48.25	Financial Services
⊖ Tyler Technologies Inc	0.58	7.03	41.27	Technology
⊖ Domino's Pizza Inc	0.58	7.60	-0.58	Consumer Cyclical
⊖ Reinsurance Group of America Inc	0.57	8.18	15.37	Financial Services
⊖ Teradyne Inc	0.56	8.74	85.40	Technology
⊖ Trimble Inc	0.56	9.30	17.93	Technology

Total Holdings 404

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Delaware Emerging Markets A DEMAX

Morningstar Category
Diversified Emerging Mkts

Morningstar Index
MSCI EM NR USD

Portfolio Manager(s)

Liu-Er Chen since 09-2006

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 13.02 years.

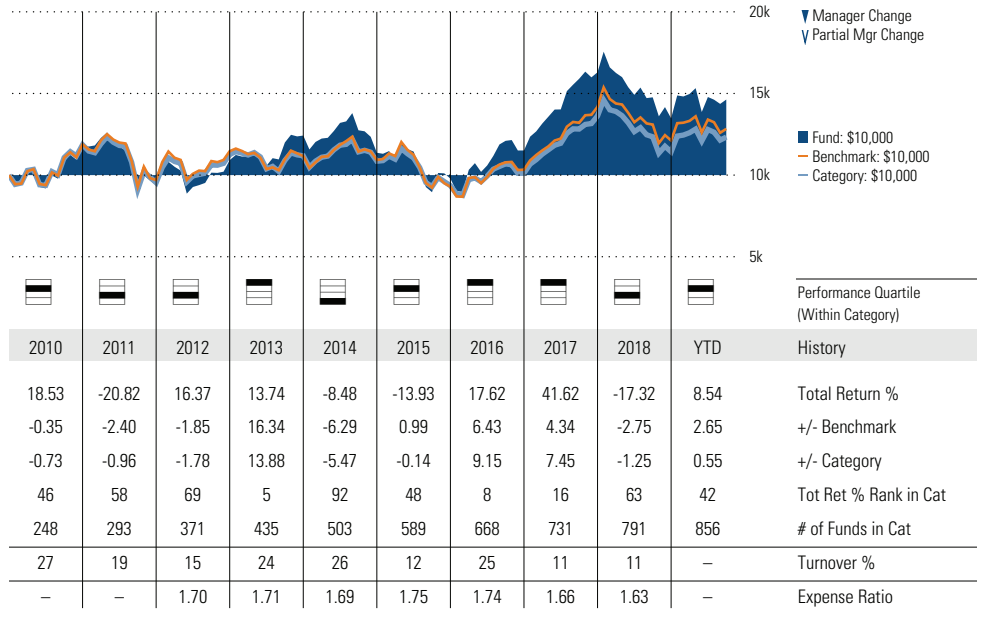
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✘ **Net Expense:** The fund's expense ratio of 1.63 is 26.36% higher than the Diversified Emerging Mkts category average.

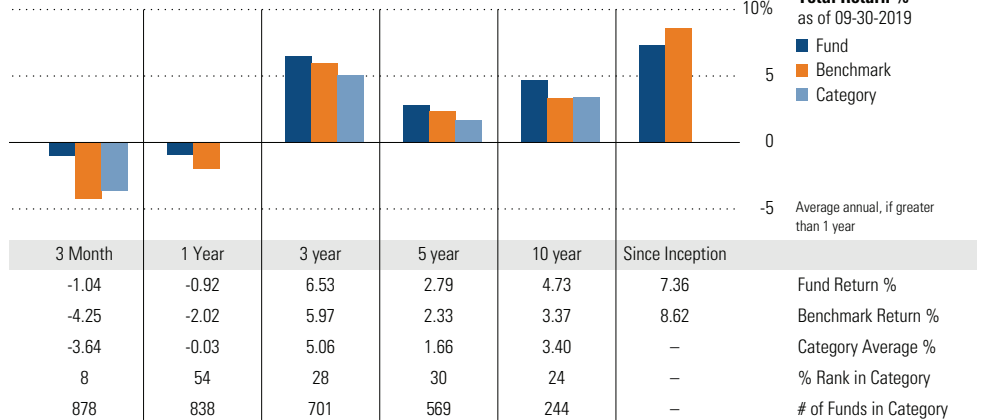
Morningstar Investment Management LLC Analysis

This fund fails our expense screen with fees that are higher than the broad category average. Plan costs are sometimes wrapped into fund fees, but because costs are predictive of a fund's future relative performance, we would still like to see lower overall expenses here.

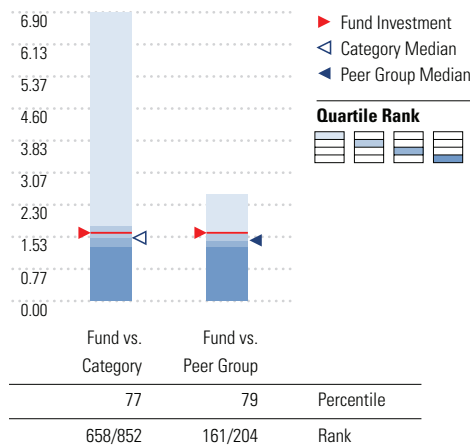
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.31	—	-0.25
Beta	1.07	—	0.92
R-Squared	91.97	—	87.64
Standard Deviation	15.59	14.04	13.77
Sharpe Ratio	0.38	0.37	0.31
Tracking Error	4.51	—	4.83
Information Ratio	0.12	—	-0.18
Up Capture Ratio	103.37	—	92.55
Down Capture Ratio	101.25	—	94.88

Portfolio Metrics

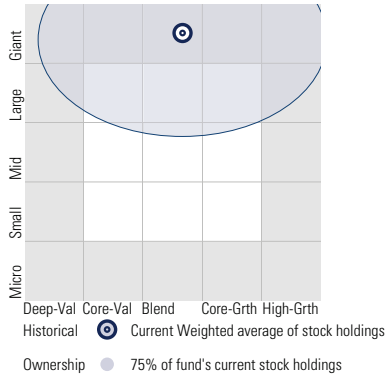
	Fund	Bmark	Cat
Price/Earnings Ratio	11.48	12.83	13.52
Price/Book Ratio	1.49	1.54	1.92
Geom Avg Mkt Cap \$B	38.31	29.91	32.68
ROE	13.42	16.19	18.42

Delaware Emerging Markets A DEMAX

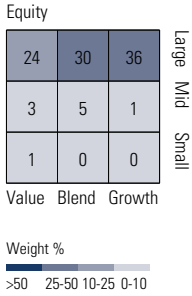
Morningstar Category
Diversified Emerging Mkts

Morningstar Index
MSCI EM NR USD

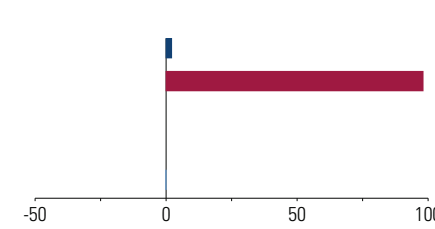
Style Analysis as of 09-30-2019
Morningstar Style Box™



Style Breakdown

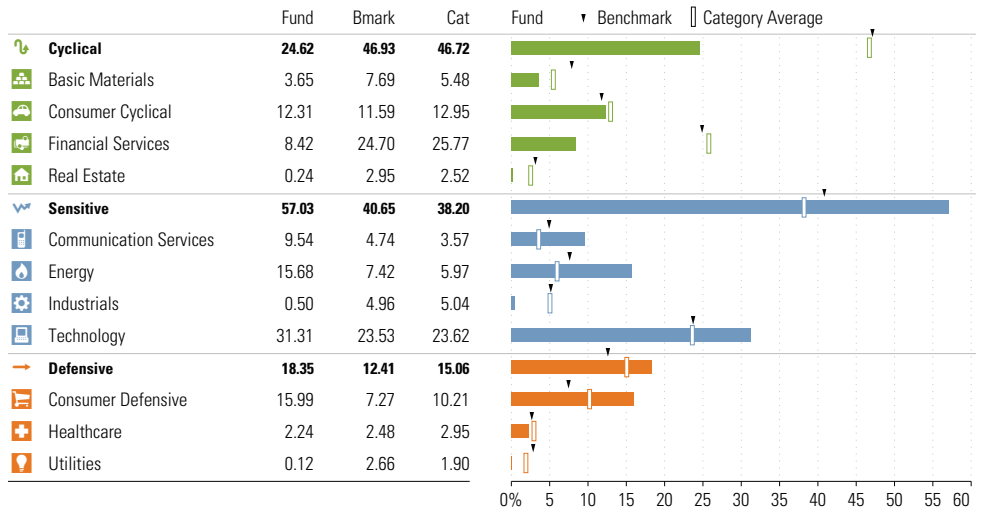


Asset Allocation as of 09-30-2019

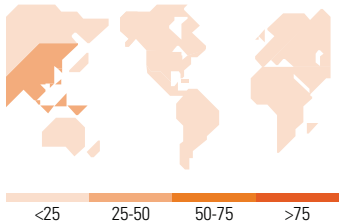


Asset Class	Net %	Cat%
US Stocks	2.09	2.32
Non-US Stocks	98.06	95.27
Bonds	0.00	0.46
Cash	0.00	1.63
Other	-0.16	0.31
Total	100.00	100.00

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	68.59	68.54	Americas	21.81	15.61	Greater Europe	9.61	15.84	Developed Markets	29.45
Japan	0.59	0.11	North America	2.09	1.60	United Kingdom	0.00	0.91	Emerging Markets	70.55
Australasia	0.00	0.01	Central/Latin	19.72	14.01	W euro-ex UK	1.11	2.13	Not Available	0.00
Asia-4 Tigers	25.37	22.46				Emrgng Europe	7.54	6.36		
Asia-ex 4 Tigers	42.63	45.96				Africa	0.96	6.44		
Not Classified	0.00	0.00								

Top 10 Holdings as of 09-30-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Taiwan Semiconductor Manufacturing Co Ltd	5.03	5.03	25.06	Technology
Reliance Industries Ltd	4.78	9.81	19.40	Energy
Samsung Electronics Co Ltd	4.56	14.37	-	Technology
Alibaba Group Holding Ltd ADR	4.41	18.78	22.00	Consumer Cyclical
SK Hynix Inc	4.39	23.17	-	Technology
Wuliangye Yibin Co Ltd	4.02	27.19	158.45	Consumer Defensive
Tencent Holdings Ltd	3.87	31.06	5.48	Technology
Kweichow Moutai Co Ltd	3.05	34.12	97.38	Consumer Defensive
B2W - Companhia Digital	2.92	37.03	16.41	Consumer Cyclical
Reliance Industries Ltd ADR	2.58	39.61	17.68	Energy

Total Holdings 141

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Delaware Small Cap Value A DEVLX

Morningstar Category
Small Value

Morningstar Index
Russell 2000 Value TR USD

Portfolio Manager(s)

