

American Century Inflation Adjs Bond R5 AIANX

Morningstar Category
Inflation-Protected Bond

Morningstar Index
BBgBarc US Treasury US TIPS TR USD

Portfolio Manager(s)

Robert Gahagan since 11-2001
 Brian Howell since 12-2004
 James Platz since 09-2007
 Miguel Castillo since 02-2014

Quantitative Screens

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

Management: The fund's management has been in place for 17.34 years.

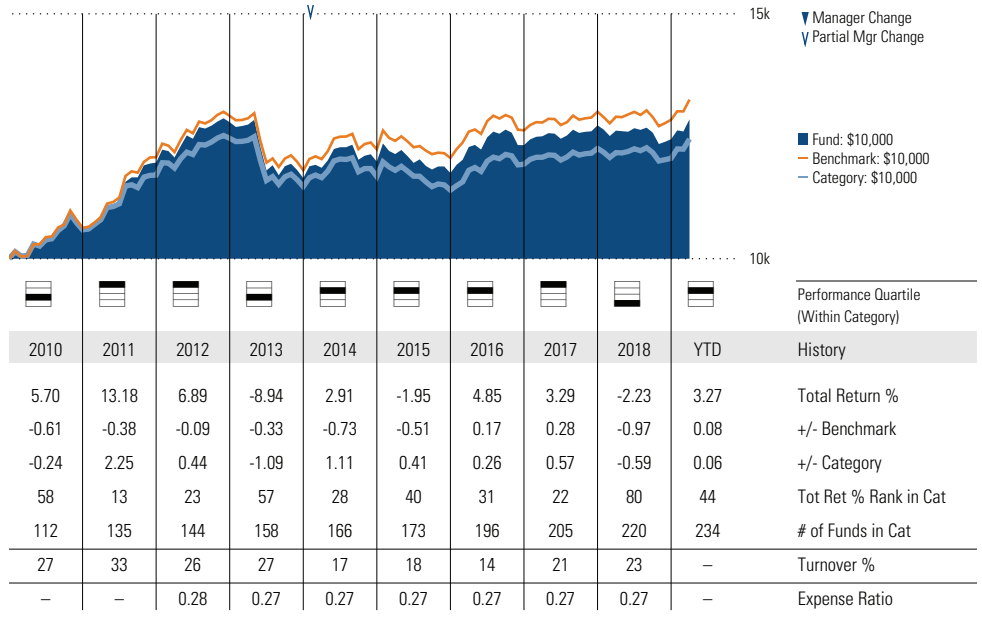
Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.27 is 64.94% lower than the Inflation-Protected Bond category average.

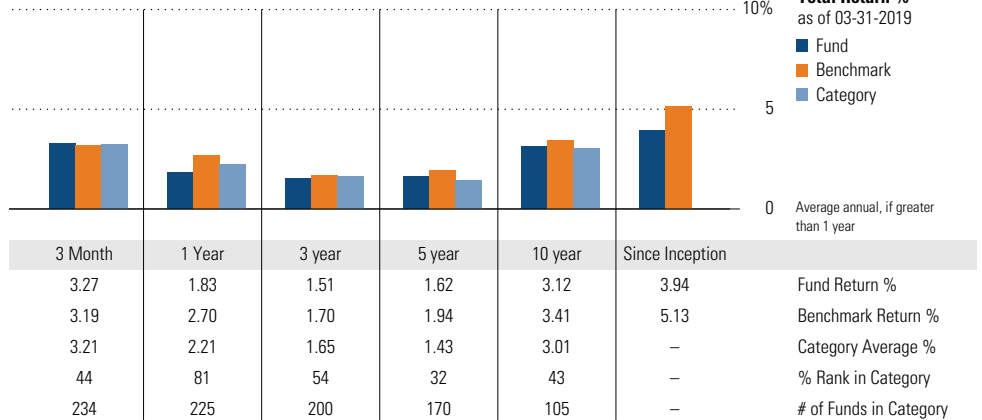
Morningstar Investment Management LLC Analysis

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

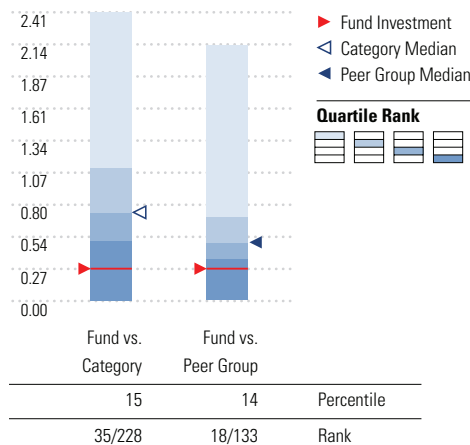
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.18	-	0.18
Beta	1.00	-	0.82
R-Squared	96.30	-	83.66
Standard Deviation	3.08	3.04	2.80
Sharpe Ratio	0.08	0.15	0.10
Tracking Error	0.59	-	1.25
Information Ratio	-0.32	-	-0.48
Up Capture Ratio	94.64	-	82.46
Down Capture Ratio	97.49	-	77.43

Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	6.72	4.52	6.19
Avg Eff Maturity	8.21	-	7.38

American Century Inflation Adjs Bond R5 AIANX

Morningstar Category
Inflation-Protected Bond

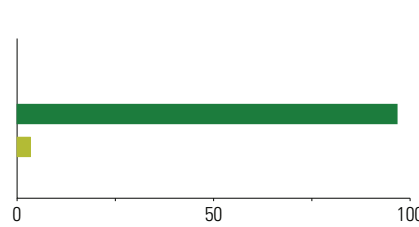
Morningstar Index
BBgBarc US Treasury US TIPS TR USD

Style Analysis as of 03-31-2019

Style Breakdown



Asset Allocation as of 03-31-2019

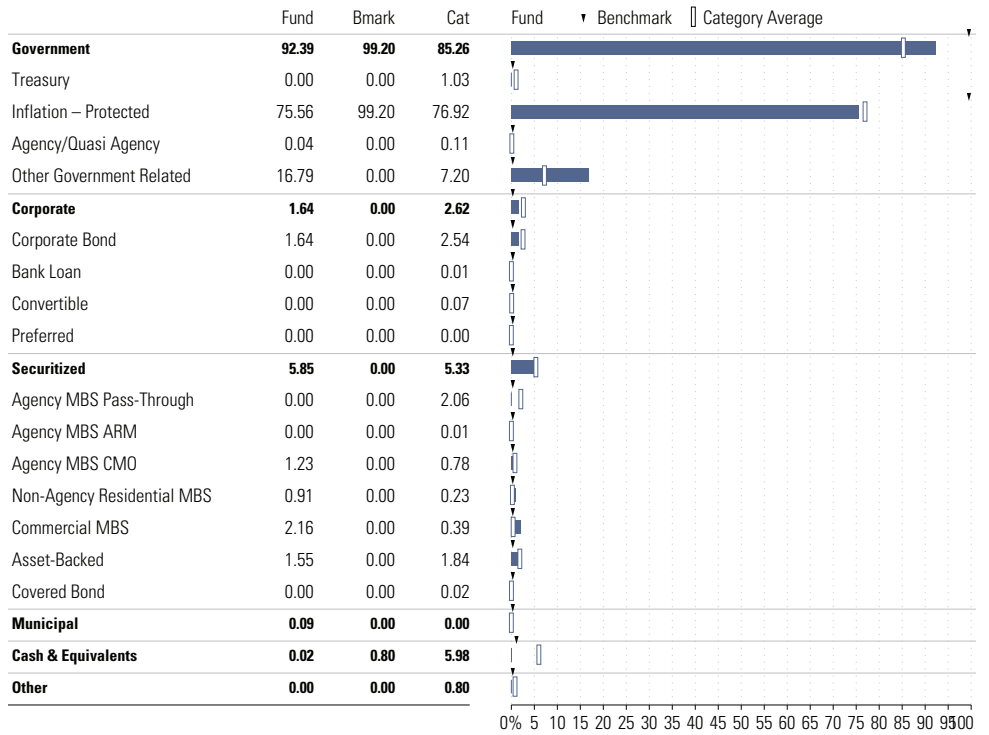


Asset Class	Net %	Cat%
US Stocks	0.00	0.01
Non-US Stocks	0.00	0.01
Bonds	96.68	99.27
Cash	3.32	0.35
Other	0.00	0.36
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	96.66	0.00	91.95
AA	1.15	99.60	1.66
A	1.30	0.00	1.99
BBB	1.31	0.00	2.70
BB	0.33	0.00	0.72
B	0.02	0.00	0.66
Below B	0.00	0.00	0.08
Not Rated	-0.77	0.40	0.24

Sector Weighting as of 03-31-2019



Top 10 Holdings as of 03-31-2019

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Us 2yr Note (Cbt) Jun19 Xcvt 20190628	06-2019	11.49	11.49	–
⊕ United States Treasury Notes 0.12%	01-2023	6.58	18.06	–
⊖ United States Treasury Notes 0.12%	01-2022	5.90	23.96	–
⊖ United States Treasury Bonds 2%	01-2026	5.49	29.45	–
⊖ United States Treasury Bonds 2.38%	01-2025	5.35	34.80	–
⊖ United States Treasury Bonds 2.38%	01-2027	4.22	39.02	–
⊖ United States Treasury Notes 0.62%	01-2024	3.96	42.98	–
⊖ United States Treasury Notes 0.62%	07-2021	3.83	46.81	–
⊖ United States Treasury Bonds 1.38%	02-2044	3.61	50.42	–
⊖ United States Treasury Notes 0.38%	07-2023	3.59	54.00	–

Total Holdings 137

⊕ Increase ⊖ Decrease ✱ New to Portfolio

American Century Mid Cap Value I AVUAX

Morningstar Category
Mid-Cap Value

Morningstar Index
Russell Mid Cap Value TR USD

Portfolio Manager(s)

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

Quantitative Screens

Performance: The fund has finished in the Mid-Cap Value category's top three quartiles in 9 of the 10 years it's been in existence.

Management: The fund's management has been in place for 15.01 years.

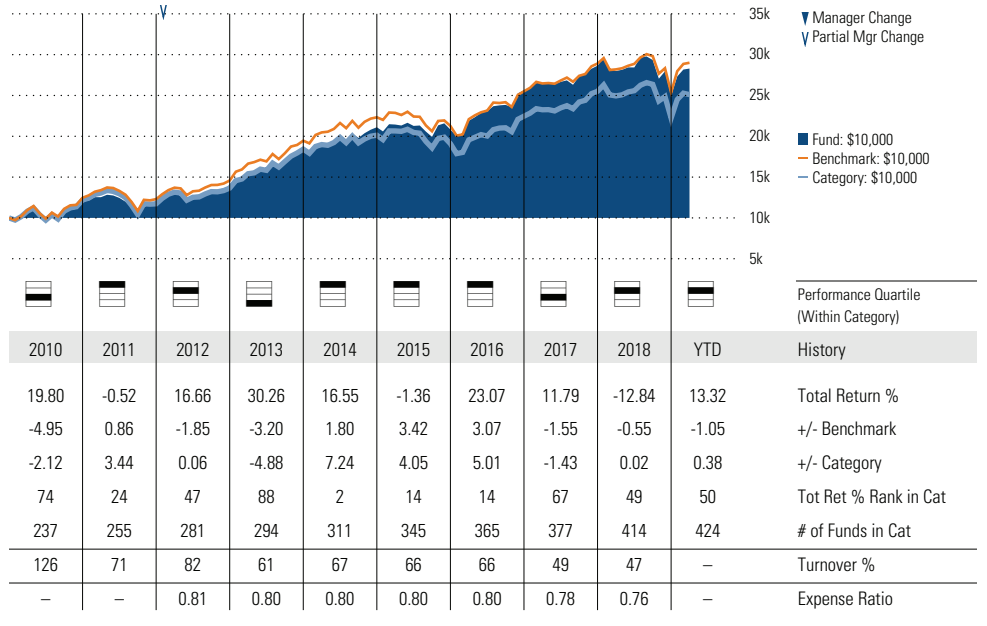
Style: The fund has landed in its primary style box — Mid-Cap Value — 100 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.76 is 28.3% lower than the Mid-Cap Value category average.

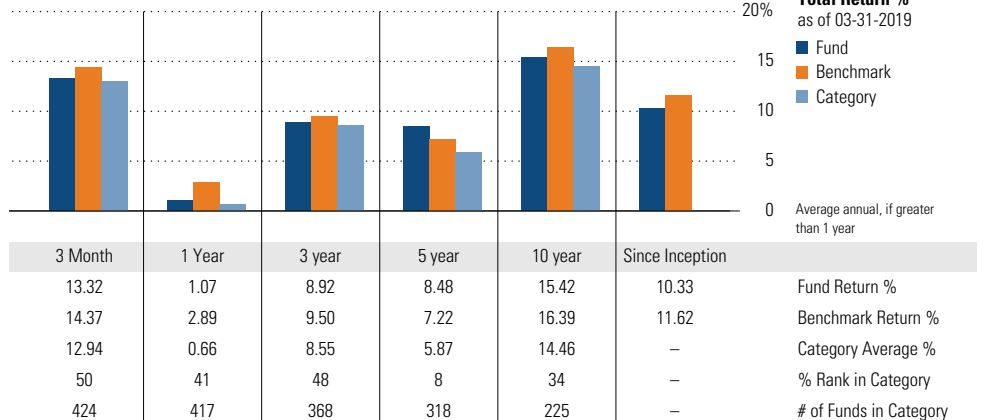
Morningstar Investment Management LLC Analysis

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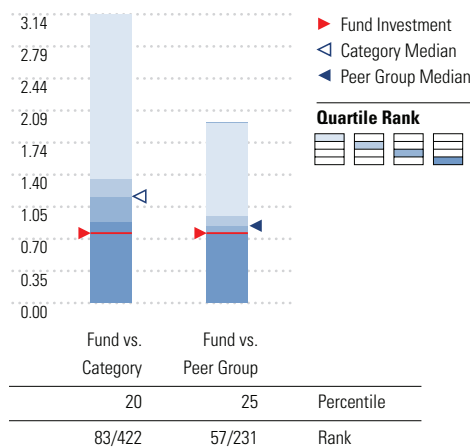
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.43	-	-1.22
Beta	0.99	-	1.04
R-Squared	95.30	-	91.01
Standard Deviation	12.14	11.94	13.07
Sharpe Ratio	0.66	0.71	0.60
Tracking Error	2.63	-	4.01
Information Ratio	-0.22	-	-0.29
Up Capture Ratio	95.51	-	94.74
Down Capture Ratio	96.86	-	99.49

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.98	18.90	17.75
Price/Book Ratio	1.89	1.81	1.74
Geom Avg Mkt Cap \$B	11.80	9.71	8.73
ROE	13.04	11.29	11.96

American Century Mid Cap Value I AVUAX

Morningstar Category

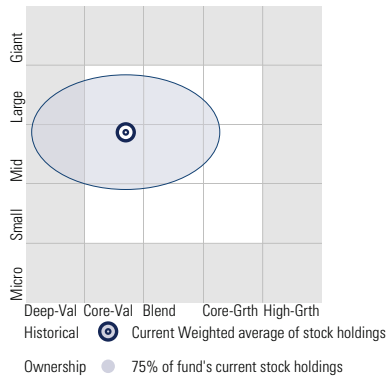
Mid-Cap Value

Morningstar Index

Russell Mid Cap Value TR USD

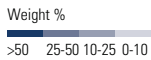
Style Analysis as of 03-31-2019

Morningstar Style Box™

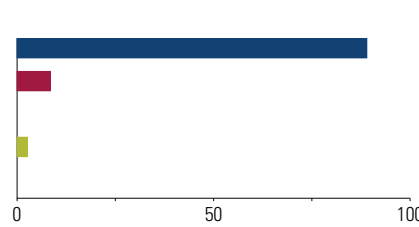


Style Breakdown

Equity			Large Mid Small
Value	Blend	Growth	
24	19	5	
25	16	3	
1	6	0	



Asset Allocation as of 03-31-2019



Asset Class	Net %	Cat%
US Stocks	88.98	91.83
Non-US Stocks	8.43	4.62
Bonds	0.00	0.05
Cash	2.60	3.35
Other	0.00	0.17
Total	100.00	100.00

Sector Weighting as of 03-31-2019

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
Cyclical	39.32	47.86	48.43			
Basic Materials	2.38	5.08	5.79			
Consumer Cyclical	10.59	11.71	14.17			
Financial Services	23.34	16.22	21.04			
Real Estate	3.01	14.85	7.43			
Sensitive	33.42	28.74	32.04			
Communication Services	0.49	1.02	0.79			
Energy	7.63	6.28	6.57			
Industrials	14.94	13.09	13.84			
Technology	10.36	8.35	10.84			
Defensive	27.26	23.39	19.54			
Consumer Defensive	8.33	5.62	5.69			
Healthcare	8.92	6.59	7.19			
Utilities	10.01	11.18	6.66			

Top 15 Holdings as of 03-31-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ iShares Russell Mid-Cap Value ETF	3.02	3.02	-	-
⊕ Northern Trust Corp	3.01	6.03	8.88	Financial Services
⊖ Zimmer Biomet Holdings Inc	2.97	9.00	23.35	Healthcare
⊖ Hubbell Inc	2.61	11.60	19.61	Technology
⊖ BB&T Corp	2.08	13.68	8.34	Financial Services
Xcel Energy Inc	1.96	15.65	14.91	Utilities
⊕ Weyerhaeuser Co	1.93	17.57	22.05	Basic Materials
⊖ Johnson Controls International PLC	1.70	19.27	25.46	Industrials
⊕ Chubb Ltd	1.53	20.80	9.00	Financial Services
⊕ Southwest Airlines Co	1.50	22.30	12.03	Industrials
⊖ Ameriprise Financial Inc	1.49	23.79	23.60	Financial Services
⊖ NorthWestern Corp	1.42	25.22	19.42	Utilities
⊖ Graphic Packaging Holding Co	1.37	26.59	19.41	Consumer Cyclical
⊕ MSC Industrial Direct Co Inc Class A	1.37	27.96	8.35	Industrials
⊕ Quest Diagnostics Inc	1.35	29.30	8.62	Healthcare

Total Holdings 103

⊕ Increase ⊖ Decrease ✨ New to Portfolio

American Funds Capital World Gr&Inc R6 RWIGX

Morningstar Category
World Large Stock

Morningstar Index
MSCI ACWI Ex USA NR USD

Portfolio Manager(s)

Mark Denning since 03-1993
Sung Lee since 02-2006
L. Barroso since 02-2007
David Riley since 02-2007
Joyce Gordon since 02-2008
Alex Sheynkman since 02-2014
Michael Cohen since 11-2014
Jin Lee since 02-2019

Quantitative Screens

✔ **Performance:** The fund has finished in the World Large Stock 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 26.03 years.

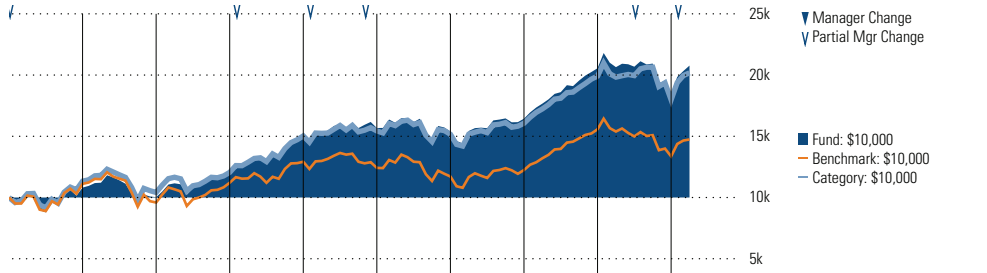
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.44 is 61.4% lower than the World Large Stock category average.

Morningstar Investment Management LLC Analysis

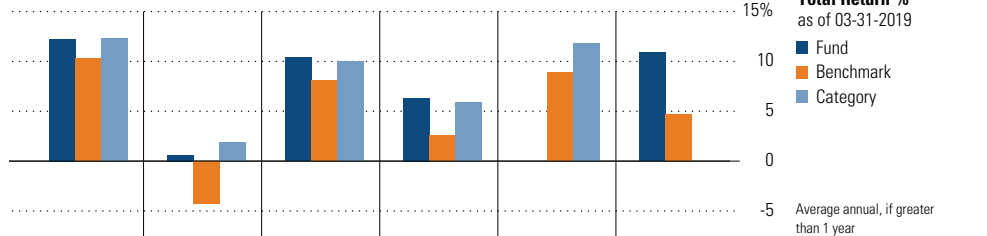
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Growth of \$10,000



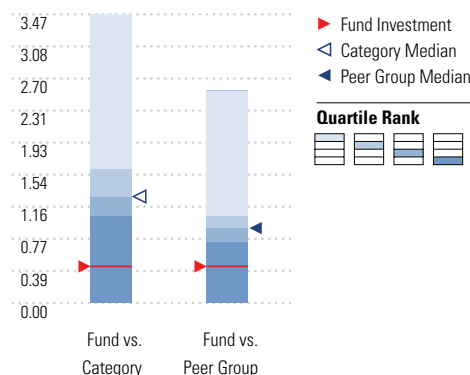
	2010	2011	2012	2013	2014	2015	2016	2017	2018	YTD	History
Performance Quartile (Within Category)	III	III	III	III	III	III	III	III	III	III	III
Total Return %	8.10	-7.23	19.56	25.28	4.36	-1.88	6.85	25.08	-9.97	12.25	Total Return %
+/- Benchmark	-3.05	6.48	2.73	9.99	8.23	3.78	2.35	-2.11	4.23	1.94	+/- Benchmark
+/- Category	-5.64	0.70	3.72	0.09	1.57	-0.19	1.31	1.47	-0.33	-0.02	+/- Category
Tot Ret % Rank in Cat	84	42	23	51	30	55	34	33	56	46	Tot Ret % Rank in Cat
# of Funds in Cat	406	440	476	551	617	668	725	790	892	958	# of Funds in Cat
Turnover %	25	27	23	24	36	35	35	35	49	-	Turnover %
Expense Ratio	-	-	0.45	0.45	0.44	0.45	0.45	0.45	0.44	-	Expense Ratio

Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	
Fund Return %	12.25	0.62	10.40	6.34	-	10.91	Fund Return %
Benchmark Return %	10.31	-4.22	8.09	2.57	8.85	4.66	Benchmark Return %
Category Average %	12.27	1.85	9.96	5.89	11.79	-	Category Average %
% Rank in Category	46	63	39	41	-	-	% Rank in Category
# of Funds in Category	958	904	738	622	-	-	# of Funds in Category

Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	3.13	-	2.87
Beta	0.87	-	0.87
R-Squared	91.10	-	73.88
Standard Deviation	9.63	10.56	10.69
Sharpe Ratio	0.94	0.67	0.82
Tracking Error	3.18	-	5.76
Information Ratio	0.73	-	0.33
Up Capture Ratio	94.18	-	90.55
Down Capture Ratio	71.27	-	68.59

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.14	15.22	17.26
Price/Book Ratio	2.42	1.58	2.15
Geom Avg Mkt Cap \$B	55.41	30.69	39.85
ROE	23.66	15.65	18.92

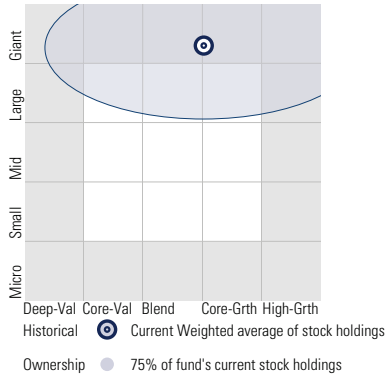
American Funds Capital World Gr&Inc R6 RWIGX

Morningstar Category
World Large Stock

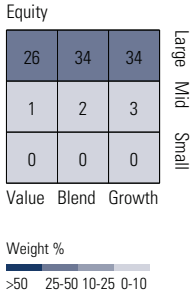
Morningstar Index
MSCI ACWI Ex USA NR USD

Style Analysis as of 03-31-2019

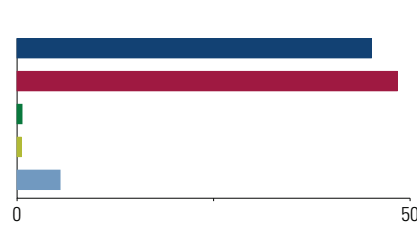
Morningstar Style Box™



Style Breakdown

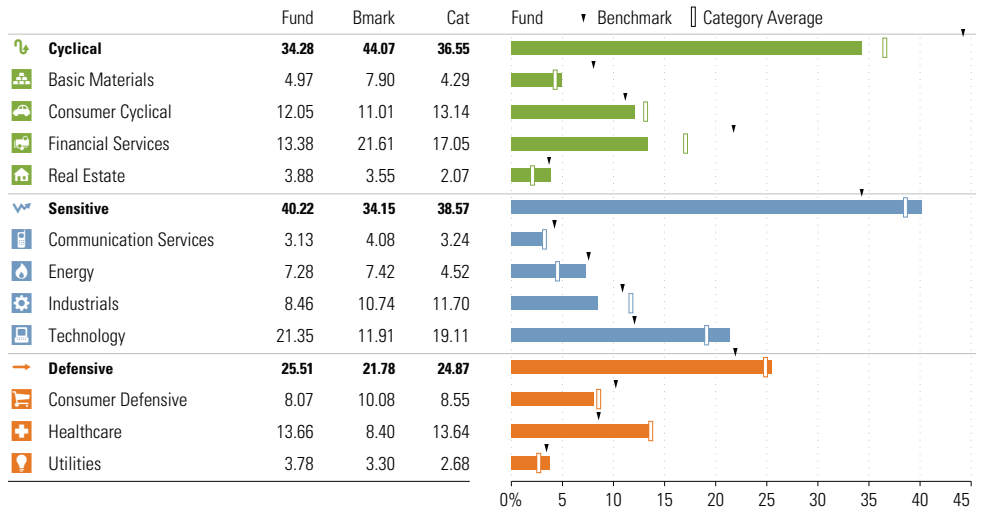


Asset Allocation as of 03-31-2019

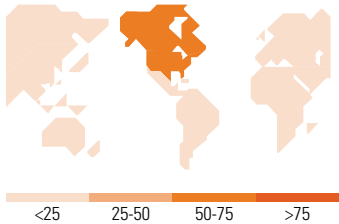


Asset Class	Net %	Cat%
US Stocks	45.06	53.52
Non-US Stocks	48.35	42.86
Bonds	0.62	-0.42
Cash	0.51	3.55
Other	5.46	0.49
Total	100.00	100.00

Sector Weighting as of 03-31-2019



World Regions % Equity 03-31-2019



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %
Greater Asia	19.26	16.50	Americas	53.08	58.54	Greater Europe	27.65	24.97	Market Maturity	Fund %
Japan	3.67	5.92	North America	50.55	57.62	United Kingdom	10.38	7.12	Developed Markets	90.25
Australasia	0.36	1.05	Central/Latin	2.53	0.92	W euro-ex UK	16.38	16.92	Emerging Markets	9.75
Asia-4 Tigers	8.65	3.75				Emrgng Europe	0.45	0.31	Not Available	0.00
Asia-ex 4 Tigers	6.58	5.78				Africa	0.44	0.62		
Not Classified	0.00	0.00								

Top 10 Holdings as of 03-31-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Cap Grp Cent Fd Ser	5.01	5.01	-	-
⊖ Broadcom Inc	2.76	7.77	19.30	Technology
⊕ AbbVie Inc	1.99	9.76	-11.42	Healthcare
⊖ Microsoft Corp	1.83	11.59	16.57	Technology
⊕ Novartis AG	1.51	13.10	18.97	Healthcare
⊕ Netflix Inc	1.47	14.57	33.21	Consumer Cyclical
⊕ UnitedHealth Group Inc	1.45	16.02	-0.39	Healthcare
⊕ Facebook Inc A	1.38	17.40	27.16	Technology
⊕ Intel Corp	1.34	18.74	15.10	Technology
⊕ Airbus SE	1.29	20.03	40.69	Industrials

Total Holdings 351

⊕ Increase ⊖ Decrease ✱ New to Portfolio

American Funds Europacific Growth R6 RERGX

Morningstar Category
Foreign Large Growth

Morningstar Index
MSCI EAFE NR USD

Portfolio Manager(s)

Mark Denning since 12-1991
 Carl Kawaja since 06-2001
 Nicholas Grace since 06-2002
 Sung Lee since 06-2002
 Jesper Lyckeus since 06-2004
 Jonathan Knowles since 06-2006
 Andrew Suzman since 06-2007
 Christopher Thomsen since 06-2008
 Lawrence Kymisis since 06-2014

Quantitative Screens

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

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

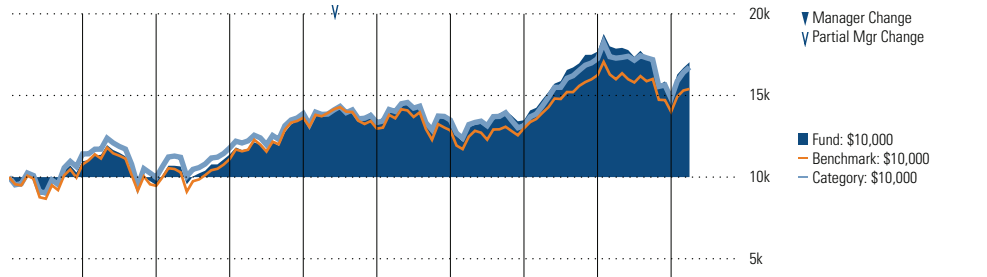
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.49 is 56.64% lower than the Foreign Large Growth category average.

Morningstar Investment Management LLC Analysis

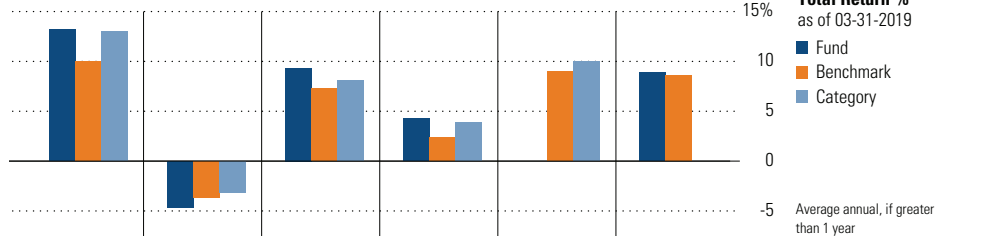
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Growth of \$10,000



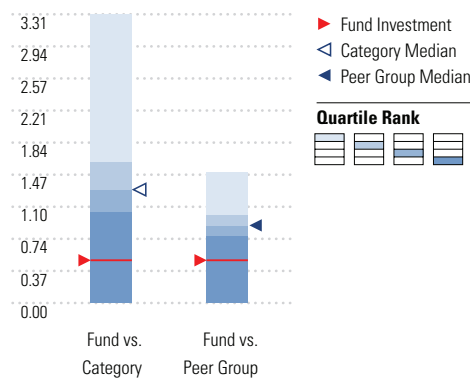
	2010	2011	2012	2013	2014	2015	2016	2017	2018	YTD	History
Performance Quartile (Within Category)	III	III	III	III	III	III	III	III	III	III	III
Total Return %	9.76	-13.31	19.64	20.58	-2.29	-0.48	1.01	31.17	-14.91	13.20	Total Return %
+/- Benchmark	2.01	-1.17	2.32	-2.20	2.61	0.33	0.01	6.14	-1.12	3.22	+/- Benchmark
+/- Category	-5.02	-1.01	1.94	2.00	1.63	-1.43	3.15	0.30	-0.83	0.20	+/- Category
Tot Ret % Rank in Cat	54	40	26	40	27	66	20	44	58	41	Tot Ret % Rank in Cat
# of Funds in Cat	248	262	267	292	314	329	360	397	436	463	# of Funds in Cat
Turnover %	26	31	24	28	28	28	30	36	0	-	Turnover %
Expense Ratio	-	-	0.50	0.50	0.49	0.49	0.50	0.50	0.49	-	Expense Ratio

Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	
Fund Return %	13.20	-4.66	9.33	4.27	-	8.87	Fund Return %
Benchmark Return %	9.98	-3.71	7.27	2.33	8.96	8.59	Benchmark Return %
Category Average %	13.00	-3.20	8.05	3.86	9.97	-	Category Average %
% Rank in Category	41	64	31	39	-	-	% Rank in Category
# of Funds in Category	463	442	373	314	-	-	# of Funds in Category

Net Expense



Fund vs. Category: 6 / 27/454
 Fund vs. Peer Group: 7 / 19/281
 Percentile Rank

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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.90	-	0.81
Beta	1.01	-	0.99
R-Squared	87.04	-	-
Standard Deviation	11.38	10.47	11.66
Sharpe Ratio	0.73	0.60	0.59
Tracking Error	4.10	-	5.26
Information Ratio	0.50	-	0.08
Up Capture Ratio	100.32	-	95.37
Down Capture Ratio	83.90	-	87.27

Portfolio Metrics

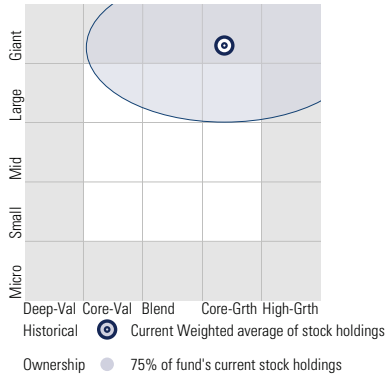
	Fund	Bmark	Cat
Price/Earnings Ratio	17.75	16.19	17.86
Price/Book Ratio	1.88	1.58	2.37
Geom Avg Mkt Cap \$B	39.57	35.93	31.37
ROE	19.74	15.50	19.30

American Funds Europacific Growth R6 RERGX

Morningstar Category
Foreign Large Growth

Morningstar Index
MSCI EAFE NR USD

Style Analysis as of 03-31-2019
Morningstar Style Box™



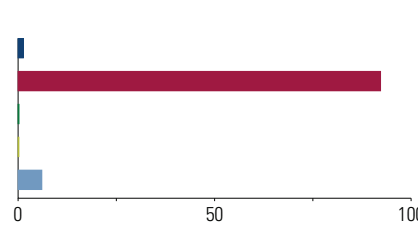
Style Breakdown

Equity

16	26	49	Large Mid Small
2	2	6	
0	0	0	
Value Blend Growth			

Weight %
>50 25-50 10-25 0-10

Asset Allocation as of 03-31-2019

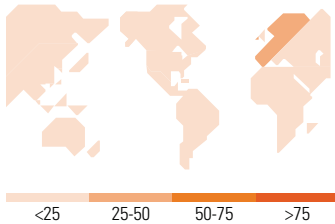


Asset Class	Net %	Cat%
US Stocks	1.33	8.20
Non-US Stocks	92.22	88.19
Bonds	0.22	0.06
Cash	0.19	2.98
Other	6.03	0.58
Total	100.00	100.00

Sector Weighting as of 03-31-2019

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
Cyclical	42.04	42.08	36.95			
Basic Materials	8.57	7.79	6.10			
Consumer Cyclical	12.99	11.50	13.23			
Financial Services	18.68	18.86	16.75			
Real Estate	1.80	3.93	0.87			
Sensitive	38.99	30.90	36.23			
Communication Services	1.88	3.98	1.53			
Energy	6.91	5.95	3.32			
Industrials	11.04	13.21	13.43			
Technology	19.16	7.76	17.95			
Defensive	18.96	27.01	26.82			
Consumer Defensive	6.52	11.92	13.37			
Healthcare	9.39	11.35	12.40			
Utilities	3.05	3.74	1.05			

World Regions % Equity 03-31-2019



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	49.18	32.42	Americas	11.50	14.69	Greater Europe	39.32	52.88	Developed Markets	70.92
Japan	13.63	13.72	North America	5.48	12.64	United Kingdom	10.09	13.24	Emerging Markets	29.08
Australasia	0.90	2.47	Central/Latin	6.02	2.05	W euro-ex UK	26.91	38.40	Not Available	0.00
Asia-4 Tigers	13.03	6.52				Emrgng Europe	0.69	0.35		
Asia-ex 4 Tigers	21.62	9.71				Africa	1.63	0.89		
Not Classified	0.00	0.00								

Top 10 Holdings as of 03-31-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Cap Grp Cent Fd Ser	5.94	5.94	-	-
⊕ AIA Group Ltd	2.88	8.83	20.23	Financial Services
⊕ Airbus SE	2.72	11.54	40.69	Industrials
⊕ Alibaba Group Holding Ltd ADR	2.49	14.03	-	Consumer Cyclical
⊕ Reliance Industries Ltd	2.47	16.50	21.58	Energy
⊕ HDFC Bank Ltd	2.40	18.90	9.29	Financial Services
⊕ Samsung Electronics Co Ltd	1.99	20.89	-	Technology
⊖ Nintendo Co Ltd	1.65	22.54	12.18	Technology
⊕ Vale SA ADR	1.49	24.04	-0.99	Basic Materials
⊖ Tencent Holdings Ltd	1.46	25.50	14.97	Technology

Total Holdings 342

⊕ Increase ⊖ Decrease ✱ New to Portfolio

American Funds Invmt Co of Amer R6 RICGX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 27.1 years.