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

Quantitative Screens

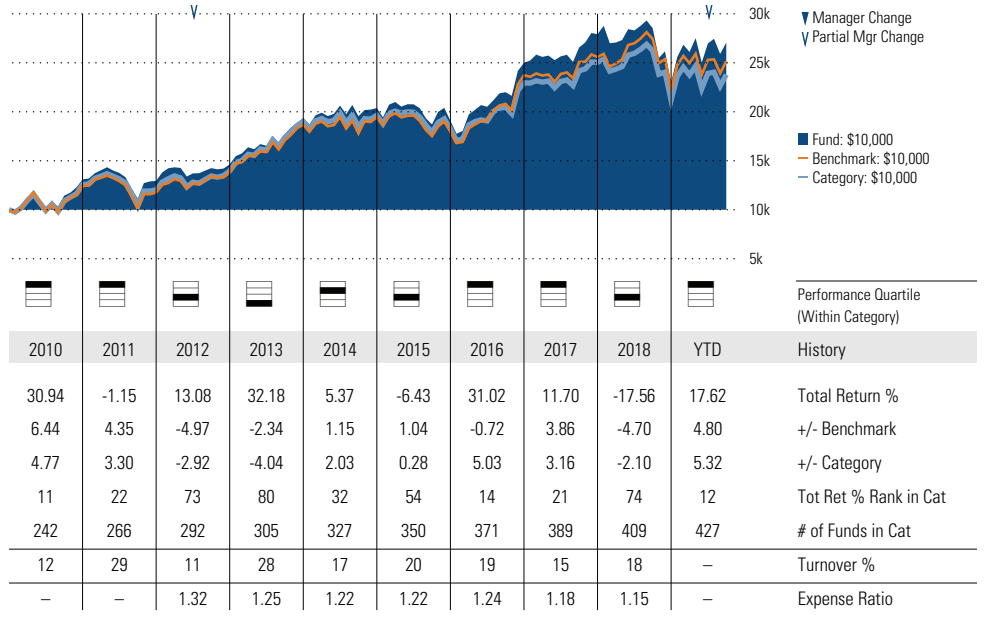
✔ **Performance:** The fund has finished in the Small Value category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 22.43 years.

✘ **Style:** The fund has landed in its primary style box — Small Value — 37.14 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 1.15 is 3.36% lower than the Small Value category average.

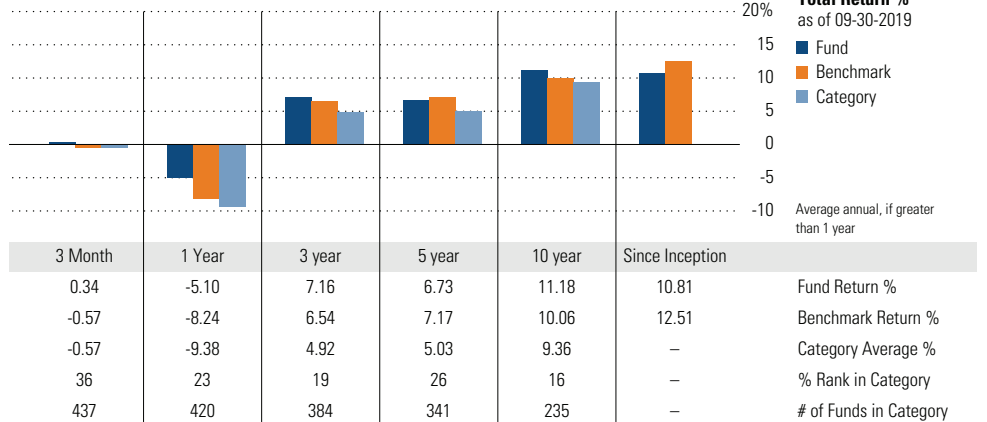
Growth of \$10,000



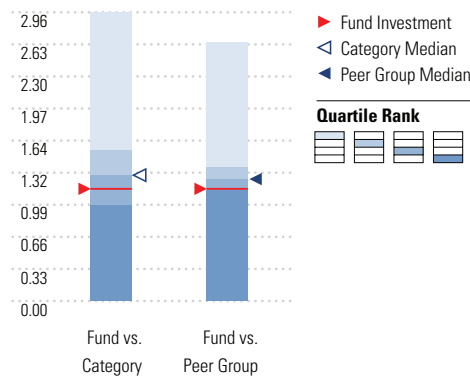
Morningstar Investment Management LLC Analysis

This fund fails our style screen but its portfolio positioning is consistent with the overall investment strategy.

Trailing Performance



Net Expense



3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.73	-	-0.99
Beta	0.99	-	0.99
R-Squared	95.26	-	94.06
Standard Deviation	17.90	17.67	17.95
Sharpe Ratio	0.38	0.35	0.29
Tracking Error	3.90	-	4.40
Information Ratio	0.16	-	-0.30
Up Capture Ratio	101.58	-	95.42
Down Capture Ratio	99.13	-	100.00

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	14.70	13.72	15.37
Price/Book Ratio	1.52	1.28	1.47
Geom Avg Mkt Cap \$B	3.08	1.55	2.70
ROE	13.33	6.79	9.76

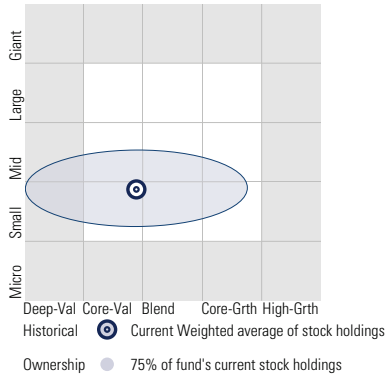
Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

Delaware Small Cap Value A DEVLX

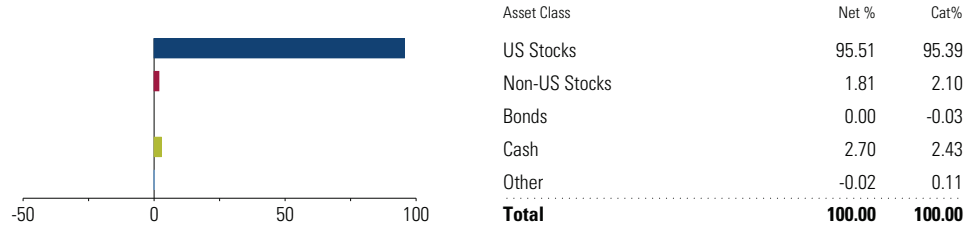
Morningstar Category
Small Value

Morningstar Index
Russell 2000 Value TR USD

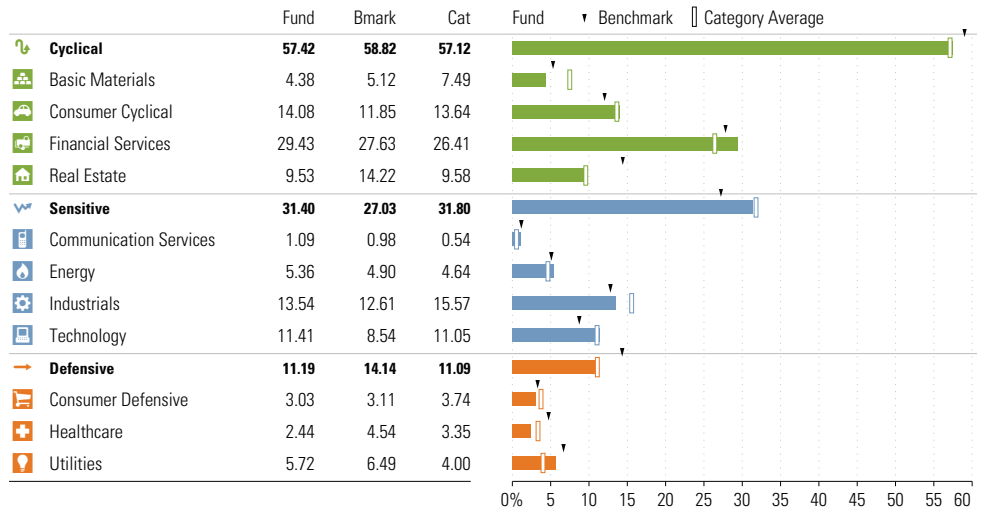
Style Analysis as of 09-30-2019
Morningstar Style Box™



Asset Allocation as of 09-30-2019



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
⊖ MasTec Inc	2.95	2.95	60.08	Industrials
⊕ East West Bancorp Inc	2.45	5.39	3.54	Financial Services
⊕ IIT Inc	1.93	7.32	27.68	Industrials
⊖ Selective Insurance Group Inc	1.87	9.20	24.37	Financial Services
⊕ Hancock Whitney Corp	1.78	10.98	12.86	Financial Services
⊕ The Hanover Insurance Group Inc	1.69	12.67	21.68	Financial Services
⊕ Webster Financial Corp	1.69	14.36	-2.62	Financial Services
Outfront Media Inc	1.66	16.03	59.27	Real Estate
Stifel Financial Corp	1.60	17.63	39.62	Financial Services
Teradyne Inc	1.59	19.21	85.40	Technology
⊕ Southwest Gas Holdings Inc	1.52	20.73	21.11	Utilities
⊕ Black Hills Corp	1.45	22.18	24.63	Utilities
⊕ F N B Corp	1.43	23.61	20.83	Financial Services
Choice Hotels International Inc	1.32	24.93	24.88	Consumer Cyclical
⊕ Umpqua Holdings Corp	1.28	26.21	7.48	Financial Services

Total Holdings 112

⊕ Increase ⊖ Decrease ✨ New to Portfolio

JPMorgan Equity Income I HLIEX

Morningstar Category
 Large Value

Morningstar Index
 Russell 1000 Value TR USD

Portfolio Manager(s)

Clare Hart since 08-2004
 David Silberman since 11-2019
 Andrew Brandon since 11-2019

Quantitative Screens

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

Management: The fund's management has been in place for 15.17 years.

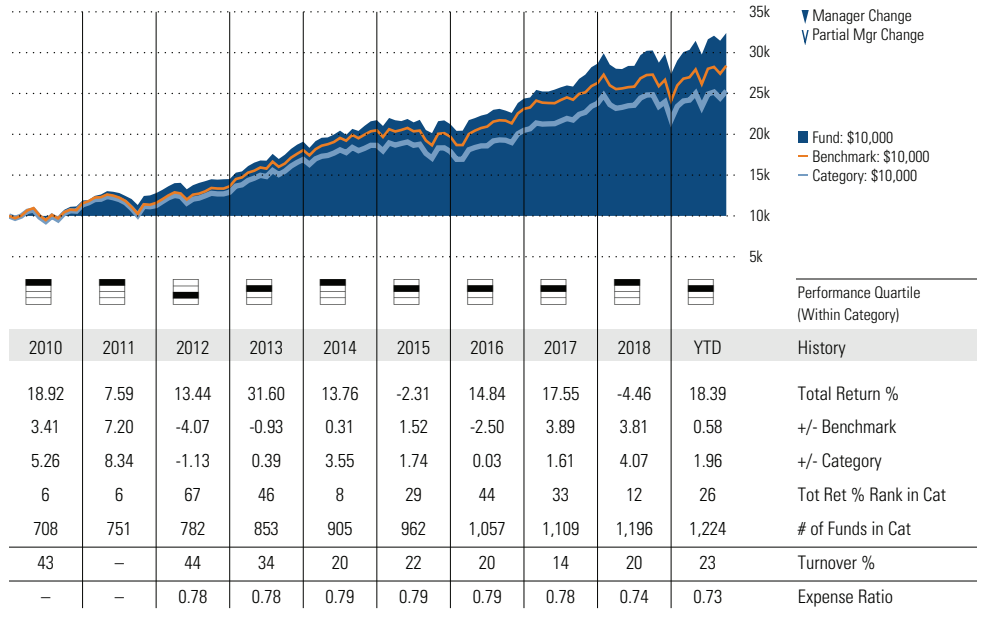
Style: The fund has landed in its primary style box — Large Value — 76.47 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.73 is 23.16% lower than the Large Value category average.