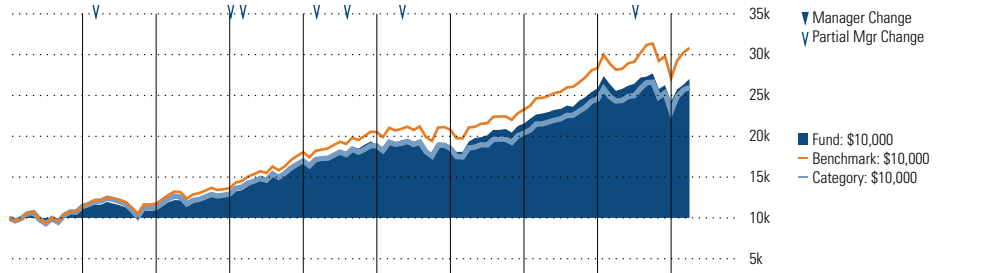
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

Morningstar Investment Management LLC Analysis

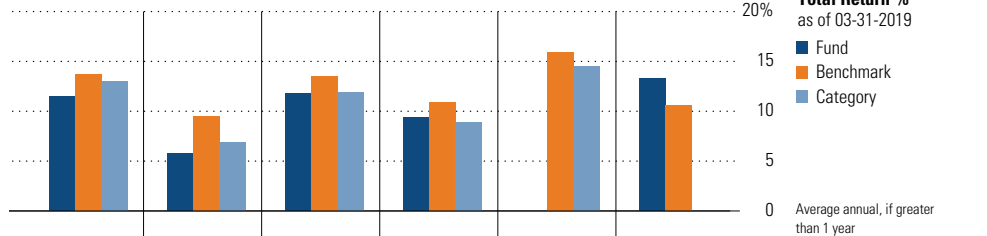
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

Growth of \$10,000



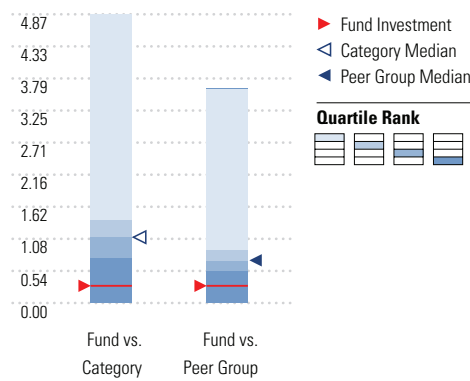
	2010	2011	2012	2013	2014	2015	2016	2017	2018	YTD	History
Performance Quartile (Within Category)	III	III	III	III	III	III	III	III	III	III	III
Total Return %	11.16	-1.45	15.98	32.84	12.41	-1.15	14.93	20.06	-6.25	11.45	Total Return %
+/- Benchmark	-3.90	-3.56	-0.02	0.45	-1.28	-2.53	2.97	-1.77	-1.87	-2.20	+/- Benchmark
+/- Category	-2.85	-0.18	1.02	1.34	1.45	-0.08	4.56	-0.38	0.02	-1.49	+/- Category
Tot Ret % Rank in Cat	83	56	35	36	39	55	7	63	58	85	Tot Ret % Rank in Cat
# of Funds in Cat	866	916	967	1,018	1,076	1,136	1,213	1,287	1,402	1,487	# of Funds in Cat
Turnover %	23	28	21	24	29	30	25	28	36	-	Turnover %
Expense Ratio	-	-	0.30	0.30	0.30	0.30	0.30	0.30	0.29	-	Expense Ratio

Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	
Fund Return %	11.45	5.80	11.81	9.37	-	13.32	Fund Return %
Benchmark Return %	13.65	9.50	13.51	10.91	15.92	10.63	Benchmark Return %
Category Average %	12.94	6.90	11.84	8.91	14.54	-	Category Average %
% Rank in Category	85	69	61	48	-	-	% Rank in Category
# of Funds in Category	1,487	1,418	1,224	1,085	-	-	# of Funds in Category

Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.16	-	-1.27
Beta	0.87	-	0.97
R-Squared	90.90	-	91.55
Standard Deviation	9.75	10.73	10.83
Sharpe Ratio	1.06	1.12	0.96
Tracking Error	3.27	-	2.93
Information Ratio	-0.52	-	-1.32
Up Capture Ratio	91.60	-	90.88
Down Capture Ratio	97.23	-	97.96

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.89	18.71	17.87
Price/Book Ratio	2.99	2.74	2.65
Geom Avg Mkt Cap \$B	73.81	73.09	97.84
ROE	26.13	21.80	22.01

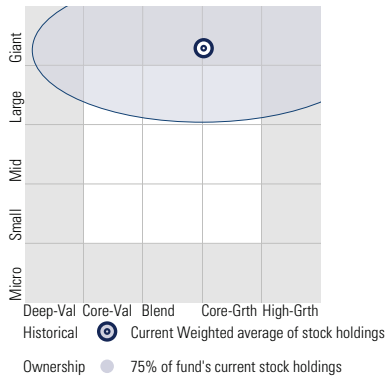
American Funds Invmt Co of Amer R6 RICGX

Morningstar Category
Large Blend

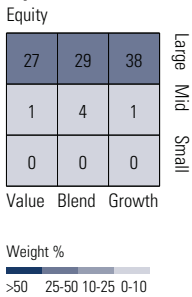
Morningstar Index
S&P 500 TR USD

Style Analysis as of 03-31-2019

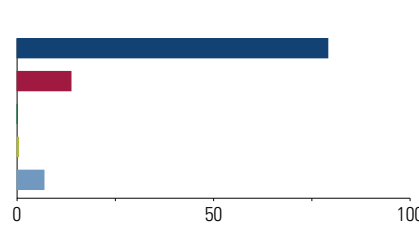
Morningstar Style Box™



Style Breakdown

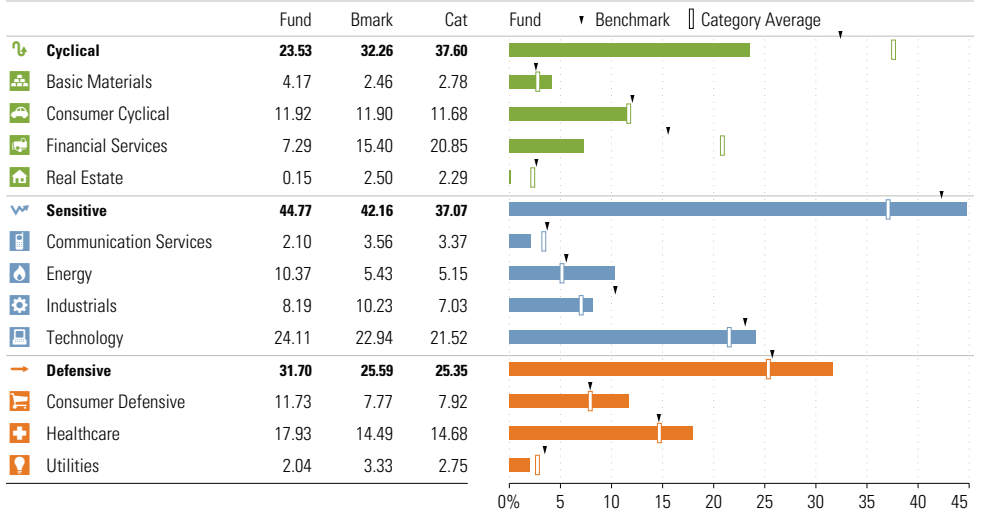


Asset Allocation as of 03-31-2019



Asset Class	Net %	Cat%
US Stocks	79.06	94.10
Non-US Stocks	13.71	3.15
Bonds	0.08	4.19
Cash	0.32	-2.54
Other	6.84	1.08
Total	100.00	100.00

Sector Weighting as of 03-31-2019



Top 15 Holdings as of 03-31-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Cap Grp Cent Fd Ser	6.80	6.80	-	-
Microsoft Corp	4.36	11.15	16.57	Technology
⊕ Facebook Inc A	4.24	15.39	27.16	Technology
⊖ AbbVie Inc	3.79	19.18	-11.42	Healthcare
Abbott Laboratories	2.81	21.99	10.96	Healthcare
⊖ Amazon.com Inc	2.20	24.19	18.56	Consumer Cyclical
⊕ Broadcom Inc	2.18	26.37	19.30	Technology
⊕ Exxon Mobil Corp	2.10	28.46	19.69	Energy
British American Tobacco PLC	2.08	30.55	29.79	Consumer Defensive
⊖ Philip Morris International Inc	2.08	32.62	34.11	Consumer Defensive
⊖ Alphabet Inc A	2.05	34.68	12.63	Technology
⊖ Amgen Inc	1.91	36.58	-1.66	Healthcare
⊖ Alphabet Inc Class C	1.74	38.33	-	Technology
⊕ EOG Resources Inc	1.56	39.89	9.39	Energy
⊖ The Home Depot Inc	1.50	41.39	12.47	Consumer Cyclical

Total Holdings 181

⊕ Increase ⊖ Decrease ✨ New to Portfolio

American Funds New World R6 RNWGX

Morningstar Category
Diversified Emerging Mkts

Morningstar Index
MSCI EM NR USD

Portfolio Manager(s)

- Robert Lovelace since 06-1999
- Carl Kawaja since 06-1999
- Mark Denning since 06-1999
- Wahid Butt since 01-2008
- Nicholas Grace since 01-2008
- Winnie Kwan since 01-2009
- Christopher Thomsen since 01-2009
- Jonathan Knowles since 01-2016
- Bradford Freer since 01-2017
- Steven Backes since 01-2019

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 19.8 years.

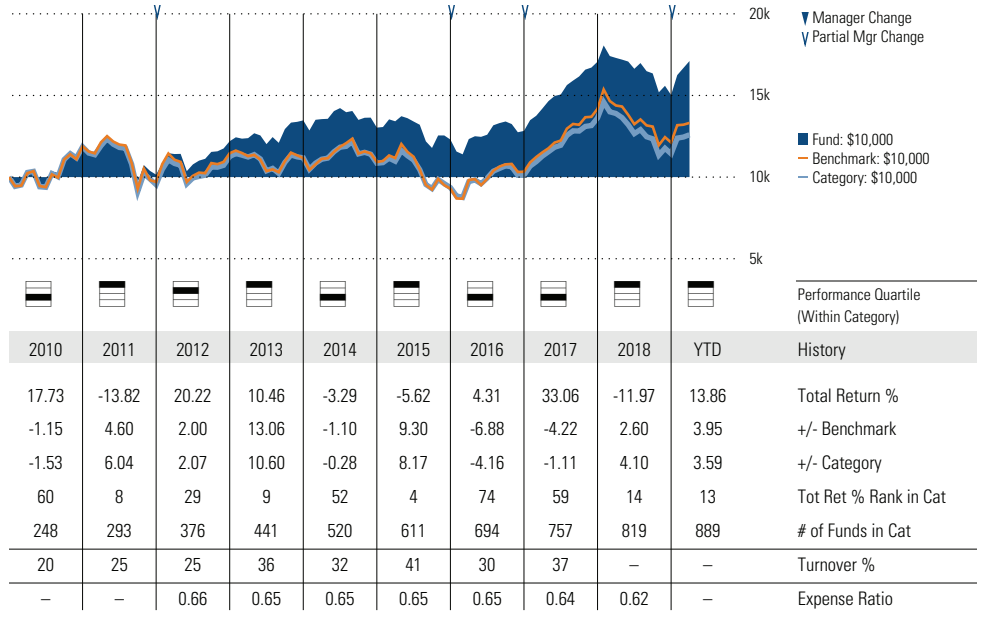
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.62 is 52.31% lower than the Diversified Emerging Mkts category average.

Morningstar Investment Management LLC Analysis

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

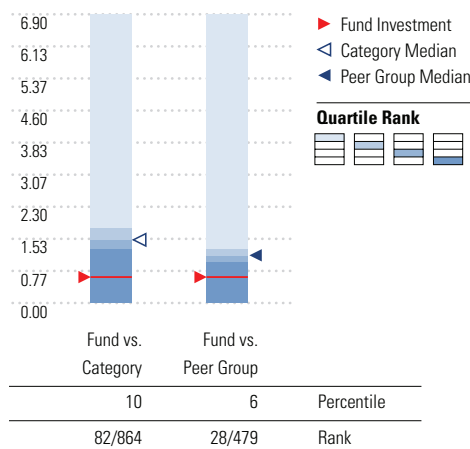
Growth of \$10,000



Trailing Performance



Net Expense



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	3.33	-	-0.58
Beta	0.74	-	0.93
R-Squared	86.09	-	86.10
Standard Deviation	10.40	13.02	13.02
Sharpe Ratio	0.98	0.74	0.64
Tracking Error	5.14	-	4.84
Information Ratio	0.17	-	-0.31
Up Capture Ratio	84.10	-	92.48
Down Capture Ratio	66.40	-	97.54

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.36	12.62	13.55
Price/Book Ratio	2.31	1.49	1.87
Geom Avg Mkt Cap \$B	20.17	19.61	20.39
ROE	19.75	17.14	20.22

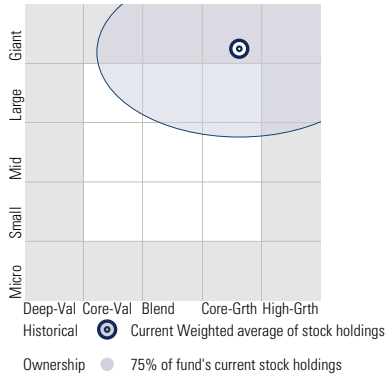
American Funds New World R6 RNWGX

Morningstar Category
Diversified Emerging Mkts

Morningstar Index
MSCI EM NR USD

Style Analysis as of 03-31-2019

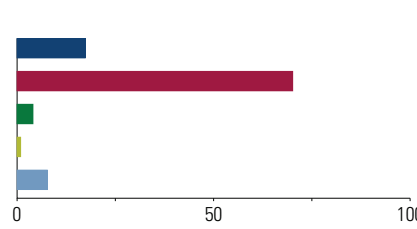
Morningstar Style Box™



Style Breakdown



Asset Allocation as of 03-31-2019

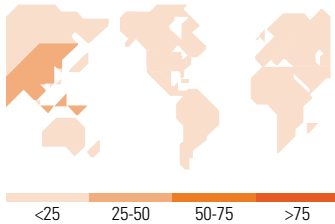


Asset Class	Net %	Cat%
US Stocks	17.32	2.72
Non-US Stocks	70.11	96.05
Bonds	4.02	1.02
Cash	0.89	-0.32
Other	7.67	0.53
Total	100.00	100.00

Sector Weighting as of 03-31-2019

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
Cyclical	40.09	46.59	46.79			
Basic Materials	8.35	7.59	6.26			
Consumer Cyclical	13.74	11.57	12.64			
Financial Services	16.75	24.14	25.38			
Real Estate	1.25	3.29	2.51			
Sensitive	39.56	41.79	39.12			
Communication Services	0.96	4.57	3.91			
Energy	6.98	7.88	6.64			
Industrials	8.56	4.97	5.46			
Technology	23.06	24.37	23.11			
Defensive	20.35	11.62	14.09			
Consumer Defensive	7.56	6.64	9.26			
Healthcare	9.73	2.50	2.86			
Utilities	3.06	2.48	1.97			

World Regions % Equity 03-31-2019



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	44.72	69.31	Americas	32.71	15.52	Greater Europe	22.57	15.19	Developed Markets	55.49
Japan	5.33	0.08	North America	21.32	1.38	United Kingdom	4.24	0.69	Emerging Markets	44.51
Australasia	1.24	0.02	Central/Latin	11.39	14.14	W euro-ex UK	13.54	1.33	Not Available	0.00
Asia-4 Tigers	9.58	23.14				Emrgng Europe	1.92	6.69		
Asia-ex 4 Tigers	28.57	46.07				Africa	2.87	6.48		
Not Classified	0.00	0.00								

Top 10 Holdings as of 03-31-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Cap Grp Cent Fd Ser	7.55	7.55	-	-
Reliance Industries Ltd	2.04	9.59	21.58	Energy
⊕ Alibaba Group Holding Ltd ADR	1.77	11.35	-	Consumer Cyclical
AIA Group Ltd	1.60	12.96	20.23	Financial Services
⊕ Taiwan Semiconductor Manufacturing Co Ltd	1.56	14.52	8.87	Technology
⊖ Tencent Holdings Ltd	1.54	16.06	14.97	Technology
⊕ HDFC Bank Ltd	1.49	17.55	9.29	Financial Services
⊕ Microsoft Corp	1.30	18.85	16.57	Technology
⊖ Alphabet Inc Class C	1.27	20.12	-	Technology
⊕ Kotak Mahindra Bank Ltd	1.21	21.33	6.21	Financial Services

Total Holdings 582

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Baird Aggregate Bond Inst BAGIX

Morningstar Category
Intermediate Core Bond

Morningstar Index
BBgBarc US Agg Bond TR USD

Portfolio Manager(s)

Charles Groeschell since 09-2000
Daniel Tranchita since 09-2000
Warren Pierson since 09-2000
Mary Stanek since 09-2000
M. deGuzman since 09-2000
Gary Elfe since 09-2000

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 18.51 years.

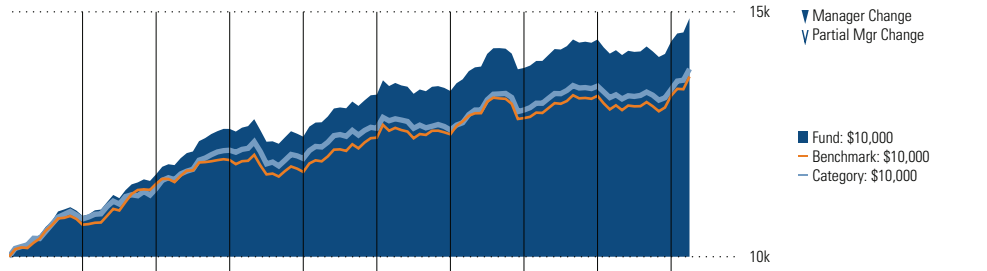
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.3 is 60% lower than the Intermediate-Term Bond category average.

Morningstar Investment Management LLC Analysis

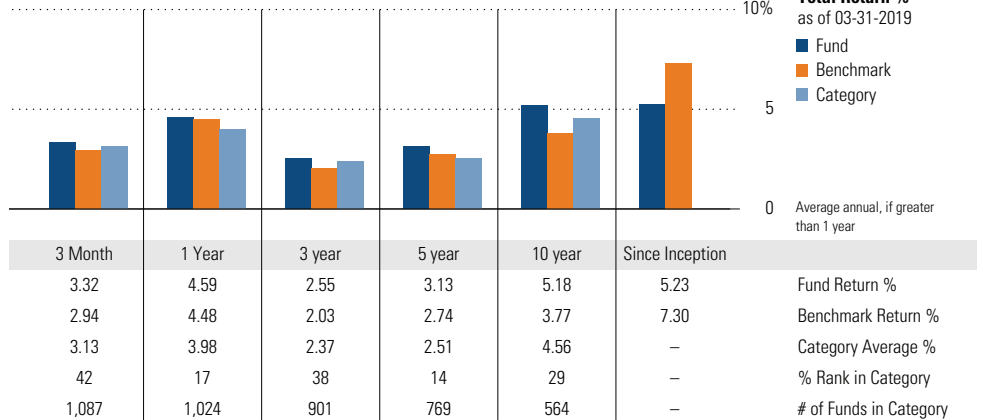
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

Growth of \$10,000

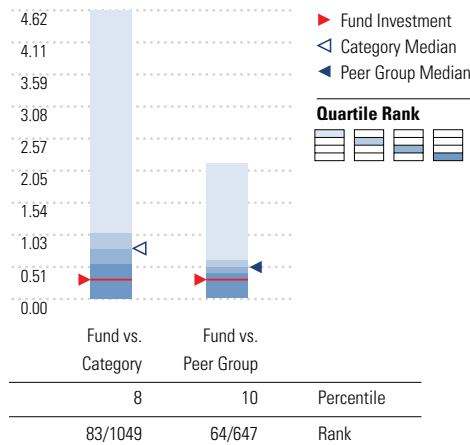


	2010	2011	2012	2013	2014	2015	2016	2017	2018	YTD	History
Performance Quartile (Within Category)	III	III	III	III	III	III	III	III	III	III	History
Total Return %	8.34	7.85	7.92	-1.25	6.89	0.55	3.52	4.20	-0.30	3.32	Total Return %
+/- Benchmark	1.80	0.01	3.71	0.77	0.92	0.00	0.87	0.66	-0.31	0.38	+/- Benchmark
+/- Category	0.62	1.99	0.91	0.17	1.71	0.81	0.29	0.49	0.20	0.19	+/- Category
Tot Ret % Rank in Cat	31	9	34	36	8	22	37	31	41	42	Tot Ret % Rank in Cat
# of Funds in Cat	603	642	678	741	766	803	875	955	1,013	1,087	# of Funds in Cat
Turnover %	41	46	64	28	32	40	36	28	24	-	Turnover %
Expense Ratio	-	-	0.30	0.30	0.30	0.30	0.30	0.30	0.30	-	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	0.52	-	-0.02
Beta	0.99	-	0.92
R-Squared	99.09	-	95.52
Standard Deviation	2.97	2.97	2.78
Sharpe Ratio	0.43	0.26	0.20
Tracking Error	0.28	-	0.62
Information Ratio	1.84	-	-0.55
Up Capture Ratio	106.29	-	90.84
Down Capture Ratio	92.84	-	91.14

Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	5.87	4.43	5.35
Avg Eff Maturity	8.09	-	7.45

Baird Aggregate Bond Inst BAGIX

Morningstar Category
Intermediate Core Bond

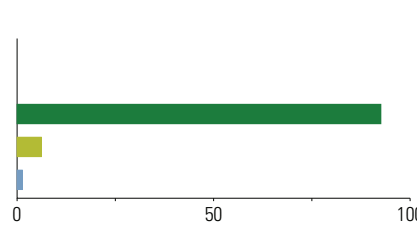
Morningstar Index
BBgBarc US Agg Bond TR USD

Style Analysis as of 03-31-2019

Style Breakdown



Asset Allocation as of 03-31-2019



Asset Class	Net %	Cat%
US Stocks	0.00	0.04
Non-US Stocks	0.00	0.00
Bonds	92.55	105.23
Cash	6.14	-6.85
Other	1.31	1.59
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	55.60	3.53	45.77
AA	4.70	74.59	9.32
A	17.70	10.82	20.99
BBB	21.60	8.32	18.62
BB	0.40	0.28	3.17
B	0.00	0.00	0.91
Below B	0.00	0.00	0.42
Not Rated	0.00	2.46	0.81

Sector Weighting as of 03-31-2019



Top 10 Holdings as of 03-31-2019

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ First American Government Oblig U	–	4.64	4.64	–
⊕ United States Treasury Bonds 2.88%	–	3.84	8.48	–
⊕ United States Treasury Notes 1.88%	03-2022	3.40	11.88	–
⊕ United States Treasury Notes 2.5%	05-2024	3.28	15.16	–
⊕ United States Treasury Notes 2.25%	11-2025	3.25	18.41	–
⊖ United States Treasury Bonds 3.5%	–	2.22	20.63	–
⊕ United States Treasury Bonds 2.5%	–	2.11	22.74	–
⊖ United States Treasury Notes 2%	11-2026	1.57	24.31	–
⊖ Fidelity® Inv MM Fds Government Instl	–	1.28	25.60	–
⊖ United States Treasury Notes 2.25%	11-2027	0.82	26.42	–

Total Holdings 1151

⊕ Increase ⊖ Decrease ✱ New to Portfolio

BlackRock High Yield Bond Instl BHYIX

Morningstar Category
High Yield Bond

Morningstar Index
ICE BofAML US High Yield TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 11.25 years.

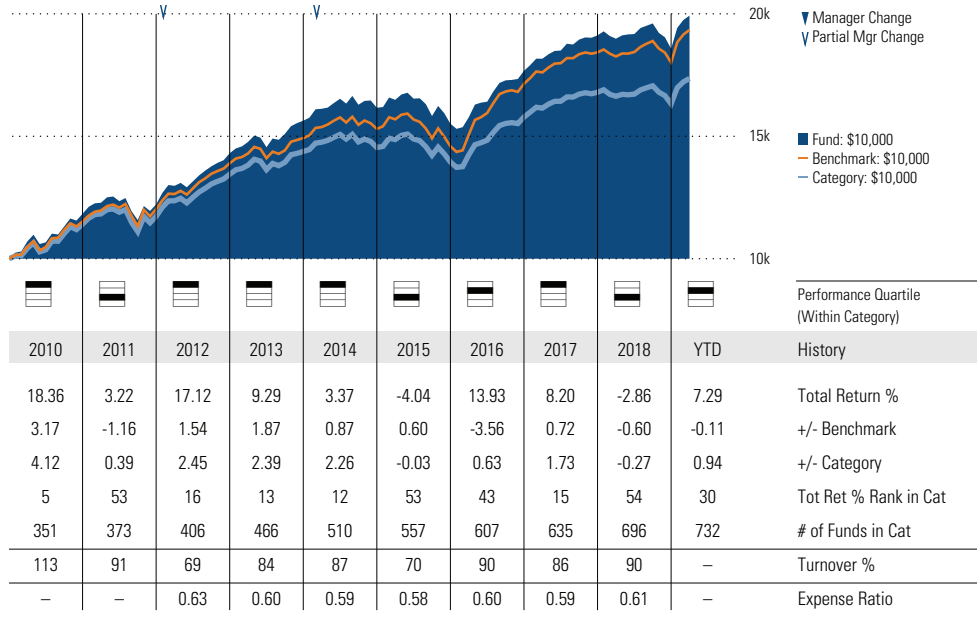
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.61 is 39.6% lower than the High Yield Bond category average.

Morningstar Investment Management LLC Analysis

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

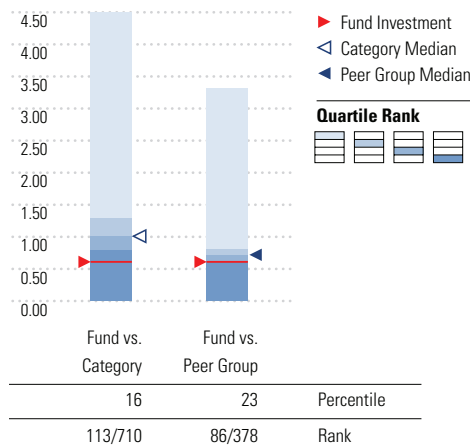
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.23	-	-0.49
Beta	0.96	-	0.87
R-Squared	95.98	-	89.85
Standard Deviation	4.53	4.61	4.25
Sharpe Ratio	1.44	1.53	1.31
Tracking Error	0.92	-	1.53
Information Ratio	-0.64	-	-1.33
Up Capture Ratio	93.61	-	83.92
Down Capture Ratio	94.27	-	94.45

Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	3.50	-	3.09
Avg Eff Maturity	6.87	-	5.10

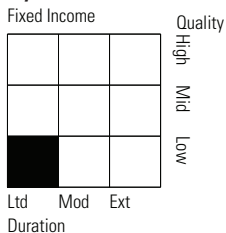
BlackRock High Yield Bond Instl BHYX

Morningstar Category
High Yield Bond

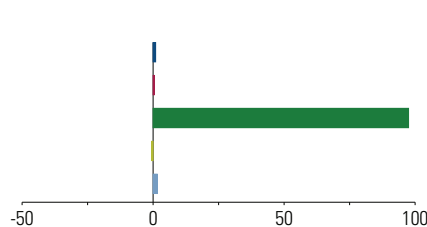
Morningstar Index
ICE BofAML US High Yield TR USD

Style Analysis as of 03-31-2019

Style Breakdown



Asset Allocation as of 03-31-2019

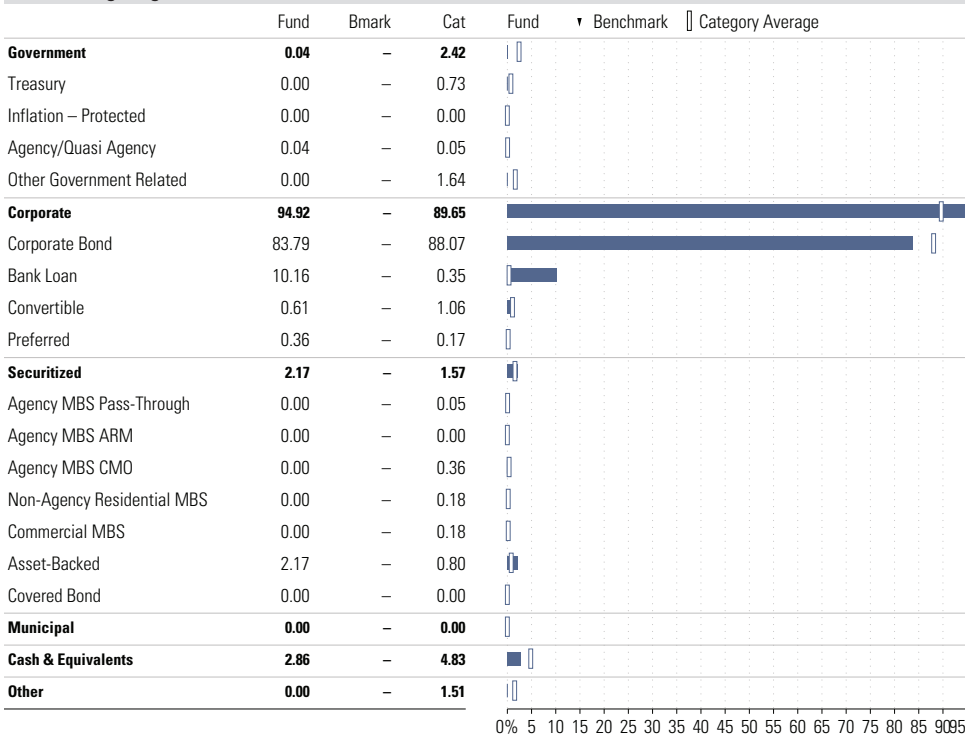


Asset Class	Net %	Cat%
US Stocks	0.96	0.65
Non-US Stocks	0.43	0.03
Bonds	97.50	94.58
Cash	-0.47	2.87
Other	1.57	1.86
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	-0.41	-	2.81
AA	0.22	-	0.24
A	0.62	-	0.98
BBB	3.52	-	4.44
BB	34.56	-	33.12
B	45.51	-	40.07
Below B	15.13	-	16.57
Not Rated	0.85	-	1.77

Sector Weighting as of 03-31-2019



Top 10 Holdings as of 03-31-2019

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Usd Cash(Committed)	-	2.72	2.72	-
⊕ BlackRock Liquidity T-Fund Instl	-	2.44	5.17	-
⊕ TransDigm, Inc. 6.25%	03-2026	1.80	6.97	-
⊖ Refinitiv Us Hold/Thomson & Reuter TI-B	10-2025	0.91	7.88	-
⊕ Ally Financial Inc. 8%	11-2031	0.90	8.78	-
Blackstone CQP Holdco 6.5%	03-2021	0.83	9.61	-
⊕ Infor (US), Inc. 6.5%	05-2022	0.77	10.38	-
⊕ Solera, LLC / Solera Finance, Inc. 10.5%	03-2024	0.73	11.11	-
⊕ Centene Escrow I Corporation 5.38%	06-2026	0.68	11.79	-
⊕ Clear Channel Worldwide Holdings Inc. 9.25%	02-2024	0.68	12.47	-

Total Holdings 1410

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Carillon Eagle Small Cap Growth I HSIIX

Morningstar Category
Small Growth

Morningstar Index
Russell 2000 Growth TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 23.26 years.

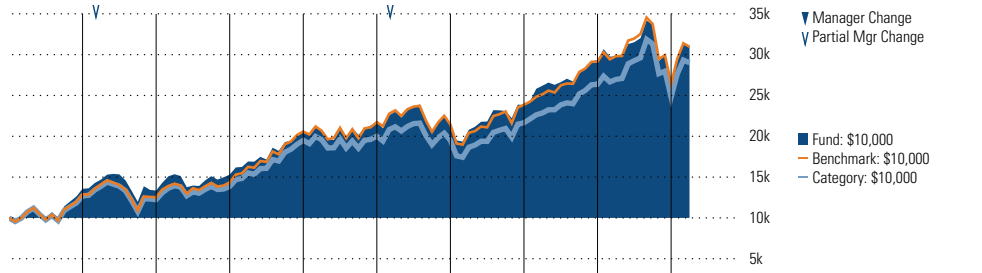
✔ **Style:** The fund has landed in its primary style box — Small Growth — 66.67 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.75 is 38.52% lower than the Small Growth category average.

Morningstar Investment Management LLC Analysis

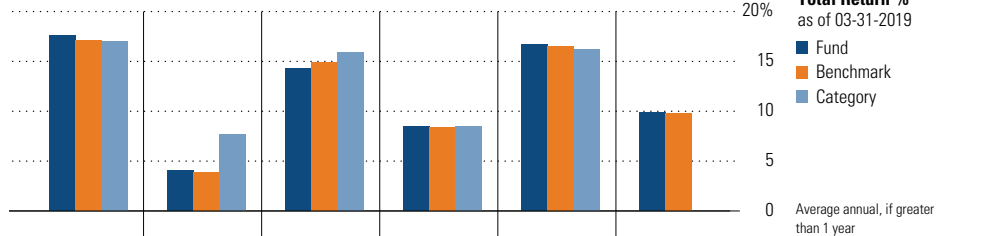
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

Growth of \$10,000



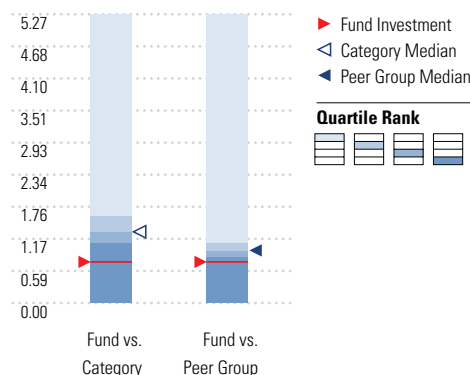
	2010	2011	2012	2013	2014	2015	2016	2017	2018	YTD	History
Performance Quartile (Within Category)	III	III	III	III	III	III	III	III	III	III	III
Total Return %	35.72	-1.62	14.60	34.52	5.43	-0.50	10.28	23.28	-10.17	17.65	Total Return %
+/- Benchmark	6.63	1.29	0.01	-8.78	-0.17	0.88	-1.04	1.11	-0.86	0.51	+/- Benchmark
+/- Category	8.74	1.93	1.45	-6.39	2.99	1.91	-0.92	1.78	-4.41	0.64	+/- Category
Tot Ret % Rank in Cat	6	34	37	84	26	27	51	40	78	38	Tot Ret % Rank in Cat
# of Funds in Cat	416	437	459	494	516	552	582	617	671	698	# of Funds in Cat
Turnover %	49	36	44	-	37	45	32	40	35	-	Turnover %
Expense Ratio	-	-	0.78	0.79	0.78	0.78	0.81	0.78	0.75	-	Expense Ratio

Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	
Fund Return %	17.65	4.03	14.27	8.48	16.65	9.92	Fund Return %
Benchmark Return %	17.14	3.85	14.87	8.41	16.52	9.79	Benchmark Return %
Category Average %	17.01	7.70	15.88	8.45	16.24	-	Category Average %
% Rank in Category	38	70	63	53	42	-	% Rank in Category
# of Funds in Category	698	681	592	525	396	-	# of Funds in Category

Net Expense



	Fund vs. Category	Fund vs. Peer Group	Percentile Rank
9	61/685	50/417	Rank

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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.06	-	1.95
Beta	0.97	-	0.94
R-Squared	93.84	-	91.31
Standard Deviation	16.29	16.27	16.11
Sharpe Ratio	0.82	0.86	0.94
Tracking Error	4.07	-	4.79
Information Ratio	-0.15	-	0.26
Up Capture Ratio	96.25	-	97.36
Down Capture Ratio	96.46	-	86.74

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	25.53	24.72	25.39
Price/Book Ratio	3.23	3.88	3.65
Geom Avg Mkt Cap \$B	2.67	1.66	2.80
ROE	9.39	10.22	9.63

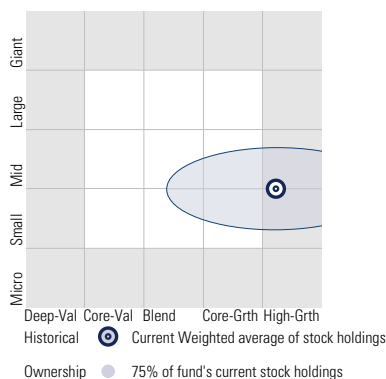
Carillon Eagle Small Cap Growth I HSIIX

Morningstar Category
Small Growth

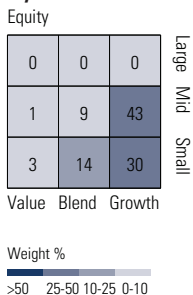
Morningstar Index
Russell 2000 Growth TR USD

Style Analysis as of 03-31-2019

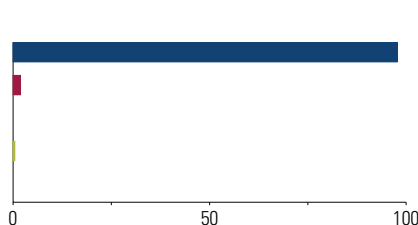
Morningstar Style Box™



Style Breakdown

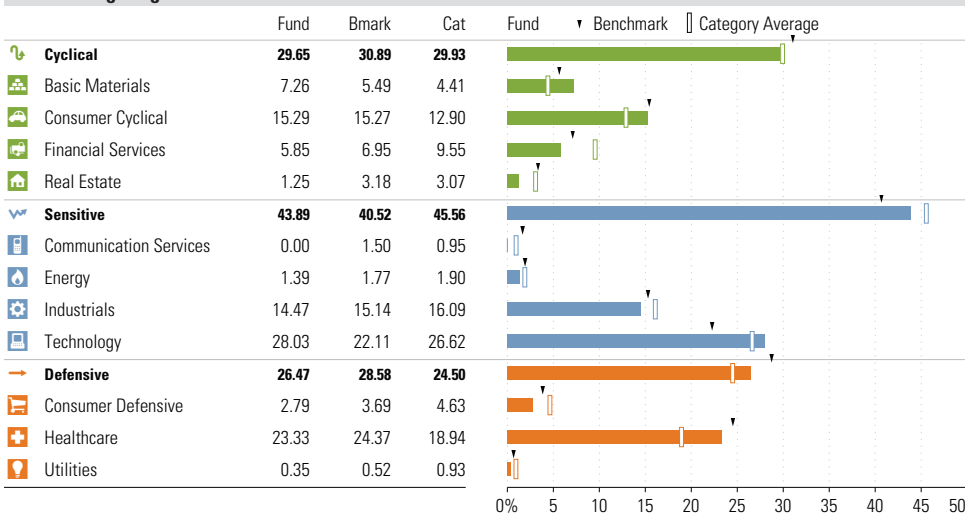


Asset Allocation as of 03-31-2019



Asset Class	Net %	Cat%
US Stocks	97.73	94.01
Non-US Stocks	1.83	3.37
Bonds	0.00	0.00
Cash	0.43	2.22
Other	0.00	0.40
Total	100.00	100.00

Sector Weighting as of 03-31-2019



Top 15 Holdings as of 03-31-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Quaker Chemical Corp	2.98	2.98	12.94	Basic Materials
⊖ Planet Fitness Inc A	2.72	5.71	-	Consumer Cyclical
⊖ Chart Industries Inc	2.35	8.06	39.20	Industrials
⊖ RealPage Inc	1.99	10.05	25.94	Technology
Cornerstone OnDemand Inc	1.80	11.85	8.63	Technology
Trex Co Inc	1.69	13.54	3.64	Basic Materials
Entegris Inc	1.62	15.16	28.20	Technology
Woodward Inc	1.61	16.77	27.95	Industrials
Cognex Corp	1.58	18.35	31.65	Technology
Hexcel Corp	1.55	19.90	20.88	Industrials
⊖ Casey's General Stores Inc	1.55	21.45	0.72	Consumer Defensive
Pegasystems Inc	1.51	22.96	35.96	Technology
⊖ Merit Medical Systems Inc	1.41	24.37	10.79	Healthcare
Landstar System Inc	1.39	25.76	14.51	Industrials
⊕ Viper Energy Partners LP	1.38	27.14	-	Energy

Total Holdings 109

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Federated Government Ultrashrt Dur Instl FGUSX

Morningstar Category
Ultrashort Bond

Morningstar Index
BBgBarc US Agg Bond TR USD

Portfolio Manager(s)

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

Quantitative Screens

✗ **Performance:** The fund has finished in the Ultrashort Bond category's top three quartiles in 5 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 21.74 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.26 is 45.83% lower than the Ultrashort Bond category average.

Morningstar Investment Management LLC Analysis

This fund fails our performance consistency screen. Its relative performance versus typical peers in the ultrashort bond category has struggled, partly due to its strict adherence to investing in government securities, which have lagged credit instruments.

Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.29	-	1.69
Beta	0.02	-	0.03
R-Squared	7.07	-	16.89
Standard Deviation	0.25	2.97	0.45
Sharpe Ratio	0.21	0.26	0.89
Tracking Error	2.92	-	2.91
Information Ratio	-0.24	-	-0.10
Up Capture Ratio	18.48	-	23.48
Down Capture Ratio	-15.07	-	-21.26

Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	0.29	4.43	0.83
Avg Eff Maturity	1.99	-	1.55

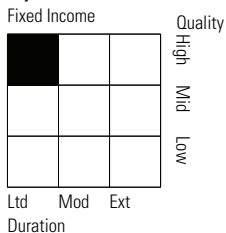
Federated Government Ultrashrt Dur Instl FGUSX

Morningstar Category
Ultrashort Bond

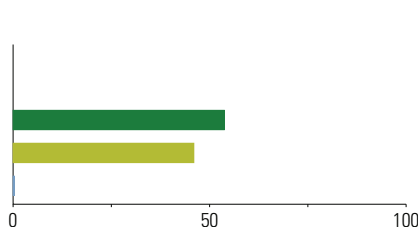
Morningstar Index
BBgBarc US Agg Bond TR USD

Style Analysis as of 03-31-2019

Style Breakdown



Asset Allocation as of 03-31-2019

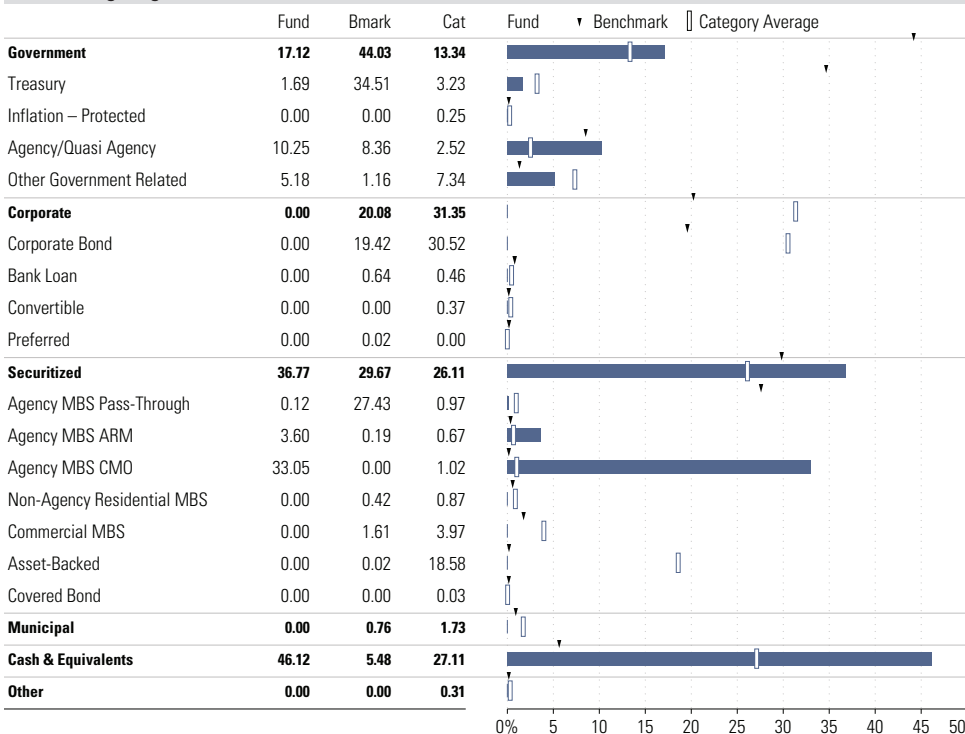


Asset Class	Net %	Cat%
US Stocks	0.00	0.01
Non-US Stocks	0.00	0.00
Bonds	53.72	71.17
Cash	45.98	27.58
Other	0.30	1.22
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	100.00	3.53	50.22
AA	0.00	74.59	10.73
A	0.00	10.82	19.78
BBB	0.00	8.32	14.86
BB	0.00	0.28	0.82
B	0.00	0.00	0.26
Below B	0.00	0.00	0.15
Not Rated	0.00	2.46	3.18

Sector Weighting as of 03-31-2019



Top 10 Holdings as of 03-31-2019

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Bmo Capital Markets Corp., 3.000%, Dated 12/31/2018, Due 1/2/2019	01-2019	20.90	20.90	–
⊕ Hsbc Securities (Usa), Inc., 3.010%, Dated 12/31/2018, Due 1/2/2019	01-2019	18.13	39.03	–
⊖ Government National Mortgage Association 2.96%	01-2065	3.23	42.26	–
⊕ Government National Mortgage Association 2.96%	02-2065	3.22	45.48	–
⊖ Federal National Mortgage Association 3%	01-2037	2.85	48.33	–
⊖ Government National Mortgage Association 2.69%	09-2062	2.83	51.16	–
⊖ Government National Mortgage Association 2.81%	06-2062	2.63	53.79	–
⊖ Government National Mortgage Association 2.65%	11-2062	2.34	56.13	–
⊕ Federal National Mortgage Association Remic, Series 2012-116, Class Fa, 2.8	10-2042	2.33	58.46	–
⊖ Government National Mortgage Association 2.65%	02-2062	2.04	60.50	–

Total Holdings 194

⊕ Increase ⊖ Decrease ✱ New to Portfolio

JPMorgan Equity Income R6 OIEJX

Morningstar Category
Large Value

Morningstar Index
Russell 1000 Value TR USD

Portfolio Manager(s)

Jonathan Simon since 08-2004

Clare Hart since 08-2004

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 14.67 years.

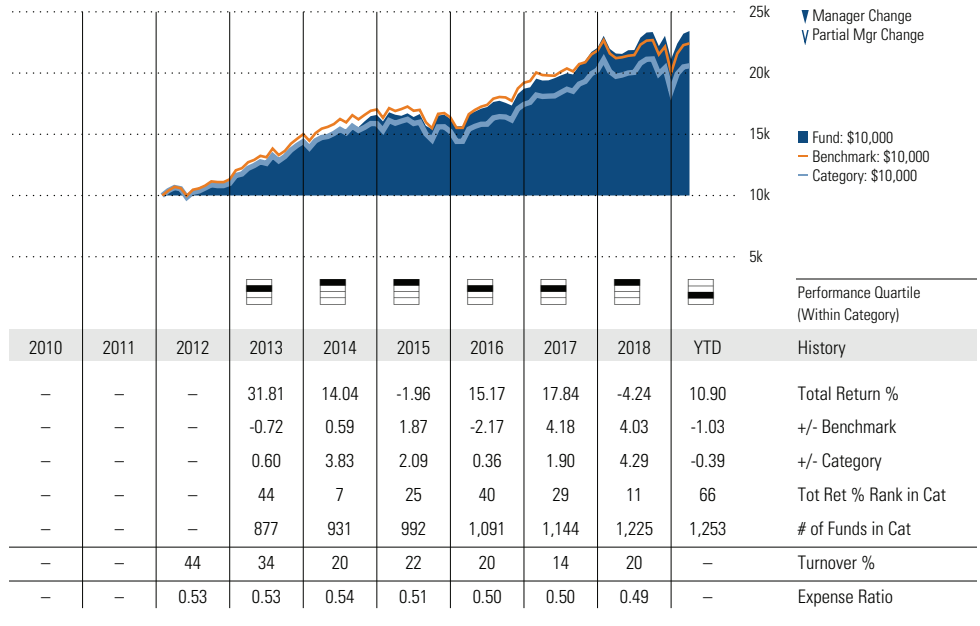
✘ **Style:** The fund has landed in its primary style box — Large Value — 64.71 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.49 is 48.96% lower than the Large Value category average.

Morningstar Investment Management LLC Analysis

This fund fails the investment style screen. However, it maintains a value-oriented strategy and we do not believe the failure is significant.

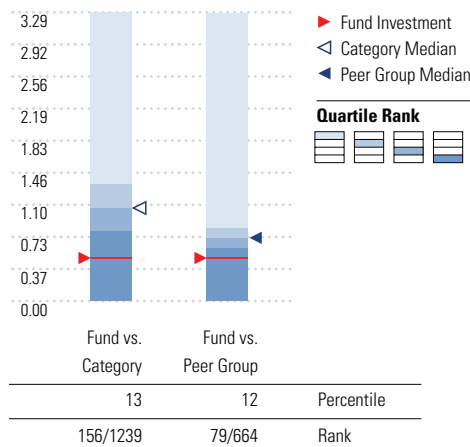
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	2.23	-	-0.34
Beta	0.92	-	0.99
R-Squared	96.16	-	90.71
Standard Deviation	9.97	10.63	11.11
Sharpe Ratio	1.06	0.87	0.80
Tracking Error	2.13	-	3.38
Information Ratio	0.75	-	-0.18
Up Capture Ratio	101.28	-	96.39
Down Capture Ratio	86.46	-	97.63

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.86	16.59	16.45
Price/Book Ratio	2.59	1.83	2.17
Geom Avg Mkt Cap \$B	55.01	53.25	87.27
ROE	22.42	13.49	19.10

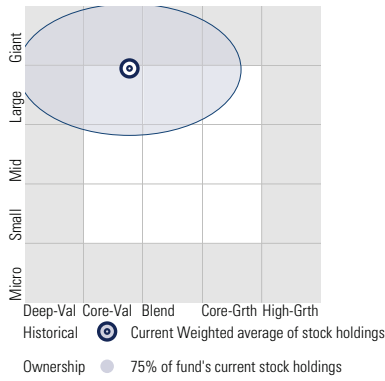
JPMorgan Equity Income R6 OIEJX

Morningstar Category
Large Value

Morningstar Index
Russell 1000 Value TR USD

Style Analysis as of 03-31-2019

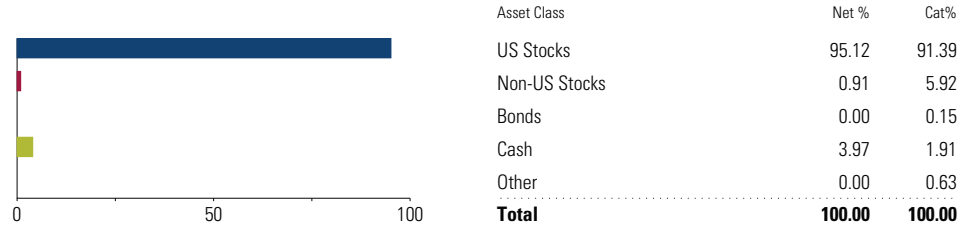
Morningstar Style Box™



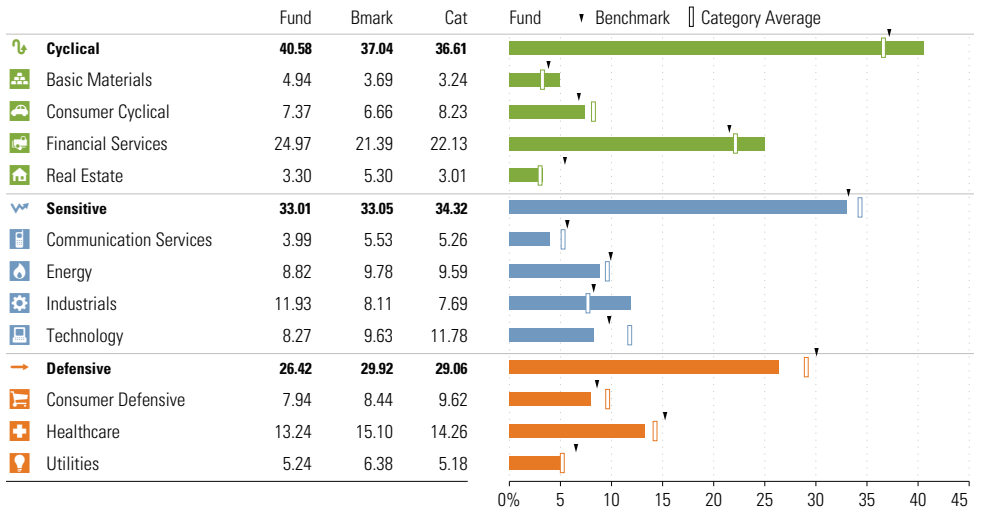
Style Breakdown



Asset Allocation as of 03-31-2019



Sector Weighting as of 03-31-2019



Top 15 Holdings as of 03-31-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ JPMorgan US Government MMkt Instl	3.97	3.97	-	-
⊕ Merck & Co Inc	3.12	7.09	9.57	Healthcare
⊖ Chevron Corp	3.10	10.19	14.32	Energy
⊕ Bank of America Corporation	2.83	13.02	12.58	Financial Services
⊕ Microsoft Corp	2.46	15.48	16.57	Technology
⊖ CME Group Inc Class A	2.22	17.70	-12.11	Financial Services
⊕ Comcast Corp Class A	2.11	19.81	17.42	Communication Svc
⊕ ConocoPhillips	2.00	21.81	7.53	Energy
⊕ PNC Financial Services Group Inc	1.98	23.79	5.73	Financial Services
⊕ BlackRock Inc	1.94	25.72	9.64	Financial Services
⊖ Eli Lilly and Co	1.89	27.61	12.69	Healthcare
⊕ Air Products & Chemicals Inc	1.83	29.44	20.04	Basic Materials
⊕ Pfizer Inc	1.79	31.24	-1.88	Healthcare
⊖ Texas Instruments Inc	1.73	32.96	13.06	Technology
⊕ Verizon Communications Inc	1.72	34.69	6.25	Communication Svc

Total Holdings 88

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Neuberger Berman Sustainable Eq Instl NBSLX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

Portfolio Manager(s)

Sajjad Ladiwala since 12-2003

Ingrid Dyott since 12-2003

Quantitative Screens

✔ **Performance:** The fund has finished in the Large Blend 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 15.29 years.

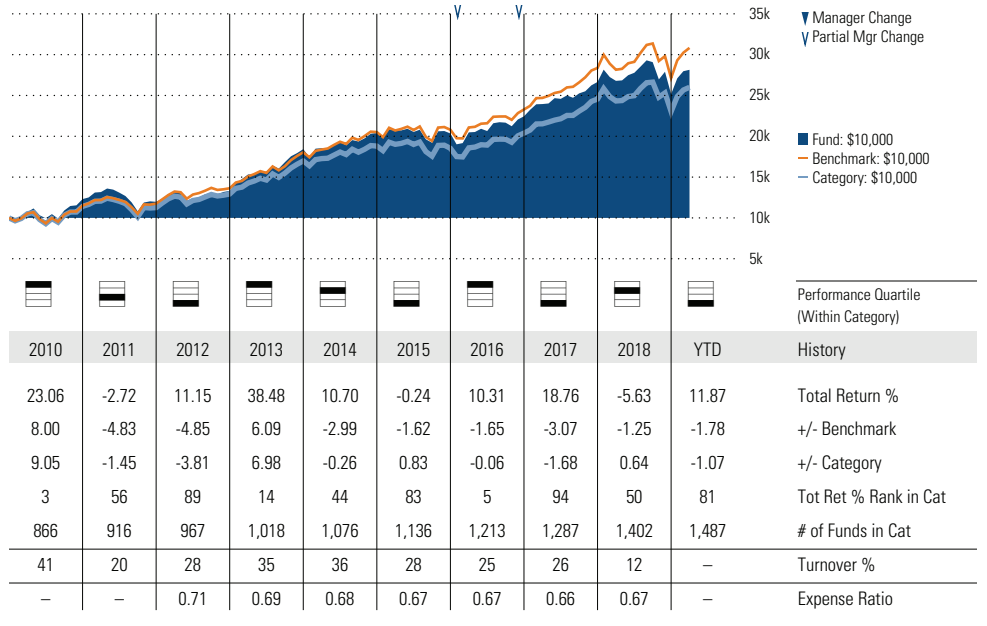
✘ **Style:** The fund has landed in its primary style box — Large Blend — 51.43 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.67 is 26.37% lower than the Large Blend category average.

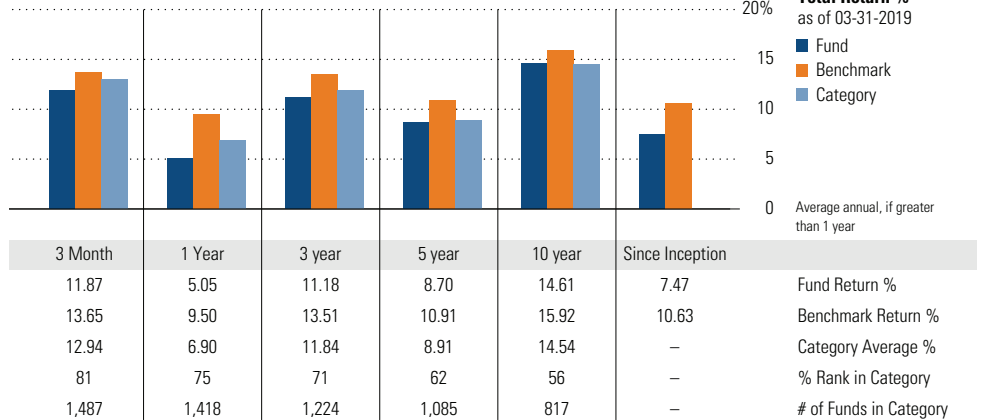
Morningstar Investment Management LLC Analysis

This fund fails our style consistency screen owing to frequent drift into the growth column of our style box. We're not concerned about this matter, as the drift has been slight.

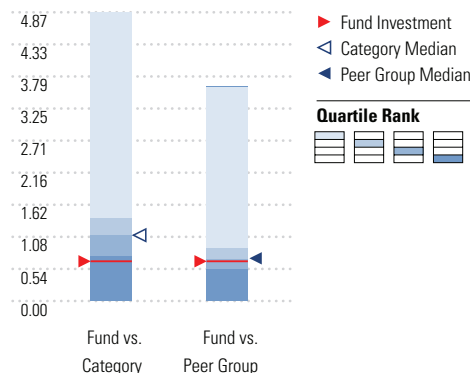
Growth of \$10,000



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	-2.19	-	-1.27
Beta	1.01	-	0.97
R-Squared	93.70	-	91.55
Standard Deviation	11.21	10.73	10.83
Sharpe Ratio	0.89	1.12	0.96
Tracking Error	2.82	-	2.93
Information Ratio	-0.83	-	-1.32
Up Capture Ratio	90.34	-	90.88
Down Capture Ratio	100.88	-	97.96

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	21.69	18.71	17.87
Price/Book Ratio	3.53	2.74	2.65
Geom Avg Mkt Cap \$B	31.65	73.09	97.84
ROE	23.44	21.80	22.01

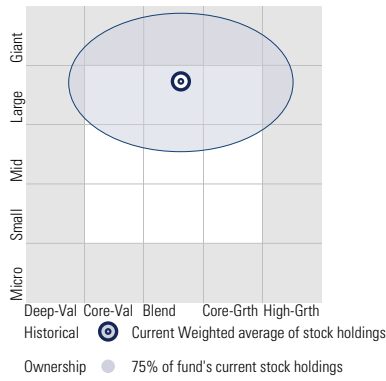
Neuberger Berman Sustainable Eq Instl NBSLX

Morningstar Category
Large Blend

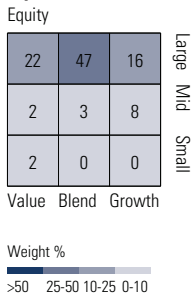
Morningstar Index
S&P 500 TR USD

Style Analysis as of 03-31-2019

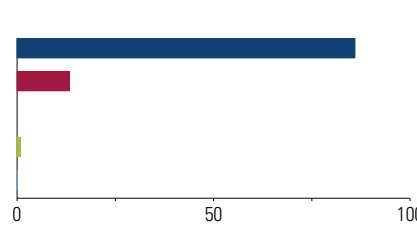
Morningstar Style Box™



Style Breakdown

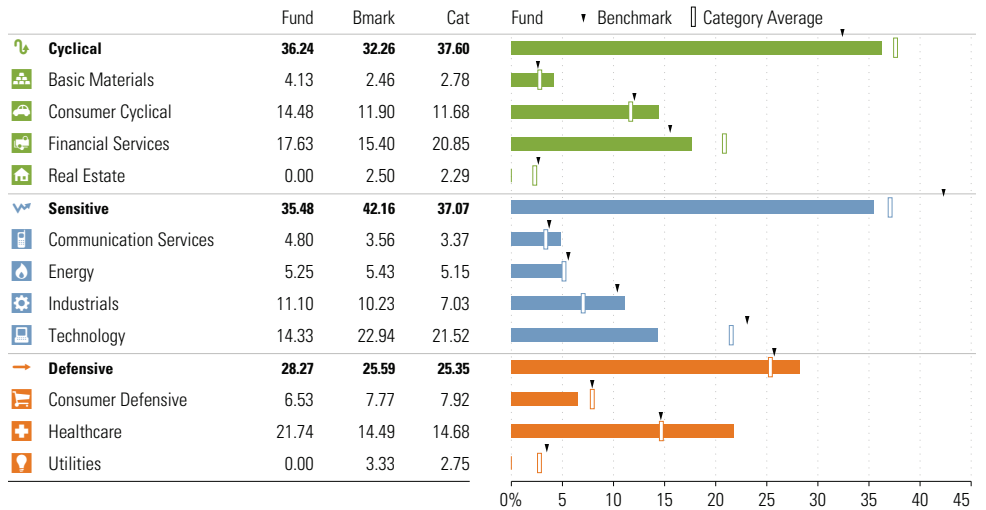


Asset Allocation as of 03-31-2019



Asset Class	Net %	Cat%
US Stocks	85.95	94.10
Non-US Stocks	13.25	3.15
Bonds	0.00	4.19
Cash	0.79	-2.54
Other	0.01	1.08
Total	100.00	100.00

Sector Weighting as of 03-31-2019



Top 15 Holdings as of 03-31-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Comcast Corp Class A	4.76	4.76	17.42	Communication Svc
Danaher Corp	4.67	9.43	28.19	Healthcare
Progressive Corp	4.28	13.72	23.66	Financial Services
Advance Auto Parts Inc	4.04	17.76	8.34	Consumer Cyclical
Texas Instruments Inc	3.80	21.56	13.06	Technology
Becton, Dickinson and Co	3.71	25.27	11.18	Healthcare
The Kroger Co	3.49	28.76	-10.04	Consumer Defensive
Intercontinental Exchange Inc	3.41	32.17	1.44	Financial Services
Cognizant Technology Solutions Corp A	3.33	35.50	14.45	Technology
3M Co	3.24	38.74	9.80	Industrials
Aptiv PLC	3.21	41.95	29.46	Consumer Cyclical
Alphabet Inc A	3.15	45.10	12.63	Technology
AmerisourceBergen Corp	3.14	48.24	7.42	Healthcare
eBay Inc	3.10	51.34	32.81	Consumer Cyclical
Unilever NV ADR	2.99	54.33	9.17	Consumer Defensive

Total Holdings 45

⊕ Increase ⊖ Decrease ✨ New to Portfolio

PIMCO Commodity Real Return Strat I2 PCRPX

Morningstar Category
Commodities Broad Basket

Morningstar Index
Bloomberg Commodity TR USD

Portfolio Manager(s)

Mihir Worah since 12-2007
 Nicholas Johnson since 01-2015
 Greg Sharenow since 11-2018
 Stephen Rodosky since 01-2019

Quantitative Screens

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

Management: The fund's management has been in place for 11.25 years.

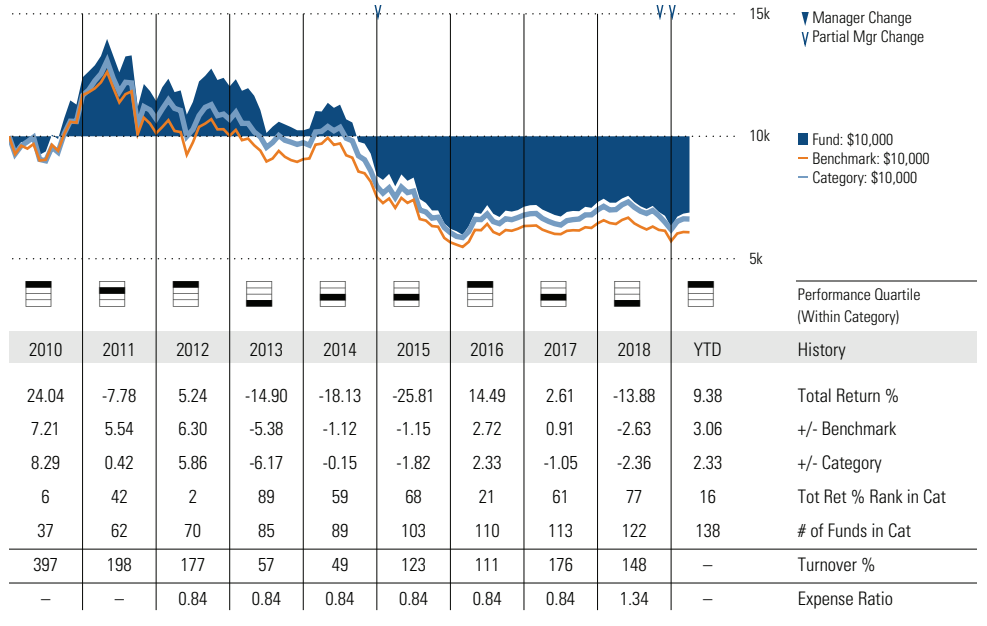
Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 1.34 is 15.52% higher than the Commodities Broad Basket category average.

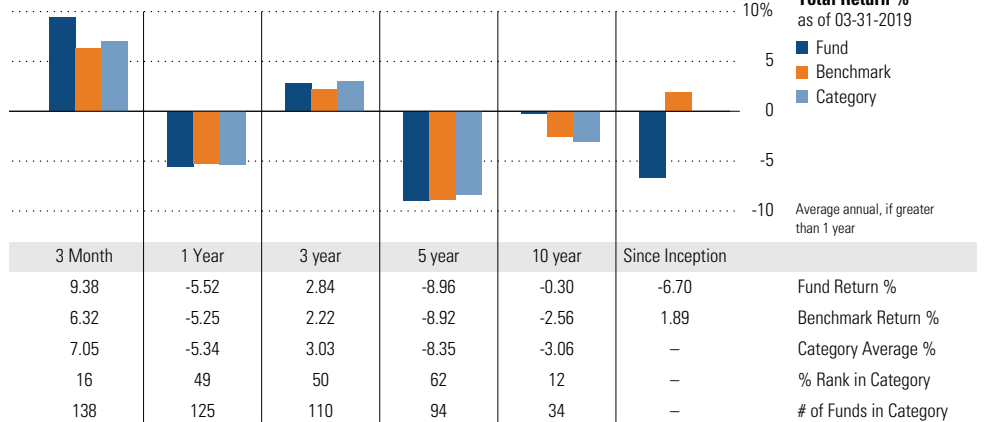
Morningstar Investment Management LLC Analysis

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

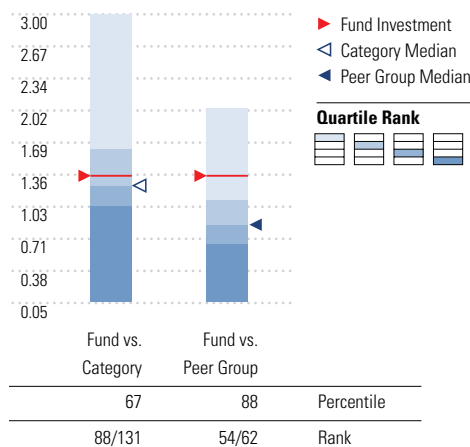
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.49	-	1.10
Beta	1.07	-	0.98
R-Squared	96.83	-	79.11
Standard Deviation	10.79	9.89	11.09
Sharpe Ratio	0.19	0.14	0.19
Tracking Error	2.05	-	4.95
Information Ratio	0.30	-	-0.01
Up Capture Ratio	113.52	-	109.09
Down Capture Ratio	110.55	-	102.78

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	12.32	-	17.61
Price/Book Ratio	1.51	-	2.09
Geom Avg Mkt Cap \$B	20.09	-	34.02
ROE	16.78	-	11.39

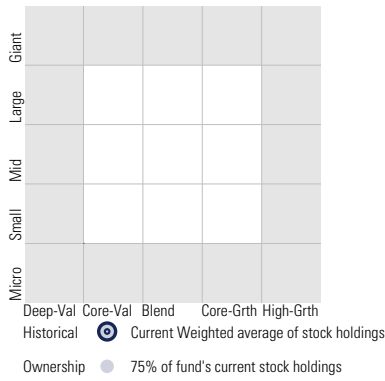
PIMCO Commodity Real Return Strat I2 PCRPX

Morningstar Category
Commodities Broad Basket

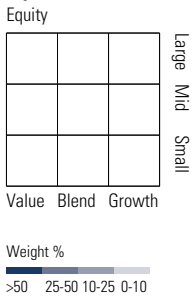
Morningstar Index
Bloomberg Commodity TR USD

Style Analysis as of 03-31-2019

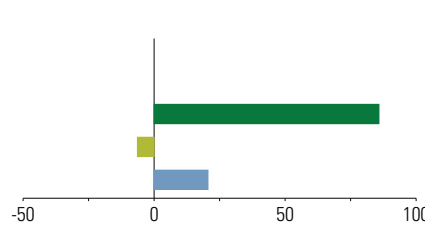
Morningstar Style Box™



Style Breakdown



Asset Allocation as of 03-31-2019



Asset Class	Net %	Cat%
US Stocks	0.00	1.80
Non-US Stocks	0.00	0.17
Bonds	85.81	36.26
Cash	-6.37	54.16
Other	20.56	7.61
Total	100.00	100.00

Sector Weighting as of 03-31-2019

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
Cyclical	64.28	-	-			
Basic Materials	7.14	-	-			
Consumer Cyclical	7.14	-	-			
Financial Services	14.29	-	-			
Real Estate	35.71	-	-			
Sensitive	28.57	-	-			
Communication Services	7.14	-	-			
Energy	0.00	-	-			
Industrials	7.14	-	-			
Technology	14.29	-	-			
Defensive	7.14	-	-			
Consumer Defensive	7.14	-	-			
Healthcare	0.00	-	-			
Utilities	0.00	-	-			

Top 15 Holdings as of 03-31-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
✳ CashOffSet	17.75	17.75	-	-
⊕ Pimco Cayman Cmnty Fd Ltd Instl	17.61	35.37	-	-
⊕ Offset: Unsettled Trades	16.93	52.30	-	-
⊕ 90 Day Eurodollar Future June19	15.97	68.27	-	-
⊕ 90 Day Eurodollar Future June20	15.82	84.10	-	-
⊕ United States Treasury Notes 0.12%	13.63	97.73	-	-
⊖ United States Treasury Notes 0.12%	11.43	109.16	-	-
⊕ Federal National Mortgage Association 4%	8.18	117.34	-	-
⊕ U.S. Treasury Bond Mar19	7.85	125.19	-	-
⊕ Federal National Mortgage Association 3.5%	7.66	132.85	-	-
⊖ United States Treasury Notes 0.12%	7.03	139.88	-	-
⊕ US 10 Year Note (CBT) Mar19	6.84	146.73	-	-
⊕ U S Tips Rev Repo	6.13	152.86	-	-
⊕ United States Treasury Bonds 2.38%	6.11	158.97	-	-
⊕ Fin Fut Uk Gilt Ice 03/27/19	5.84	164.80	-	-

Total Holdings 892

⊕ Increase ⊖ Decrease ✳ New to Portfolio

PIMCO Income I2 PONPX

Morningstar Category
Multisector Bond

Morningstar Index
BBgBarc US Universal TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 12.01 years.

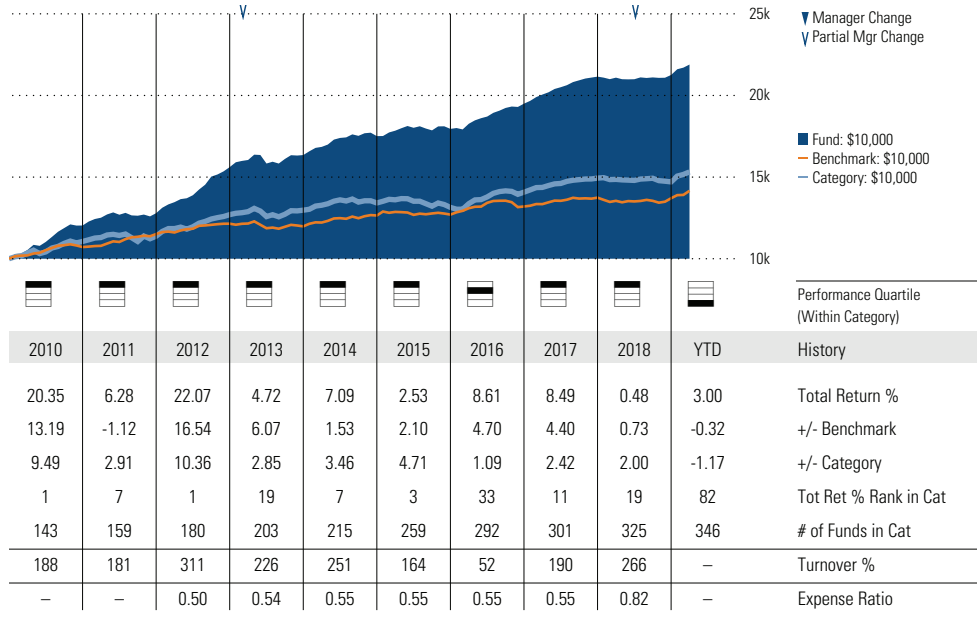
Style Consistency is not calculated for Fixed Income funds.

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

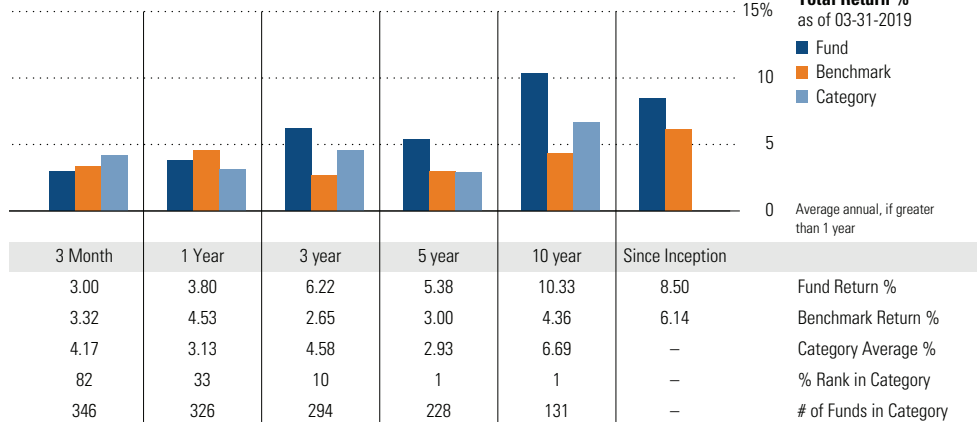
Morningstar Investment Management LLC Analysis

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

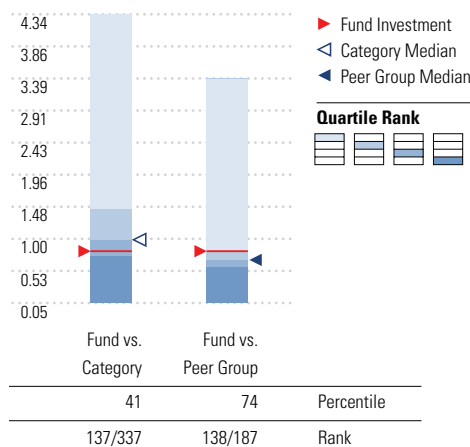
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	5.02	-	2.90
Beta	0.39	-	0.61
R-Squared	41.16	-	36.40
Standard Deviation	1.74	2.83	3.07
Sharpe Ratio	2.61	0.49	1.09
Tracking Error	2.17	-	2.77
Information Ratio	1.65	-	0.66
Up Capture Ratio	109.31	-	104.11
Down Capture Ratio	-17.02	-	35.35

Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	1.96	4.55	4.04
Avg Eff Maturity	3.80	7.69	7.46

PIMCO Income I2 PONPX

Morningstar Category
Multisector Bond

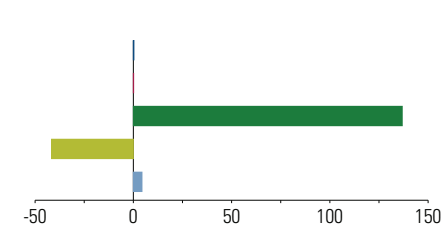
Morningstar Index
BBgBarc US Universal TR USD

Style Analysis as of 03-31-2019

Style Breakdown



Asset Allocation as of 03-31-2019

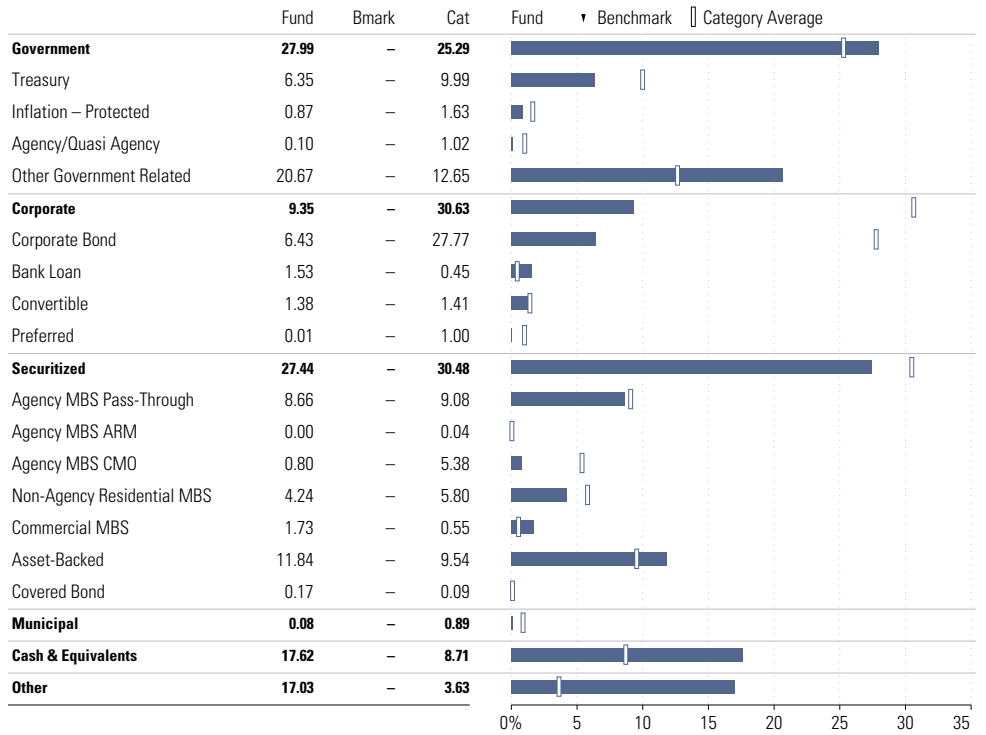


Asset Class	Net %	Cat%
US Stocks	0.28	1.17
Non-US Stocks	0.14	0.15
Bonds	136.83	92.13
Cash	-41.65	2.55
Other	4.38	4.00
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	56.00	67.64	20.16
AA	7.00	3.23	4.70
A	4.00	10.03	12.02
BBB	14.00	10.89	24.41
BB	6.00	3.19	18.10
B	7.00	3.64	11.89
Below B	6.00	1.38	3.98
Not Rated	0.00	0.00	4.74

Sector Weighting as of 03-31-2019



Top 10 Holdings as of 03-31-2019

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
✳ CashOffSet	-	21.79	21.79	-
⊕ Irs Jpy 0.45000 03/20/19-10y Lch	03-2029	16.25	38.04	-
⊖ Irs Usd 2.75000 12/19/18-5y Cme	12-2023	16.08	54.12	-
⊕ Irs Usd 2.75000 12/19/18-5y Cme	12-2023	15.96	70.08	-
⊕ Irs Jpy 0.45000 03/20/19-10y Lch	03-2029	15.84	85.92	-
⊕ Irs Usd 3.14000 07/19/18-5y* Cme	10-2023	9.42	95.34	-
Cirs Usd 4y Mat 3.85/2.00% M 7/2020 Dub	07-2022	9.23	104.58	-
Cirs Usd 4y Mat 3.82/2.00% M 7/2020 Gln	07-2022	9.23	113.80	-
Cirs Usd 4y Mat 3.82/2.00% M 6/2020 Myc	06-2022	9.22	123.02	-
⊕ Cirs Usd 4y Mat 3.85/2.00% M 7/2020 Dub	07-2022	9.19	132.22	-

Total Holdings 7182

⊕ Increase ⊖ Decrease ✳ New to Portfolio

PIMCO International Bond (USD-Hdg) I-2 PFBPX

Morningstar Category
World Bond-USD Hedged

Morningstar Index
BBgBarc US Agg Bond TR USD

Portfolio Manager(s)

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

Quantitative Screens

✔ **Performance:** The fund has finished in the World 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 4.51 years.