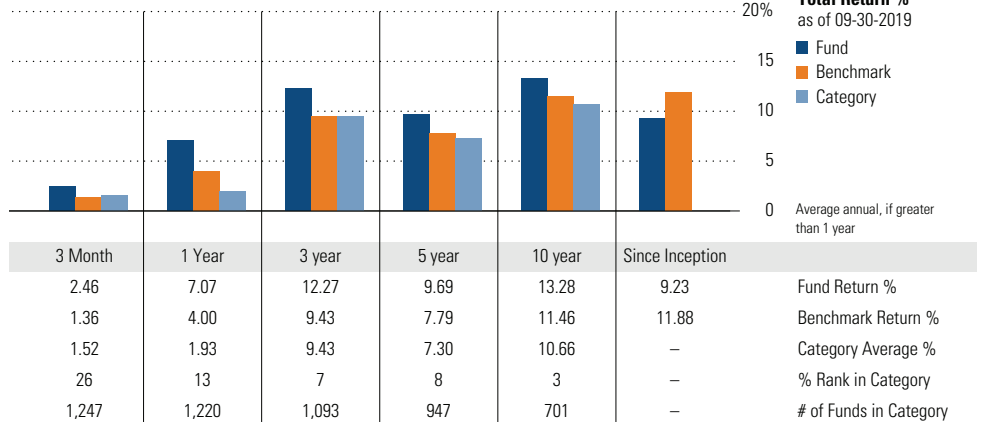
Morningstar Investment Management LLC Analysis

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

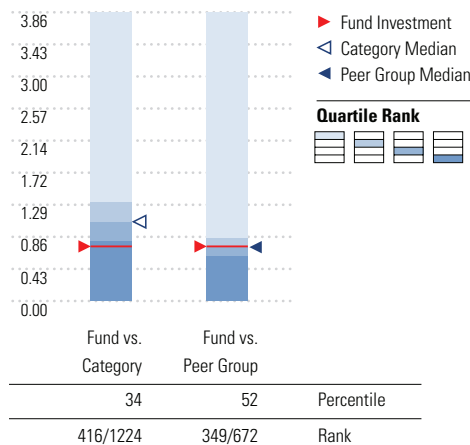
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	3.43	-	0.11
Beta	0.90	-	0.99
R-Squared	97.38	-	93.32
Standard Deviation	11.28	12.34	12.62
Sharpe Ratio	0.94	0.66	0.66
Tracking Error	2.19	-	3.38
Information Ratio	1.30	-	0.01
Up Capture Ratio	102.07	-	98.55
Down Capture Ratio	82.30	-	98.00

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.00	16.49	16.18
Price/Book Ratio	2.54	1.94	2.22
Geom Avg Mkt Cap \$B	81.40	58.19	107.83
ROE	22.63	14.48	20.08

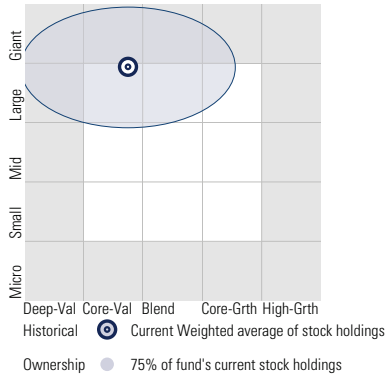
JPMorgan Equity Income I HLIEX

Morningstar Category
Large Value

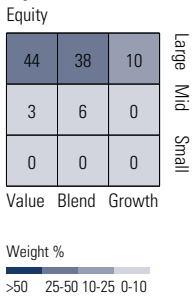
Morningstar Index
Russell 1000 Value TR USD

Style Analysis as of 09-30-2019

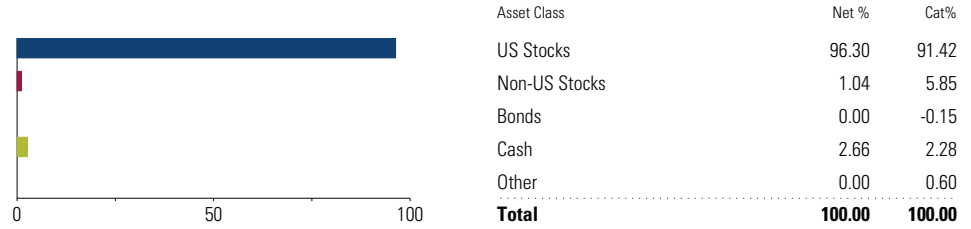
Morningstar Style Box™



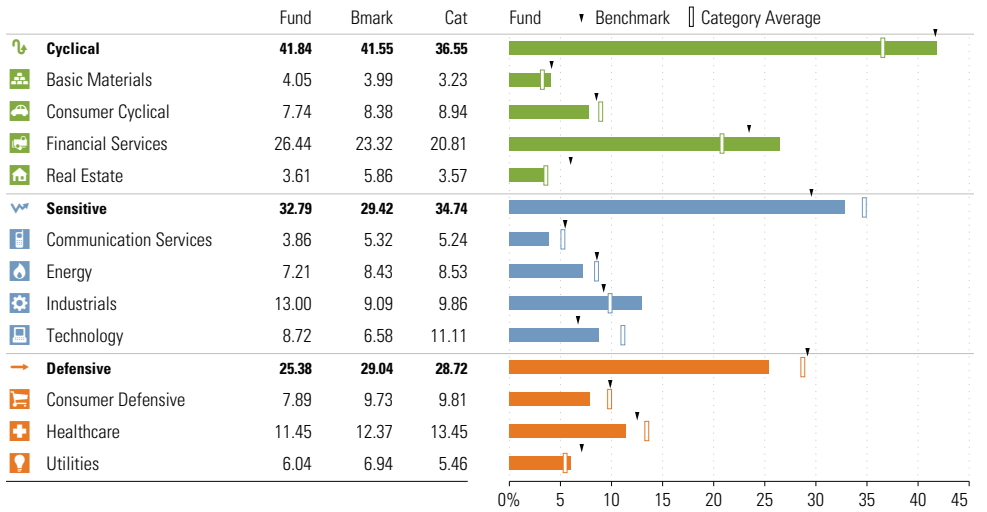
Style Breakdown



Asset Allocation as of 09-30-2019



Sector Weighting as of 09-30-2019



Top 15 Holdings as of 09-30-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Chevron Corp	2.99	2.99	12.30	Energy
⊕ Bank of America Corporation	2.91	5.91	20.33	Financial Services
⊕ JPMorgan Prime Money Market IM	2.66	8.57	-	-
⊖ CME Group Inc Class A	2.57	11.14	13.54	Financial Services
⊖ Microsoft Corp	2.46	13.59	38.24	Technology
⊕ PNC Financial Services Group Inc	2.21	15.80	22.50	Financial Services
⊕ Texas Instruments Inc	2.06	17.85	39.21	Technology
⊕ Comcast Corp Class A	2.04	19.89	33.63	Communication Svc
⊕ BlackRock Inc	1.97	21.87	15.97	Financial Services
⊕ Bristol-Myers Squibb Company	1.95	23.82	-0.08	Healthcare
⊕ ConocoPhillips	1.93	25.75	-7.15	Energy
⊕ Wells Fargo & Co	1.80	27.55	12.52	Financial Services
⊕ McDonald's Corp	1.79	29.33	22.88	Consumer Cyclical
⊕ Analog Devices Inc	1.78	31.11	32.06	Technology
⊕ Merck & Co Inc	1.77	32.89	12.33	Healthcare

Total Holdings 89

⊕ Increase ⊖ Decrease ✨ New to Portfolio

PIMCO Income A PONAX

Morningstar Category
Multisector Bond

Morningstar Index
BBgBarc US Universal TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

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

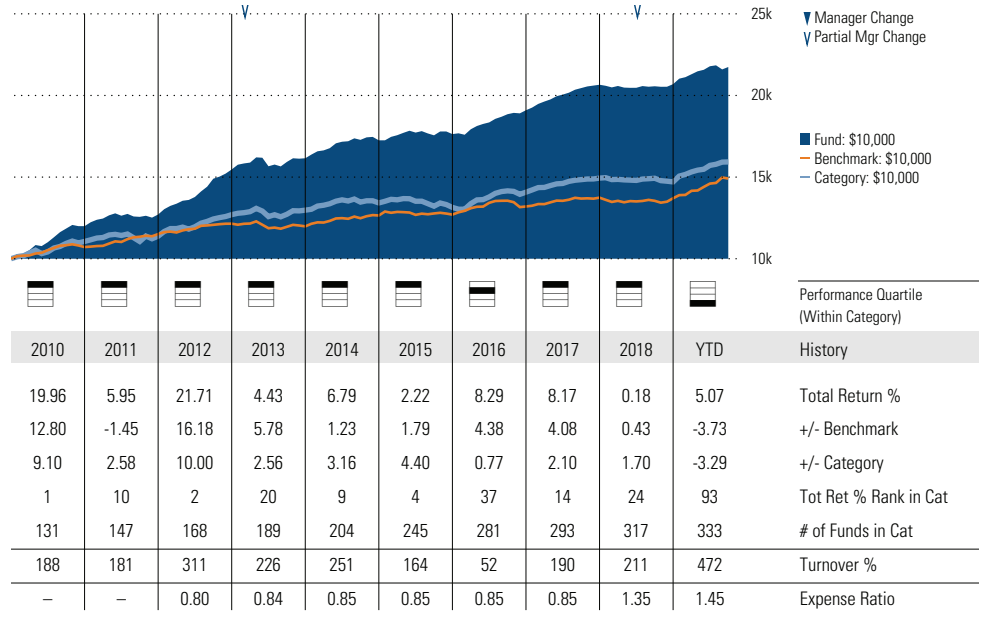
Style Consistency is not calculated for Fixed Income funds.

✘ **Net Expense:** The fund's expense ratio of 1.45 is 35.51% higher than the Multisector Bond category average.

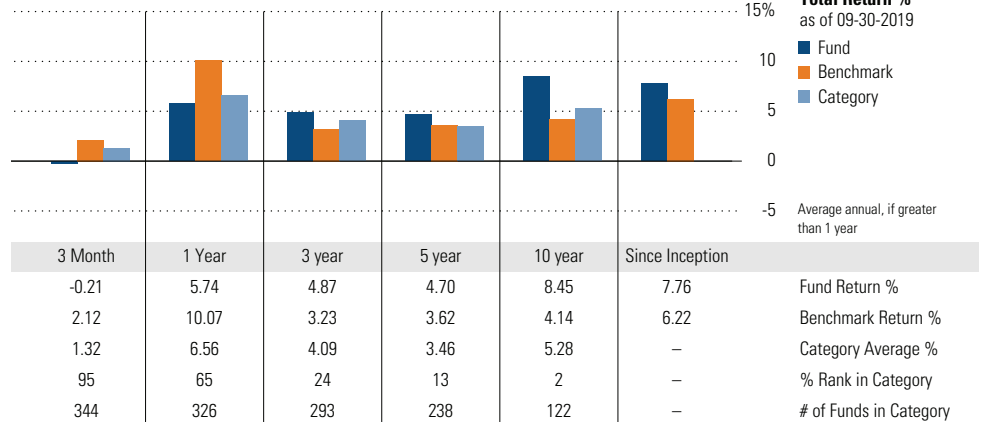
Morningstar Investment Management LLC Analysis

This fund fails the expense screen. However, that failure is due to a new fee calculation methodology that incorporates costs that are not an additional charge to shareholders. As a result, we do not regard the failure as significant.

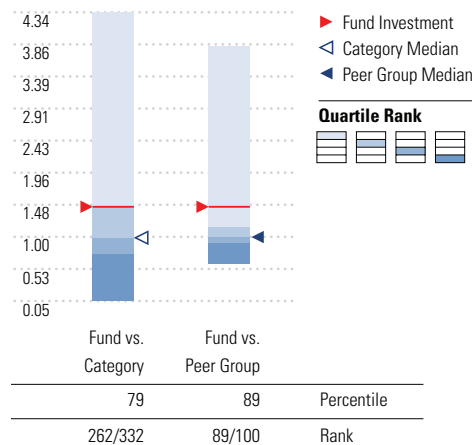
Growth of \$10,000



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

Metric	Fund	Bmark	Cat
Alpha	4.12	-	2.50
Beta	0.20	-	0.50
R-Squared	11.09	-	32.11
Standard Deviation	1.90	3.09	3.00
Sharpe Ratio	1.63	0.54	0.93
Tracking Error	3.05	-	2.99
Information Ratio	0.54	-	0.31
Up Capture Ratio	71.72	-	82.75
Down Capture Ratio	-20.94	-	29.96

Portfolio Metrics

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

PIMCO Income A PONAX

Morningstar Category
Multisector Bond

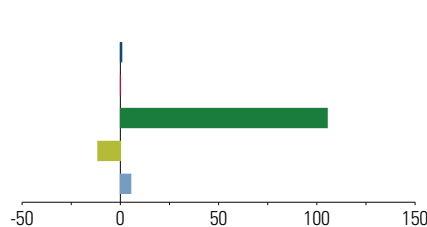
Morningstar Index
BBgBarc US Universal TR USD

Style Analysis as of 09-30-2019

Style Breakdown



Asset Allocation as of 09-30-2019



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

Credit Rating Breakdown

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

Sector Weighting as of 09-30-2019

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

Top 10 Holdings as of 09-30-2019

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

Total Holdings 7621

⊕ Increase ⊖ Decrease ✱ New to Portfolio

PIMCO Real Return A PRTNX

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 7 of the 10 years it's been in existence.

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

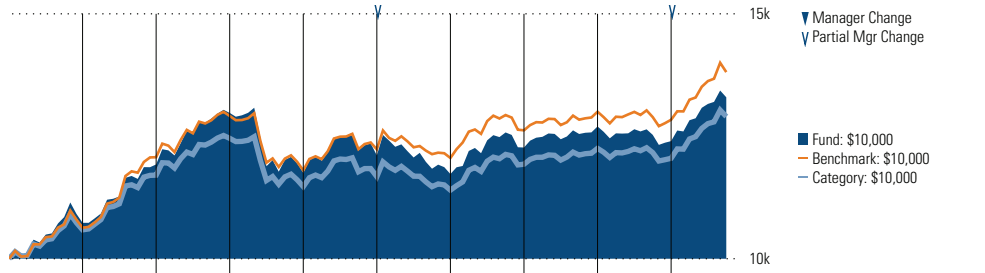
Style Consistency is not calculated for Fixed Income funds.

✘ **Net Expense:** The fund's expense ratio of 1.38 is 84% higher than the Inflation-Protected Bond category average.

Morningstar Investment Management LLC Analysis

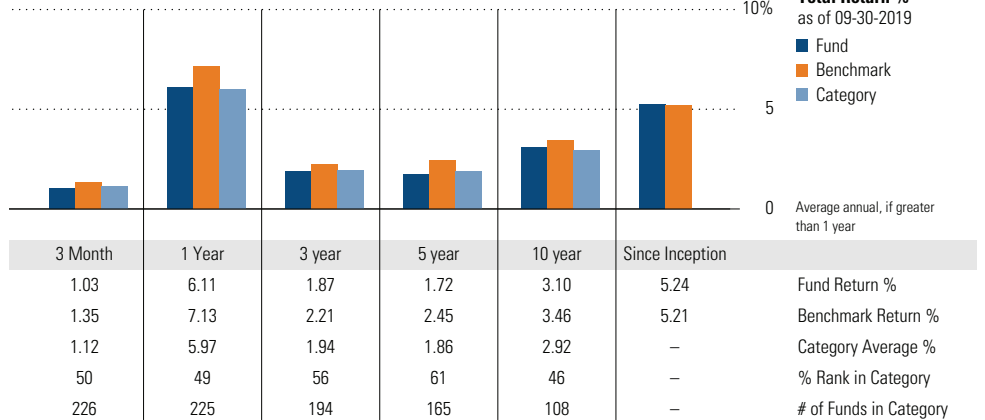
This fund fails our expense screen with fees that are higher than the broad category average. Plan costs are sometimes wrapped into fund fees, but because costs are predictive of a fund's future relative performance, we would still like to see lower overall expenses here.

Growth of \$10,000

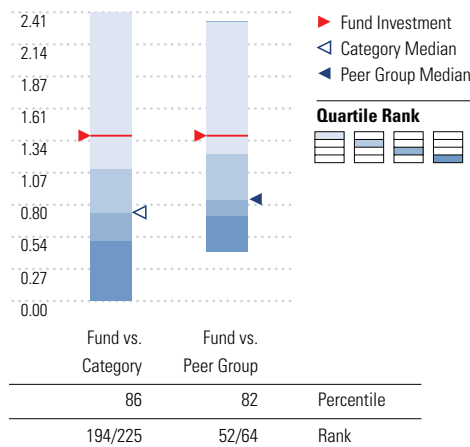


2010	2011	2012	2013	2014	2015	2016	2017	2018	YTD	Performance Quartile (Within Category)
7.33	11.11	8.82	-9.41	3.01	-3.14	4.62	3.51	-2.36	7.21	History
1.02	-2.45	1.84	-0.80	-0.63	-1.70	-0.06	0.50	-1.10	-0.37	Total Return %
1.39	0.18	2.37	-1.56	1.21	-0.78	0.03	0.79	-0.72	0.21	+/- Benchmark
10	68	9	80	23	84	39	16	82	49	+/- Category
108	131	140	154	160	167	189	198	213	226	Tot Ret % Rank in Cat
408	174	129	41	33	117	102	168	165	254	# of Funds in Cat
-	-	0.85	0.85	0.85	0.85	0.85	0.85	1.28	1.38	Turnover %
										Expense Ratio

Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.21	-	0.08
Beta	0.94	-	0.76
R-Squared	95.31	-	82.74
Standard Deviation	3.16	3.28	2.86
Sharpe Ratio	0.09	0.20	0.04
Tracking Error	0.71	-	1.46
Information Ratio	-0.49	-	-0.63
Up Capture Ratio	91.27	-	76.67
Down Capture Ratio	95.62	-	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 A PRTNX

Morningstar Category
Inflation-Protected Bond

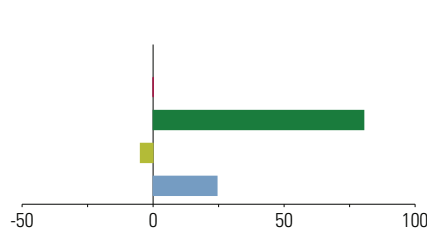
Morningstar Index
BBgBarc US Treasury US TIPS TR USD

Style Analysis as of 09-30-2019

Style Breakdown



Asset Allocation as of 09-30-2019

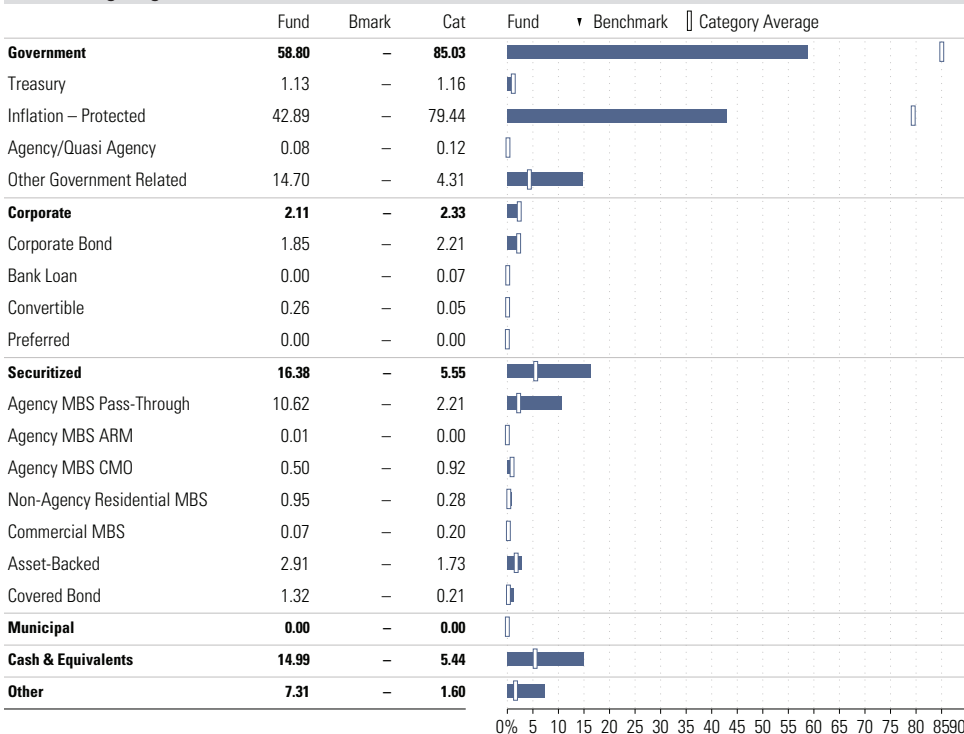


Asset Class	Net %	Cat%
US Stocks	0.00	0.01
Non-US Stocks	0.03	0.01
Bonds	80.43	97.96
Cash	-4.87	1.81
Other	24.41	0.21
Total	100.00	100.00

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 A PSHAX

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 9 of the 10 years it's been in existence.