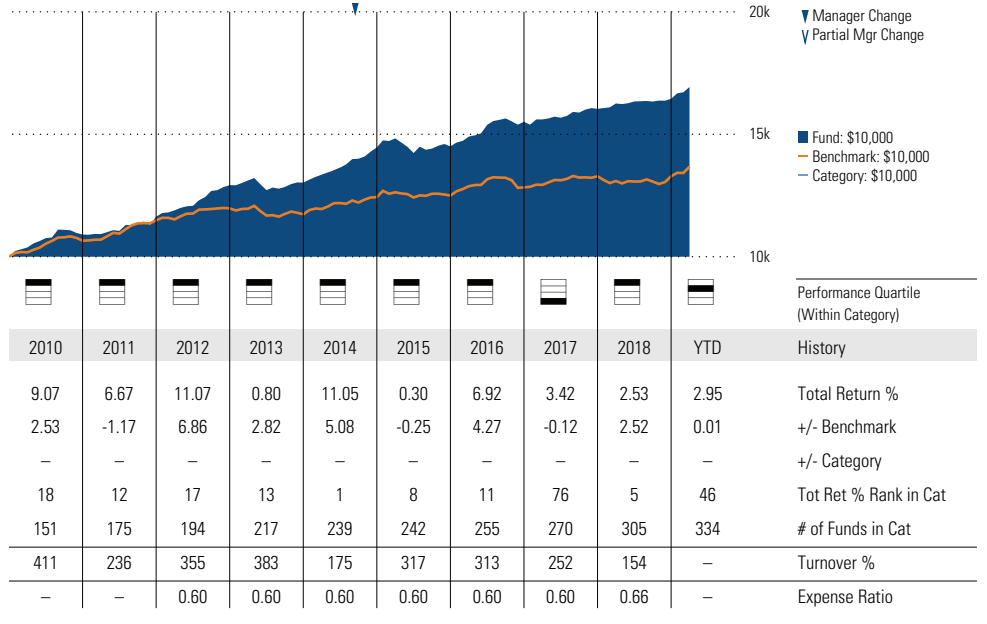
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.66 is 25.84% lower than the World Bond category average.

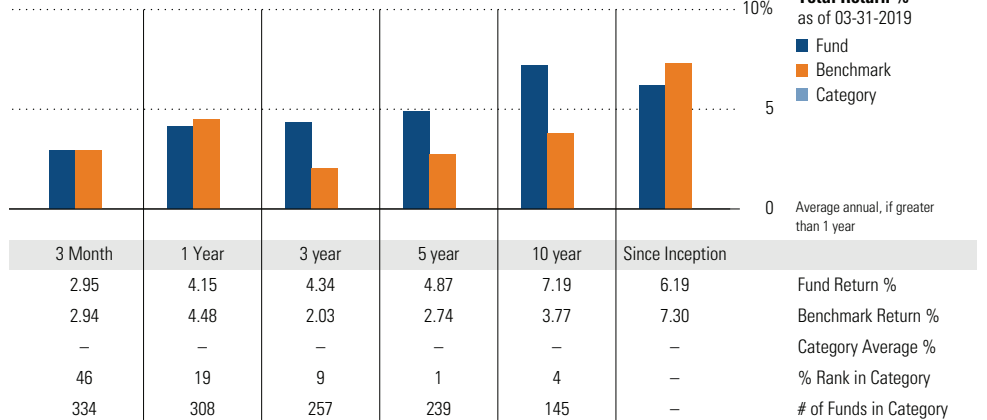
Morningstar Investment Management LLC Analysis

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

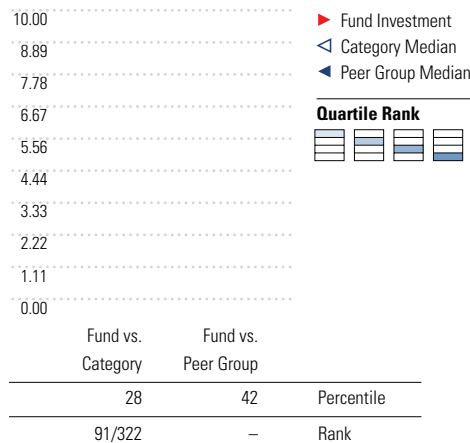
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	3.24	-	1.53
Beta	0.51	-	0.70
R-Squared	45.74	-	62.42
Standard Deviation	2.23	2.97	2.64
Sharpe Ratio	1.33	0.26	0.65
Tracking Error	2.20	-	1.95
Information Ratio	1.05	-	0.47
Up Capture Ratio	87.76	-	87.79
Down Capture Ratio	0.73	-	47.51

Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	6.21	4.43	-
Avg Eff Maturity	6.97	-	-

PIMCO International Bond (USD-Hdg) I-2 PFBPX

Morningstar Category
World Bond-USD Hedged

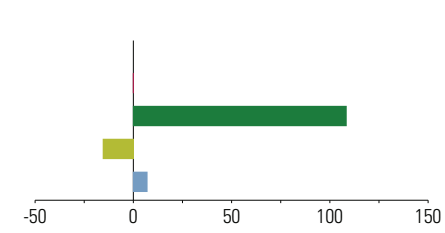
Morningstar Index
BBgBarc US Agg Bond TR USD

Style Analysis as of 03-31-2019

Style Breakdown



Asset Allocation as of 03-31-2019

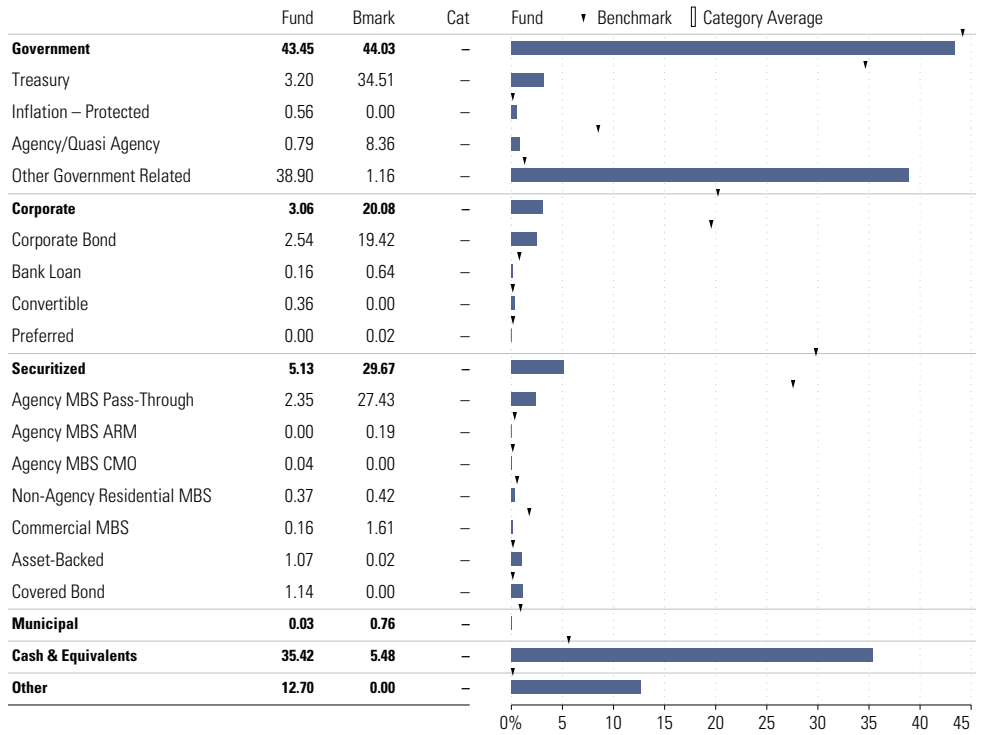


Asset Class	Net %	Cat%
US Stocks	0.00	—
Non-US Stocks	0.03	—
Bonds	108.33	—
Cash	-15.35	—
Other	6.98	—
Total	100.00	100.00

Credit Rating Breakdown

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

Sector Weighting as of 03-31-2019



Top 10 Holdings as of 03-31-2019

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
Irs Usd 3.20000 10/01/20-0y* Cme	04-2021	96.63	96.63	—
Irs Usd 3.20000 10/01/19-1y* (Red) Cme	04-2020	96.54	193.18	—
⊕ Irs Usd 3.20000 10/01/19-1y* (Red) Cme	04-2020	96.31	289.49	—
⊕ Irs Usd 3.20000 10/01/20-0y* Cme	04-2021	96.31	385.79	—
⊕ 90 Day Eurodollar Future Mar19	03-2019	74.85	460.64	—
⊖ 90 Day Eurodollar Future Mar20	03-2020	39.80	500.44	—
⊕ EUROPEAN MONETARY UNION EURO_Pay	01-2019	37.99	538.43	—
⊕ EUROPEAN MONETARY UNION EURO_Receive	01-2019	37.79	576.22	—
⊕ 90 Day Sterling Future Sept19	09-2019	30.25	606.47	—
⊕ 90 Day Sterling Future Sept20	09-2020	30.21	636.68	—

Total Holdings 1495

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard 500 Index Admiral VFIAX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

Portfolio Manager(s)

Donald Butler since 04-2016

Michelle Louie since 11-2017

Quantitative Screens

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

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

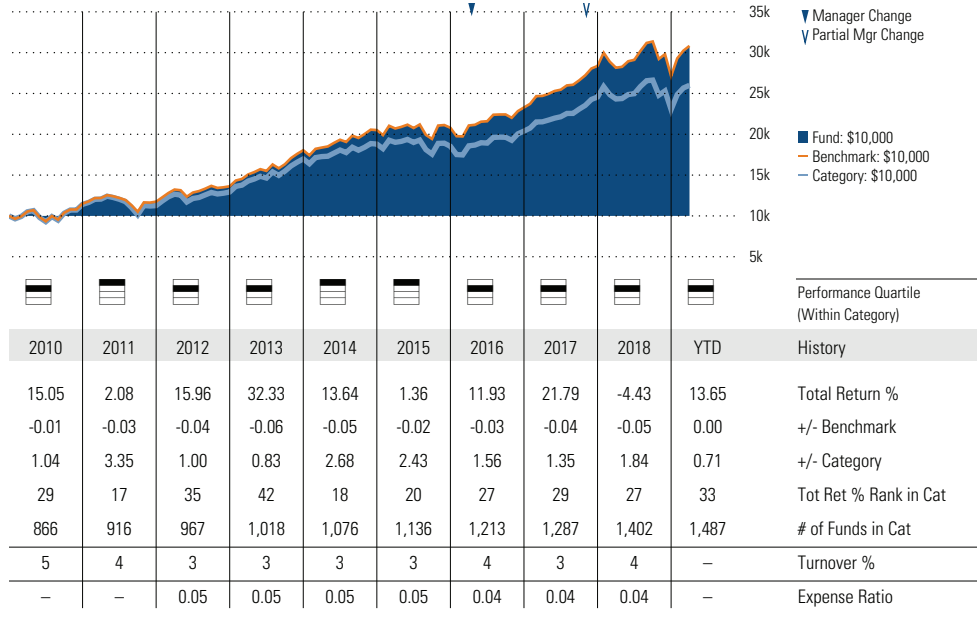
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

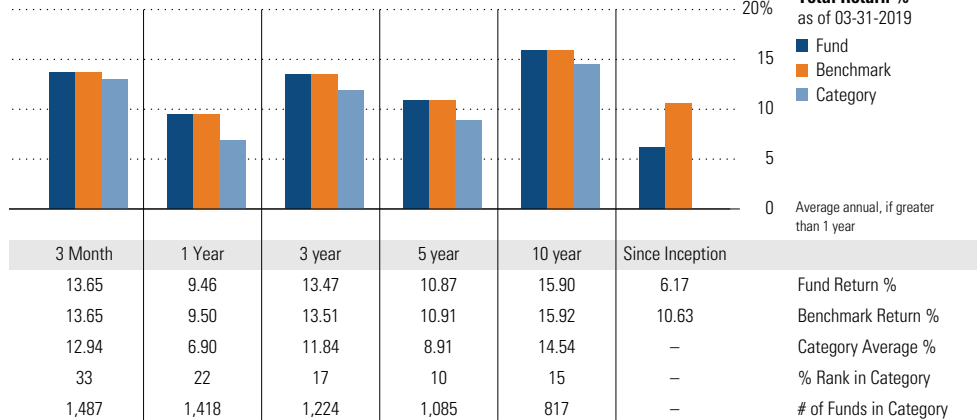
Morningstar Investment Management LLC Analysis

This fund fails our manager tenure screen; however, since it is an index fund, we are not overly concerned about the manager change.

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	-0.04	-	-1.27
Beta	1.00	-	0.97
R-Squared	100.00	-	91.55
Standard Deviation	10.73	10.73	10.83
Sharpe Ratio	1.11	1.12	0.96
Tracking Error	0.01	-	2.93
Information Ratio	-4.37	-	-1.32
Up Capture Ratio	99.86	-	90.88
Down Capture Ratio	100.08	-	97.96

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.64	18.71	17.87
Price/Book Ratio	2.69	2.74	2.65
Geom Avg Mkt Cap \$B	71.43	73.09	97.84
ROE	21.19	21.80	22.01

Vanguard 500 Index Admiral VFIAX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

Style Analysis as of 03-31-2019

Morningstar Style Box™



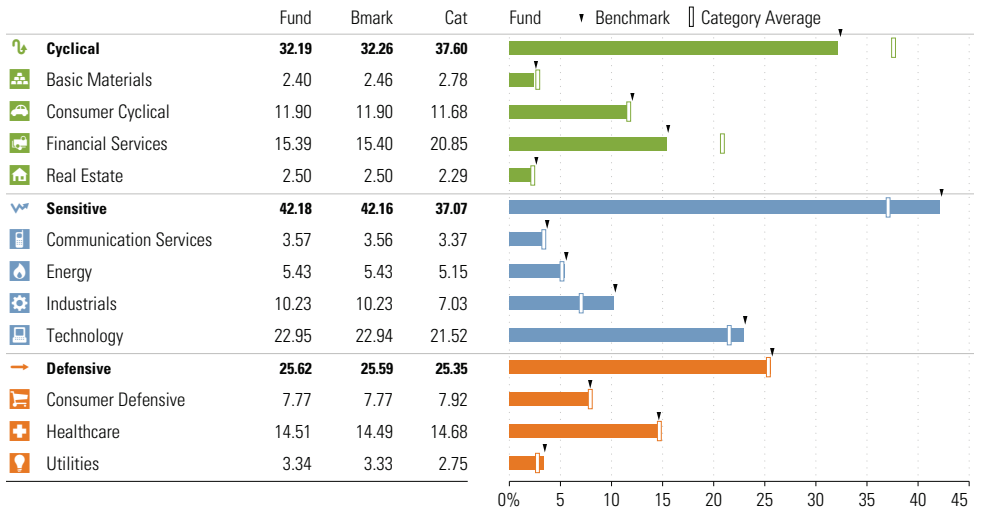
Style Breakdown



Asset Allocation as of 03-31-2019



Sector Weighting as of 03-31-2019



Top 15 Holdings as of 03-31-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Microsoft Corp	3.81	3.81	16.57	Technology
⊕ Apple Inc	3.59	7.40	20.88	Technology
⊕ Amazon.com Inc	3.10	10.49	18.56	Consumer Cyclical
⊕ Facebook Inc A	1.68	12.17	27.16	Technology
⊕ Berkshire Hathaway Inc B	1.59	13.76	-1.61	Financial Services
⊕ Johnson & Johnson	1.57	15.33	9.02	Healthcare
⊕ Alphabet Inc Class C	1.52	16.85	-	Technology
⊕ Alphabet Inc A	1.49	18.34	12.63	Technology
⊕ Exxon Mobil Corp	1.44	19.78	19.69	Energy
⊖ JPMorgan Chase & Co	1.40	21.17	4.52	Financial Services
⊕ Visa Inc Class A	1.15	22.33	18.57	Financial Services
⊕ Procter & Gamble Co	1.10	23.42	13.98	Consumer Defensive
⊖ Bank of America Corporation	1.04	24.47	12.58	Financial Services
⊕ Verizon Communications Inc	1.03	25.50	6.25	Communication Svc
⊕ Intel Corp	1.02	26.51	15.10	Technology

Total Holdings 516

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard International Growth Adm VWILX

Morningstar Category
Foreign Large Growth

Morningstar Index
MSCI EAFE NR USD

Portfolio Manager(s)

James Anderson since 02-2003
Simon Webber since 12-2009
Thomas Coutts since 12-2016

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 16.16 years.

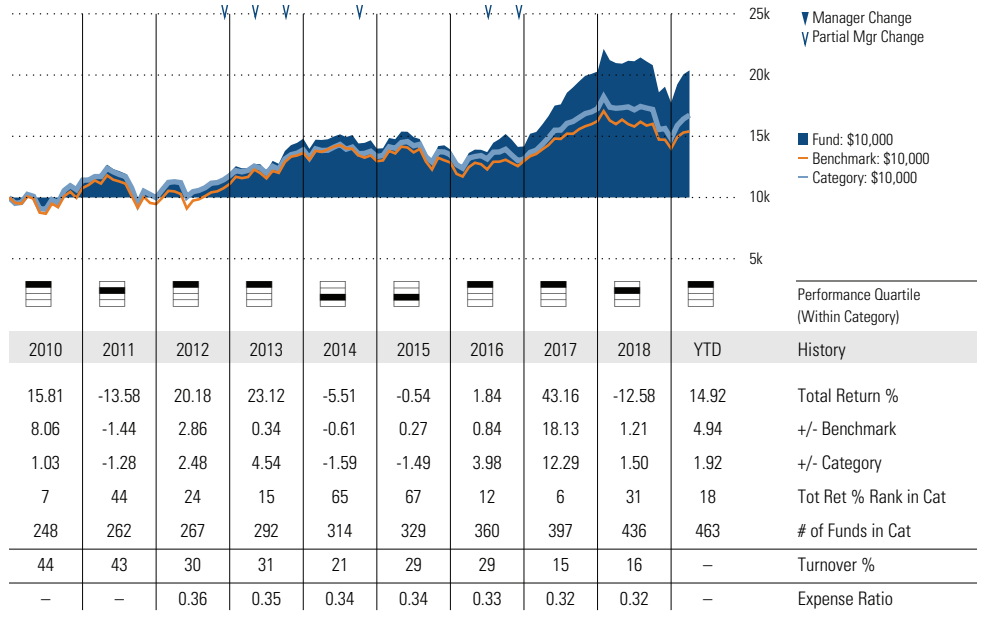
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.32 is 71.68% lower than the Foreign Large Growth category average.

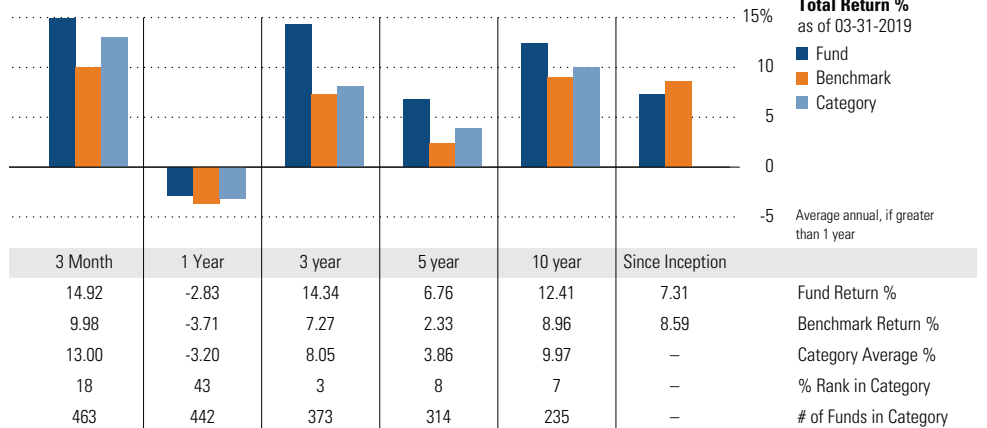
Morningstar Investment Management LLC Analysis

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

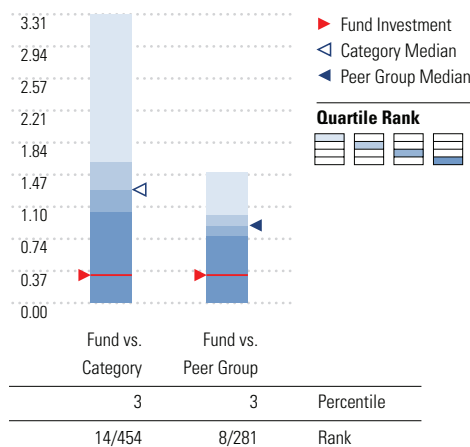
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	5.50	-	0.81
Beta	1.17	-	0.99
R-Squared	79.46	-	-
Standard Deviation	13.80	10.47	11.66
Sharpe Ratio	0.95	0.60	0.59
Tracking Error	6.51	-	5.26
Information Ratio	1.08	-	0.08
Up Capture Ratio	123.92	-	95.37
Down Capture Ratio	81.93	-	87.27

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.33	16.19	17.86
Price/Book Ratio	2.02	1.58	2.37
Geom Avg Mkt Cap \$B	31.23	35.93	31.37
ROE	17.93	15.50	19.30

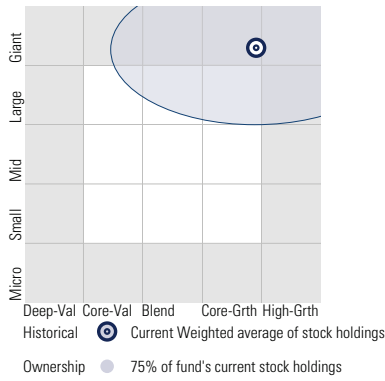
Vanguard International Growth Adm VWILX

Morningstar Category
Foreign Large Growth

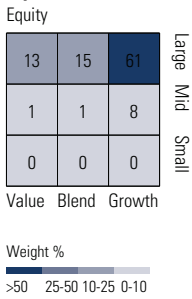
Morningstar Index
MSCI EAFE NR USD

Style Analysis as of 03-31-2019

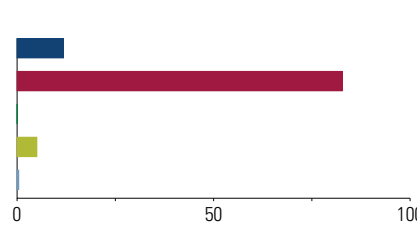
Morningstar Style Box™



Style Breakdown

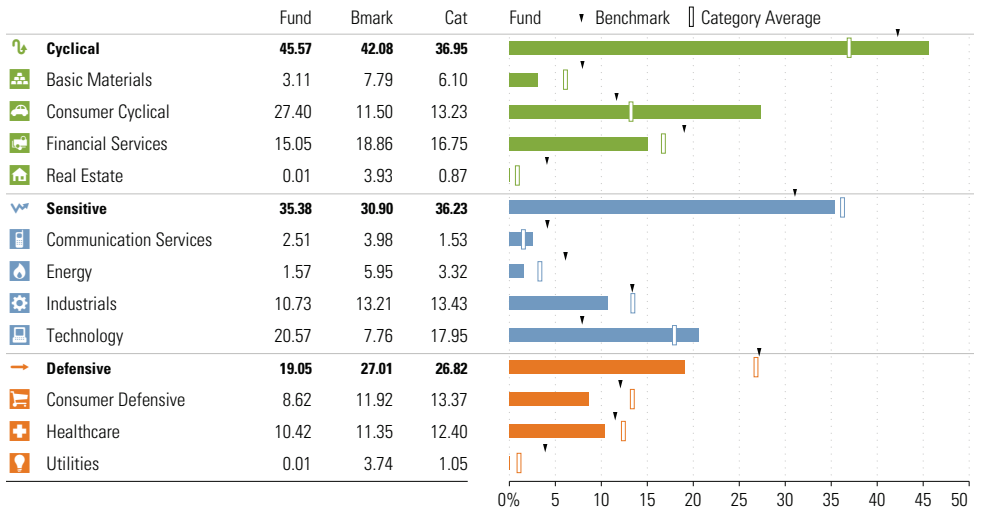


Asset Allocation as of 03-31-2019



Asset Class	Net %	Cat%
US Stocks	11.80	8.20
Non-US Stocks	82.72	88.19
Bonds	0.05	0.06
Cash	5.02	2.98
Other	0.41	0.58
Total	100.00	100.00

Sector Weighting as of 03-31-2019



World Regions % Equity 03-31-2019



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	44.87	32.42	Americas	15.18	14.69	Greater Europe	39.96	52.88	Developed Markets	75.78
Japan	10.87	13.72	North America	12.85	12.64	United Kingdom	9.87	13.24	Emerging Markets	24.22
Australasia	0.49	2.47	Central/Latin	2.33	2.05	W euro-ex UK	29.90	38.40	Not Available	0.00
Asia-4 Tigers	11.81	6.52				Emrgng Europe	0.19	0.35		
Asia-ex 4 Tigers	21.70	9.71				Africa	0.00	0.89		
Not Classified	0.00	0.00								

Top 10 Holdings as of 03-31-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Tencent Holdings Ltd	5.34	5.34	14.97	Technology
⊕ Cmt Market Liquidity Rate	4.97	10.30	-	-
⊕ Alibaba Group Holding Ltd ADR	4.55	14.85	-	Consumer Cyclical
⊕ ASML Holding NV	3.48	18.33	21.90	Technology
⊖ AIA Group Ltd	3.30	21.63	20.23	Financial Services
Amazon.com Inc	3.14	24.77	18.56	Consumer Cyclical
Illumina Inc	2.56	27.32	3.59	Healthcare
Baidu Inc ADR	2.29	29.62	3.94	Technology
⊕ Kering SA	2.00	31.62	25.05	Consumer Cyclical
Tesla Inc	1.97	33.58	-15.91	Consumer Cyclical

Total Holdings 131

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard International Value Inv VTRIX

Morningstar Category
Foreign Large Value

Morningstar Index
MSCI EAFE NR USD

Portfolio Manager(s)

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

Quantitative Screens

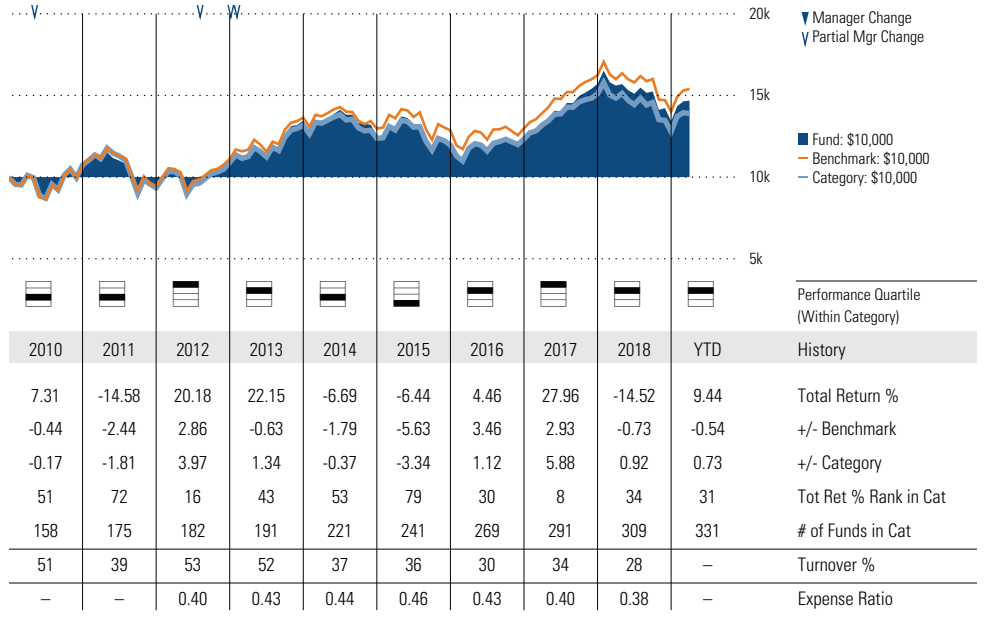
✔ **Performance:** The fund has finished in the Foreign Large Value category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 10.88 years.

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

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

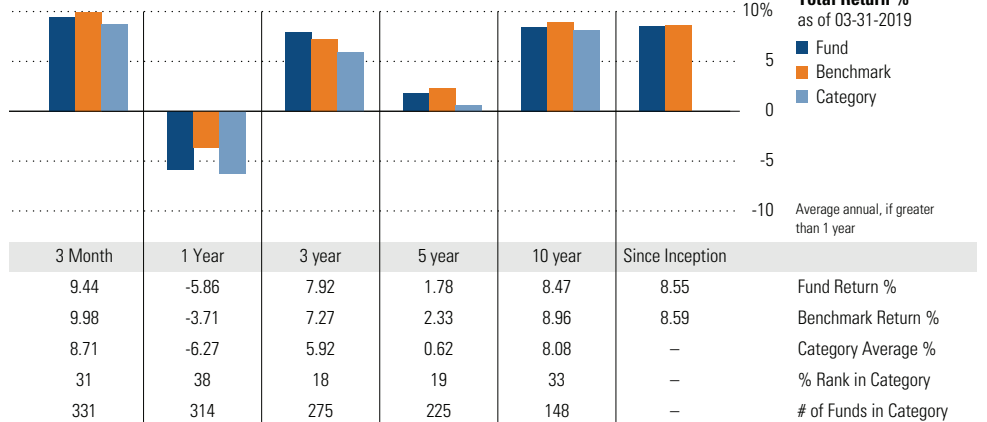
Growth of \$10,000



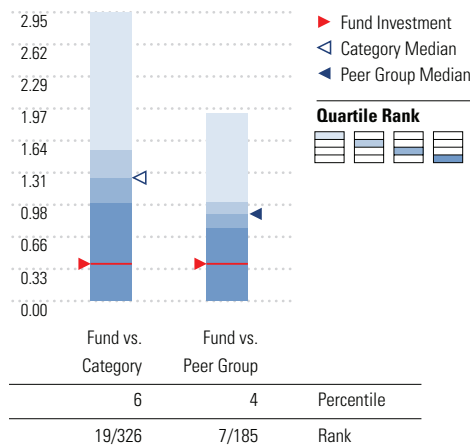
Morningstar Investment Management LLC Analysis

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

Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.12	-	-1.65
Beta	0.93	-	0.97
R-Squared	92.60	-	86.56
Standard Deviation	10.08	10.47	11.01
Sharpe Ratio	0.68	0.60	0.40
Tracking Error	2.85	-	3.98
Information Ratio	0.23	-	-0.56
Up Capture Ratio	95.79	-	90.62
Down Capture Ratio	88.07	-	101.87

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	14.58	16.19	14.35
Price/Book Ratio	1.35	1.58	1.42
Geom Avg Mkt Cap \$B	33.22	35.93	39.24
ROE	15.10	15.50	14.08

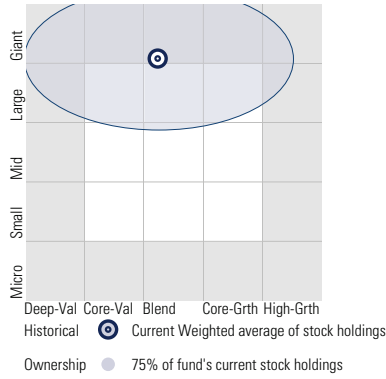
Vanguard International Value Inv VTRIX

Morningstar Category
Foreign Large Value

Morningstar Index
MSCI EAFE NR USD

Style Analysis as of 03-31-2019

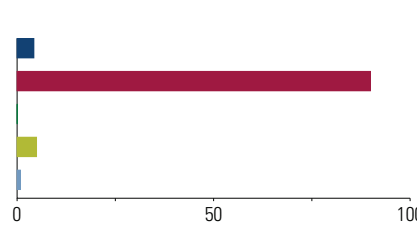
Morningstar Style Box™



Style Breakdown

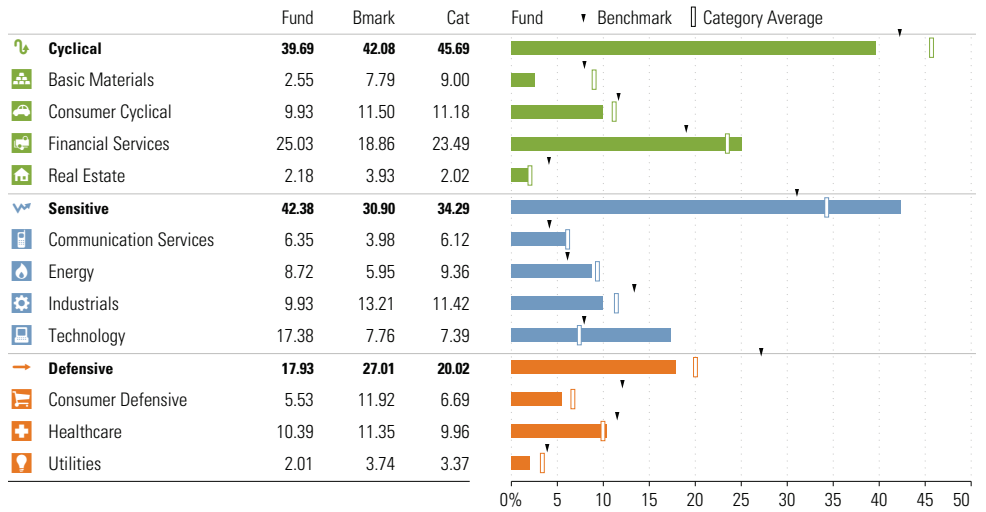


Asset Allocation as of 03-31-2019

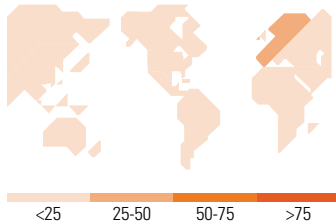


Asset Class	Net %	Cat%
US Stocks	4.26	3.01
Non-US Stocks	89.90	95.17
Bonds	0.06	0.41
Cash	4.94	1.36
Other	0.84	0.06
Total	100.00	100.00

Sector Weighting as of 03-31-2019



World Regions % Equity 03-31-2019



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %
Greater Asia	39.14	32.33	Americas	8.73	7.61	Greater Europe	52.13	60.06	Market Maturity	Fund %
Japan	17.71	17.16	North America	7.70	6.83	United Kingdom	15.75	20.58	Developed Markets	86.51
Australasia	1.55	3.51	Central/Latin	1.03	0.78	W euro-ex UK	34.63	38.23	Emerging Markets	13.49
Asia-4 Tigers	9.17	6.96				Emrgng Europe	0.87	0.60	Not Available	0.00
Asia-ex 4 Tigers	10.71	4.70				Africa	0.88	0.65		
Not Classified	0.00	0.00								

Top 10 Holdings as of 03-31-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Cmt Market Liquidity Rate	4.84	4.84	—	—
⊕ Novartis AG	2.56	7.40	17.43	Healthcare
⊕ Royal Dutch Shell PLC Class A	2.16	9.56	6.15	Energy
ICICI Bank Ltd ADR	2.06	11.62	11.37	Financial Services
Roche Holding AG Dividend Right Cert.	1.74	13.36	10.24	Healthcare
⊕ Total SA	1.61	14.97	8.62	Energy
DBS Group Holdings Ltd	1.52	16.49	—	Financial Services
⊖ Sanofi SA	1.45	17.94	4.07	Healthcare
Sumitomo Mitsui Financial Group Inc	1.42	19.36	8.67	Financial Services
⊕ Vodafone Group PLC	1.37	20.73	-8.57	Communication Svc

Total Holdings 151

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard LifeStrategy Cnsvr Gr Inv VSCGX

Morningstar Category
Allocation--30% to 50%
Equity

Morningstar Index
Morningstar Mod Con Tgt Risk TR USD

Portfolio Manager(s)

Management Team since 09-1994

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 24.52 years.

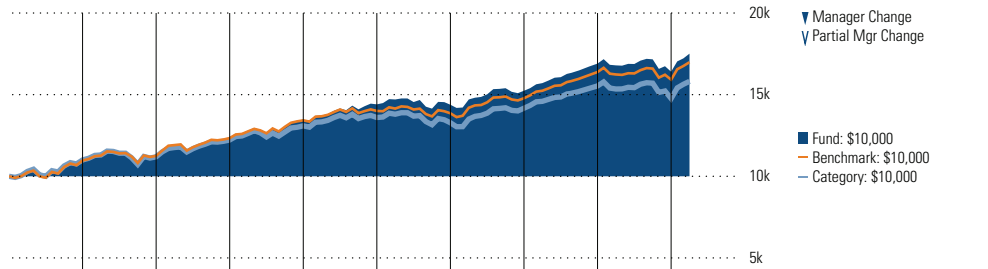
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.12 is 88.99% lower than the Allocation--30% to 50% Equity category average.