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

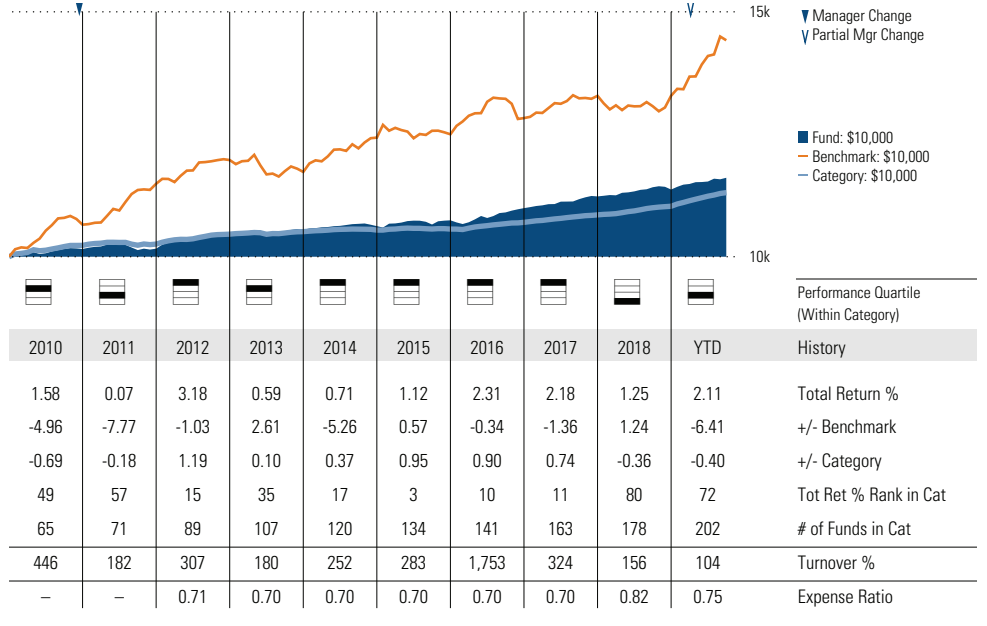
Style Consistency is not calculated for Fixed Income funds.

✘ **Net Expense:** The fund's expense ratio of 0.75 is 63.04% higher than the Ultrashort Bond category average.

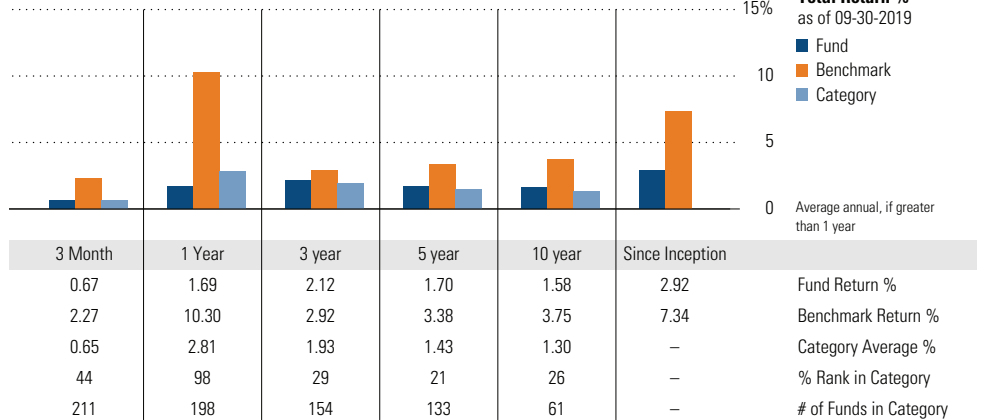
Morningstar Investment Management LLC Analysis

This fund fails our expense screen with fees that are higher than the broad category average. Plan costs are sometimes wrapped into fund fees, but because costs are predictive of a fund's future relative performance, we would still like to see lower overall expenses here.

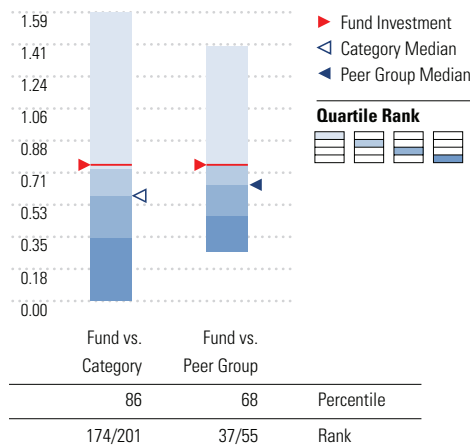
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	2.42	-	1.78
Beta	-0.11	-	0.04
R-Squared	26.85	-	22.18
Standard Deviation	0.70	3.35	0.43
Sharpe Ratio	0.66	0.41	0.72
Tracking Error	3.76	-	3.22
Information Ratio	-0.21	-	-0.31
Up Capture Ratio	13.52	-	22.90
Down Capture Ratio	-43.87	-	-18.90

Portfolio Metrics

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

PIMCO Short-Term A PSHAX

Morningstar Category
Ultrashort Bond

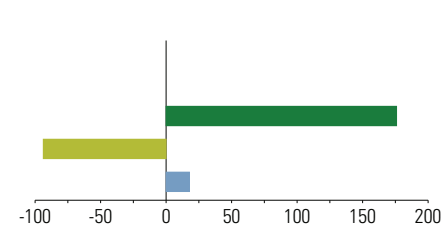
Morningstar Index
BBgBarc US Agg Bond TR USD

Style Analysis as of 09-30-2019

Style Breakdown



Asset Allocation as of 09-30-2019

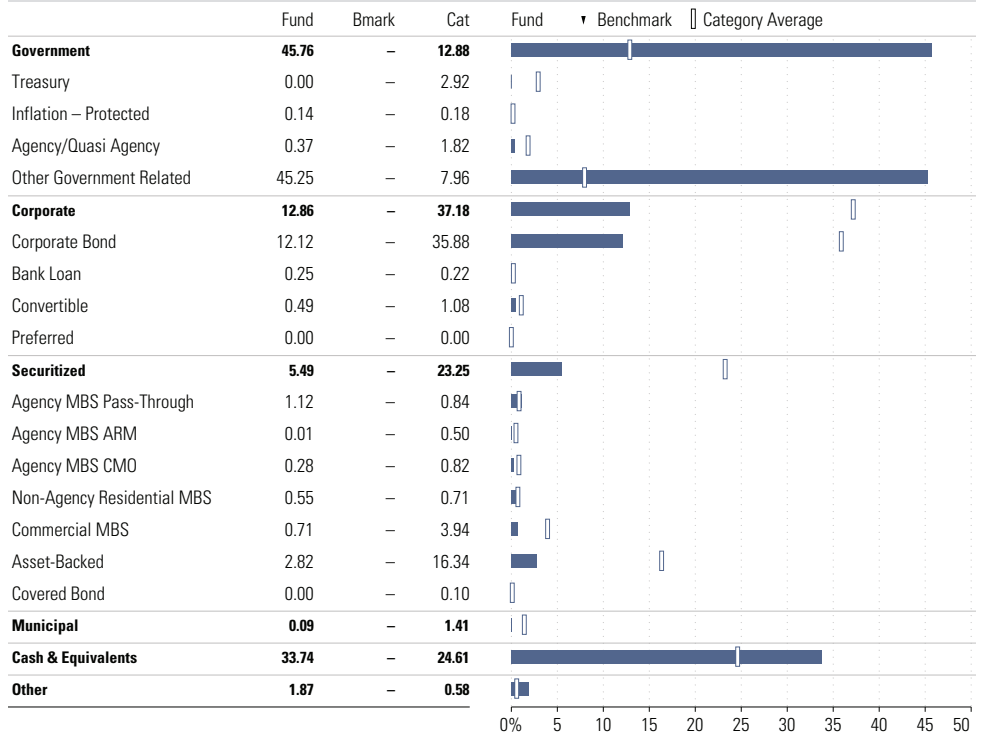


Asset Class	Net %	Cat%
US Stocks	0.00	0.01
Non-US Stocks	0.00	0.00
Bonds	175.91	77.26
Cash	-93.73	21.04
Other	17.82	1.69
Total	100.00	100.00

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

T. Rowe Price Dividend Growth Advisor TADGX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

Portfolio Manager(s)

Thomas Huber since 03-2000

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 19.51 years.

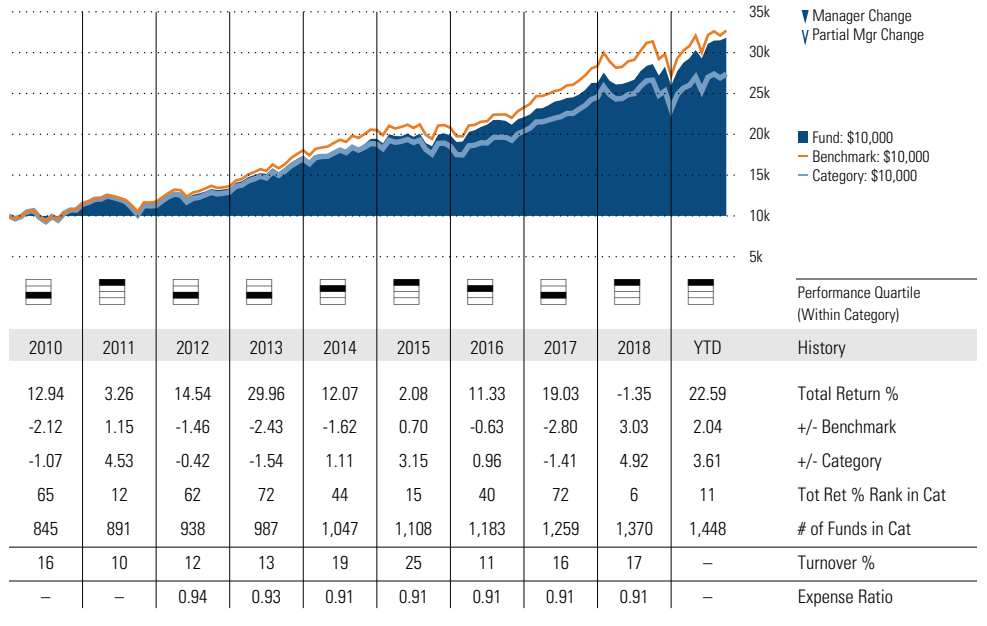
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.91 is 0% higher than the Large Blend category average.

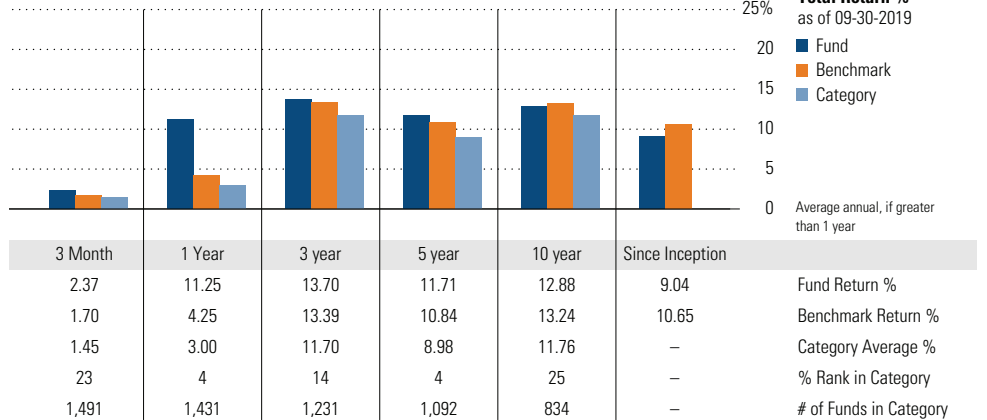
Morningstar Investment Management LLC Analysis

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.

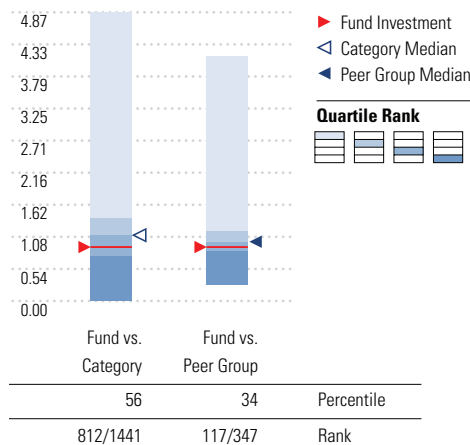
Growth of \$10,000



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	2.54	-	-1.24
Beta	0.81	-	0.96
R-Squared	94.04	-	93.99
Standard Deviation	10.23	12.18	12.01
Sharpe Ratio	1.15	0.96	0.84
Tracking Error	3.37	-	2.98
Information Ratio	0.09	-	-1.29
Up Capture Ratio	89.30	-	91.29
Down Capture Ratio	75.22	-	97.85

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	22.36	20.32	20.89
Price/Book Ratio	3.49	3.18	3.47
Geom Avg Mkt Cap \$B	93.46	111.20	178.81
ROE	25.62	26.31	28.46

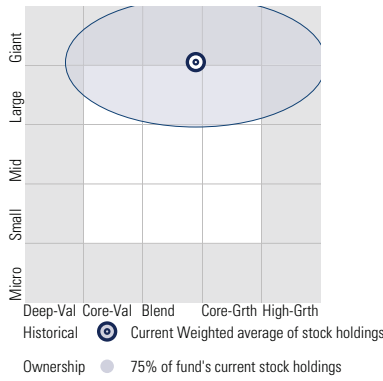
T. Rowe Price Dividend Growth Advisor TADGX

Morningstar Category
Large Blend

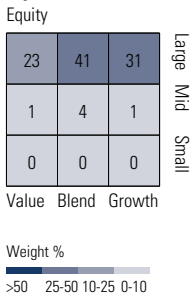
Morningstar Index
S&P 500 TR USD

Style Analysis as of 09-30-2019

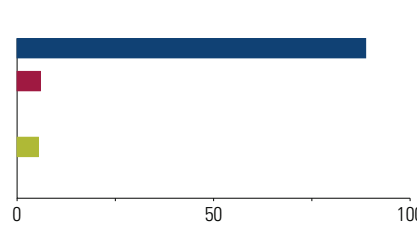
Morningstar Style Box™



Style Breakdown

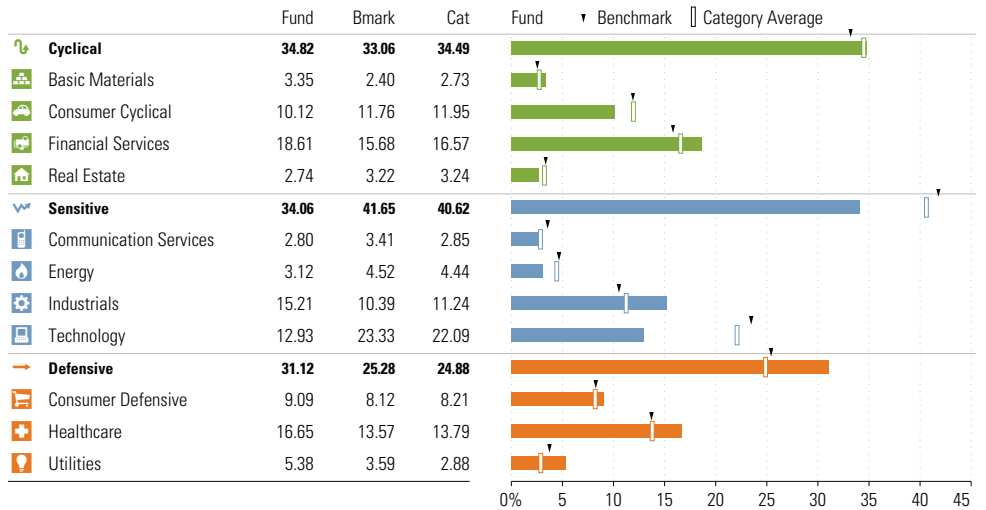


Asset Allocation as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	88.69	94.56
Non-US Stocks	5.91	2.95
Bonds	0.00	0.37
Cash	5.41	0.92
Other	0.00	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
⊕ T. Rowe Price Gov. Reserve	5.41	5.41	-	-
⊕ Microsoft Corp	4.00	9.41	38.24	Technology
⊕ JPMorgan Chase & Co	2.93	12.34	23.02	Financial Services
⊕ Visa Inc Class A	2.77	15.10	30.94	Financial Services
⊕ Danaher Corp	2.22	17.33	40.55	Healthcare
⊕ Apple Inc	2.12	19.45	43.43	Technology
⊕ Becton, Dickinson and Co	1.81	21.25	13.29	Healthcare
⊕ Thermo Fisher Scientific Inc	1.77	23.02	30.41	Healthcare
⊕ Accenture PLC Class A	1.63	24.66	37.44	Technology
⊕ Wells Fargo & Co	1.60	26.26	12.52	Financial Services
⊕ UnitedHealth Group Inc	1.54	27.80	-11.54	Healthcare
⊕ Pfizer Inc	1.54	29.34	-15.21	Healthcare
⊕ PepsiCo Inc	1.52	30.86	26.66	Consumer Defensive
⊕ Dollar General Corp	1.49	32.35	47.92	Consumer Defensive
⊕ Roper Technologies Inc	1.48	33.83	34.32	Industrials

Total Holdings 105

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Global Real Estate Adv PAGEX

Morningstar Category
Global Real Estate

Morningstar Index
S&P Global REIT TR USD

Portfolio Manager(s)

Nina Jones since 04-2015

Quantitative Screens

✔ **Performance:** The fund has finished in the Global Real Estate 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 4.5 years.

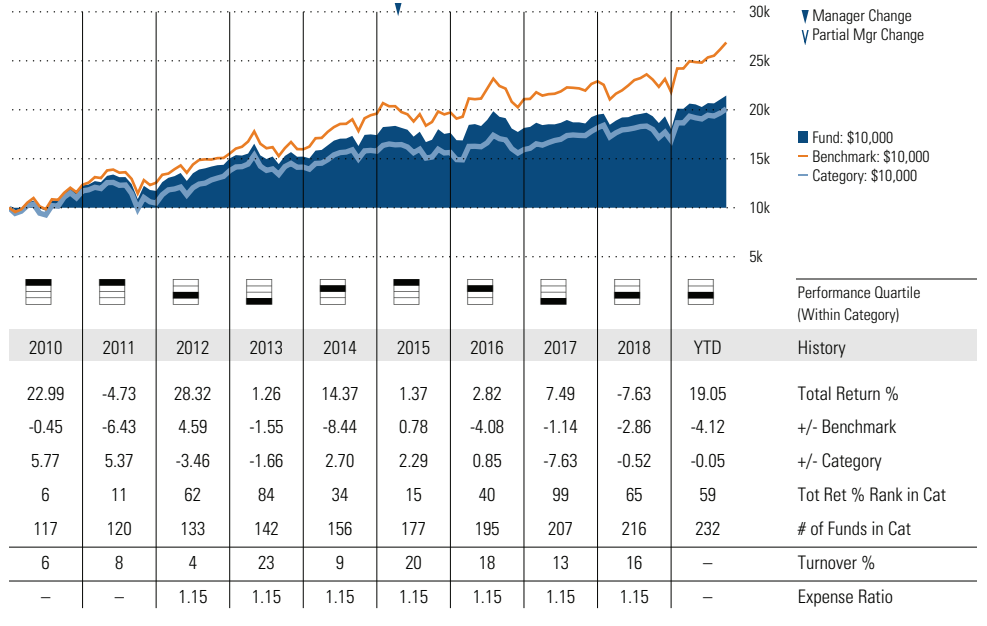
✔ **Style:** The fund has landed in its primary style box — Mid-Cap Blend — 81.82 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 1.15 is 8% lower than the Global Real Estate category average.

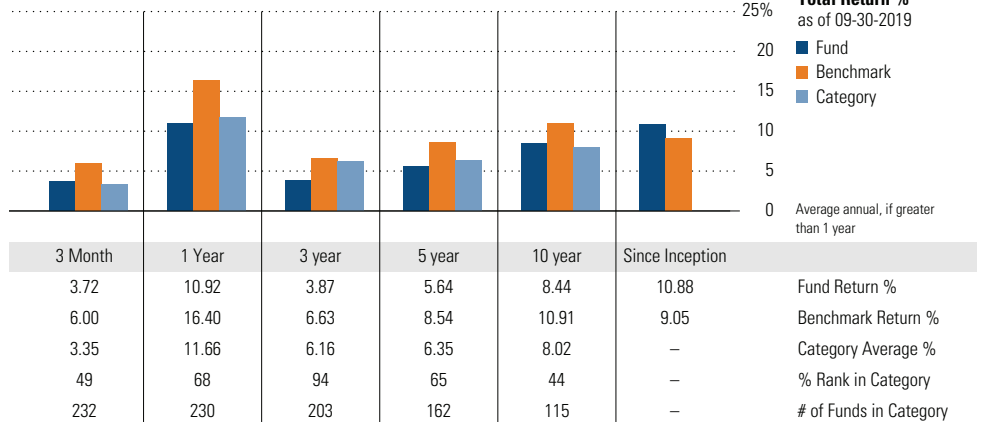
Morningstar Investment Management LLC Analysis

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

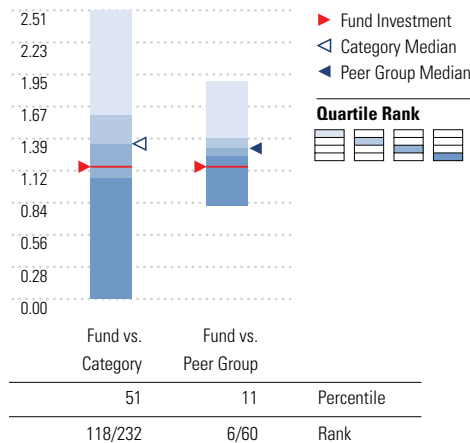
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-2.23	-	0.41
Beta	0.94	-	0.89
R-Squared	93.88	-	85.08
Standard Deviation	10.73	11.11	10.79
Sharpe Ratio	0.26	0.49	0.48
Tracking Error	2.75	-	4.03
Information Ratio	-1.01	-	-0.13
Up Capture Ratio	81.02	-	87.62
Down Capture Ratio	94.39	-	83.70