Morningstar Investment Management LLC Analysis

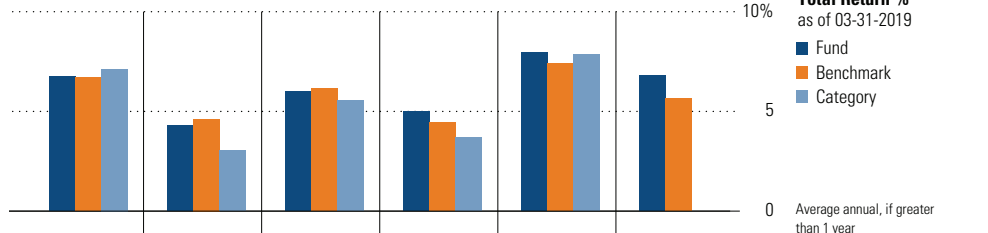
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

Growth of \$10,000



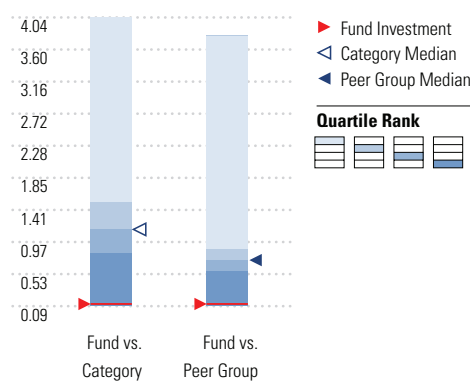
2010	2011	2012	2013	2014	2015	2016	2017	2018	YTD	Performance Quartile (Within Category)
11.14	1.76	9.19	9.08	6.95	-0.17	5.96	10.92	-2.95	6.75	History
1.49	-0.84	-0.47	0.25	2.65	0.86	-0.70	0.06	-0.09	0.03	Total Return %
1.11	0.06	-0.21	1.85	2.93	2.15	-0.66	1.06	2.09	-0.38	+/- Benchmark
32	48	57	33	9	12	54	30	14	63	+/- Category
273	300	327	361	380	425	477	514	552	566	Tot Ret % Rank in Cat
15	46	15	19	15	16	9	6	11	-	# of Funds in Cat
-	-	-	-	-	-	-	-	-	-	Turnover %
-	-	-	-	-	-	-	-	-	-	Expense Ratio

Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	
6.75	4.28	5.99	4.99	7.96	6.81	Fund Return %
6.72	4.62	6.16	4.43	7.40	5.66	Benchmark Return %
7.13	3.03	5.53	3.69	7.87	-	Category Average %
63	27	32	13	44	-	% Rank in Category
566	558	489	386	268	-	# of Funds in Category

Net Expense



1	1	Percentile
2/564	3/358	Rank

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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.16	-	-1.05
Beta	1.00	-	1.09
R-Squared	99.10	-	86.95
Standard Deviation	4.38	4.36	5.14
Sharpe Ratio	1.05	1.10	0.84
Tracking Error	0.42	-	1.96
Information Ratio	-0.41	-	-0.46
Up Capture Ratio	99.30	-	98.28
Down Capture Ratio	102.93	-	112.37

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.77	17.27	18.06
Price/Book Ratio	2.19	2.06	2.35
Avg Eff Duration	6.56	5.17	4.28

Vanguard LifeStrategy Cnsvr Gr Inv VSCGX

Morningstar Category
Allocation--30% to 50%

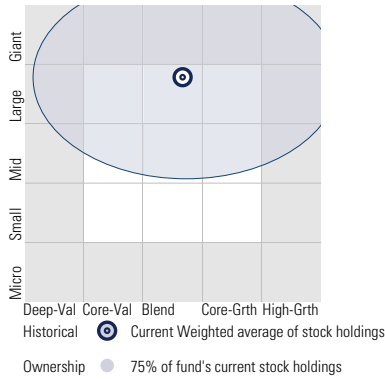
Morningstar Index

Morningstar Mod Con Tgt Risk TR USD

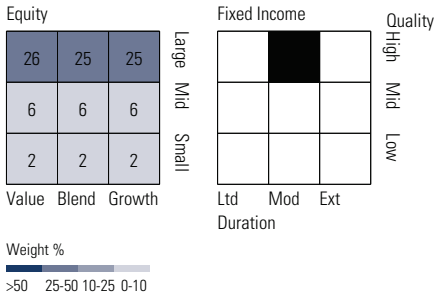
Equity

Style Analysis as of 03-31-2019

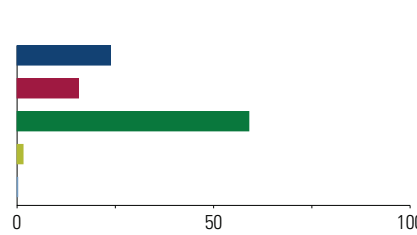
Morningstar Style Box™



Style Breakdown

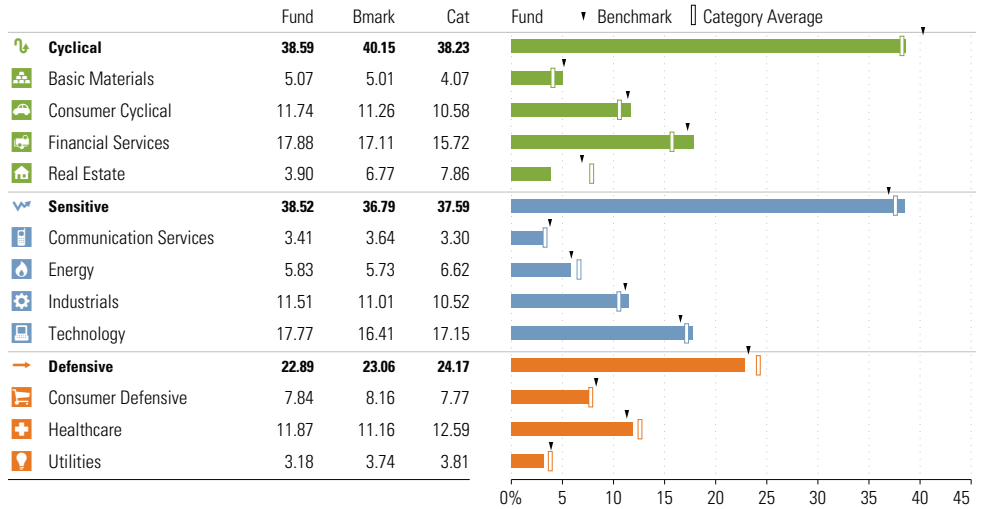


Asset Allocation as of 03-31-2019



Asset Class	Net %	Cat%
US Stocks	23.76	25.89
Non-US Stocks	15.62	9.25
Bonds	58.96	53.64
Cash	1.51	7.23
Other	0.16	4.00
Total	100.00	100.00

Sector Weighting as of 03-31-2019



Top 5 Holdings as of 03-31-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Bond Market II Idx Inv	—	42.09	42.09	—	—
⊖ Vanguard Total Stock Mkt Idx Inv	—	24.02	66.11	—	—
⊕ Vanguard Total Intl Bd Idx Investor	—	17.86	83.97	—	—
⊖ Vanguard Total Intl Stock Index Inv	—	16.01	99.98	—	—
⊖ Cmt Market Liquidity Rate	—	0.02	100.00	—	—

Total Holdings 5

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard LifeStrategy Growth Inv VASGX

Morningstar Category
Allocation--70% to 85%
Equity

Morningstar Index
Morningstar Mod Agg Tgt Risk TR USD

Portfolio Manager(s)

Management Team since 09-1994

Quantitative Screens

✔ **Performance:** The fund has finished in the Allocation--70% to 85% Equity category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 24.52 years.

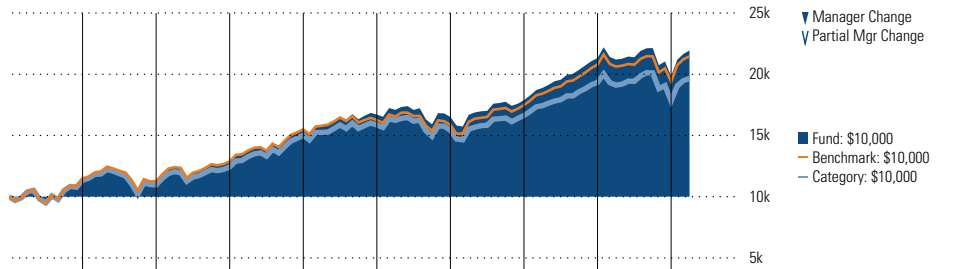
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.14 is 88.03% lower than the Allocation--70% to 85% Equity category average.

Morningstar Investment Management LLC Analysis

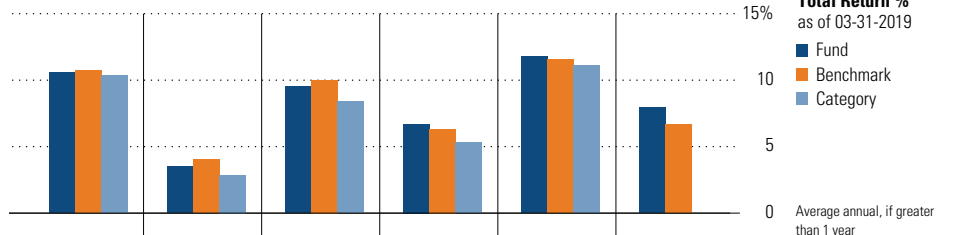
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Growth of \$10,000



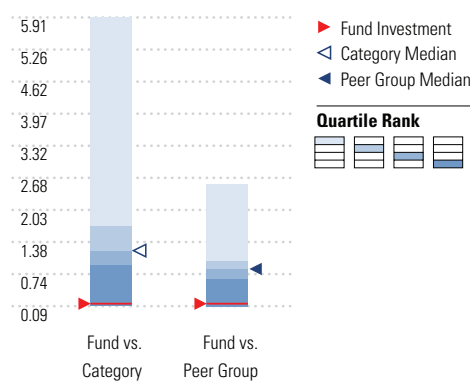
	2010	2011	2012	2013	2014	2015	2016	2017	2018	YTD	Performance Quartile (Within Category)
	15.06	-2.28	14.38	21.20	7.18	-1.17	8.33	19.21	-6.90	10.55	History
	0.14	-0.35	0.05	1.02	2.21	1.23	-1.88	0.32	-0.16	-0.16	Total Return %
	1.57	1.52	0.96	-0.11	1.47	1.60	0.40	3.41	1.03	0.22	+/- Benchmark
	22	34	37	53	20	30	34	20	34	53	+/- Category
	206	213	235	263	277	295	319	328	355	363	Tot Ret % Rank in Cat
	11	22	10	9	10	13	5	6	10	-	# of Funds in Cat
	-	-	-	-	-	-	-	-	-	-	Turnover %
	-	-	-	-	-	-	-	-	-	-	Expense Ratio

Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Total Return % as of 03-31-2019
	10.55	3.50	9.53	6.71	11.76	7.96	Fund
	10.71	4.06	10.02	6.33	11.55	6.65	Benchmark
	10.33	2.86	8.38	5.32	11.09	-	Category
	53	32	24	17	26	-	Average annual, if greater than 1 year
	363	358	324	283	195	-	Fund Return %
							Benchmark Return %
							Category Average %
							% Rank in Category
							# of Funds in Category

Net Expense



	Fund vs. Category	Fund vs. Peer Group	Percentile
	1	1	Rank
	2/362	2/241	Rank

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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.50	-	-1.83
Beta	1.01	-	1.03
R-Squared	99.44	-	91.80
Standard Deviation	8.15	8.08	8.77
Sharpe Ratio	1.00	1.06	0.83
Tracking Error	0.61	-	2.51
Information Ratio	-0.80	-	-0.76
Up Capture Ratio	98.43	-	93.55
Down Capture Ratio	103.17	-	108.73

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.58	17.22	17.92
Price/Book Ratio	2.16	2.03	2.23
Avg Eff Duration	6.56	5.22	4.74

Vanguard LifeStrategy Growth Inv VASGX

Morningstar Category
Allocation--70% to 85%

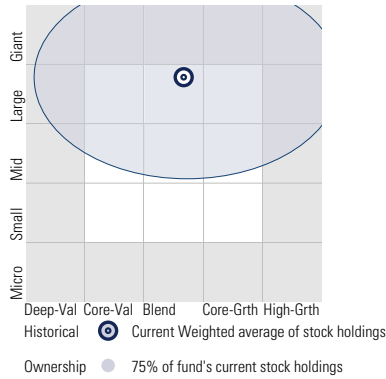
Morningstar Index

Morningstar Mod Agg Tgt Risk TR USD

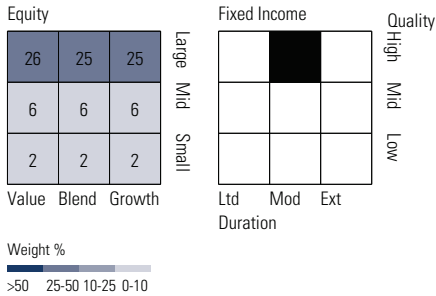
Equity

Style Analysis as of 03-31-2019

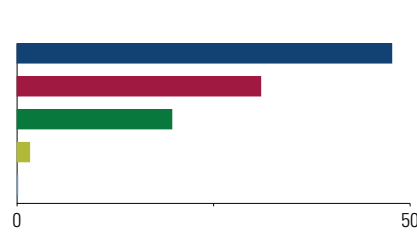
Morningstar Style Box™



Style Breakdown

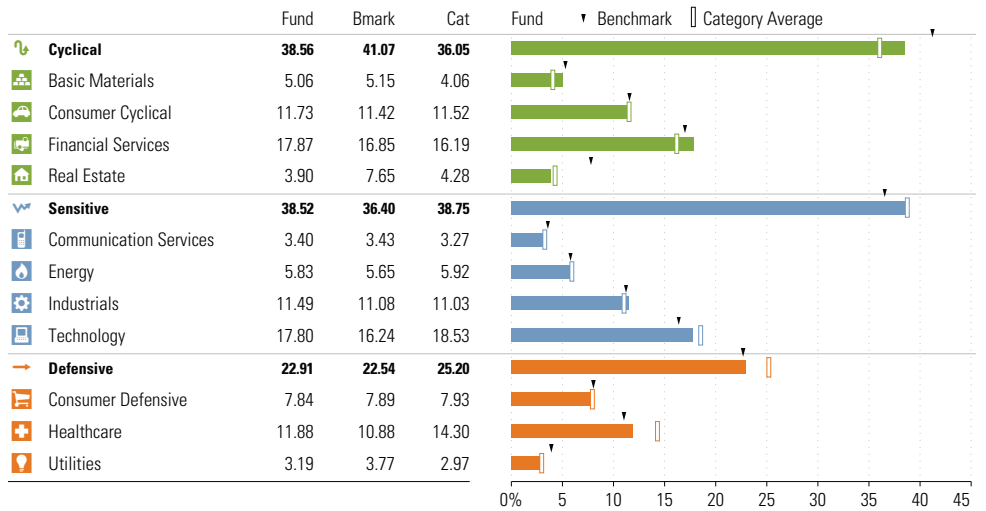


Asset Allocation as of 03-31-2019



Asset Class	Net %	Cat%
US Stocks	47.66	55.69
Non-US Stocks	30.99	19.24
Bonds	19.68	19.05
Cash	1.59	3.16
Other	0.08	2.87
Total	100.00	100.00

Sector Weighting as of 03-31-2019



Top 5 Holdings as of 03-31-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	—	48.17	48.17	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	31.75	79.92	—	—
⊖ Vanguard Total Bond Market II Idx Inv	—	14.09	94.01	—	—
⊕ Vanguard Total Intl Bd Idx Investor	—	5.93	99.94	—	—
⊕ Cmt Market Liquidity Rate	—	0.06	100.00	—	—

Total Holdings 5

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard LifeStrategy Income Inv VASIX

Morningstar Category
Allocation--15% to 30%
Equity

Morningstar Index
Morningstar Mod Tgt Risk TR USD

Portfolio Manager(s)

Management Team since 09-1994

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 24.52 years.

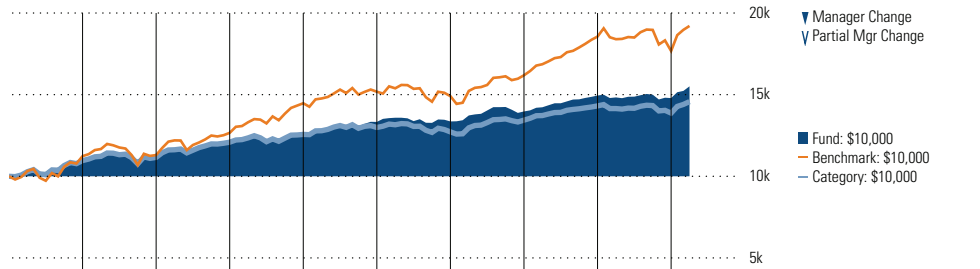
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.11 is 89.11% lower than the Allocation--15% to 30% Equity category average.

Morningstar Investment Management LLC Analysis

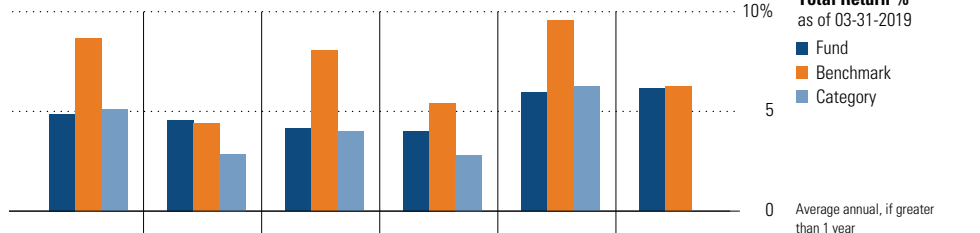
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Growth of \$10,000



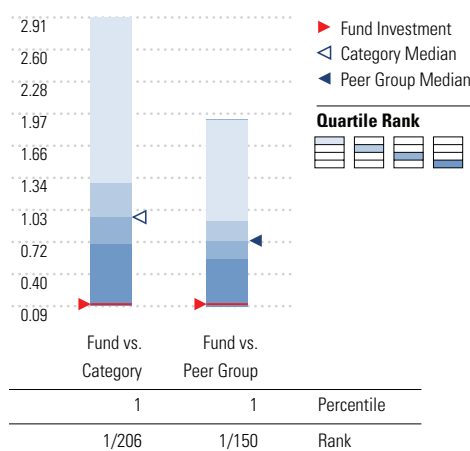
	2010	2011	2012	2013	2014	2015	2016	2017	2018	YTD	Performance Quartile (Within Category)
	9.22	3.77	6.54	3.40	6.76	0.22	4.58	6.98	-1.05	4.87	History
	-3.11	3.18	-5.50	-10.91	1.87	2.01	-3.99	-7.68	3.71	-3.81	Total Return %
	-0.51	1.76	-1.81	-0.62	3.22	2.29	-0.97	0.73	2.09	-0.21	+/- Benchmark
	54	15	78	68	4	8	65	49	11	57	+/- Category
	91	101	127	146	152	168	183	196	205	211	Tot Ret % Rank in Cat
	9	43	8	25	12	14	4	4	9	-	# of Funds in Cat
	-	-	-	-	-	-	-	-	-	-	Turnover %
	-	-	-	-	-	-	-	-	-	-	Expense Ratio

Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Total Return % as of 03-31-2019
	4.87	4.57	4.16	4.02	5.93	6.15	Fund
	8.68	4.42	8.05	5.40	9.55	6.27	Benchmark
	5.08	2.87	4.01	2.81	6.24	-	Category
	57	9	51	14	47	-	Average annual, if greater than 1 year
	211	205	186	153	87	-	Fund Return %
							Benchmark Return %
							Category Average %
							% Rank in Category
							# of Funds in Category

Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.05	-	0.30
Beta	0.39	-	0.51
R-Squared	62.02	-	77.64
Standard Deviation	3.00	6.11	3.60
Sharpe Ratio	0.95	1.08	0.84
Tracking Error	4.18	-	3.57
Information Ratio	-0.93	-	-1.05
Up Capture Ratio	45.49	-	52.07
Down Capture Ratio	34.10	-	47.62

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.76	17.25	-
Price/Book Ratio	2.19	2.05	-
Avg Eff Duration	6.56	5.24	3.89

Vanguard LifeStrategy Income Inv VASIX

Morningstar Category
Allocation--15% to 30%

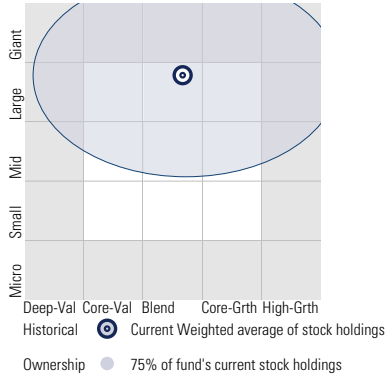
Morningstar Index

Morningstar Mod Tgt Risk TR USD

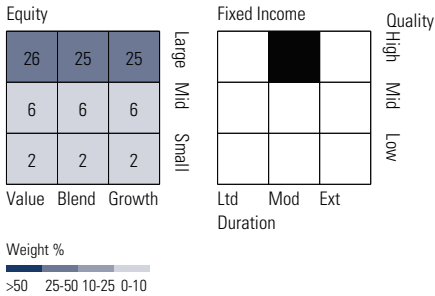
Equity

Style Analysis as of 03-31-2019

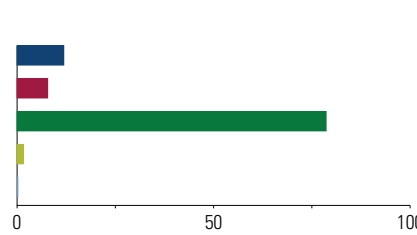
Morningstar Style Box™



Style Breakdown

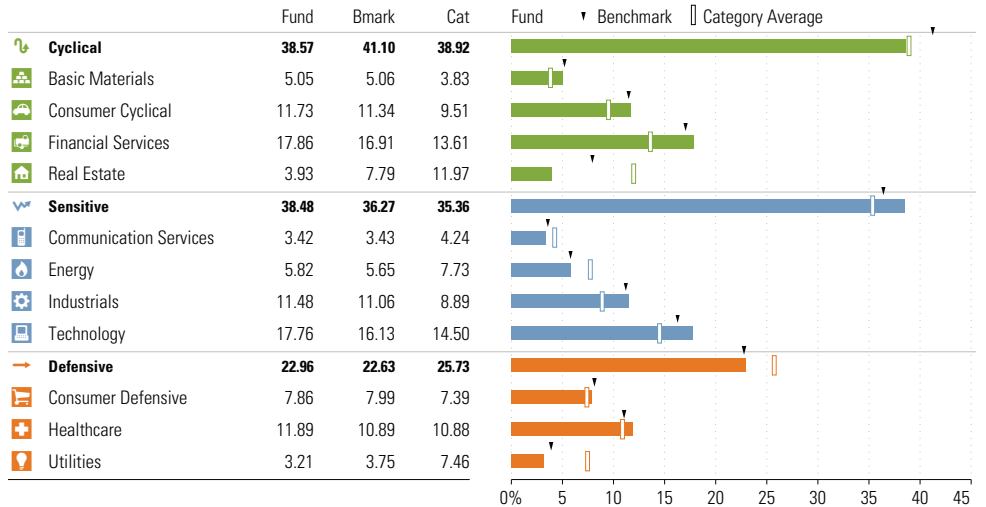


Asset Allocation as of 03-31-2019



Asset Class	Net %	Cat%
US Stocks	11.87	11.41
Non-US Stocks	7.77	3.53
Bonds	78.62	69.51
Cash	1.55	11.06
Other	0.19	4.48
Total	100.00	100.00

Sector Weighting as of 03-31-2019



Top 5 Holdings as of 03-31-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Bond Market II Idx Inv	—	56.09	56.09	—	—
⊕ Vanguard Total Intl Bd Idx Investor	—	23.86	79.95	—	—
⊖ Vanguard Total Stock Mkt Idx Inv	—	12.00	91.95	—	—
⊖ Vanguard Total Intl Stock Index Inv	—	7.96	99.92	—	—
⊖ Cmt Market Liquidity Rate	—	0.08	100.00	—	—

Total Holdings 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard LifeStrategy Moderate Gr Inv VSMGX

Morningstar Category
Allocation--50% to 70%
Equity

Morningstar Index
Morningstar Mod Tgt Risk TR USD

Portfolio Manager(s)

Management Team since 09-1994

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 24.52 years.

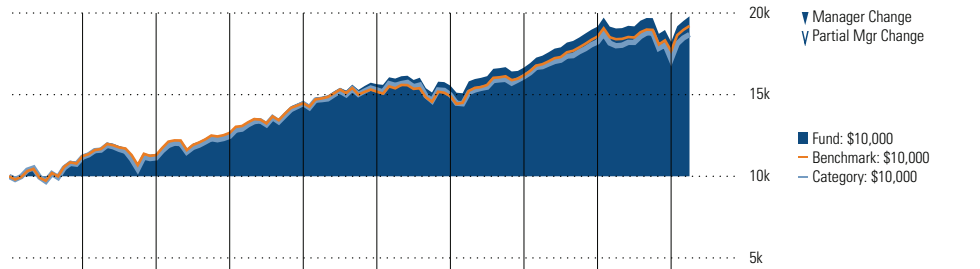
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.13 is 88.07% lower than the Allocation--50% to 70% Equity category average.

Morningstar Investment Management LLC Analysis

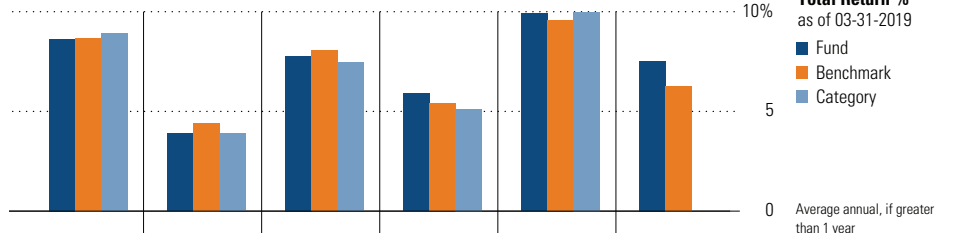
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Growth of \$10,000



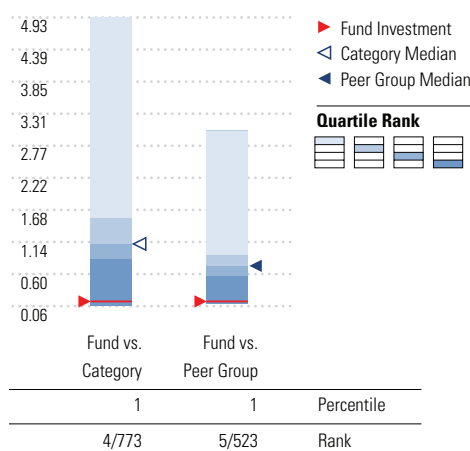
	2010	2011	2012	2013	2014	2015	2016	2017	2018	YTD	Performance Quartile (Within Category)
	13.31	0.26	11.76	15.04	7.07	-0.57	7.13	15.04	-4.91	8.63	History
	0.98	-0.33	-0.28	0.73	2.18	1.22	-1.44	0.38	-0.15	-0.05	Total Return %
	1.48	0.37	0.04	-1.44	0.86	1.36	-0.21	1.83	0.85	-0.26	+/- Benchmark
	24	45	56	68	38	32	42	26	39	62	+/- Category
	462	483	513	586	602	626	685	706	756	771	Tot Ret % Rank in Cat
	17	32	15	15	12	16	9	6	12	-	# of Funds in Cat
	-	-	-	-	-	-	-	-	-	-	Turnover %
	-	-	-	-	-	-	-	-	-	-	Expense Ratio

Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Total Return % as of 03-31-2019
	8.63	3.91	7.78	5.89	9.90	7.53	Fund Return %
	8.68	4.42	8.05	5.40	9.55	6.27	Benchmark Return %
	8.89	3.90	7.44	5.12	9.98	-	Category Average %
	62	42	38	32	51	-	% Rank in Category
	772	760	692	603	440	-	# of Funds in Category

Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.33	-	-1.16
Beta	1.01	-	1.07
R-Squared	99.36	-	89.99
Standard Deviation	6.20	6.11	6.95
Sharpe Ratio	1.03	1.08	0.88
Tracking Error	0.50	-	2.27
Information Ratio	-0.54	-	-0.39
Up Capture Ratio	99.29	-	100.12
Down Capture Ratio	103.53	-	113.93

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.76	17.25	17.99
Price/Book Ratio	2.19	2.05	2.31
Avg Eff Duration	6.56	5.24	4.79

Vanguard LifeStrategy Moderate Gr Inv VSMGX

Morningstar Category
Allocation--50% to 70%

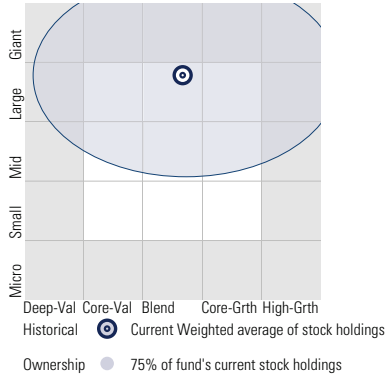
Morningstar Index

Morningstar Mod Tgt Risk TR USD

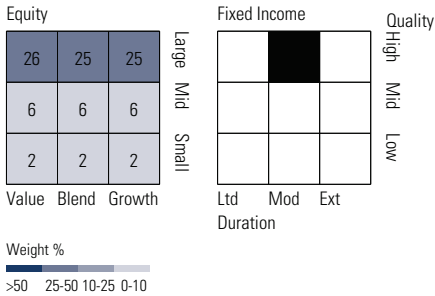
Equity

Style Analysis as of 03-31-2019

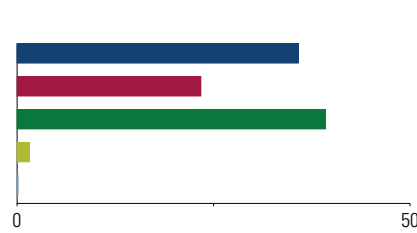
Morningstar Style Box™



Style Breakdown

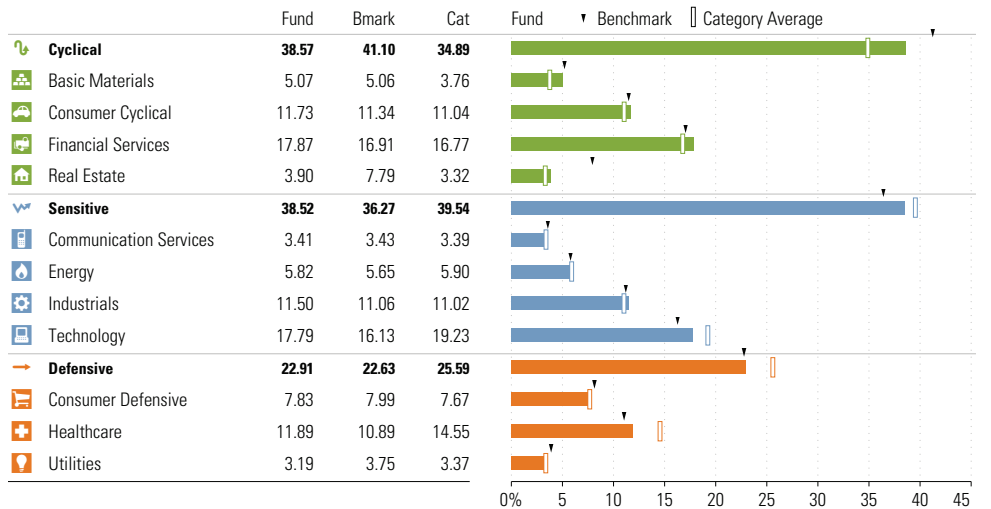


Asset Allocation as of 03-31-2019



Asset Class	Net %	Cat%
US Stocks	35.76	45.32
Non-US Stocks	23.37	12.46
Bonds	39.22	34.72
Cash	1.54	4.64
Other	0.12	2.86
Total	100.00	100.00

Sector Weighting as of 03-31-2019



Top 5 Holdings as of 03-31-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	—	36.15	36.15	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	28.01	64.16	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	23.94	88.10	—	—
⊕ Vanguard Total Intl Bd Idx Investor	—	11.86	99.97	—	—
⊖ Cmt Market Liquidity Rate	—	0.03	100.00	—	—

Total Holdings 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Mid-Cap Growth Index Admiral VMGMX

Morningstar Category
Mid-Cap Growth

Morningstar Index
Russell Mid Cap Growth TR USD

Portfolio Manager(s)

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

Quantitative Screens

✔ **Performance:** The fund has finished in the Mid-Cap Growth category's top three quartiles in 7 of the 7 years it's been in existence.

✔ **Management:** The fund's management has been in place for 6.1 years.

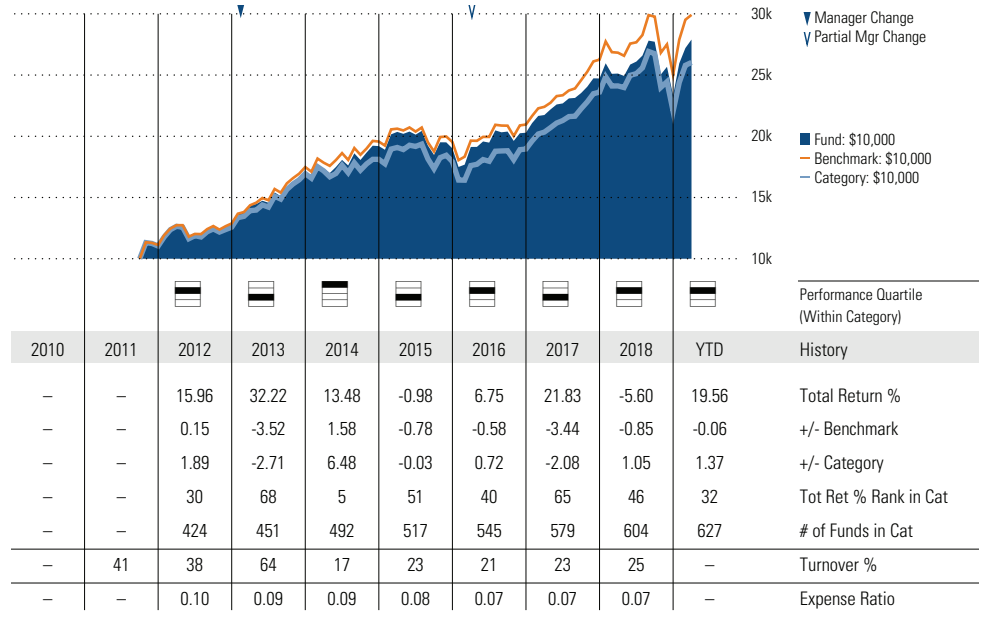
✔ **Style:** The fund has landed in its primary style box — Mid-Cap Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.07 is 94.02% lower than the Mid-Cap Growth category average.

Morningstar Investment Management LLC Analysis

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

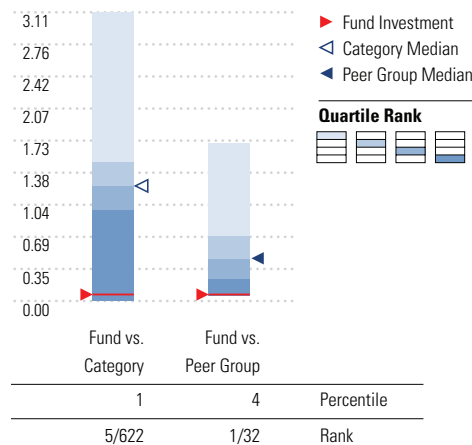
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.80	-	-0.08
Beta	0.95	-	1.00
R-Squared	98.07	-	90.20
Standard Deviation	12.77	13.29	14.00
Sharpe Ratio	0.95	1.03	0.97
Tracking Error	1.89	-	4.36
Information Ratio	-0.87	-	-0.22
Up Capture Ratio	93.29	-	98.22
Down Capture Ratio	98.67	-	98.37

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	26.62	24.43	24.72
Price/Book Ratio	4.00	4.75	4.01
Geom Avg Mkt Cap \$B	11.59	11.70	9.33
ROE	18.67	21.26	18.42

Vanguard Mid-Cap Growth Index Admiral VMGMX

Morningstar Category

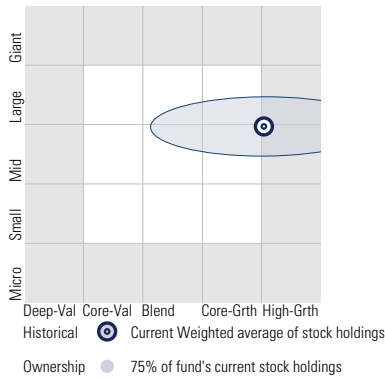
Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

Style Analysis as of 03-31-2019

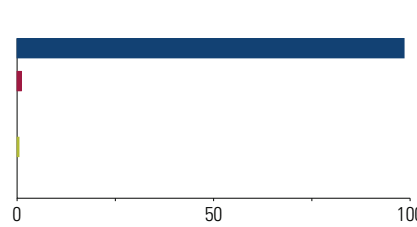
Morningstar Style Box™



Style Breakdown

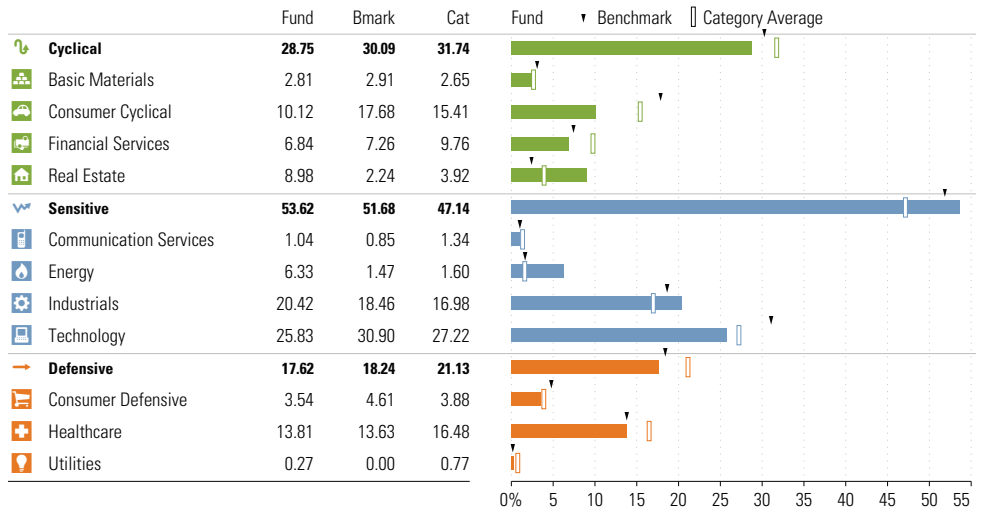


Asset Allocation as of 03-31-2019



Asset Class	Net %	Cat%
US Stocks	98.46	92.58
Non-US Stocks	1.07	3.84
Bonds	0.00	0.02
Cash	0.47	3.26
Other	0.00	0.30
Total	100.00	100.00

Sector Weighting as of 03-31-2019



Top 15 Holdings as of 03-31-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Roper Technologies Inc	1.63	1.63	28.48	Industrials
⊕ Fiserv Inc	1.62	3.24	20.13	Industrials
⊕ Worldpay Inc Class A	1.57	4.82	48.50	Industrials
⊕ Xilinx Inc	1.47	6.29	49.29	Technology
⊖ Red Hat Inc	1.41	7.70	4.02	Technology
⊕ Moody's Corporation	1.36	9.06	29.67	Financial Services
⊕ ONEOK Inc	1.32	10.38	31.05	Energy
⊕ Amphenol Corp Class A	1.29	11.67	16.85	Technology
⊕ Digital Realty Trust Inc	1.13	12.80	12.70	Real Estate
⊕ IQVIA Holdings Inc	1.11	13.91	23.83	Healthcare
⊕ Twitter Inc	1.10	15.01	—	Technology
⊖ Dollar Tree Inc	1.09	16.10	16.30	Consumer Defensive
⊕ Waste Connections Inc	1.07	17.17	19.53	Industrials
⊖ Advanced Micro Devices Inc	1.06	18.23	38.24	Technology
⊕ SBA Communications Corp	1.04	19.27	23.33	Communication Svc

Total Holdings 173

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Real Estate Index Admiral VGSLX

Morningstar Category
Real Estate

Morningstar Index
S&P United States REIT TR USD

Portfolio Manager(s)

Gerard O'Reilly since 05-1996

Walter Nejman since 05-2016

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 22.9 years.