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.70	21.03	15.96
Price/Book Ratio	1.52	1.78	1.39
Geom Avg Mkt Cap \$B	9.42	9.23	10.82
ROE	10.51	10.78	10.99

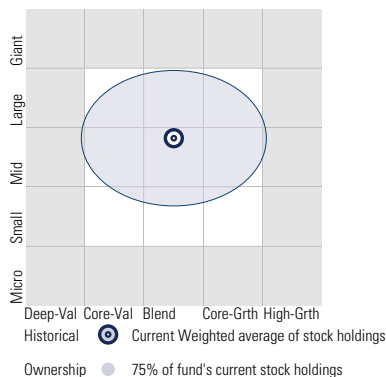
T. Rowe Price Global Real Estate Adv PAGES

Morningstar Category
Global Real Estate

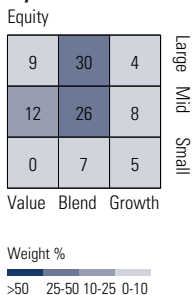
Morningstar Index
S&P Global REIT TR USD

Style Analysis as of 09-30-2019

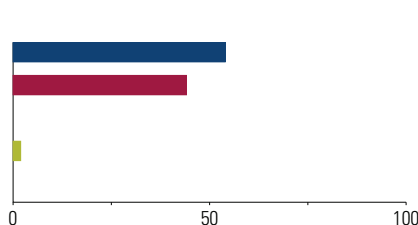
Morningstar Style Box™



Style Breakdown



Asset Allocation as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	53.97	43.35
Non-US Stocks	44.11	53.76
Bonds	0.00	0.14
Cash	1.92	1.28
Other	0.00	1.48
Total	100.00	100.00

Sector Weighting as of 09-30-2019

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
Cyclical	99.18	100.00	99.37	[Bar chart showing Cyclical weight]		
Basic Materials	1.02	0.00	0.07	[Bar chart showing Basic Materials weight]		
Consumer Cyclical	1.59	0.00	0.40	[Bar chart showing Consumer Cyclical weight]		
Financial Services	0.00	0.03	0.14	[Bar chart showing Financial Services weight]		
Real Estate	96.57	99.97	98.76	[Bar chart showing Real Estate weight]		
Sensitive	0.82	0.00	0.51	[Bar chart showing Sensitive weight]		
Communication Services	0.00	0.00	0.00	[Bar chart showing Communication Services weight]		
Energy	0.00	0.00	0.05	[Bar chart showing Energy weight]		
Industrials	0.82	0.00	0.19	[Bar chart showing Industrials weight]		
Technology	0.00	0.00	0.27	[Bar chart showing Technology weight]		
Defensive	0.00	0.00	0.11	[Bar chart showing Defensive weight]		
Consumer Defensive	0.00	0.00	0.00	[Bar chart showing Consumer Defensive weight]		
Healthcare	0.00	0.00	0.00	[Bar chart showing Healthcare weight]		
Utilities	0.00	0.00	0.11	[Bar chart showing Utilities weight]		

Top 15 Holdings as of 09-30-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Prologis Inc	5.81	5.81	47.84	Real Estate
⊖ AvalonBay Communities Inc	4.41	10.22	26.34	Real Estate
⊖ Equity Residential	3.99	14.21	33.26	Real Estate
⊖ Essex Property Trust Inc	3.25	17.46	35.60	Real Estate
⊖ Public Storage	2.94	20.41	24.14	Real Estate
⊕ Sun Hung Kai Properties Ltd	2.86	23.26	2.20	Real Estate
⊖ Nippon Accommodations Fund Inc	2.32	25.58	30.75	Real Estate
⊖ SL Green Realty Corp	2.29	27.87	6.60	Real Estate
⊕ Mitsubishi Estate Co Ltd	2.28	30.15	22.35	Real Estate
⊖ PSP Swiss Property AG	2.22	32.37	34.43	Real Estate
⊖ Healthcare Realty Trust Inc	2.15	34.52	20.96	Real Estate
⊖ Healthcare Trust of America Inc	2.12	36.64	18.53	Real Estate
⊖ Douglas Emmett Inc	2.09	38.73	27.78	Real Estate
⊖ CubeSmart	2.03	40.76	24.99	Real Estate
⊖ American Campus Communities Inc	1.94	42.70	19.55	Real Estate

Total Holdings 66

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price New Income Adv PANIX

Morningstar Category
Intermediate Core Bond

Morningstar Index
BBgBarc US Agg Bond TR USD

Portfolio Manager(s)

Stephen Bartolini since 01-2018

Quantitative Screens

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

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

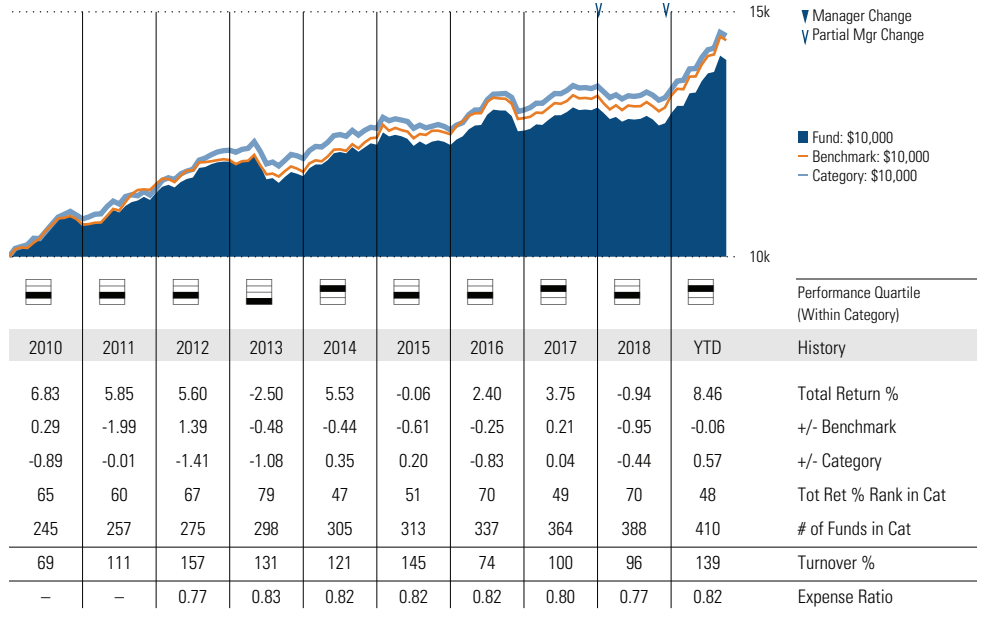
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.82 is 24.24% higher than the Intermediate Core Bond category average.

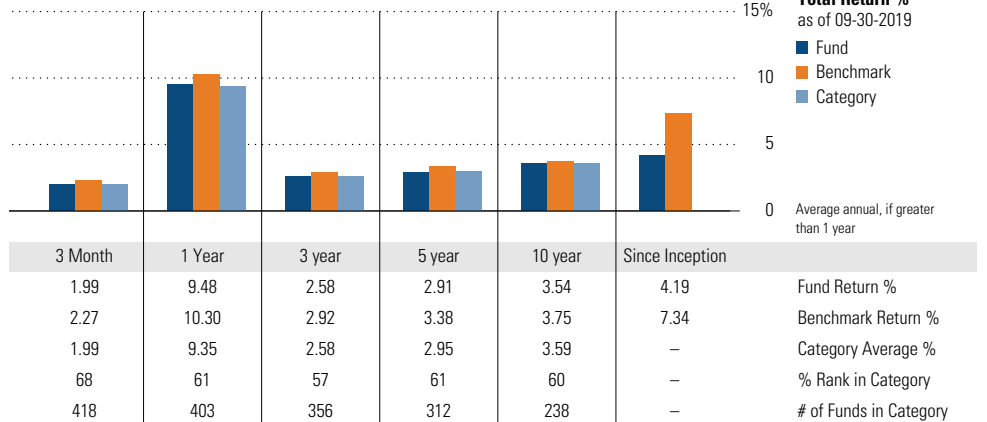
Morningstar Investment Management LLC Analysis

Due to the retirement of T. Rowe Price New Income's longtime lead manager and other shifts within the team, we are recommending placing the fund on watch. Although former lead manager Dan Shackelford's successor, Steve Bartolini, has experience on the fund, including a year as comanager, there also will be some turnover among the sector portfolio managers, who handle security selection for the portfolio. While the fund is on watch, we will be following performance closely as we assess how the fund fares under its changed leadership.

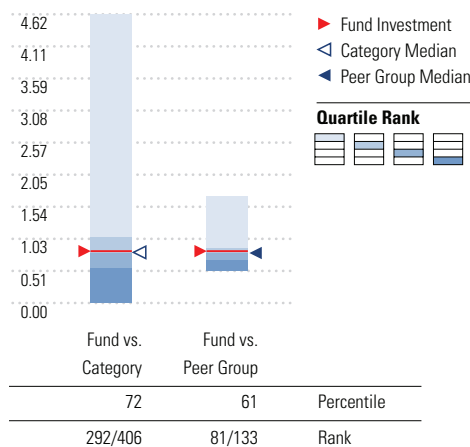
Growth of \$10,000



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	-0.21	-	-0.10
Beta	0.96	-	0.92
R-Squared	98.22	-	95.86
Standard Deviation	3.24	3.35	3.12
Sharpe Ratio	0.32	0.41	0.31
Tracking Error	0.45	-	0.66
Information Ratio	-0.75	-	-0.69
Up Capture Ratio	93.50	-	90.62
Down Capture Ratio	98.38	-	93.22

Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	5.78	4.43	5.41
Avg Eff Maturity	8.23	-	7.00

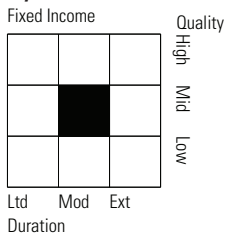
T. Rowe Price New Income Adv PANIX

Morningstar Category
Intermediate Core Bond

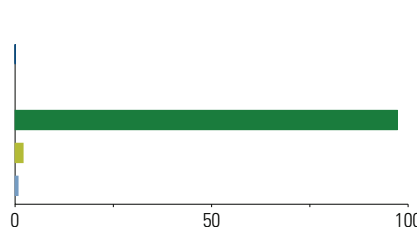
Morningstar Index
BBgBarc US Agg Bond TR USD

Style Analysis as of 09-30-2019

Style Breakdown



Asset Allocation as of 09-30-2019

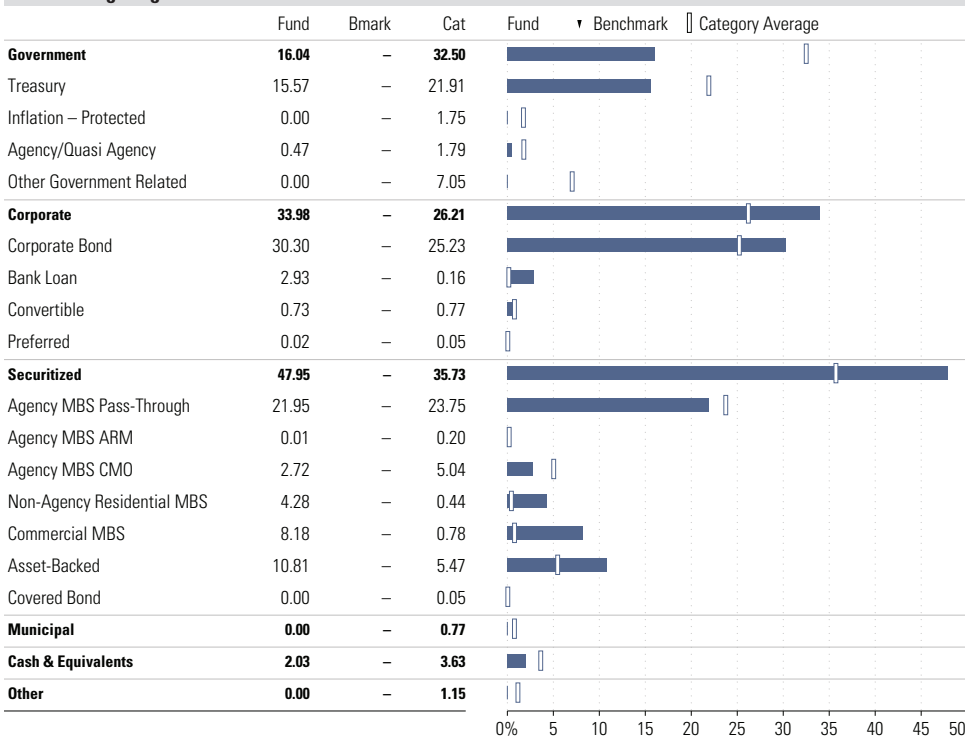


Asset Class	Net %	Cat%
US Stocks	0.01	-0.15
Non-US Stocks	0.00	0.00
Bonds	97.21	100.71
Cash	2.03	-2.35
Other	0.75	1.79
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	49.31	3.53	41.28
AA	3.86	74.59	12.11
A	9.48	10.82	25.80
BBB	29.15	8.32	15.44
BB	3.95	0.28	3.70
B	3.70	0.00	0.74
Below B	0.16	0.00	0.35
Not Rated	0.39	2.46	0.58

Sector Weighting as of 09-30-2019



Top 10 Holdings as of 09-30-2019

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
United States Treasury Notes 2.88%	10-2023	4.32	4.32	-
⊕ Federal National Mortgage Association 3.5%	01-2041	2.45	6.77	-
⊕ T. Rowe Price Instl Floating Rate	-	2.37	9.14	-
⊖ United States Treasury Notes 2.88%	11-2023	1.84	10.98	-
⊖ T. Rowe Price Gov. Reserve	-	1.76	12.75	-
United States Treasury Bonds 3%	02-2049	1.72	14.47	-
⊖ United States Treasury Notes 2.12%	05-2021	1.44	15.91	-
⊕ Federal National Mortgage Association 3%	01-2042	1.41	17.32	-
⊕ United States Treasury Notes 1.62%	06-2021	1.38	18.71	-
⊖ United States Treasury Bonds 2.88%	05-2049	1.01	19.71	-

Total Holdings 1536

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Wells Fargo Small Company Growth Admin NVSCX

Morningstar Category
Small Growth

Morningstar Index
Russell 2000 Growth TR USD

Portfolio Manager(s)

Paul von Kuster since 11-1994
Daniel Hagen since 02-2003
William Grierson since 04-2005

Quantitative Screens

✔ **Performance:** The fund has finished in the Small 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 24.9 years.

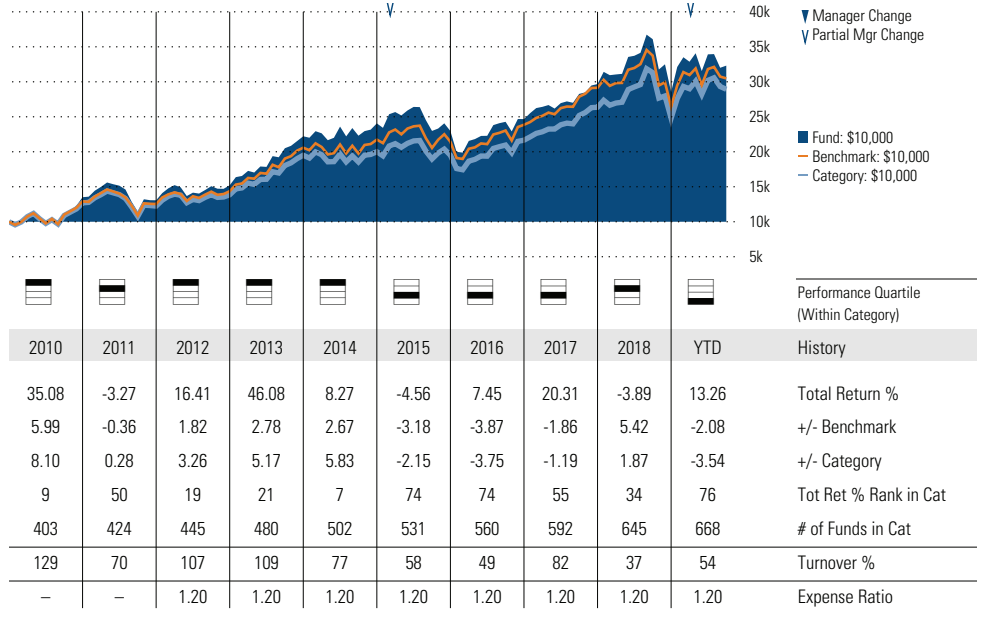
✔ **Style:** The fund has landed in its primary style box — Small Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 1.2 is 1.64% lower than the Small Growth category average.

Morningstar Investment Management LLC Analysis

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

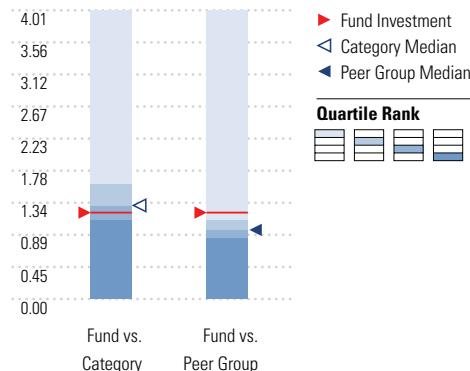
Growth of \$10,000



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	0.21	-	2.42
Beta	1.00	-	0.94
R-Squared	96.06	-	91.43
Standard Deviation	17.88	17.47	17.30
Sharpe Ratio	0.53	0.53	0.64
Tracking Error	3.55	-	5.10
Information Ratio	0.06	-	0.38
Up Capture Ratio	99.81	-	99.42
Down Capture Ratio	98.74	-	88.96

Portfolio Metrics

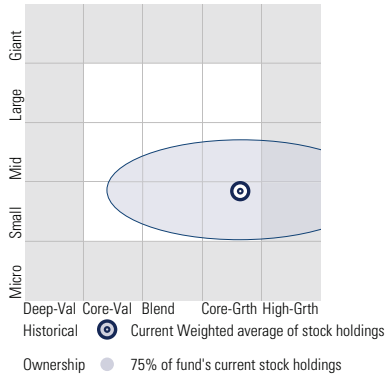
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.69	23.13	27.02
Price/Book Ratio	2.74	3.83	4.13
Geom Avg Mkt Cap \$B	2.97	2.03	3.72
ROE	6.05	6.01	7.16

Wells Fargo Small Company Growth Admin NVSCX

Morningstar Category
Small Growth

Morningstar Index
Russell 2000 Growth TR USD

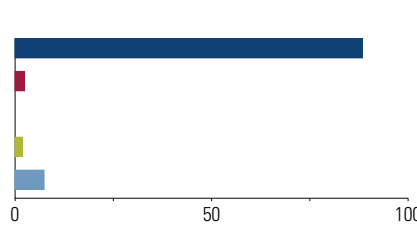
Style Analysis as of 09-30-2019
Morningstar Style Box™



Style Breakdown

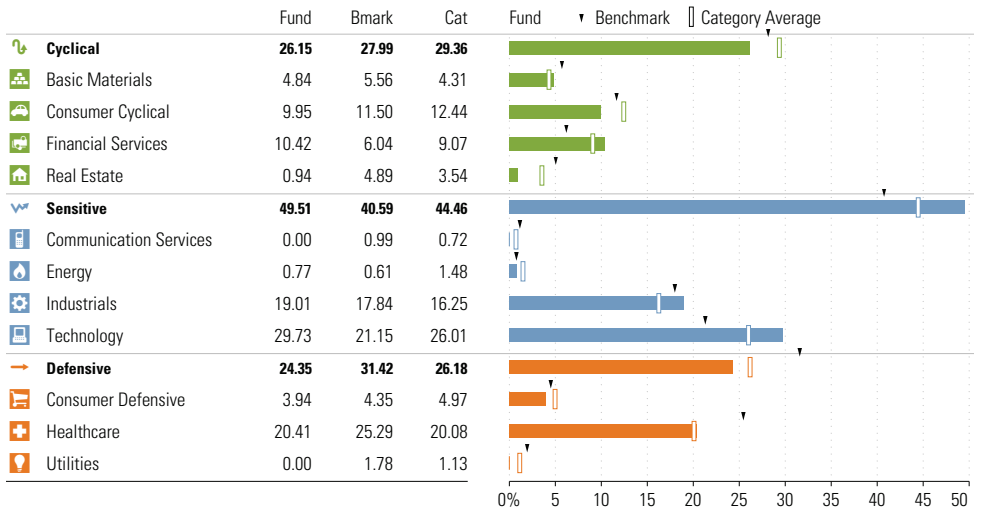


Asset Allocation as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	88.36	93.72
Non-US Stocks	2.39	3.23
Bonds	0.00	0.00
Cash	1.88	2.80
Other	7.37	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
⊖ Wf Sec Lending Cash Invst Llc Wbbs	7.37	7.37	-	-
⊖ Wells Fargo Government MMkt Select	1.88	9.25	-	-
⊕ RealPage Inc	1.54	10.80	30.44	Technology
⊕ Essent Group Ltd	1.49	12.28	39.91	Financial Services
⊕ Icon PLC	1.48	13.76	14.03	Healthcare
⊕ Syneos Health Inc A	1.38	15.15	35.22	Healthcare
⊖ Performance Food Group Co	1.34	16.48	42.58	Consumer Defensive
⊕ SS&C Technologies Holdings Inc	1.33	17.82	14.99	Technology
⊕ Evercore Inc A	1.33	19.15	14.25	Financial Services
⊕ Ciena Corp	1.28	20.42	15.69	Technology
⊕ ASGN Inc	1.25	21.68	15.34	Industrials
⊖ SPX Corp	1.25	22.93	42.84	Industrials
⊕ Lumentum Holdings Inc	1.23	24.15	27.49	Technology
⊕ WEX Inc	1.19	25.34	44.27	Technology
⊖ DexCom Inc	1.16	26.50	24.57	Healthcare

Total Holdings 122

⊕ Increase ⊖ Decrease ✨ New to Portfolio