✔ **Style:** The fund has landed in its primary style box — Mid-Cap Blend — 88.57 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.11 is 90.43% lower than the Real Estate category average.

Morningstar Investment Management LLC Analysis

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

Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.03	-	0.30
Beta	0.98	-	0.90
R-Squared	99.39	-	94.22
Standard Deviation	13.82	14.01	13.05
Sharpe Ratio	0.38	0.38	0.40
Tracking Error	1.11	-	3.11
Information Ratio	-0.11	-	-0.25
Up Capture Ratio	97.64	-	89.13
Down Capture Ratio	97.61	-	87.03

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	40.39	38.46	36.08
Price/Book Ratio	2.39	2.42	2.60
Geom Avg Mkt Cap \$B	9.32	9.35	11.72
ROE	8.61	9.56	11.65

Vanguard Real Estate Index Admiral VGSLX

Morningstar Category
Real Estate

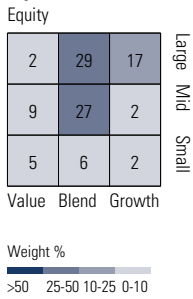
Morningstar Index
S&P United States REIT TR USD

Style Analysis as of 03-31-2019

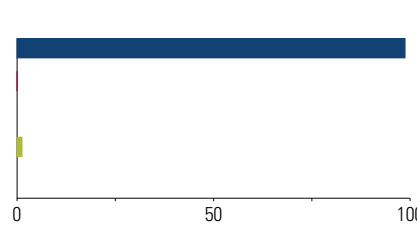
Morningstar Style Box™



Style Breakdown

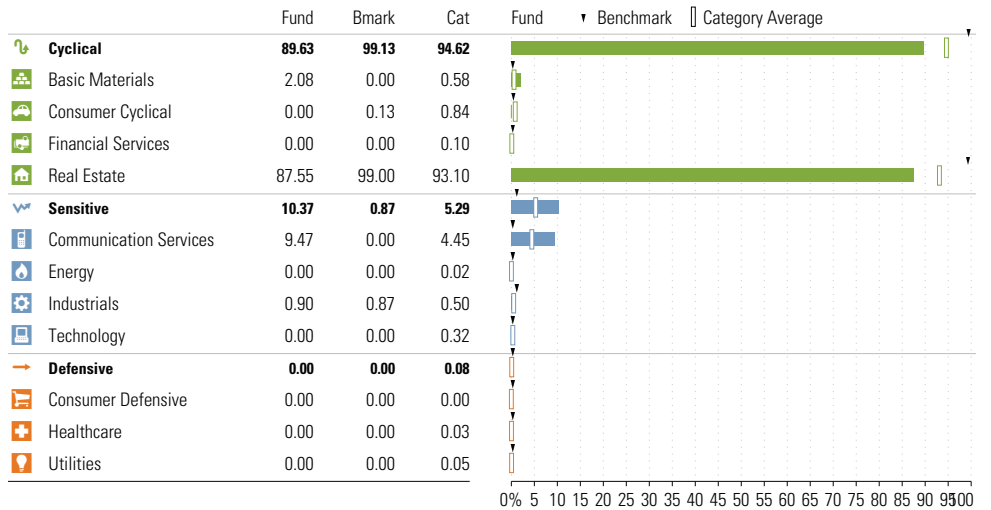


Asset Allocation as of 03-31-2019



Asset Class	Net %	Cat%
US Stocks	98.71	87.30
Non-US Stocks	0.04	0.78
Bonds	0.00	3.52
Cash	1.25	3.86
Other	0.00	4.56
Total	100.00	100.00

Sector Weighting as of 03-31-2019



Top 15 Holdings as of 03-31-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Real Estate II Index	11.00	11.00	-	-
⊕ American Tower Corp	6.65	17.65	24.57	Communication Svc
⊕ Simon Property Group Inc	4.32	21.97	9.69	Real Estate
⊕ Crown Castle International Corp	4.07	26.04	18.87	Real Estate
⊕ Prologis Inc	3.47	29.51	23.43	Real Estate
⊕ Equinix Inc	2.79	32.30	29.23	Real Estate
⊕ Public Storage	2.62	34.91	8.58	Real Estate
⊕ Welltower Inc	2.23	37.15	13.05	Real Estate
⊕ Equity Residential	2.12	39.27	14.96	Real Estate
⊕ AvalonBay Communities Inc	2.12	41.40	16.20	Real Estate
⊕ Digital Realty Trust Inc	1.88	43.28	12.70	Real Estate
⊕ Ventas Inc	1.74	45.02	10.26	Real Estate
⊕ SBA Communications Corp	1.73	46.75	23.33	Communication Svc
⊕ Realty Income Corp	1.66	48.41	17.76	Real Estate
⊕ Boston Properties Inc	1.59	50.00	19.80	Real Estate

Total Holdings 190

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Small Cap Value Index Inv VISVX

Morningstar Category
Small Value

Morningstar Index
Russell 2000 Value TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

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

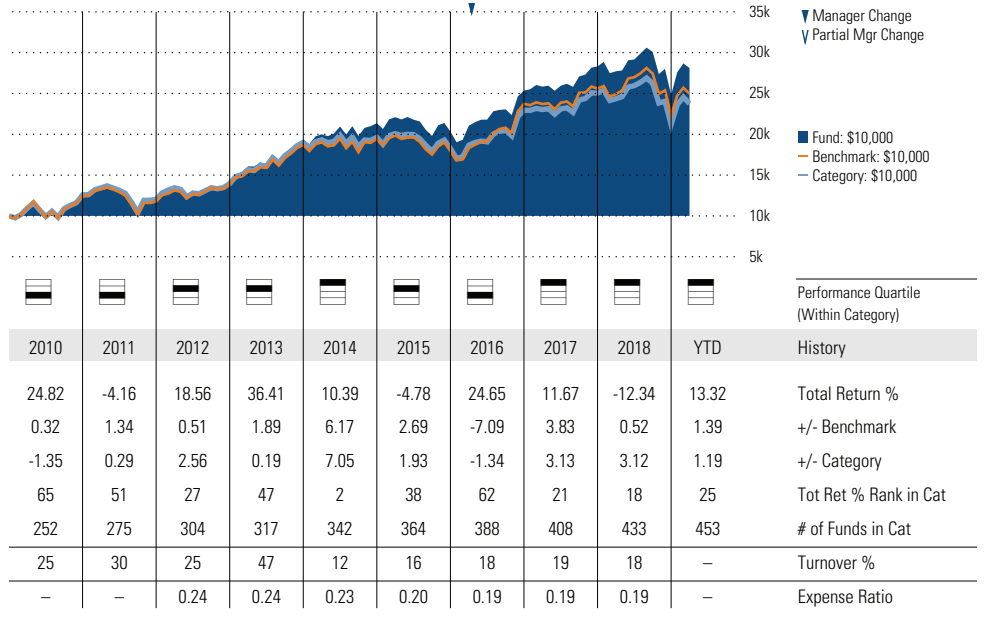
✘ **Style:** The fund has landed in its primary style box — Small Value — 62.86 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.19 is 84.03% lower than the Small Value category average.

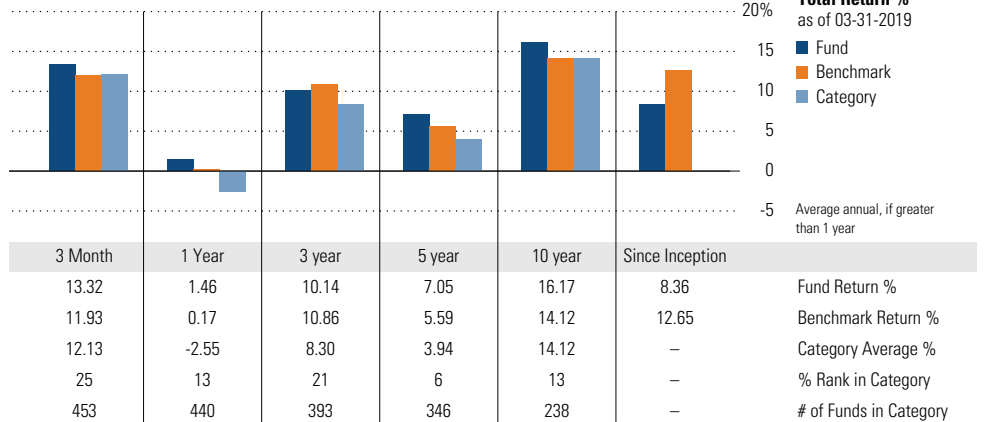
Morningstar Investment Management LLC Analysis

This fund fails our manager tenure screen; however, since it is an index fund, we are not overly concerned about the manager change. This fund also fails our style screen but its portfolio positioning remains consistent with the benchmark index it tracks.

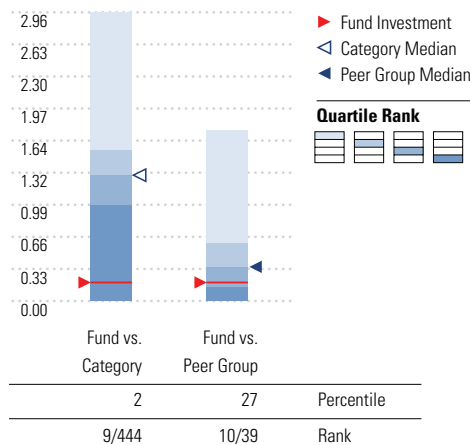
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.56	-	-1.88
Beta	0.87	-	0.96
R-Squared	96.19	-	92.76
Standard Deviation	14.37	16.12	16.10
Sharpe Ratio	0.65	0.64	0.50
Tracking Error	3.46	-	4.31
Information Ratio	-0.21	-	-0.68
Up Capture Ratio	87.17	-	88.84
Down Capture Ratio	83.17	-	97.04

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.50	18.52	18.01
Price/Book Ratio	1.80	1.45	1.65
Geom Avg Mkt Cap \$B	2.79	1.34	2.55
ROE	11.48	6.22	9.71

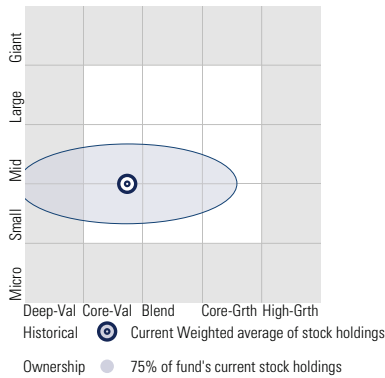
Vanguard Small Cap Value Index Inv VISVX

Morningstar Category
Small Value

Morningstar Index
Russell 2000 Value TR USD

Style Analysis as of 03-31-2019

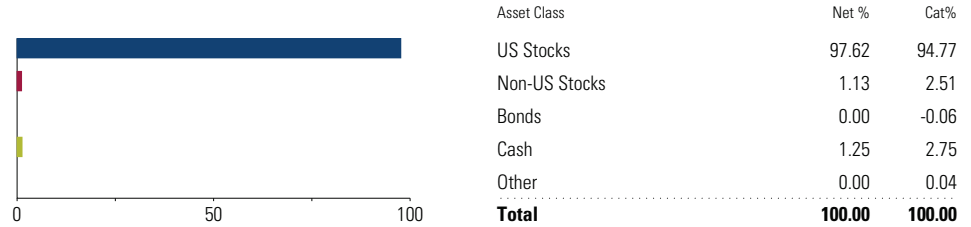
Morningstar Style Box™



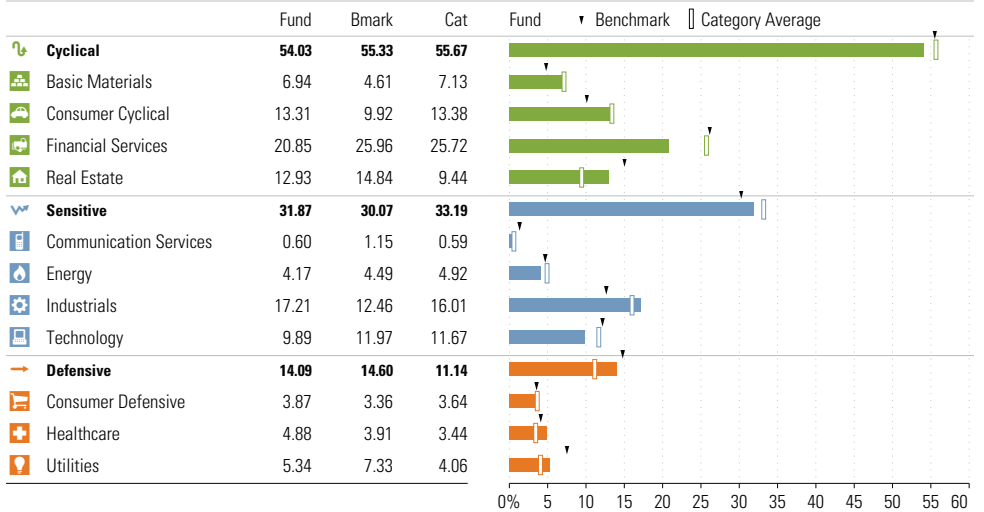
Style Breakdown



Asset Allocation as of 03-31-2019



Sector Weighting as of 03-31-2019



Top 15 Holdings as of 03-31-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Cmt Market Liquidity Rate	1.23	1.23	-	-
⊕ Atmos Energy Corp	0.66	1.89	11.58	Utilities
⊕ IDEX Corp	0.64	2.53	20.52	Industrials
⊕ PerkinElmer Inc	0.59	3.12	22.76	Healthcare
⊕ UGI Corp	0.53	3.64	4.37	Utilities
⊖ Spirit AeroSystems Holdings Inc Class A	0.53	4.17	27.13	Industrials
⊖ Leidos Holdings Inc	0.51	4.68	22.17	Technology
⊕ National Retail Properties Inc	0.49	5.17	15.21	Real Estate
⊖ Allegion PLC	0.47	5.64	14.14	Industrials
⊖ ON Semiconductor Corp	0.46	6.10	24.59	Technology
⊕ Sage Therapeutics Inc	0.44	6.53	-	Healthcare
⊕ Gaming and Leisure Properties Inc	0.43	6.96	-	Real Estate
⊖ Booz Allen Hamilton Holding Corp	0.42	7.39	29.51	Industrials
⊖ RPM International Inc	0.42	7.81	-0.66	Basic Materials
⊕ US Foods Holding Corp	0.41	8.22	-	Consumer Defensive

Total Holdings 847

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Target Retirement 2015 Inv VTXVX

Morningstar Category
Target-Date 2015

Morningstar Index
Morningstar Lifetime Mod 2015 TR USD

Portfolio Manager(s)

William Coleman since 02-2013
Walter Nejman since 02-2013

Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2015 category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 6.1 years.

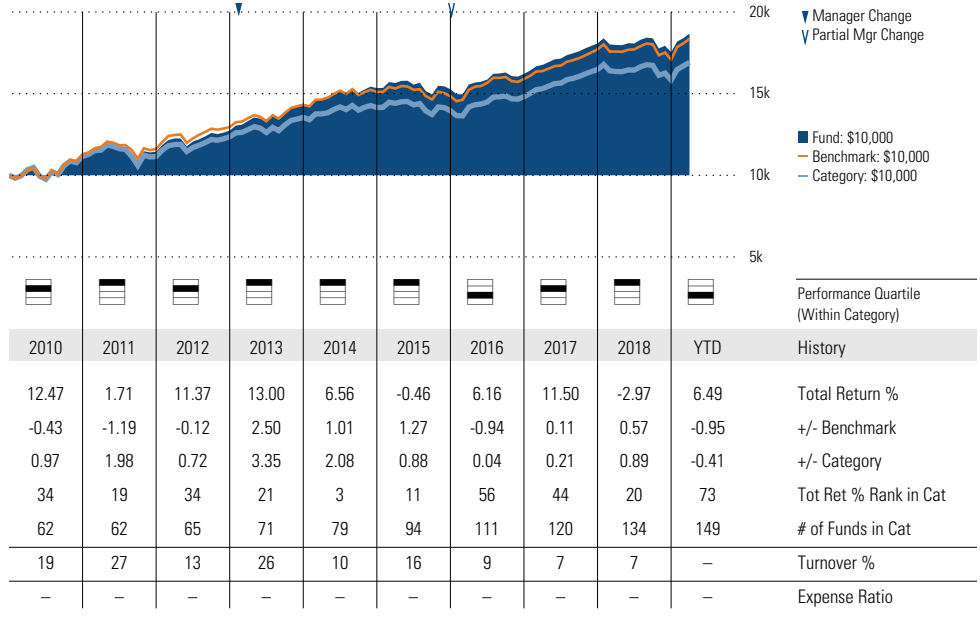
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.13 is 81.94% lower than the Target-Date 2015 category average.

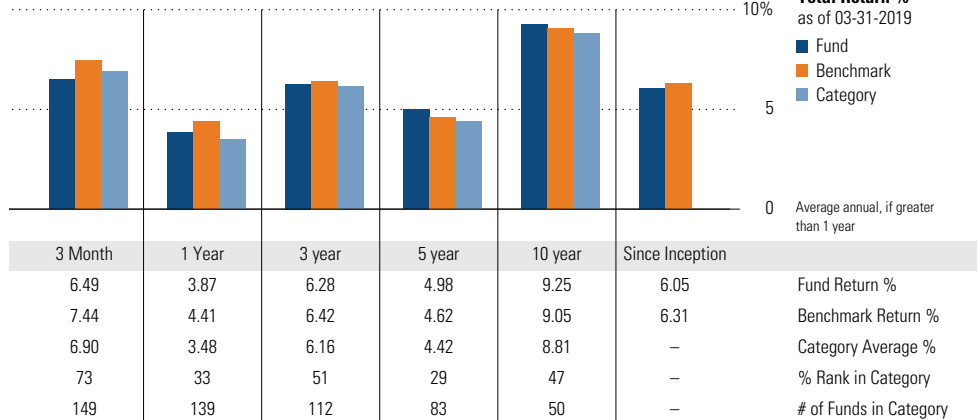
Morningstar Investment Management LLC Analysis

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.

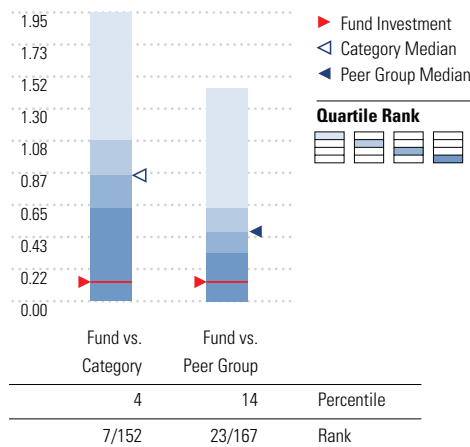
Growth of \$10,000



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	0.55	-	-0.06
Beta	0.89	-	0.97
R-Squared	97.99	-	94.17
Standard Deviation	4.39	4.89	4.90
Sharpe Ratio	1.11	1.03	0.98
Tracking Error	0.83	-	1.24
Information Ratio	-0.17	-	-0.19
Up Capture Ratio	93.25	-	94.97
Down Capture Ratio	85.71	-	93.14

Portfolio Metrics

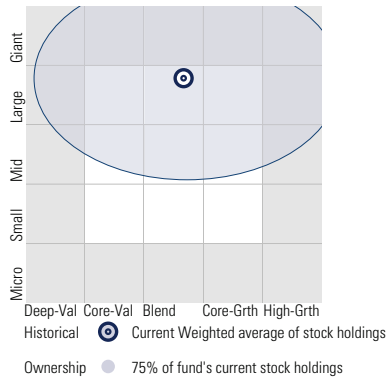
	Fund	Bmark	Cat
Price/Earnings Ratio	17.76	17.82	18.03
Price/Book Ratio	2.19	2.17	2.27
Avg Eff Duration	5.78	7.24	4.31

Vanguard Target Retirement 2015 Inv VTXVX

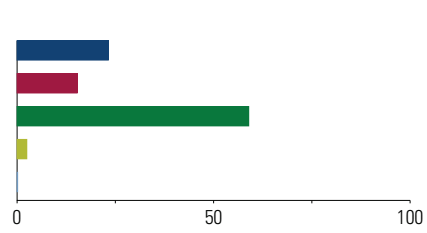
Morningstar Category
Target-Date 2015

Morningstar Index
Morningstar Lifetime Mod 2015 TR USD

Style Analysis as of 03-31-2019
Morningstar Style Box™

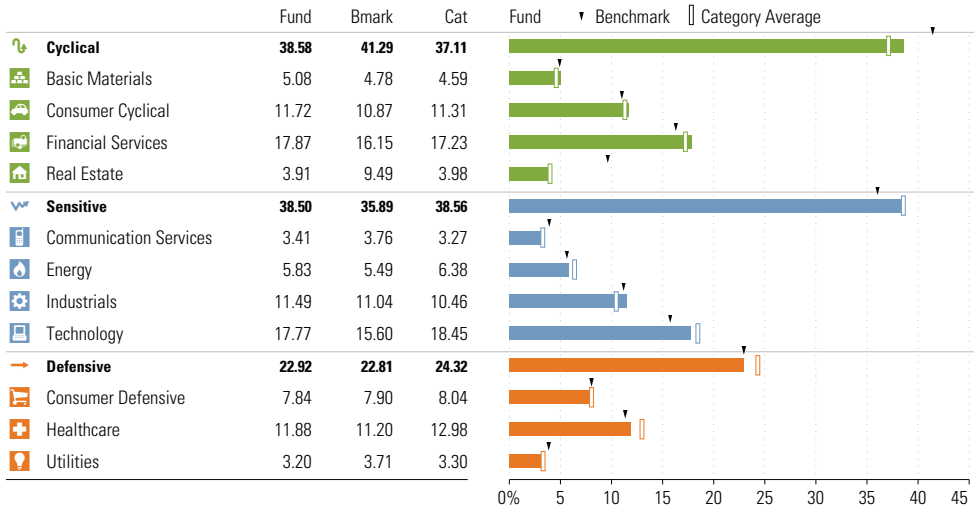


Asset Allocation as of 03-31-2019

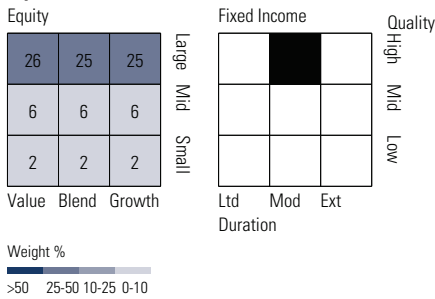


Asset Class	Net %	Cat%
US Stocks	23.21	26.63
Non-US Stocks	15.27	14.73
Bonds	58.93	50.87
Cash	2.46	4.78
Other	0.13	3.00
Total	100.00	100.00

Sector Weighting as of 03-31-2019



Style Breakdown



Top 6 Holdings as of 03-31-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Bond Market II Idx Inv	-	33.85	33.85	-	-
⊖ Vanguard Total Stock Mkt Idx Inv	-	23.46	57.31	-	-
⊖ Vanguard Total Intl Stock Index Inv	-	15.65	72.96	-	-
⊕ Vanguard Total Intl Bd Idx Investor	-	14.39	87.36	-	-
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Inv	-	12.61	99.96	-	-
⊖ Cmt Market Liquidity Rate	-	0.04	100.00	-	-

Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Target Retirement 2020 Inv VTWNX

Morningstar Category
Target-Date 2020

Morningstar Index
Morningstar Lifetime Mod 2020 TR USD

Portfolio Manager(s)

Walter Nejman since 02-2013
William Coleman since 02-2013

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 6.1 years.

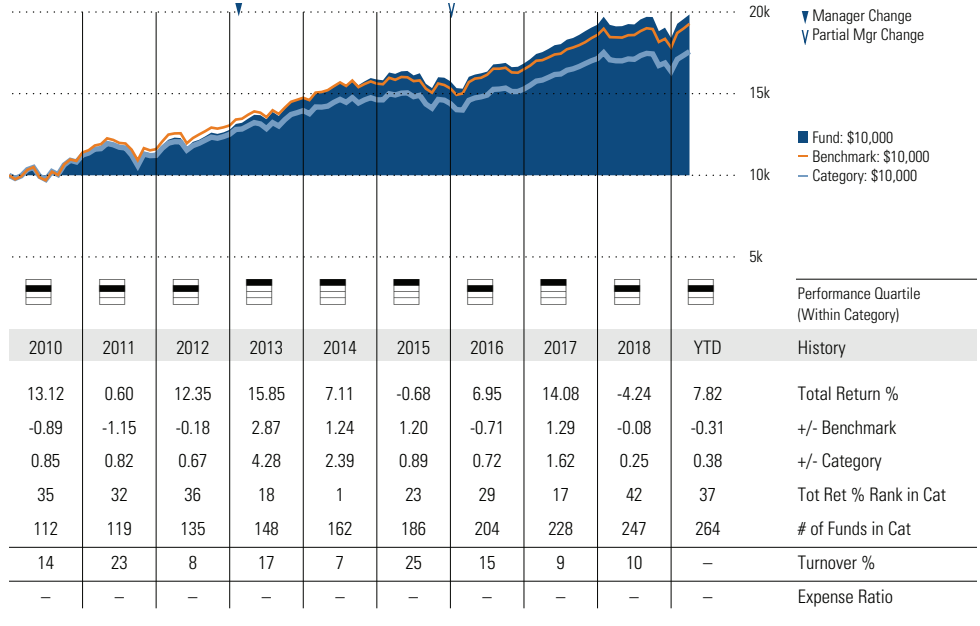
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.13 is 83.33% lower than the Target-Date 2020 category average.

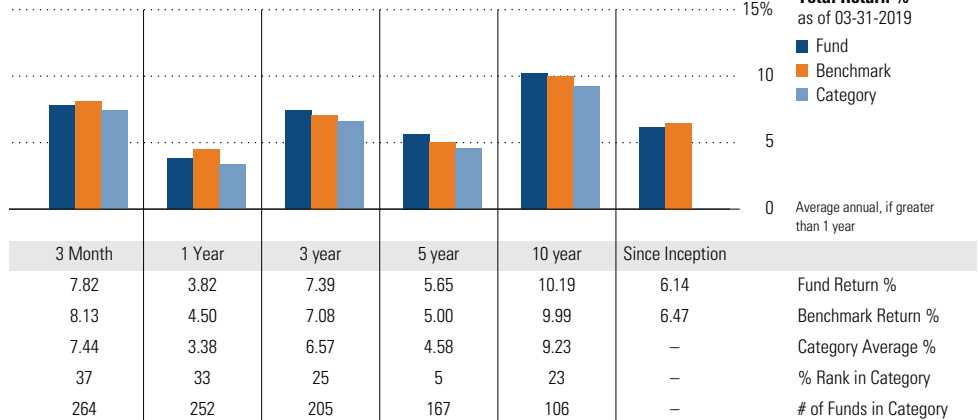
Morningstar Investment Management LLC Analysis

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

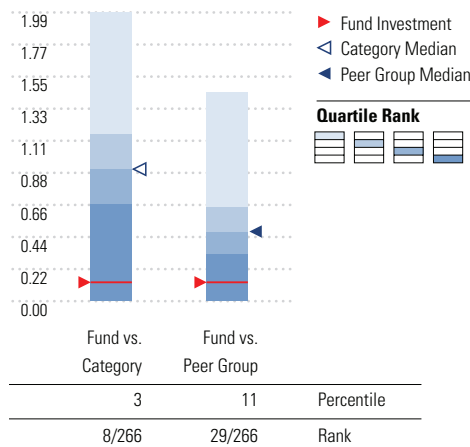
Growth of \$10,000



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	-	-0.19
Beta	1.01	-	0.93
R-Squared	97.39	-	92.47
Standard Deviation	5.58	5.44	5.28
Sharpe Ratio	1.07	1.05	0.95
Tracking Error	0.90	-	1.51
Information Ratio	0.34	-	-0.40
Up Capture Ratio	103.04	-	91.98
Down Capture Ratio	101.02	-	94.25

Portfolio Metrics

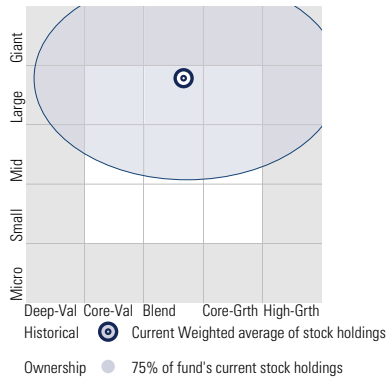
	Fund	Bmark	Cat
Price/Earnings Ratio	17.76	17.75	17.87
Price/Book Ratio	2.19	2.15	2.22
Avg Eff Duration	6.09	7.97	5.46

Vanguard Target Retirement 2020 Inv VTWNX

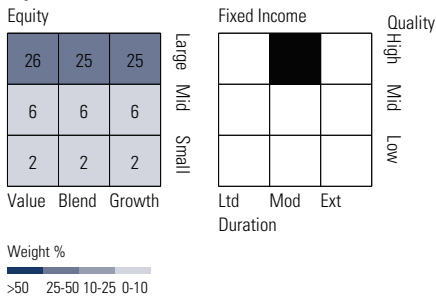
Morningstar Category
Target-Date 2020

Morningstar Index
Morningstar Lifetime Mod 2020 TR USD

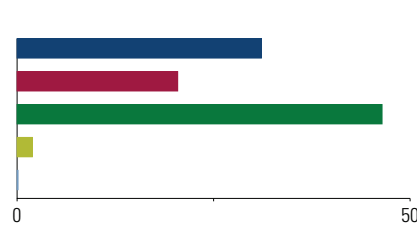
Style Analysis as of 03-31-2019
Morningstar Style Box™



Style Breakdown



Asset Allocation as of 03-31-2019



Asset Class	Net %	Cat%
US Stocks	31.08	29.11
Non-US Stocks	20.43	13.79
Bonds	46.43	49.67
Cash	1.94	4.48
Other	0.12	2.95
Total	100.00	100.00

Sector Weighting as of 03-31-2019

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
Cyclical	38.60	41.32	38.49			
Basic Materials	5.08	4.87	4.31			
Consumer Cyclical	11.74	10.94	11.93			
Financial Services	17.87	16.27	17.63			
Real Estate	3.91	9.24	4.62			
Sensitive	38.50	35.93	38.20			
Communication Services	3.41	3.70	3.11			
Energy	5.82	5.52	5.45			
Industrials	11.50	11.11	10.66			
Technology	17.77	15.60	18.98			
Defensive	22.90	22.77	23.31			
Consumer Defensive	7.84	7.92	7.64			
Healthcare	11.87	11.13	12.56			
Utilities	3.19	3.72	3.11			

Top 6 Holdings as of 03-31-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	–	31.41	31.41	–	–
⊖ Vanguard Total Bond Market II Idx Inv	–	29.32	60.73	–	–
⊖ Vanguard Total Intl Stock Index Inv	–	20.94	81.67	–	–
⊕ Vanguard Total Intl Bd Idx Investor	–	12.37	94.04	–	–
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Inv	–	5.96	100.00	–	–
⊖ Cmt Market Liquidity Rate	–	0.00	100.00	–	–

Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Target Retirement 2025 Inv VTTVX

Morningstar Category
Target-Date 2025

Morningstar Index
Morningstar Lifetime Mod 2025 TR USD

Portfolio Manager(s)

Walter Nejman since 02-2013
William Coleman since 02-2013

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 6.1 years.

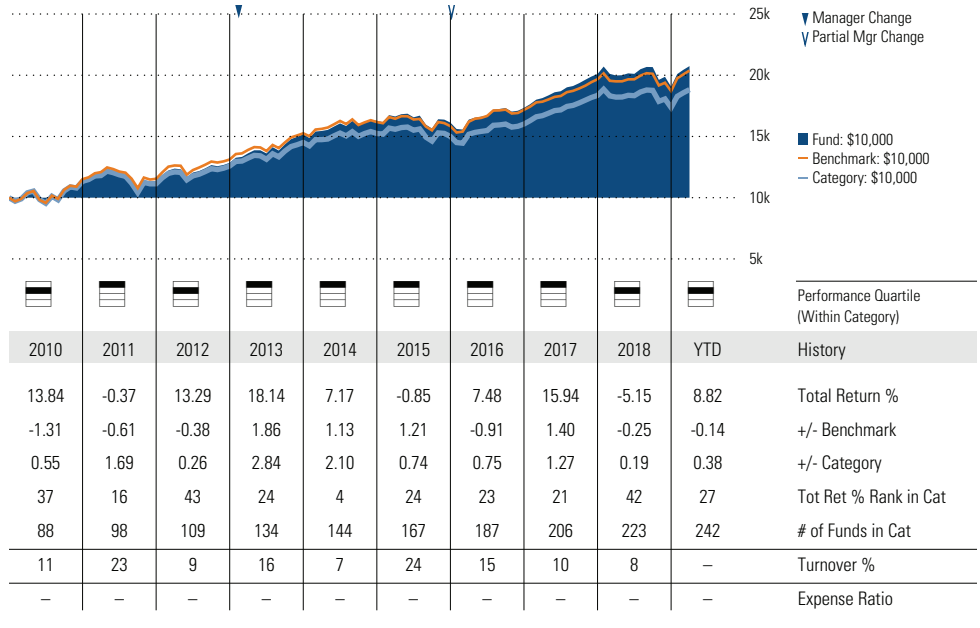
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.13 is 83.12% lower than the Target-Date 2025 category average.

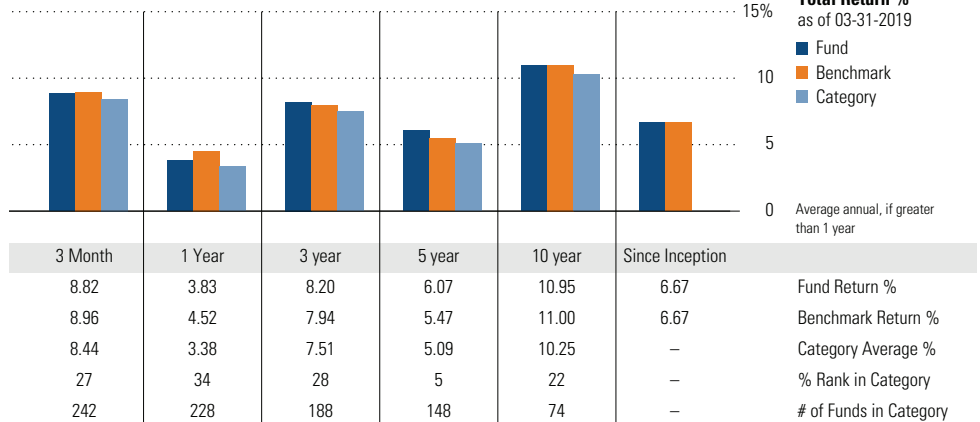
Morningstar Investment Management LLC Analysis

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

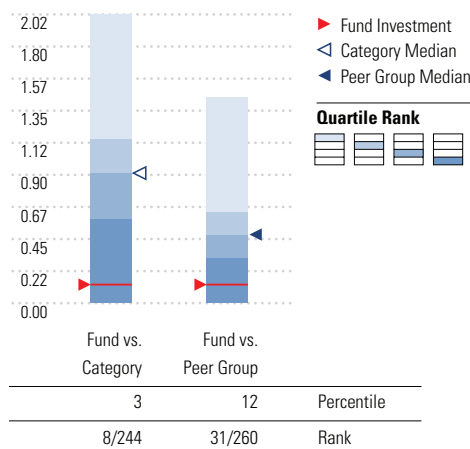
Growth of \$10,000



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	-0.02	-	-0.41
Beta	1.04	-	0.99
R-Squared	98.06	-	95.81
Standard Deviation	6.44	6.16	6.23
Sharpe Ratio	1.05	1.06	0.97
Tracking Error	0.92	-	1.38
Information Ratio	0.28	-	-0.40
Up Capture Ratio	104.20	-	96.63
Down Capture Ratio	105.90	-	101.88

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.78	17.67	17.99
Price/Book Ratio	2.19	2.12	2.26
Avg Eff Duration	6.56	8.54	5.45

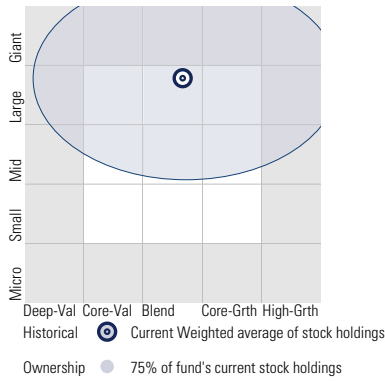
Vanguard Target Retirement 2025 Inv VTTVX

Morningstar Category
Target-Date 2025

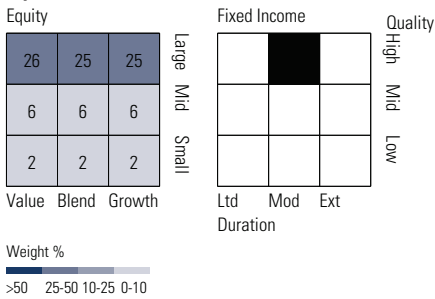
Morningstar Index
Morningstar Lifetime Mod 2025 TR USD

Style Analysis as of 03-31-2019

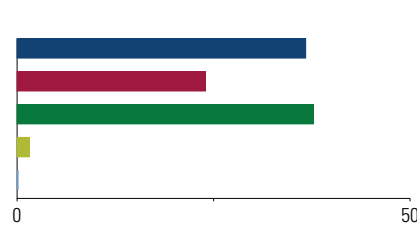
Morningstar Style Box™



Style Breakdown

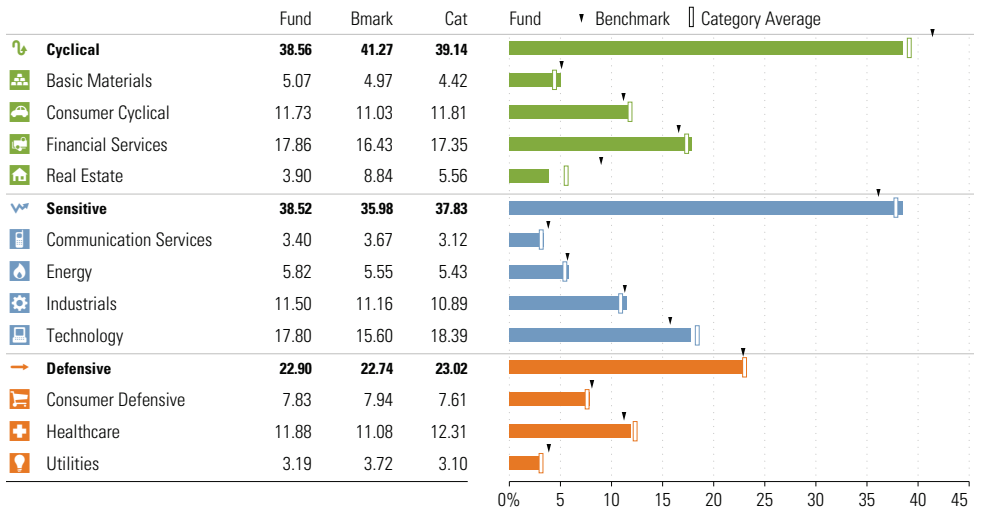


Asset Allocation as of 03-31-2019



Asset Class	Net %	Cat%
US Stocks	36.71	35.41
Non-US Stocks	23.97	18.57
Bonds	37.66	38.46
Cash	1.54	3.74
Other	0.12	3.82
Total	100.00	100.00

Sector Weighting as of 03-31-2019



Top 5 Holdings as of 03-31-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	—	37.10	37.10	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	26.87	63.98	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	24.56	88.54	—	—
⊕ Vanguard Total Intl Bd Idx Investor	—	11.43	99.97	—	—
⊖ Cmt Market Liquidity Rate	—	0.03	100.00	—	—

Total Holdings 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Target Retirement 2030 Inv VTHRX

Morningstar Category
Target-Date 2030

Morningstar Index
Morningstar Lifetime Mod 2030 TR USD

Portfolio Manager(s)

William Coleman since 02-2013
Walter Nejman since 02-2013

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 6.1 years.

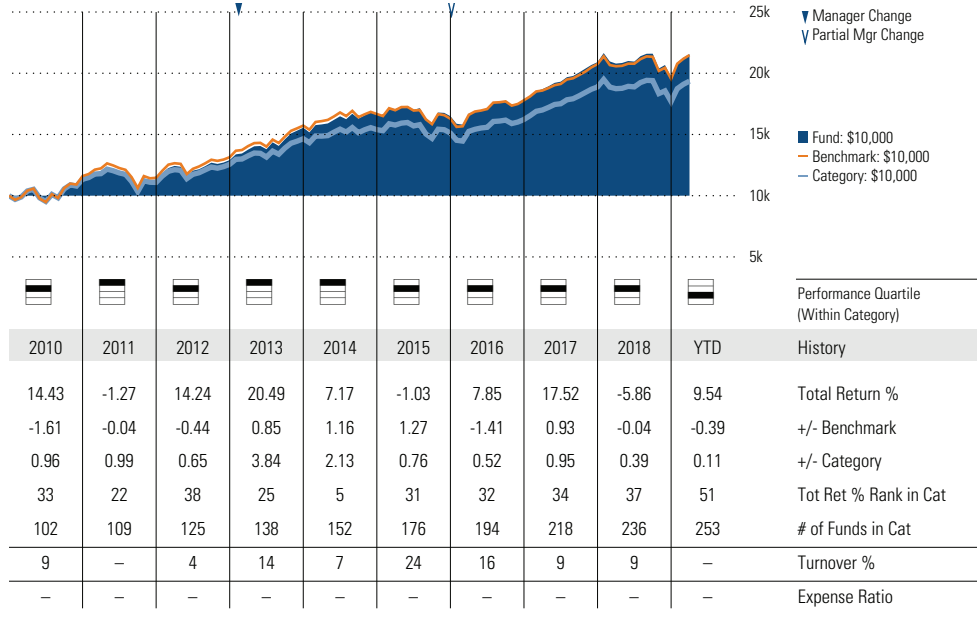
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.14 is 82.72% lower than the Target-Date 2030 category average.

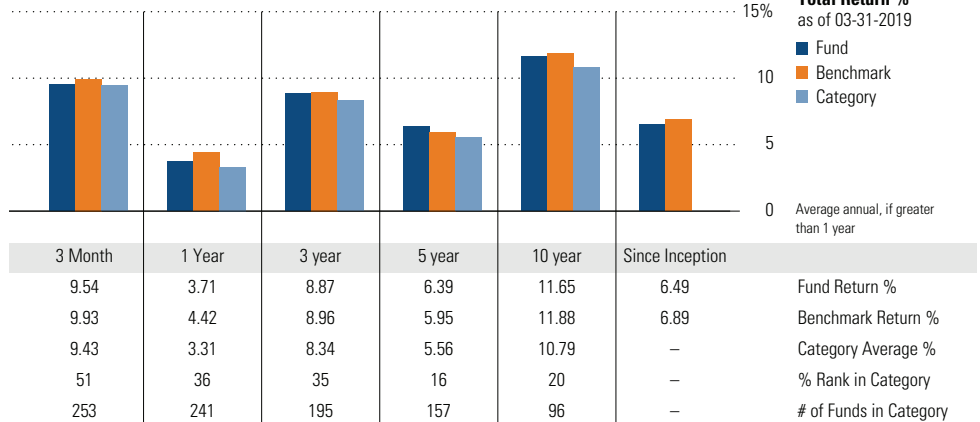
Morningstar Investment Management LLC Analysis

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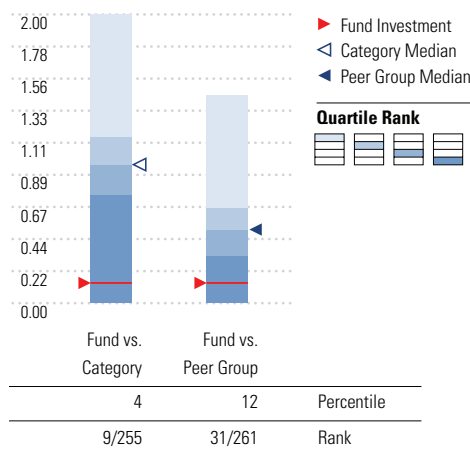
Growth of \$10,000



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	-0.13	-	-0.57
Beta	1.01	-	0.99
R-Squared	98.69	-	94.78
Standard Deviation	7.18	7.09	7.22
Sharpe Ratio	1.04	1.06	0.95
Tracking Error	0.82	-	1.53
Information Ratio	-0.11	-	-0.47
Up Capture Ratio	100.61	-	96.71
Down Capture Ratio	103.10	-	103.57

Portfolio Metrics

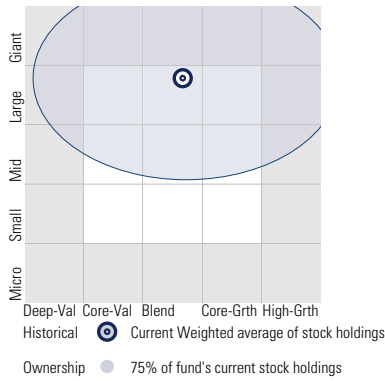
	Fund	Bmark	Cat
Price/Earnings Ratio	17.78	17.60	17.87
Price/Book Ratio	2.19	2.10	2.20
Avg Eff Duration	6.56	8.89	5.54

Vanguard Target Retirement 2030 Inv VTHRX

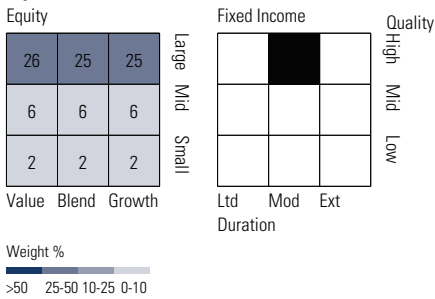
Morningstar Category
Target-Date 2030

Morningstar Index
Morningstar Lifetime Mod 2030 TR USD

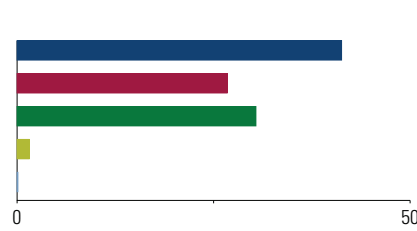
Style Analysis as of 03-31-2019
Morningstar Style Box™



Style Breakdown

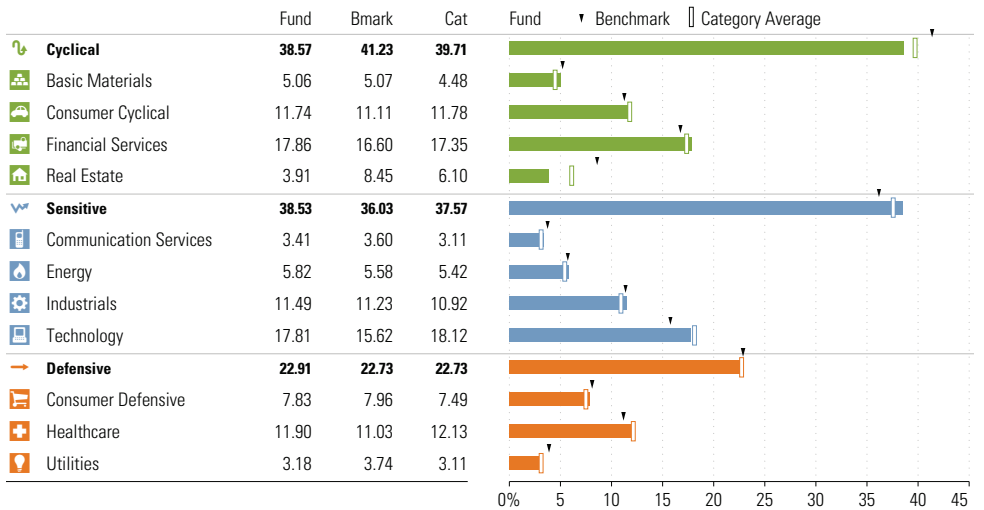


Asset Allocation as of 03-31-2019



Asset Class	Net %	Cat%
US Stocks	41.28	42.34
Non-US Stocks	26.72	22.87
Bonds	30.38	28.51
Cash	1.53	3.22
Other	0.10	3.08
Total	100.00	100.00

Sector Weighting as of 03-31-2019



Top 5 Holdings as of 03-31-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	41.72	41.72	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	27.37	69.10	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	21.70	90.80	-	-
⊕ Vanguard Total Intl Bd Idx Investor	-	9.19	99.99	-	-
⊖ Cmt Market Liquidity Rate	-	0.01	100.00	-	-

Total Holdings 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Target Retirement 2035 Inv VTTHX

Morningstar Category
Target-Date 2035

Morningstar Index
Morningstar Lifetime Mod 2035 TR USD

Portfolio Manager(s)

William Coleman since 02-2013
Walter Nejman since 02-2013

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 6.1 years.

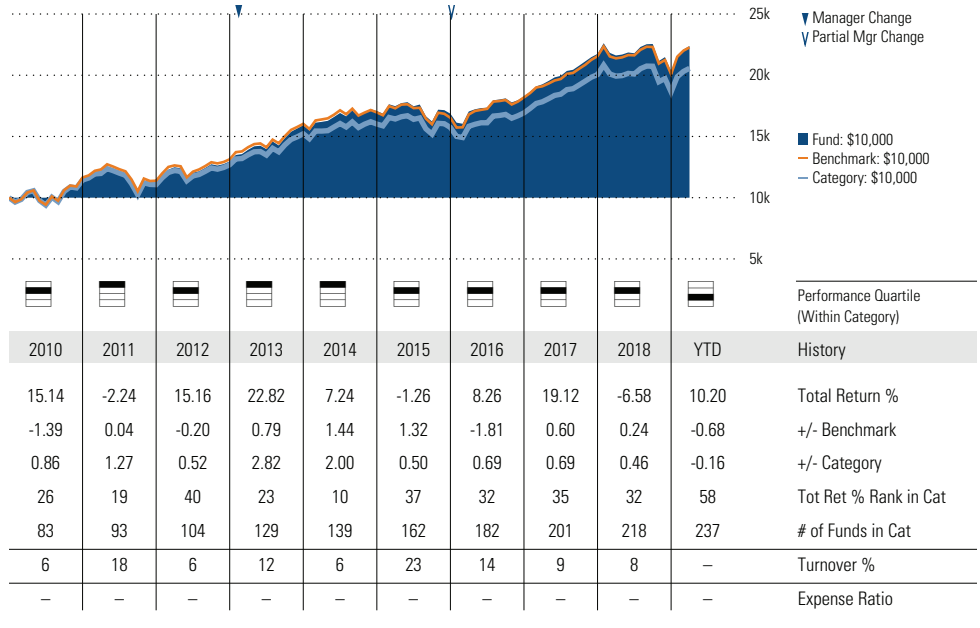
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.14 is 82.05% lower than the Target-Date 2035 category average.

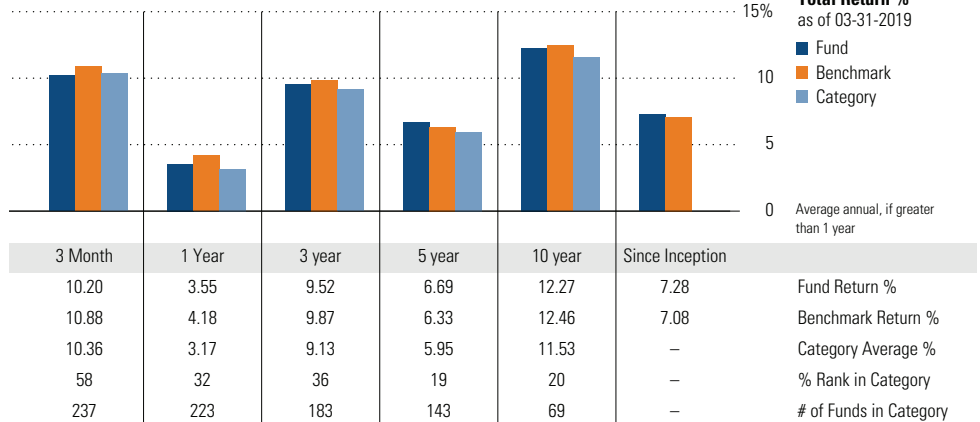
Morningstar Investment Management LLC Analysis

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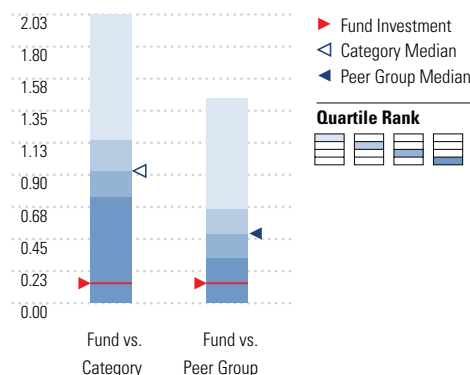
Growth of \$10,000



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	-0.09	-	-0.63
Beta	0.98	-	0.99
R-Squared	98.98	-	97.56
Standard Deviation	7.92	8.07	8.11
Sharpe Ratio	1.02	1.05	0.95
Tracking Error	0.82	-	1.33
Information Ratio	-0.42	-	-0.60
Up Capture Ratio	97.77	-	96.27
Down Capture Ratio	99.54	-	102.04

Portfolio Metrics

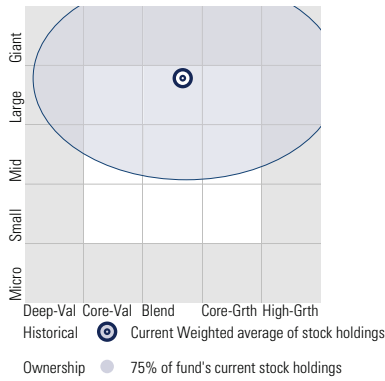
	Fund	Bmark	Cat
Price/Earnings Ratio	17.77	17.52	18.00
Price/Book Ratio	2.19	2.08	2.24
Avg Eff Duration	6.56	8.97	5.73

Vanguard Target Retirement 2035 Inv VTTHX

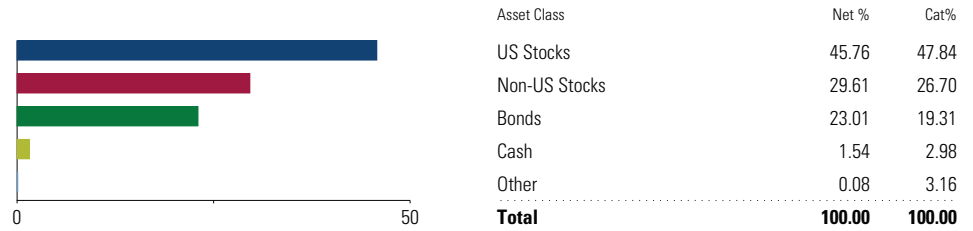
Morningstar Category
Target-Date 2035

Morningstar Index
Morningstar Lifetime Mod 2035 TR USD

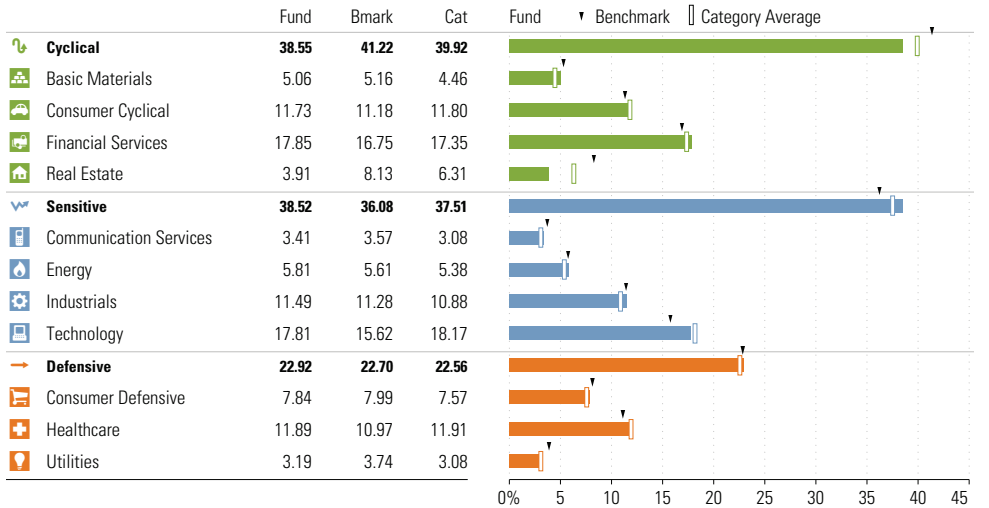
Style Analysis as of 03-31-2019
Morningstar Style Box™



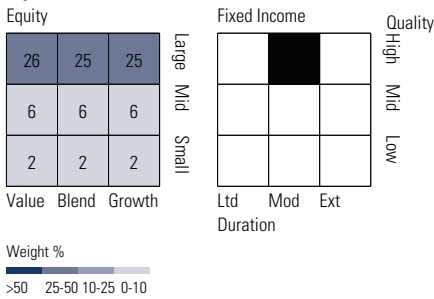
Asset Allocation as of 03-31-2019



Sector Weighting as of 03-31-2019



Style Breakdown



Top 5 Holdings as of 03-31-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	46.25	46.25	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	30.33	76.58	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	16.46	93.05	-	-
⊕ Vanguard Total Intl Bd Idx Investor	-	6.94	99.98	-	-
⊖ Cmt Market Liquidity Rate	-	0.02	100.00	-	-

Total Holdings 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Target Retirement 2040 Inv VFORX

Morningstar Category
Target-Date 2040

Morningstar Index
Morningstar Lifetime Mod 2040 TR USD

Portfolio Manager(s)

William Coleman since 02-2013
Walter Nejman since 02-2013

Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2040 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 6.1 years.

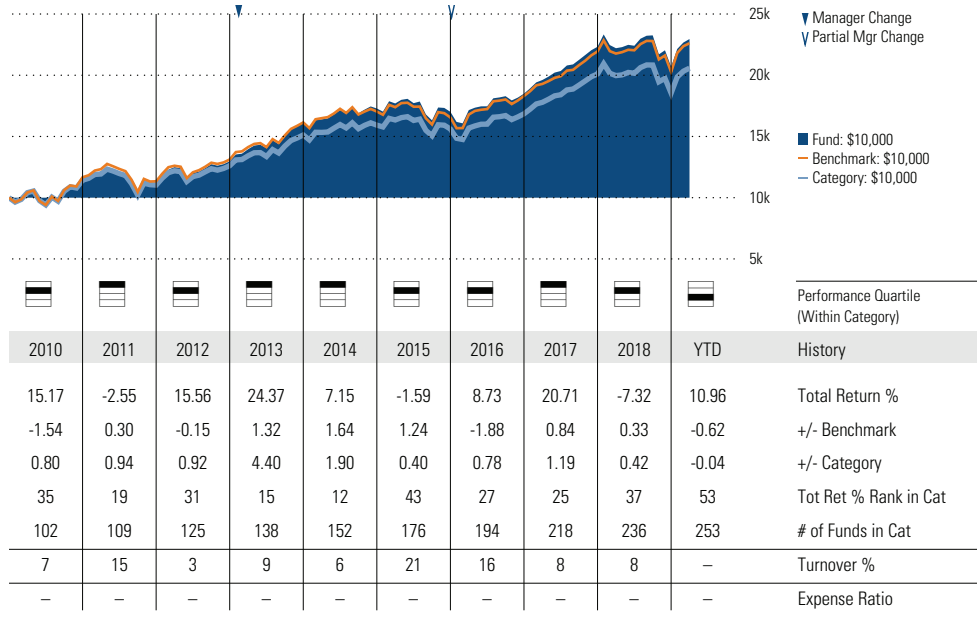
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.14 is 82.93% lower than the Target-Date 2040 category average.

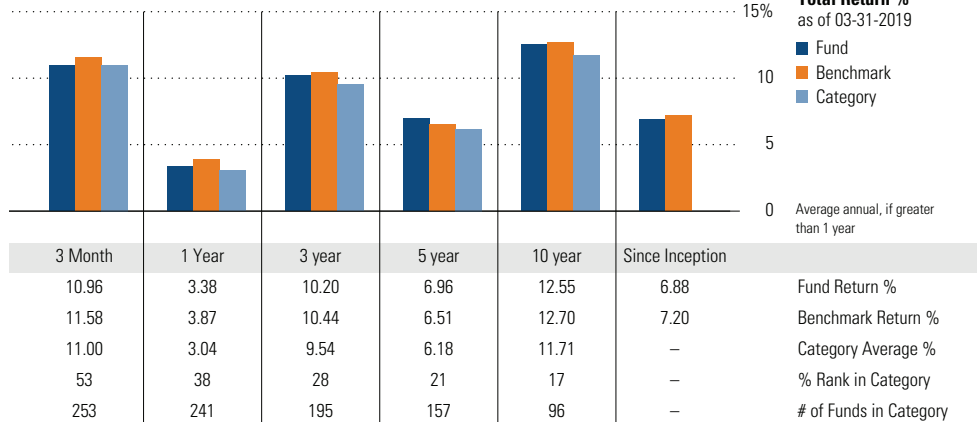
Morningstar Investment Management LLC Analysis

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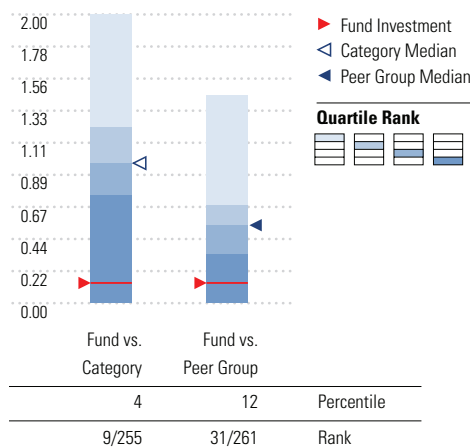
Growth of \$10,000



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	0.00	-	-0.56
Beta	0.98	-	0.96
R-Squared	99.08	-	95.35
Standard Deviation	8.66	8.82	8.71
Sharpe Ratio	1.02	1.02	0.93
Tracking Error	0.85	-	1.60
Information Ratio	-0.27	-	-0.67
Up Capture Ratio	98.44	-	94.39
Down Capture Ratio	99.32	-	99.69

Portfolio Metrics

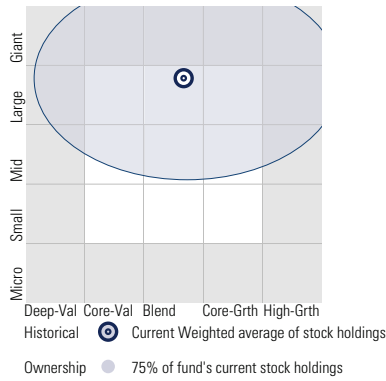
	Fund	Bmark	Cat
Price/Earnings Ratio	17.76	17.44	17.85
Price/Book Ratio	2.19	2.06	2.20
Avg Eff Duration	6.55	9.04	5.69

Vanguard Target Retirement 2040 Inv VFORX

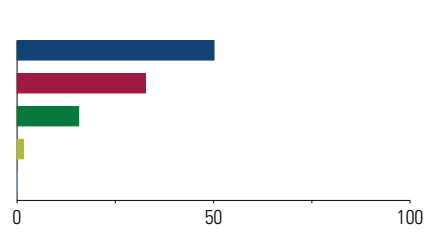
Morningstar Category
Target-Date 2040

Morningstar Index
Morningstar Lifetime Mod 2040 TR USD

Style Analysis as of 03-31-2019
Morningstar Style Box™

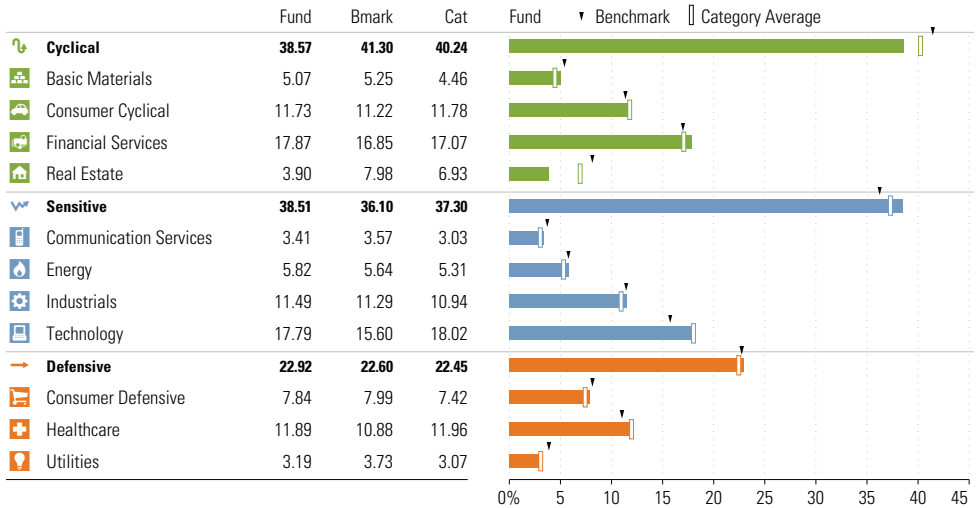


Asset Allocation as of 03-31-2019

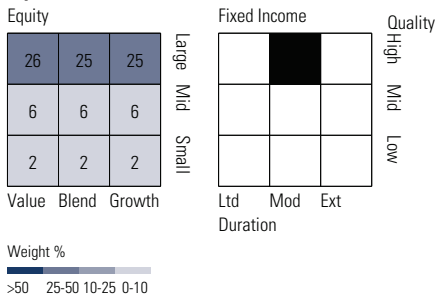


Asset Class	Net %	Cat%
US Stocks	50.11	52.37
Non-US Stocks	32.61	29.16
Bonds	15.66	12.94
Cash	1.54	2.72
Other	0.07	2.83
Total	100.00	100.00

Sector Weighting as of 03-31-2019



Style Breakdown



Top 5 Holdings as of 03-31-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	50.64	50.64	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	33.42	84.06	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	11.25	95.31	-	-
⊕ Vanguard Total Intl Bd Idx Investor	-	4.69	99.99	-	-
⊖ Cmt Market Liquidity Rate	-	0.01	100.00	-	-

Total Holdings 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Target Retirement 2045 Inv VTIVX

Morningstar Category
Target-Date 2045

Morningstar Index
Morningstar Lifetime Mod 2045 TR USD

Portfolio Manager(s)

Walter Nejman since 02-2013
William Coleman since 02-2013

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 6.1 years.

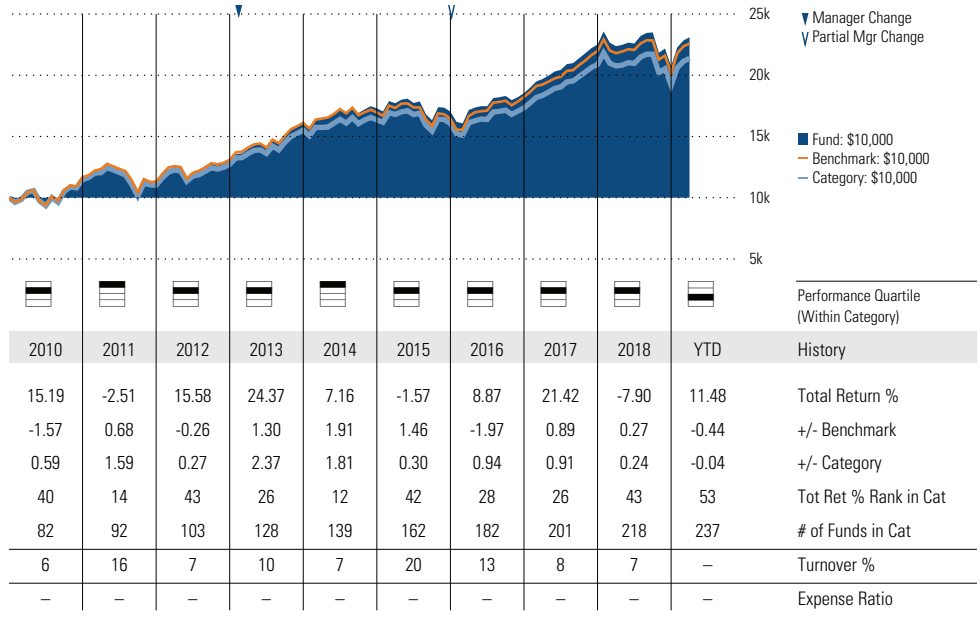
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.15 is 81.01% lower than the Target-Date 2045 category average.

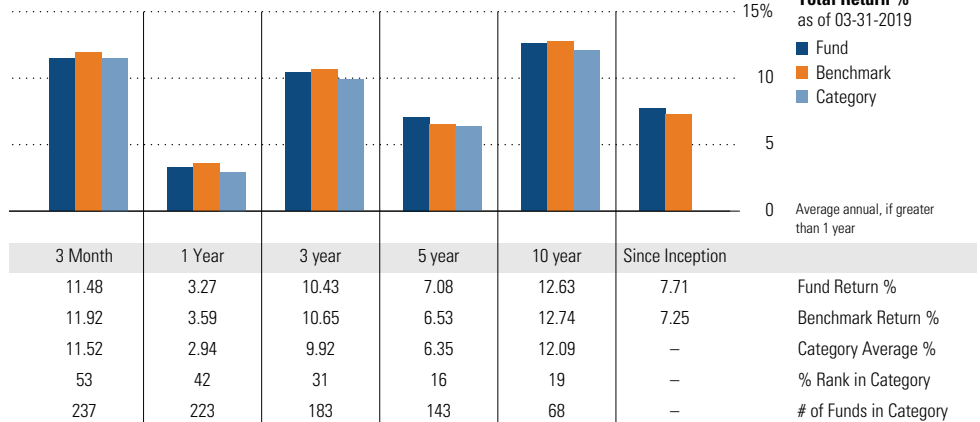
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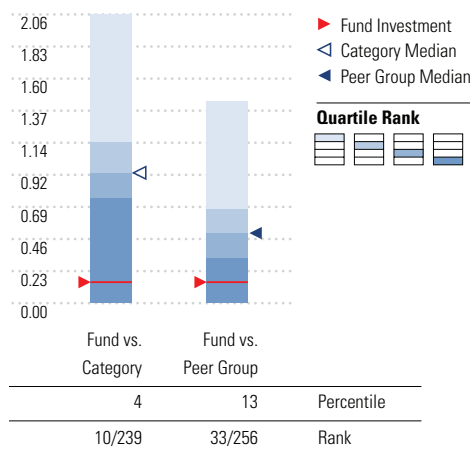
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.09	-	-0.57
Beta	0.99	-	0.98
R-Squared	99.14	-	97.88
Standard Deviation	9.14	9.19	9.14
Sharpe Ratio	0.99	1.01	0.93
Tracking Error	0.85	-	1.36
Information Ratio	-0.25	-	-0.62
Up Capture Ratio	98.99	-	96.00
Down Capture Ratio	100.30	-	100.70

Portfolio Metrics

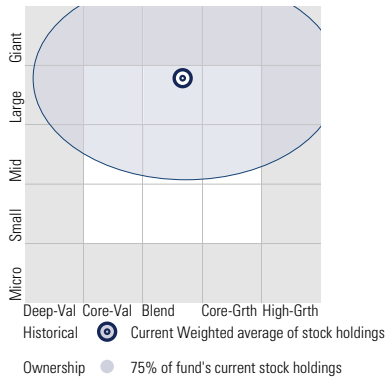
	Fund	Bmark	Cat
Price/Earnings Ratio	17.76	17.36	18.17
Price/Book Ratio	2.19	2.04	2.23
Avg Eff Duration	6.54	-	5.80

Vanguard Target Retirement 2045 Inv VTIVX

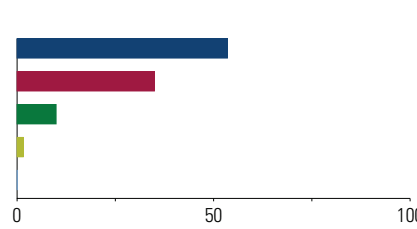
Morningstar Category
Target-Date 2045

Morningstar Index
Morningstar Lifetime Mod 2045 TR USD

Style Analysis as of 03-31-2019
Morningstar Style Box™

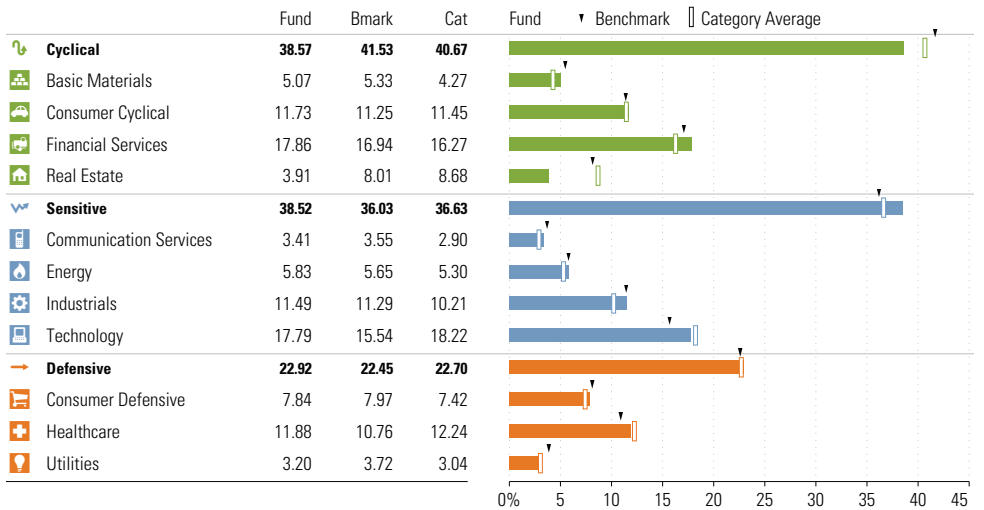


Asset Allocation as of 03-31-2019



Asset Class	Net %	Cat%
US Stocks	53.52	55.84
Non-US Stocks	34.94	31.69
Bonds	9.92	7.46
Cash	1.55	2.87
Other	0.06	2.15
Total	100.00	100.00

Sector Weighting as of 03-31-2019



Style Breakdown



Top 5 Holdings as of 03-31-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	—	54.09	54.09	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	35.81	89.90	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	7.18	97.08	—	—
⊕ Vanguard Total Intl Bd Idx Investor	—	2.91	99.99	—	—
⊖ Cmt Market Liquidity Rate	—	0.01	100.00	—	—

Total Holdings 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Target Retirement 2050 Inv VFIFX

Morningstar Category
Target-Date 2050

Morningstar Index
Morningstar Lifetime Mod 2050 TR USD

Portfolio Manager(s)

William Coleman since 02-2013
Walter Nejman since 02-2013

Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2050 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 6.1 years.

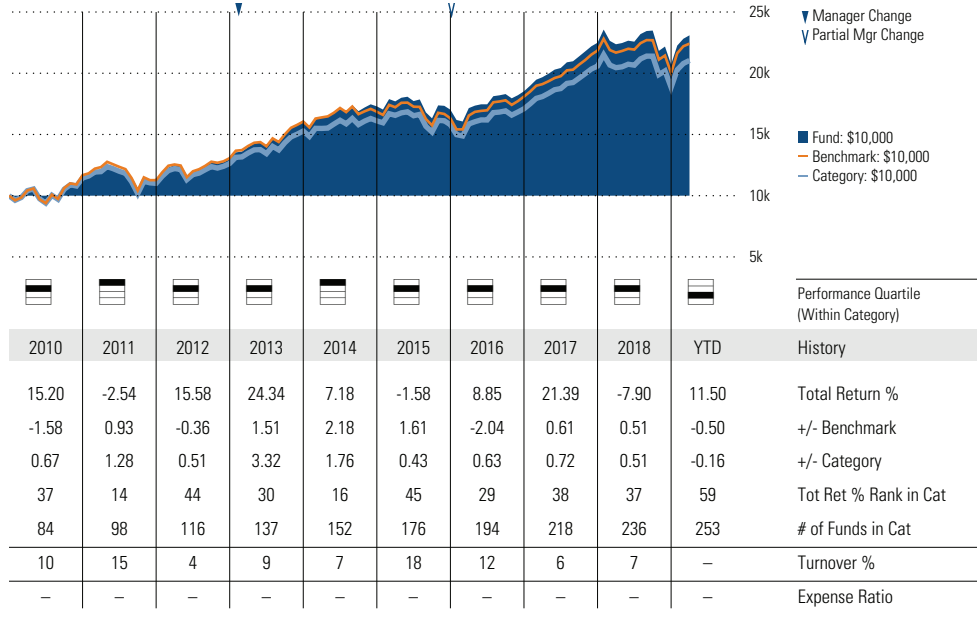
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.15 is 81.93% lower than the Target-Date 2050 category average.

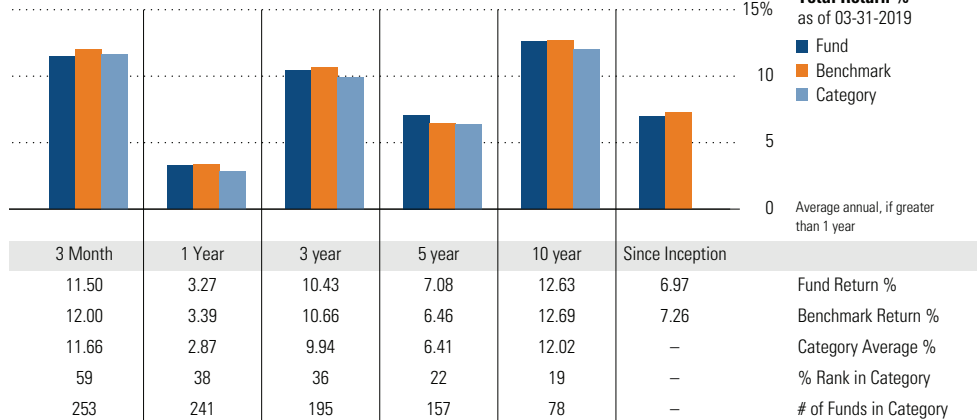
Morningstar Investment Management LLC Analysis

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

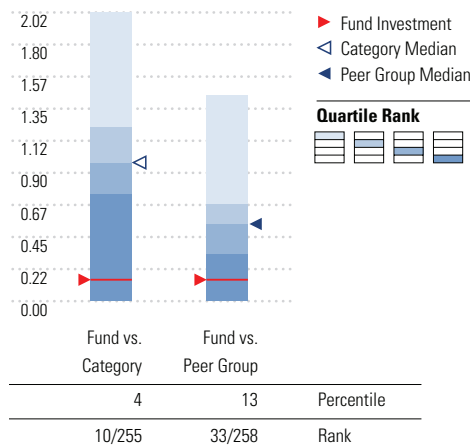
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.02	-	-0.48
Beta	0.98	-	0.97
R-Squared	99.14	-	95.37
Standard Deviation	9.15	9.30	9.27
Sharpe Ratio	0.99	1.00	0.92
Tracking Error	0.87	-	1.67
Information Ratio	-0.27	-	-0.55
Up Capture Ratio	98.45	-	95.78
Down Capture Ratio	99.28	-	100.37

Portfolio Metrics

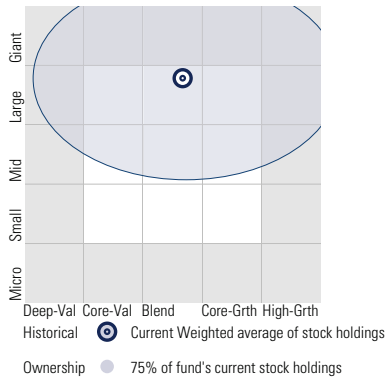
	Fund	Bmark	Cat
Price/Earnings Ratio	17.76	17.28	18.03
Price/Book Ratio	2.19	2.02	2.21
Avg Eff Duration	6.55	-	5.63

Vanguard Target Retirement 2050 Inv VFIFX

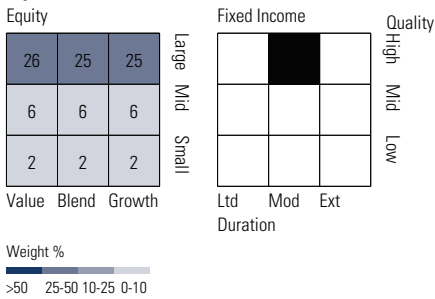
Morningstar Category
Target-Date 2050

Morningstar Index
Morningstar Lifetime Mod 2050 TR USD

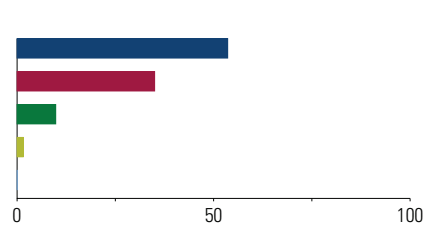
Style Analysis as of 03-31-2019
Morningstar Style Box™



Style Breakdown

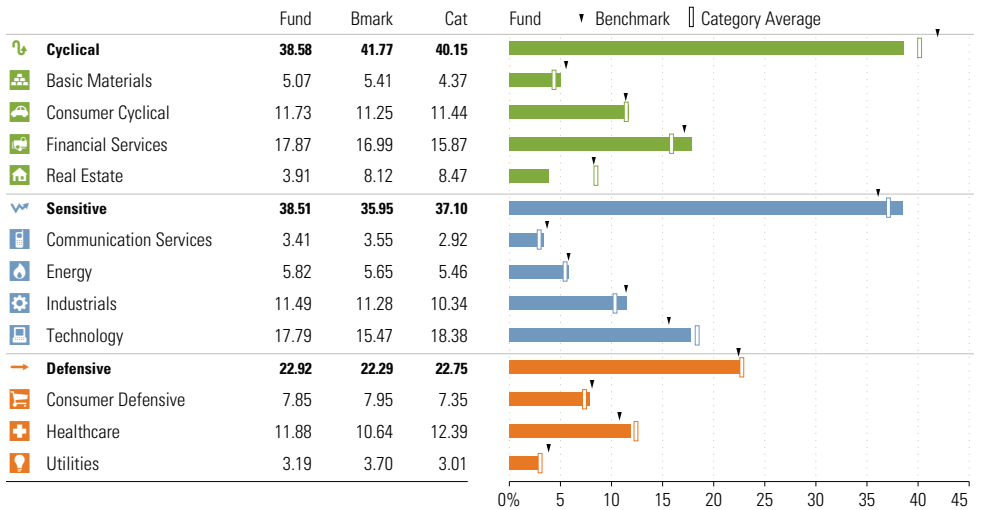


Asset Allocation as of 03-31-2019



Asset Class	Net %	Cat%
US Stocks	53.58	56.31
Non-US Stocks	34.99	31.68
Bonds	9.82	6.57
Cash	1.54	2.53
Other	0.06	2.91
Total	100.00	100.00

Sector Weighting as of 03-31-2019



Top 5 Holdings as of 03-31-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	—	54.15	54.15	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	35.85	90.00	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	7.08	97.09	—	—
⊕ Vanguard Total Intl Bd Idx Investor	—	2.91	100.00	—	—
⊖ Cmt Market Liquidity Rate	—	0.00	100.00	—	—

Total Holdings 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Target Retirement 2055 Inv VFFVX

Morningstar Category
Target-Date 2055

Morningstar Index
Morningstar Lifetime Mod 2055 TR USD

Portfolio Manager(s)

William Coleman since 02-2013
Walter Nejman since 02-2013

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 6.1 years.

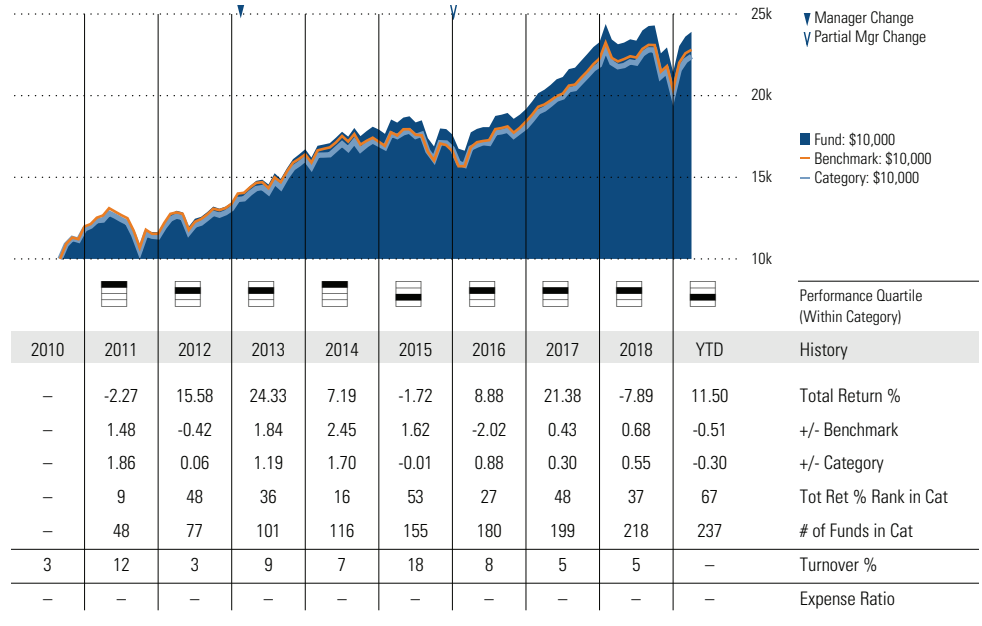
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.15 is 81.25% lower than the Target-Date 2055 category average.

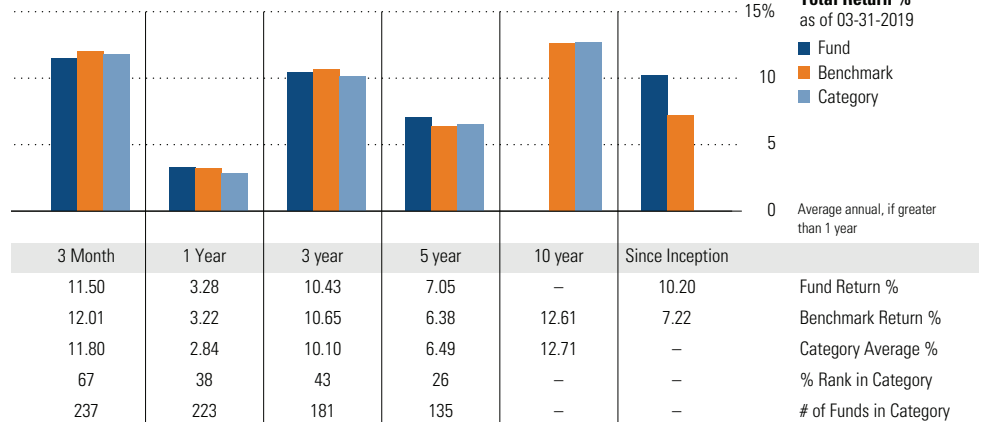
Morningstar Investment Management LLC Analysis

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

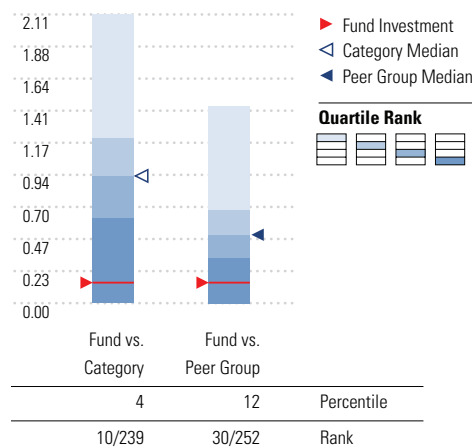
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.05	-	-0.51
Beta	0.97	-	0.99
R-Squared	99.17	-	97.75
Standard Deviation	9.13	9.33	9.36
Sharpe Ratio	0.99	0.99	0.93
Tracking Error	0.87	-	1.43
Information Ratio	-0.25	-	-0.48
Up Capture Ratio	98.25	-	97.15
Down Capture Ratio	98.58	-	101.39

Portfolio Metrics

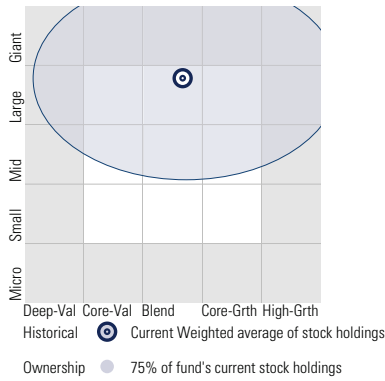
	Fund	Bmark	Cat
Price/Earnings Ratio	17.75	17.19	17.92
Price/Book Ratio	2.19	2.00	2.19
Avg Eff Duration	6.54	-	5.94

Vanguard Target Retirement 2055 Inv VFFVX

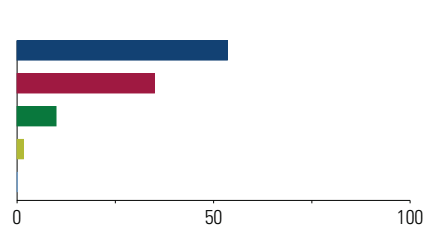
Morningstar Category
Target-Date 2055

Morningstar Index
Morningstar Lifetime Mod 2055 TR USD

Style Analysis as of 03-31-2019
Morningstar Style Box™

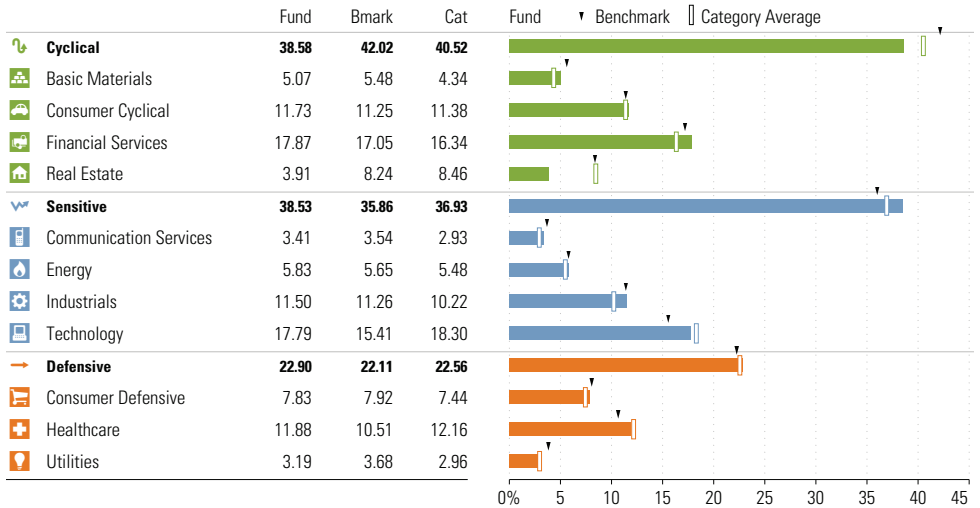


Asset Allocation as of 03-31-2019



Asset Class	Net %	Cat%
US Stocks	53.48	55.85
Non-US Stocks	34.94	33.36
Bonds	9.90	6.24
Cash	1.60	2.64
Other	0.06	1.91
Total	100.00	100.00

Sector Weighting as of 03-31-2019



Style Breakdown



Top 5 Holdings as of 03-31-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	—	54.06	54.06	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	35.80	89.86	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	7.17	97.03	—	—
⊕ Vanguard Total Intl Bd Idx Investor	—	2.91	99.93	—	—
⊖ Cmt Market Liquidity Rate	—	0.07	100.00	—	—

Total Holdings 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Target Retirement 2060 Inv VTTSX

Morningstar Category
Target-Date 2060+

Morningstar Index
Morningstar Lifetime Mod 2060 TR USD

Portfolio Manager(s)

Walter Nejman since 02-2013
William Coleman since 02-2013

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 6.1 years.

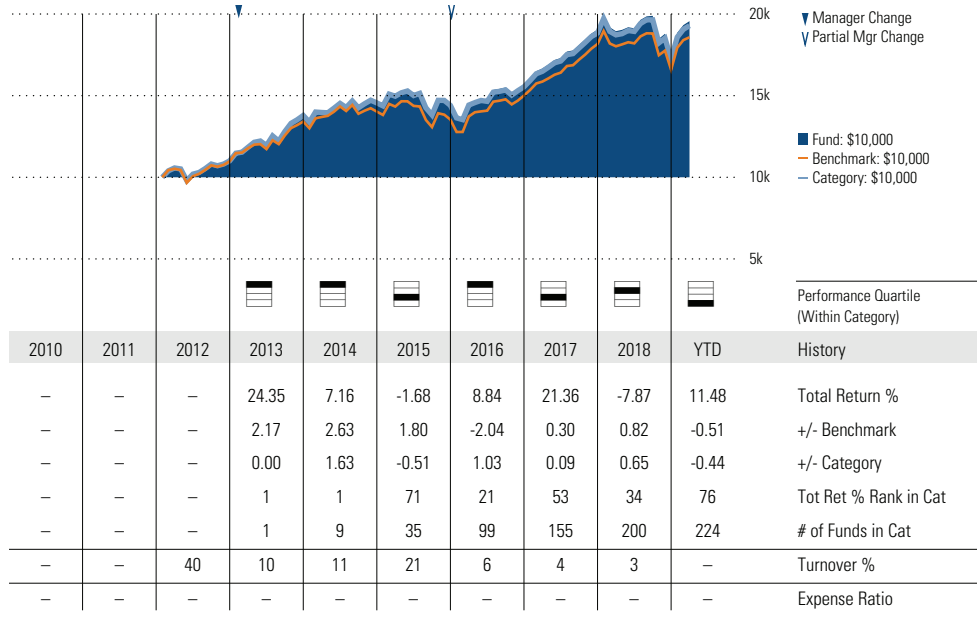
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.15 is 81.93% lower than the Target-Date 2060+ category average.

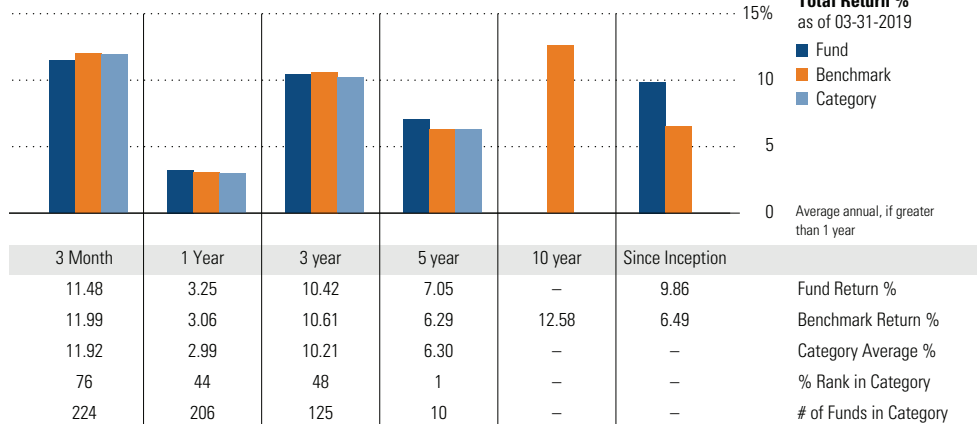
Morningstar Investment Management LLC Analysis

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.

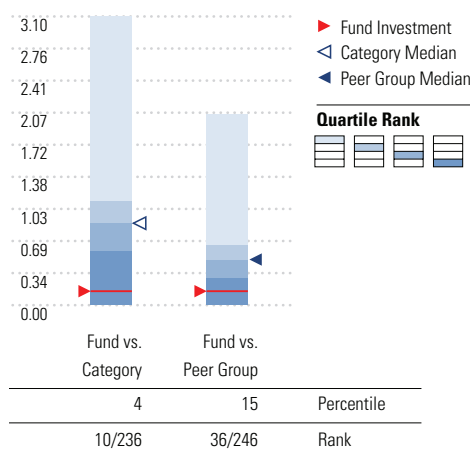
Growth of \$10,000



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	0.08	-	-0.45
Beta	0.97	-	1.00
R-Squared	99.08	-	97.54
Standard Deviation	9.14	9.33	9.48
Sharpe Ratio	0.99	0.99	0.93
Tracking Error	0.91	-	1.52
Information Ratio	-0.21	-	-0.34
Up Capture Ratio	98.37	-	98.55
Down Capture Ratio	98.53	-	102.45

Portfolio Metrics

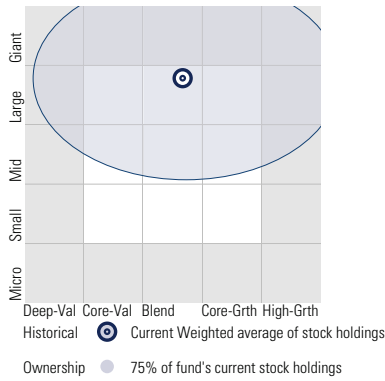
	Fund	Bmark	Cat
Price/Earnings Ratio	17.75	17.12	-
Price/Book Ratio	2.18	1.99	-
Avg Eff Duration	6.54	-	5.86

Vanguard Target Retirement 2060 Inv VTTSX

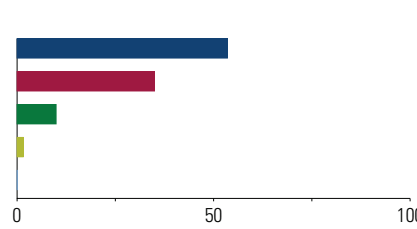
Morningstar Category
Target-Date 2060+

Morningstar Index
Morningstar Lifetime Mod 2060 TR USD

Style Analysis as of 03-31-2019
Morningstar Style Box™

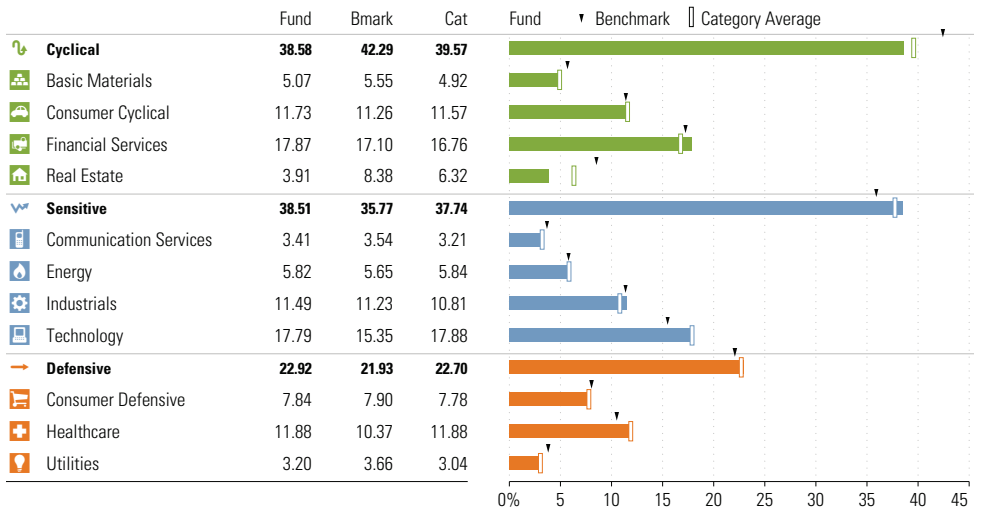


Asset Allocation as of 03-31-2019



Asset Class	Net %	Cat%
US Stocks	53.52	50.89
Non-US Stocks	34.96	36.86
Bonds	9.92	6.98
Cash	1.54	2.84
Other	0.06	2.44
Total	100.00	100.00

Sector Weighting as of 03-31-2019



Style Breakdown



Top 5 Holdings as of 03-31-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	54.09	54.09	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	35.82	89.91	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	7.18	97.09	-	-
⊕ Vanguard Total Intl Bd Idx Investor	-	2.91	100.00	-	-
⊖ Cmt Market Liquidity Rate	-	0.00	100.00	-	-

Total Holdings 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Target Retirement 2065 Inv VLXVX

Morningstar Category
Target-Date 2060+

Morningstar Index
Morningstar Lifetime Mod 2060 TR USD

Portfolio Manager(s)

William Coleman since 07-2017

Walter Nejman since 07-2017

Quantitative Screens

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

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

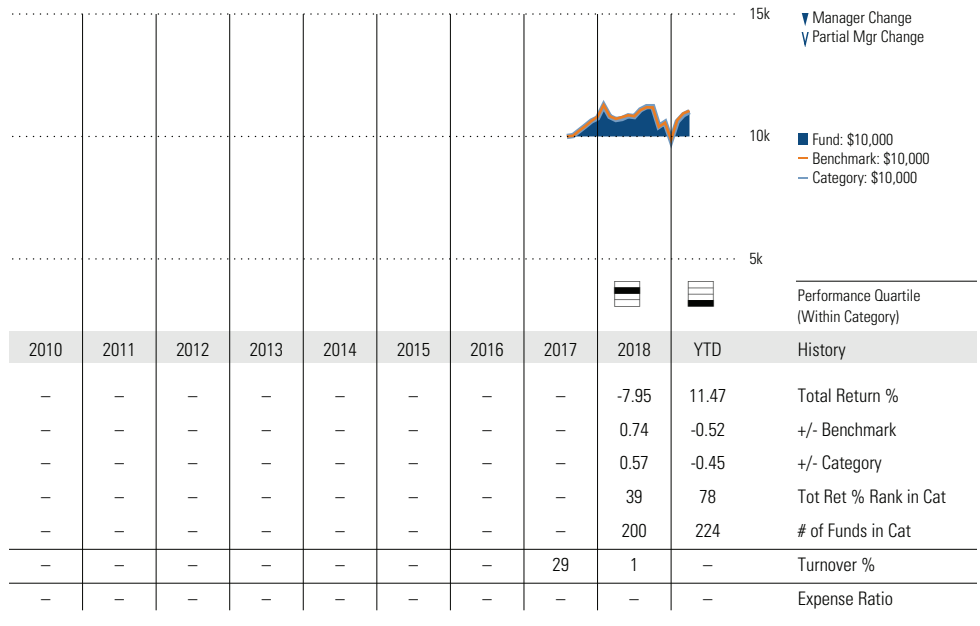
✔ *Style:* The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ *Net Expense:* The fund's expense ratio of 0.15 is 81.93% lower than the Target-Date 2060+ category average.

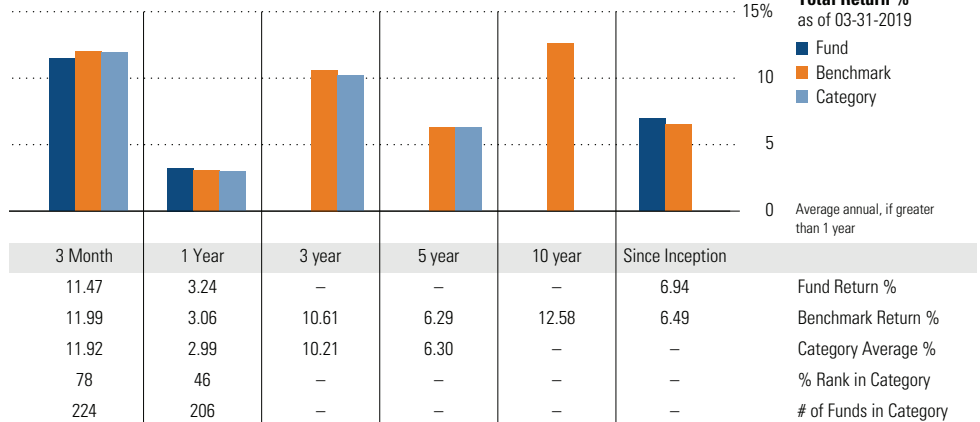
Morningstar Investment Management LLC Analysis

This fund fails our management tenure screen due to the inception of the new 2065 target date fund. This fund is managed by the same team as the full target date series, so we are comfortable with this screen failure.

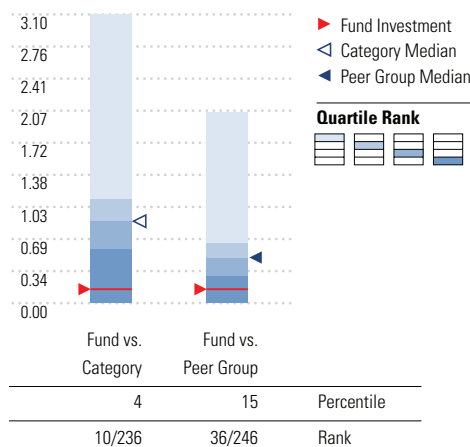
Growth of \$10,000



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	-	-	-0.45
Beta	-	-	1.00
R-Squared	-	-	97.54
Standard Deviation	-	9.33	9.48
Sharpe Ratio	-	0.99	0.93
Tracking Error	-	-	1.52
Information Ratio	-	-	-0.34
Up Capture Ratio	-	-	98.55
Down Capture Ratio	-	-	102.45

Portfolio Metrics

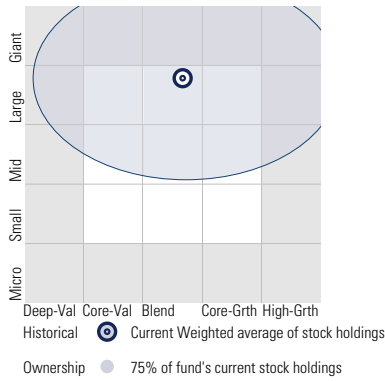
	Fund	Bmark	Cat
Price/Earnings Ratio	-	17.12	-
Price/Book Ratio	-	1.99	-
Avg Eff Duration	6.55	-	5.86

Vanguard Target Retirement 2065 Inv VLXVX

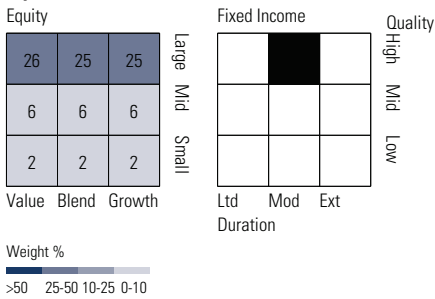
Morningstar Category
Target-Date 2060+

Morningstar Index
Morningstar Lifetime Mod 2060 TR USD

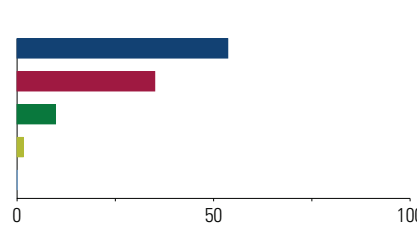
Style Analysis as of 03-31-2019
Morningstar Style Box™



Style Breakdown

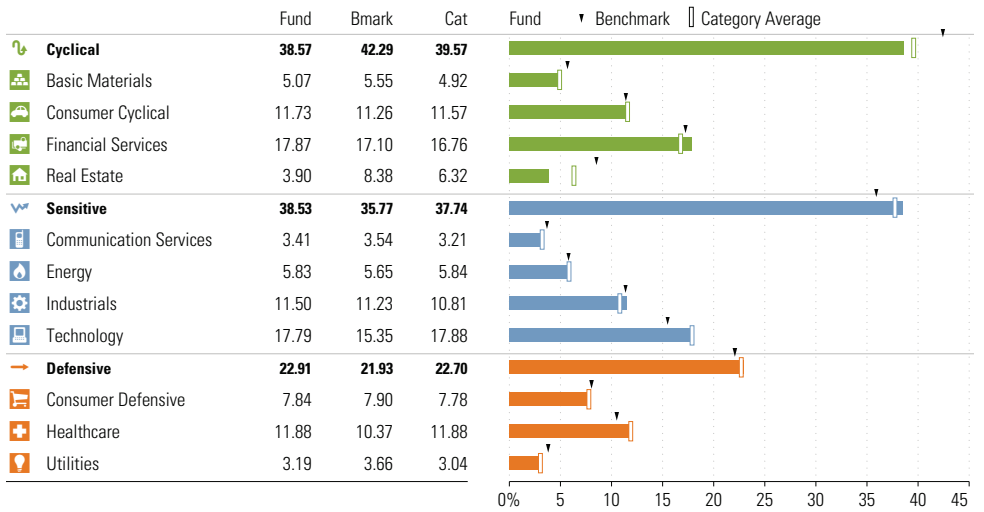


Asset Allocation as of 03-31-2019



Asset Class	Net %	Cat%
US Stocks	53.60	50.89
Non-US Stocks	35.02	36.86
Bonds	9.77	6.98
Cash	1.54	2.84
Other	0.06	2.44
Total	100.00	100.00

Sector Weighting as of 03-31-2019



Top 5 Holdings as of 03-31-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	—	54.17	54.17	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	35.88	90.05	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	7.05	97.10	—	—
⊕ Vanguard Total Intl Bd Idx Investor	—	2.90	100.00	—	—
⊖ Cmt Market Liquidity Rate	—	0.00	100.00	—	—

Total Holdings 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Target Retirement Income Inv VTINX

Morningstar Category
Target-Date Retirement

Morningstar Index
Morningstar Lifetime Mod Incm TR USD

Portfolio Manager(s)

Walter Nejman since 02-2013
William Coleman since 02-2013

Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date Retirement 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 6.1 years.

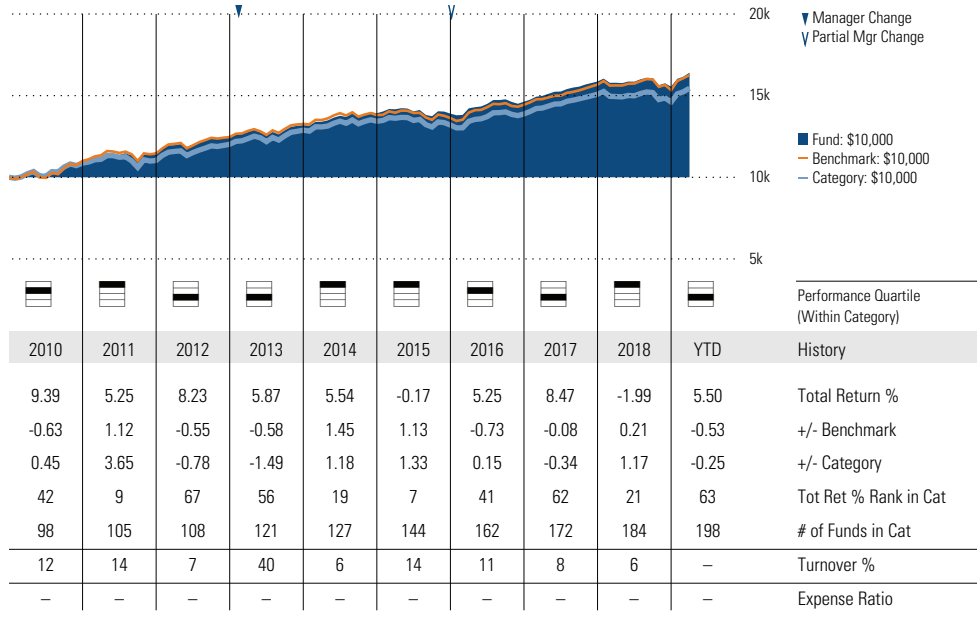
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.12 is 84.62% lower than the Target-Date Retirement category average.

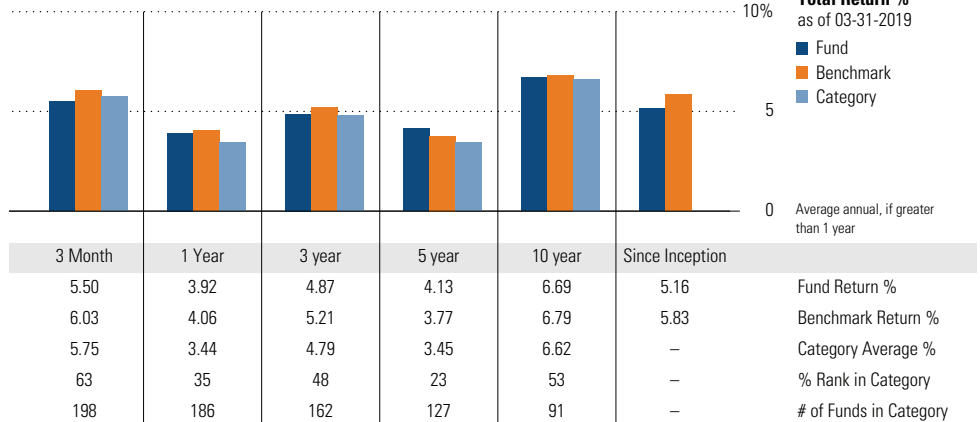
Morningstar Investment Management LLC Analysis

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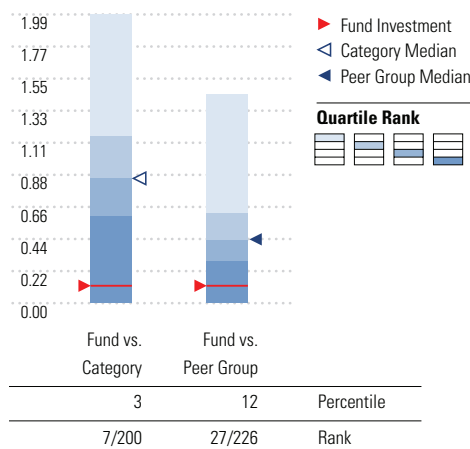
Growth of \$10,000



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	0.33	-	-0.27
Beta	0.87	-	0.96
R-Squared	95.23	-	90.42
Standard Deviation	3.45	3.86	3.89
Sharpe Ratio	1.02	1.00	0.86
Tracking Error	0.90	-	1.30
Information Ratio	-0.37	-	-0.40
Up Capture Ratio	92.80	-	93.20
Down Capture Ratio	91.25	-	97.91

Portfolio Metrics

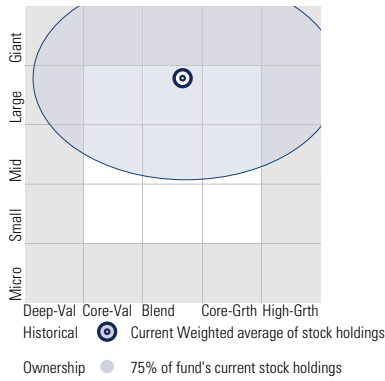
	Fund	Bmark	Cat
Price/Earnings Ratio	17.76	18.03	17.72
Price/Book Ratio	2.19	2.24	2.19
Avg Eff Duration	5.66	4.69	5.45

Vanguard Target Retirement Income Inv VTINX

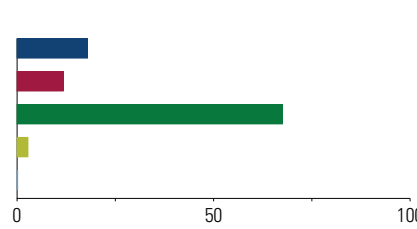
Morningstar Category
Target-Date Retirement

Morningstar Index
Morningstar Lifetime Mod Incm TR USD

Style Analysis as of 03-31-2019
Morningstar Style Box™

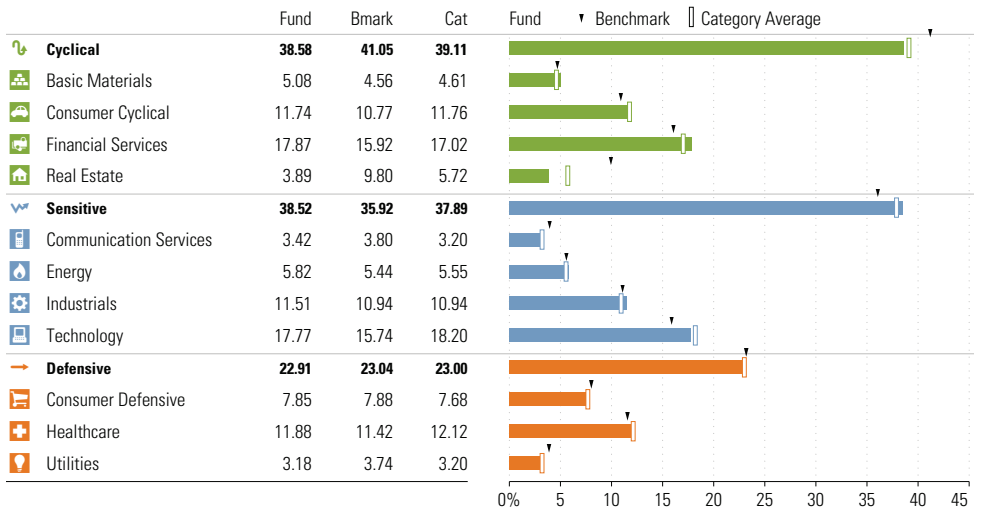


Asset Allocation as of 03-31-2019



Asset Class	Net %	Cat%
US Stocks	17.89	20.10
Non-US Stocks	11.73	10.78
Bonds	67.51	60.15
Cash	2.75	6.41
Other	0.13	2.55
Total	100.00	100.00

Sector Weighting as of 03-31-2019



Style Breakdown



Top 6 Holdings as of 03-31-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Bond Market II Idx Inv	-	37.44	37.44	-	-
⊖ Vanguard Total Stock Mkt Idx Inv	-	18.08	55.52	-	-
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Inv	-	16.63	72.15	-	-
⊕ Vanguard Total Intl Bd Idx Investor	-	15.80	87.95	-	-
⊖ Vanguard Total Intl Stock Index Inv	-	12.02	99.96	-	-
⊖ Cmt Market Liquidity Rate	-	0.04	100.00	-	-

Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio