

American Funds Europacific Growth R6 RERGX

Morningstar Category
Foreign Large Growth

Morningstar Index
MSCI EAFE NR USD

Portfolio Manager(s)

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

Quantitative Screens

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

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

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

✔ **Net Expense:** The fund's expense ratio of 0.49 is 56.64% 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



	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	15.72	Total Return %
+/- Benchmark	2.01	-1.17	2.32	-2.20	2.61	0.33	0.01	6.14	-1.12	2.92	+/- Benchmark
+/- Category	-5.02	-1.01	1.94	2.00	1.63	-1.43	3.15	0.30	-0.83	-1.07	+/- Category
Tot Ret % Rank in Cat	54	40	26	40	27	66	20	44	58	66	Tot Ret % Rank in Cat
# of Funds in Cat	252	267	277	303	325	343	375	411	449	475	# of Funds in Cat
Turnover %	26	31	24	28	28	28	30	36	0	35	Turnover %
Expense Ratio	-	-	0.50	0.50	0.49	0.49	0.50	0.50	0.49	0.49	Expense Ratio

Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	
Fund Return %	-1.59	1.14	7.38	5.02	6.07	8.66	Fund Return %
Benchmark Return %	-1.07	-1.34	6.48	3.27	4.90	8.55	Benchmark Return %
Category Average %	-1.24	0.61	7.18	4.94	6.29	-	Category Average %
% Rank in Category	62	41	39	44	56	-	% Rank in Category
# of Funds in Category	495	467	396	340	250	-	# of Funds in Category

Net Expense



Fund vs. Category: 6 / 25/474
Fund vs. Peer Group: 6 / 17/297
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	0.63	-	0.58
Beta	1.05	-	1.03
R-Squared	90.11	-	-
Standard Deviation	12.26	11.07	12.56
Sharpe Ratio	0.51	0.48	0.46
Tracking Error	3.90	-	5.20
Information Ratio	0.23	-	0.11
Up Capture Ratio	99.76	-	98.91
Down Capture Ratio	93.16	-	93.55

Portfolio Metrics

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

American Funds Europacific Growth R6 RERGX

Morningstar Category
Foreign Large Growth

Morningstar Index
MSCI EAFE NR USD

Style Analysis as of 09-30-2019

Morningstar Style Box™



Style Breakdown



Asset Allocation as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	1.59	8.20
Non-US Stocks	89.75	88.19
Bonds	0.11	0.04
Cash	8.55	3.31
Other	0.00	0.27
Total	100.00	100.00

Sector Weighting as of 09-30-2019



World Regions % Equity 09-30-2019



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	48.50	30.83	Americas	12.05	15.21	Greater Europe	39.44	53.95	Developed Markets	71.33
Japan	15.35	13.01	North America	5.32	13.02	United Kingdom	9.02	12.58	Emerging Markets	28.67
Australasia	1.19	2.16	Central/Latin	6.73	2.19	W euro-ex UK	28.66	40.14	Not Available	0.00
Asia-4 Tigers	11.36	6.39				Emrgng Europe	0.78	0.38		
Asia-ex 4 Tigers	20.60	9.27				Africa	0.98	0.85		
Not Classified	0.00	0.00								

Top 10 Holdings as of 09-30-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	8.12	8.12	-	-
⊖ Airbus SE	2.61	10.73	43.94	Industrials
⊖ AIA Group Ltd	2.56	13.29	15.89	Financial Services
⊕ Nintendo Co Ltd	2.41	15.71	38.84	Technology
⊕ Reliance Industries Ltd	2.38	18.09	19.40	Energy
⊖ HDFC Bank Ltd	2.32	20.40	16.65	Financial Services
⊖ Alibaba Group Holding Ltd ADR	2.12	22.53	22.00	Consumer Cyclical
⊕ ASML Holding NV	1.95	24.47	67.21	Technology
⊖ Samsung Electronics Co Ltd	1.61	26.09	-	Technology
⊖ Daiichi Sankyo Co Ltd	1.56	27.64	95.78	Healthcare

Total Holdings 322

⊕ Increase ⊖ Decrease ✱ New to Portfolio

BlackRock Global Allocation Instl MALOX

Morningstar Category
World Allocation

Morningstar Index
Morningstar Gbl Allocation TR USD

Portfolio Manager(s)

Dan Chamby since 12-2003
David Clayton since 01-2017
Russ Koesterich since 01-2017
Rick Rieder since 04-2019

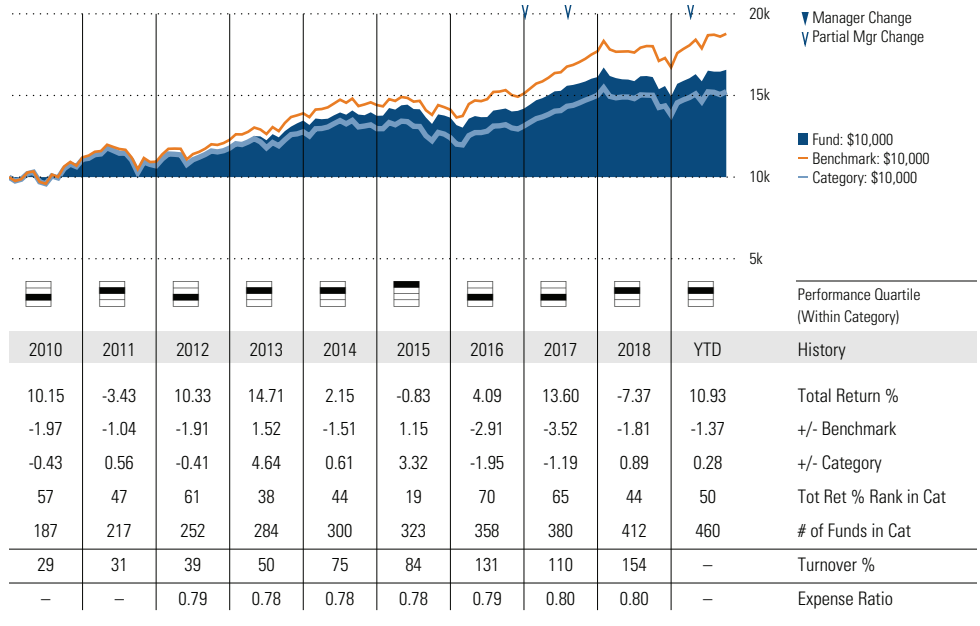
Quantitative Screens

- Performance:** The fund has finished in the World Allocation category's top three quartiles in 10 of the 10 years it's been in existence.
- Management:** The fund's management has been in place for 15.76 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 0.8 is 29.82% lower than the World Allocation category average.

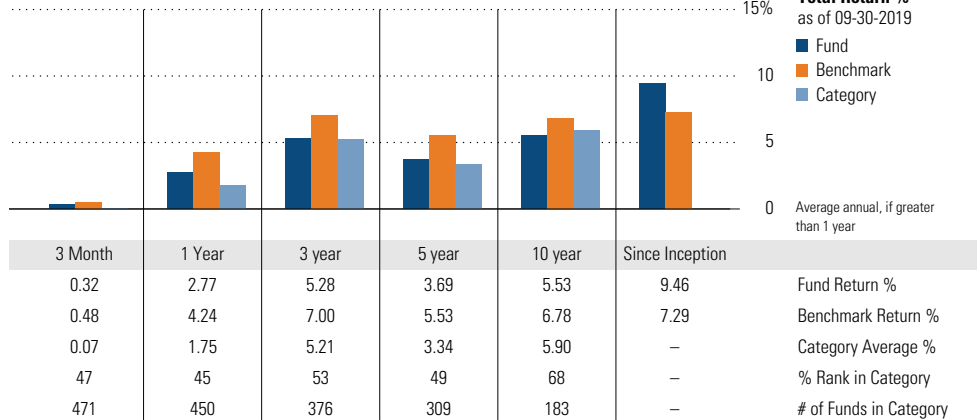
Morningstar Investment Management LLC Analysis

In April 2019, BlackRock named its CIO for global fixed income, Rick Rieder, lead of the global allocation investment team and comanager on this fund alongside Dan Chamby, Russ Koesterich, and David Clayton. It also announced that Chamby, the longest-tenured manager here after the strategy's co-founder Dennis Stattman retired in 2017, would retire by March 2020, while Kent Hogshire, who had been on a leave of absence since July 2018, was leaving the firm. Rieder and the fixed-income team he leads are well regarded, and we do not believe these changes augur any significant alterations to the fund's historical investment approach. Nevertheless, these changes do increase uncertainty around the strategy, so we will keep it on watch as we monitor how it evolves under its new management structure.

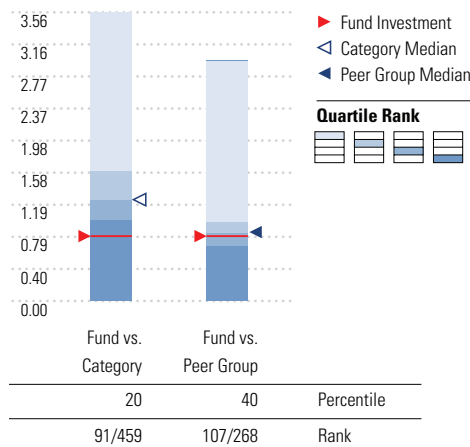
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-1.35	-	-1.83
Beta	0.96	-	1.02
R-Squared	96.78	-	86.55
Standard Deviation	6.86	7.04	7.74
Sharpe Ratio	0.55	0.77	0.49
Tracking Error	1.26	-	2.88
Information Ratio	-1.36	-	-0.72
Up Capture Ratio	84.41	-	90.00
Down Capture Ratio	93.69	-	107.10

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.70	17.30	15.96
Price/Book Ratio	2.26	2.08	1.79
Avg Eff Duration	5.97	7.26	5.97

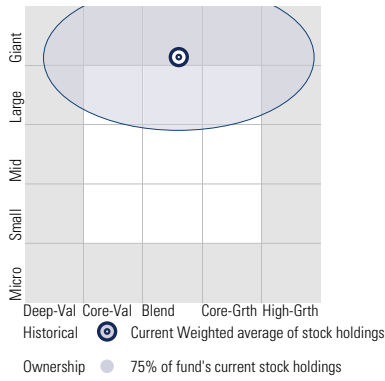
BlackRock Global Allocation Instl MALOX

Morningstar Category
World Allocation

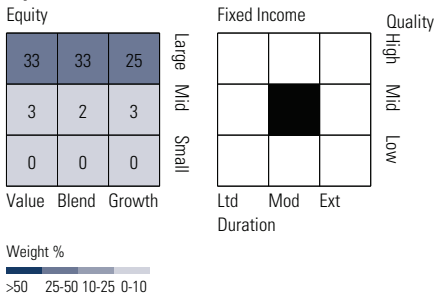
Morningstar Index
Morningstar Gbl Allocation TR USD

Style Analysis as of 09-30-2019

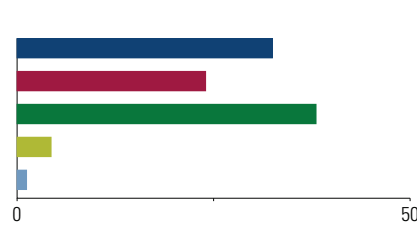
Morningstar Style Box™



Style Breakdown

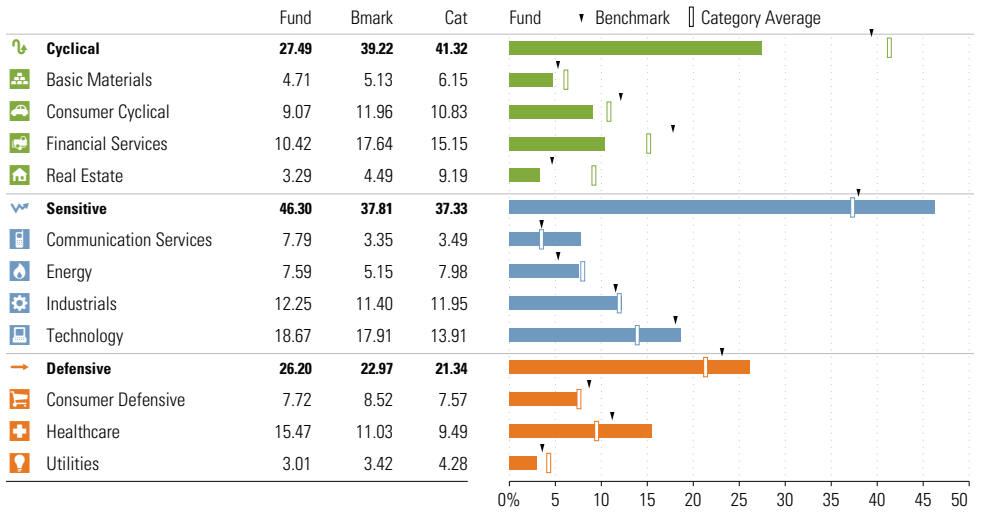


Asset Allocation as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	32.48	28.89
Non-US Stocks	23.98	26.04
Bonds	38.03	28.45
Cash	4.32	9.46
Other	1.20	7.16
Total	100.00	100.00

Sector Weighting as of 09-30-2019



Top 10 Holdings as of 09-30-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ United States Treasury Notes 2.38%	05-2029	8.79	8.79	-	-
⊕ United States Treasury Notes 1.75%	07-2024	2.95	11.74	-	-
⊕ United States Treasury Bills	11-2019	2.55	14.29	-	-
⊕ United States Treasury Notes 0.5%	04-2024	2.50	16.78	-	-
⊖ United States Treasury Notes 2.62%	01-2026	2.24	19.03	-	-
⊕ Alphabet Inc Class C	-	1.71	20.74	17.71	Technology
⊕ Microsoft Corp	-	1.70	22.44	38.24	Technology
⊕ Japan (Government Of) #831 08/13/2019	08-2019	1.52	23.96	-	-
⊖ Apple Inc	-	1.33	25.29	43.43	Technology
⊕ United States Treasury Notes 1.88%	06-2026	1.16	26.44	-	-

Total Holdings 920

⊕ Increase ⊖ Decrease ✨ New to Portfolio

BlackRock Inflation Protected Bond Instl BPRIX

Morningstar Category
Inflation-Protected Bond

Morningstar Index
BBgBarc US Treasury US TIPS TR USD

Portfolio Manager(s)

Christopher Allen since 02-2017
David Rogal since 03-2018

Quantitative Screens

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

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

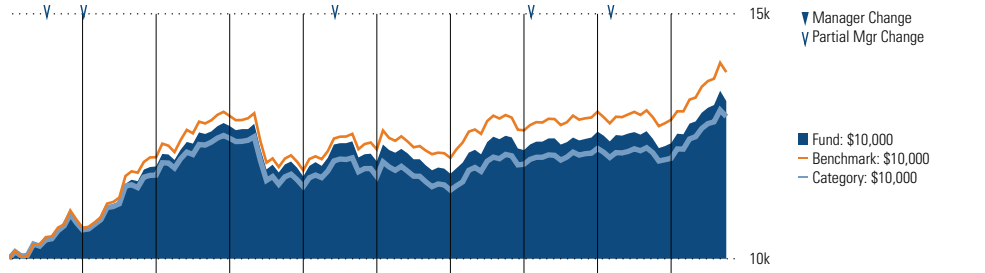
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.5 is 33.33% lower than the Inflation-Protected Bond category average.

Morningstar Investment Management LLC Analysis

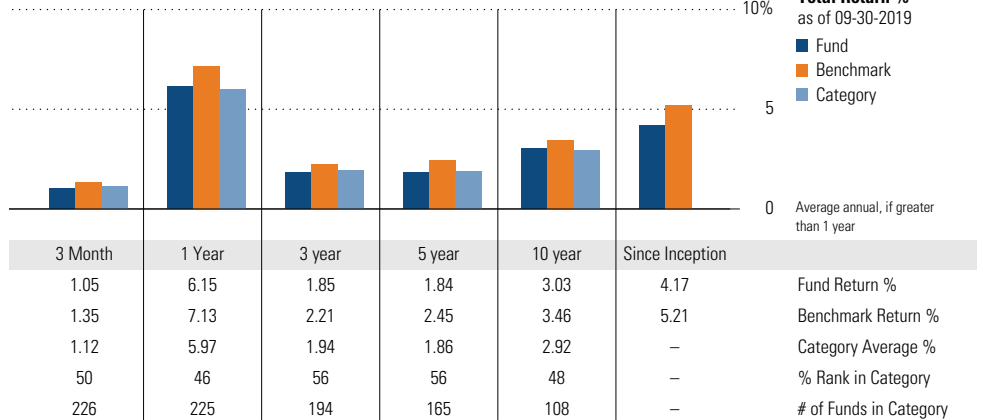
This fund went on watch earlier this year after portfolio manager Martin Hegarty left the firm. His departure followed other turnover on the team in 2017. However, we maintain confidence in the fund due to its solid process and talented underlying resources. Under current portfolio managers David Rogal and Chris Allen, the fund has performed as expected and we believe that they will continue to implement the solid process that has been in place for years.

Growth of \$10,000

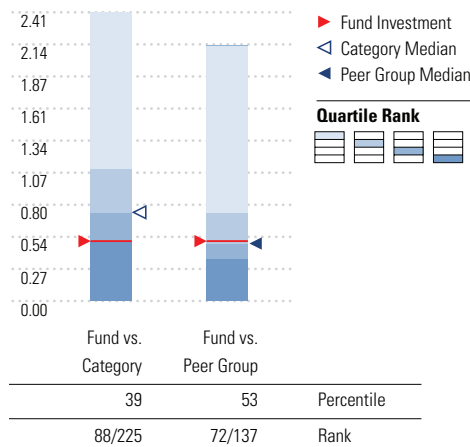


2010	2011	2012	2013	2014	2015	2016	2017	2018	YTD	History
6.23	11.88	6.94	-8.11	2.63	-2.10	4.11	3.09	-1.88	6.96	Total Return %
-0.08	-1.68	-0.04	0.50	-1.01	-0.66	-0.57	0.08	-0.62	-0.62	+/- Benchmark
0.29	0.95	0.49	-0.26	0.83	0.26	-0.48	0.37	-0.24	-0.04	+/- Category
36	51	22	28	39	45	56	31	65	56	Tot Ret % Rank in Cat
108	131	140	154	160	167	189	198	213	226	# of Funds in Cat
213	131	120	86	66	61	7	76	176	-	Turnover %
-	-	0.43	0.44	0.44	0.44	0.36	0.40	0.50	-	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	-0.28	-	0.08
Beta	0.97	-	0.76
R-Squared	98.15	-	82.74
Standard Deviation	3.20	3.28	2.86
Sharpe Ratio	0.09	0.20	0.04
Tracking Error	0.45	-	1.46
Information Ratio	-0.80	-	-0.63
Up Capture Ratio	93.83	-	76.67
Down Capture Ratio	100.13	-	74.77

Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	7.74	4.52	7.65
Avg Eff Maturity	9.33	-	8.87

BlackRock Inflation Protected Bond Instl BPRIX

Morningstar Category
Inflation-Protected Bond

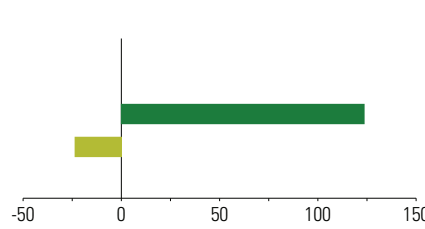
Morningstar Index
BBgBarc US Treasury US TIPS TR USD

Style Analysis as of 09-30-2019

Style Breakdown



Asset Allocation as of 09-30-2019

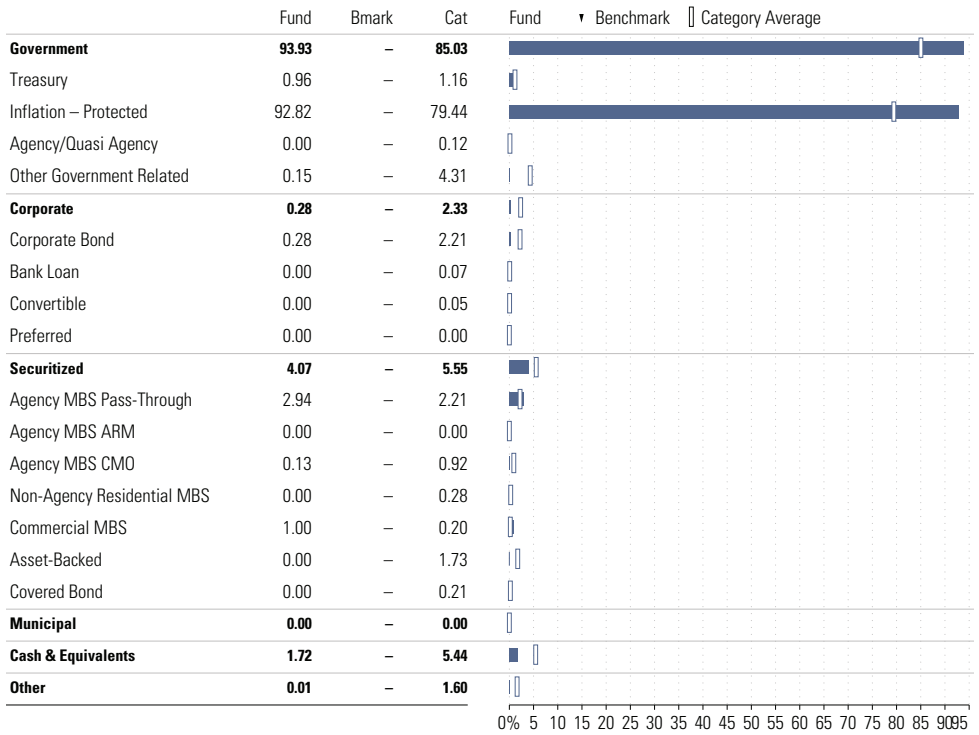


Asset Class	Net %	Cat%
US Stocks	0.00	0.01
Non-US Stocks	0.00	0.01
Bonds	123.53	97.96
Cash	-23.53	1.81
Other	0.00	0.21
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	97.23	0.00	84.12
AA	0.00	99.60	10.37
A	0.24	0.00	0.00
BBB	2.24	0.00	5.26
BB	0.33	0.00	0.00
B	0.00	0.00	0.00
Below B	0.00	0.00	0.00
Not Rated	-0.04	0.40	0.25

Sector Weighting as of 09-30-2019



Top 10 Holdings as of 09-30-2019

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Rrp Treasury (Cpi) Note	-	19.97	19.97	-
⊕ United States Treasury Notes 0.5%	04-2024	19.24	39.21	-
⊖ United States Treasury Notes 0.62%	04-2023	5.79	45.00	-
⊖ Usd Cash(Committed)	-	5.52	50.52	-
⊖ United States Treasury Notes 0.12%	04-2021	3.85	54.38	-
⊖ United States Treasury Notes 0.12%	04-2022	3.76	58.14	-
⊖ United States Treasury Notes 0.62%	01-2024	3.75	61.88	-
⊖ United States Treasury Notes 0.38%	07-2023	3.72	65.60	-
⊖ United States Treasury Notes 0.12%	01-2023	3.69	69.29	-
⊖ United States Treasury Notes 0.12%	07-2022	3.69	72.98	-

Total Holdings 156

⊕ 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 22.24 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.26 is 43.48% 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	1.46	-	1.78
Beta	0.04	-	0.04
R-Squared	25.62	-	22.18
Standard Deviation	0.28	3.35	0.43
Sharpe Ratio	-0.12	0.41	0.72
Tracking Error	3.21	-	3.22
Information Ratio	-0.42	-	-0.31
Up Capture Ratio	19.49	-	22.90
Down Capture Ratio	-14.57	-	-18.90

Portfolio Metrics

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

Federated Government Ultrashrt Dur Instl FGUSX

Morningstar Category
Ultrashort Bond

Morningstar Index
BBgBarc US Agg Bond TR USD

Style Analysis as of 09-30-2019

Style Breakdown



Asset Allocation as of 09-30-2019

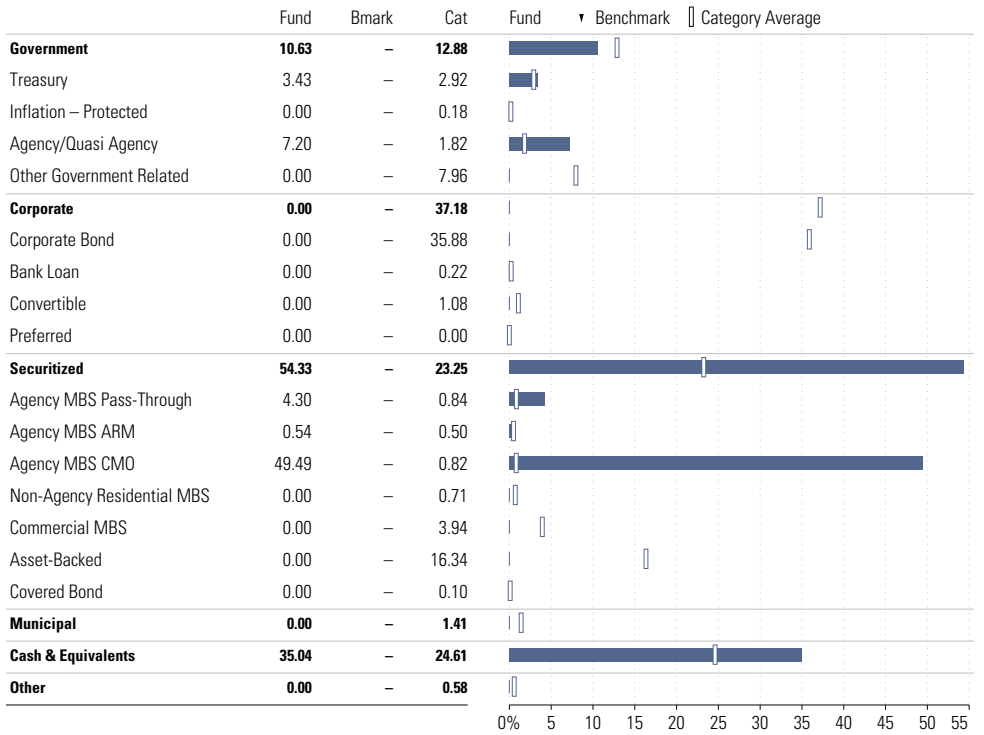


Asset Class	Net %	Cat%
US Stocks	0.00	0.01
Non-US Stocks	0.00	0.00
Bonds	64.96	77.26
Cash	35.04	21.04
Other	0.00	1.69
Total	100.00	100.00

Credit Rating Breakdown

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

Sector Weighting as of 09-30-2019



Top 10 Holdings as of 09-30-2019

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

Total Holdings 199

⊕ Increase ⊖ Decrease ✱ New to Portfolio

JPMorgan Emerging Markets Equity R5 JEMOX

Morningstar Category
Diversified Emerging Mkts

Morningstar Index
MSCI EM NR USD

Portfolio Manager(s)

Austin Forey since 09-2005
Amit Mehta since 02-2013
Leon Eidelman since 02-2013

Quantitative Screens

✔ **Performance:** The fund has finished in the Diversified Emerging Mkts category's top three quartiles in 3 of the 3 years it's been in existence.

✔ **Management:** The fund's management has been in place for 14.09 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 0.89 is 31.01% lower than the Diversified Emerging Mkts category average.

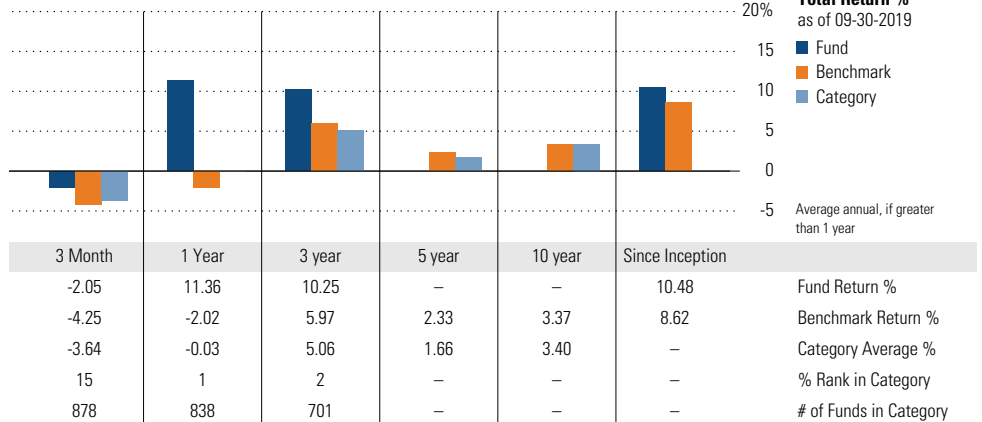
Morningstar Investment Management LLC Analysis

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

Metric	Fund	Bmark	Cat
Alpha	4.03	-	-0.25
Beta	1.01	-	0.92
R-Squared	91.61	-	87.64
Standard Deviation	14.78	14.04	13.77
Sharpe Ratio	0.63	0.37	0.31
Tracking Error	4.28	-	4.83
Information Ratio	1.00	-	-0.18
Up Capture Ratio	117.68	-	92.55
Down Capture Ratio	99.26	-	94.88

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	20.17	12.83	13.52
Price/Book Ratio	3.59	1.54	1.92
Geom Avg Mkt Cap \$B	48.53	29.91	32.68
ROE	20.64	16.19	18.42

JPMorgan Emerging Markets Equity R5 JEMOX

Morningstar Category
Diversified Emerging Mkts

Morningstar Index
MSCI EM NR USD

Style Analysis as of 09-30-2019

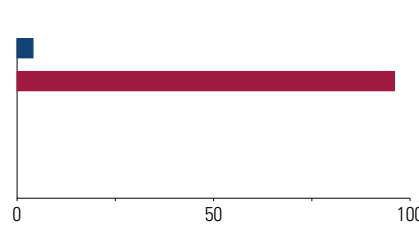
Morningstar Style Box™



Style Breakdown



Asset Allocation as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	4.05	2.32
Non-US Stocks	95.95	95.27
Bonds	0.00	0.46
Cash	0.00	1.63
Other	0.00	0.31
Total	100.00	100.00

Sector Weighting as of 09-30-2019



World Regions % Equity 09-30-2019



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	71.16	68.54	Americas	16.69	15.61	Greater Europe	12.15	15.84	Developed Markets	28.24
Japan	0.00	0.11	North America	4.05	1.60	United Kingdom	0.00	0.91	Emerging Markets	71.76
Australasia	0.00	0.01	Central/Latin	12.64	14.01	W euro-ex UK	1.83	2.13	Not Available	0.00
Asia-4 Tigers	22.36	22.46				Emrgng Europe	5.35	6.36		
Asia-ex 4 Tigers	48.80	45.96				Africa	4.97	6.44		
Not Classified	0.00	0.00								

Top 10 Holdings as of 09-30-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Alibaba Group Holding Ltd ADR	5.29	5.29	22.00	Consumer Cyclical
Taiwan Semiconductor Manufacturing Co Ltd ADR	5.08	10.37	30.25	Technology
Tencent Holdings Ltd	4.60	14.97	5.48	Technology
AIA Group Ltd	4.52	19.49	15.89	Financial Services
Housing Development Finance Corp Ltd	4.14	23.63	1.51	Financial Services
Samsung Electronics Co Ltd	3.66	27.29	-	Technology
Sberbank of Russia PJSC	3.28	30.57	-	Financial Services
HDFC Bank Ltd	2.89	33.47	16.65	Financial Services
Ping An Insurance (Group) Co. of China Ltd Class H	2.83	36.30	33.29	Financial Services
Techtronic Industries Co Ltd	2.01	38.31	33.41	Industrials

Total Holdings 63

⊕ 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 12.51 years.

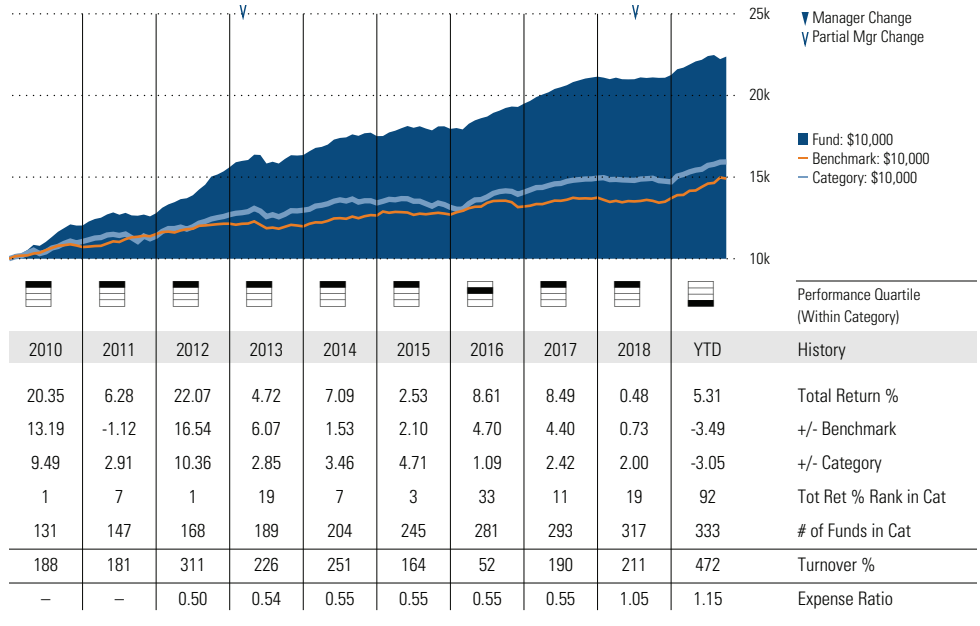
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 1.15 is 7.48% higher than the Multisector Bond category average.

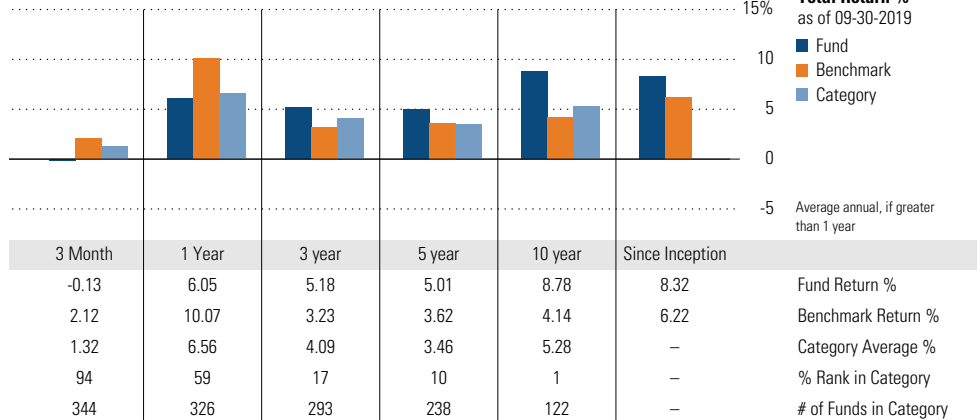
Morningstar Investment Management LLC Analysis

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.

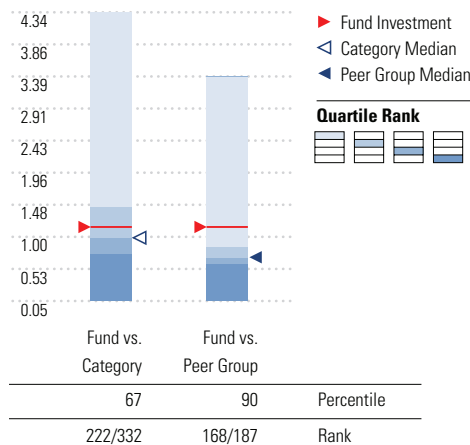
Growth of \$10,000



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

Metric	Fund	Bmark	Cat
Alpha	4.42	-	2.50
Beta	0.21	-	0.50
R-Squared	11.11	-	32.11
Standard Deviation	1.90	3.09	3.00
Sharpe Ratio	1.79	0.54	0.93
Tracking Error	3.04	-	2.99
Information Ratio	0.64	-	0.31
Up Capture Ratio	74.98	-	82.75
Down Capture Ratio	-24.97	-	29.96

Portfolio Metrics

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

PIMCO Income I2 PONPX

Morningstar Category
Multisector Bond

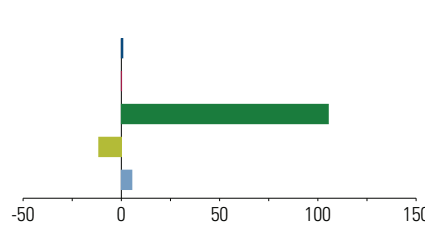
Morningstar Index
BBgBarc US Universal TR USD

Style Analysis as of 09-30-2019

Style Breakdown



Asset Allocation as of 09-30-2019



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

Credit Rating Breakdown

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

Sector Weighting as of 09-30-2019

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

Top 10 Holdings as of 09-30-2019

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

Total Holdings 7621

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard 500 Index Admiral VFIAX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

Portfolio Manager(s)

Donald Butler since 04-2016
Michelle Louie since 11-2017

Quantitative Screens

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

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

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

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

Morningstar Investment Management LLC Analysis

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

Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.03	-	-1.24
Beta	1.00	-	0.96
R-Squared	100.00	-	93.99
Standard Deviation	12.18	12.18	12.01
Sharpe Ratio	0.96	0.96	0.84
Tracking Error	0.01	-	2.98
Information Ratio	-4.03	-	-1.29
Up Capture Ratio	99.88	-	91.29
Down Capture Ratio	100.05	-	97.85

Portfolio Metrics

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

Vanguard 500 Index Admiral VFIAX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

Style Analysis as of 09-30-2019

Morningstar Style Box™



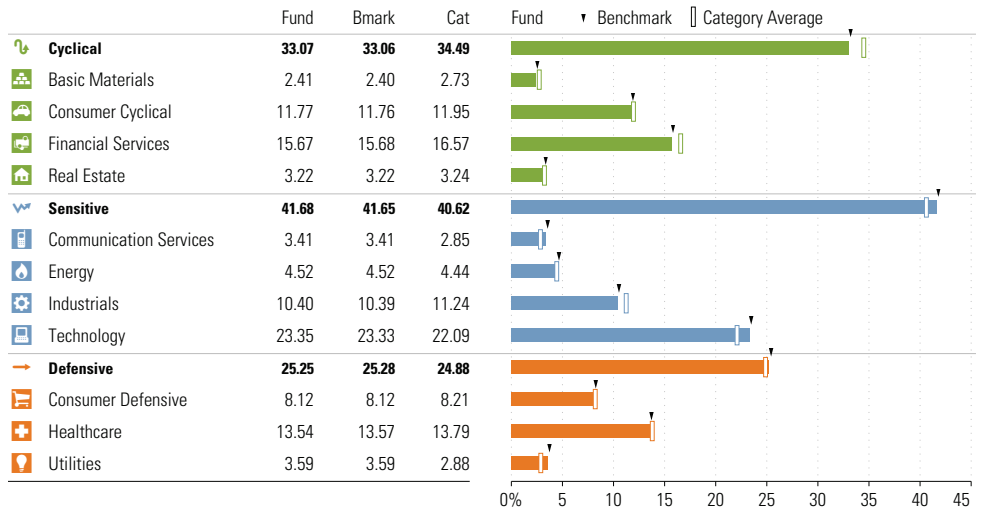
Style Breakdown



Asset Allocation as of 09-30-2019



Sector Weighting as of 09-30-2019



Top 15 Holdings as of 09-30-2019

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

Total Holdings 516

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Developed Markets Index Admiral VTMGX

Morningstar Category
Foreign Large Blend

Morningstar Index
MSCI ACWI Ex USA NR USD

Portfolio Manager(s)

Christine Franquin since 02-2013

Michael Perre since 11-2017

Quantitative Screens

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

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

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

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

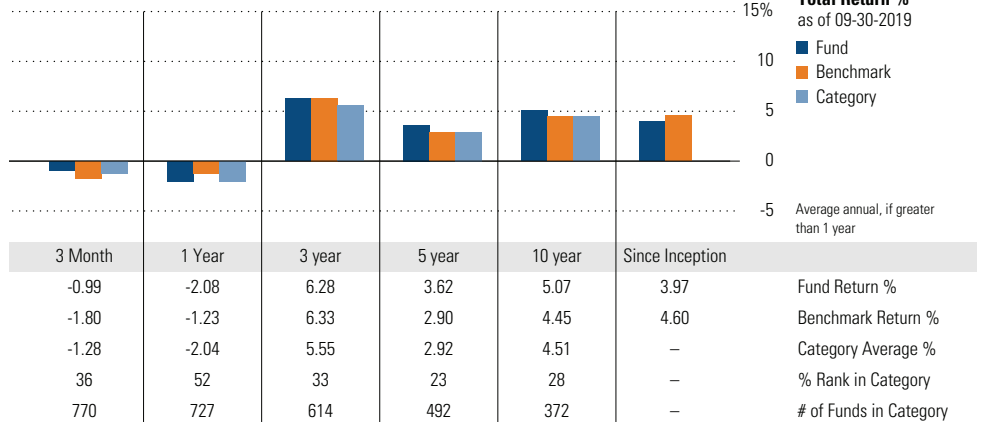
Morningstar Investment Management LLC Analysis

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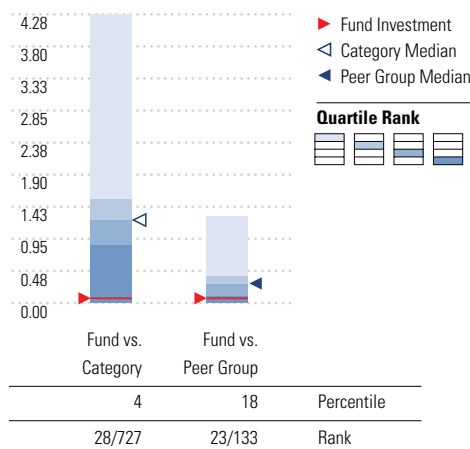
Growth of \$10,000



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

Portfolio Metrics

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

Vanguard Developed Markets Index Admiral VTMGX

Morningstar Category
Foreign Large Blend

Morningstar Index
MSCI ACWI Ex USA NR USD

Style Analysis as of 09-30-2019

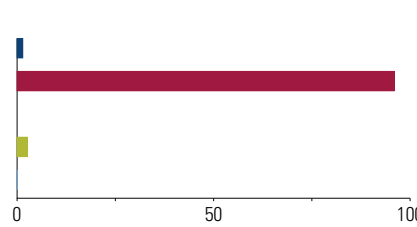
Morningstar Style Box™



Style Breakdown

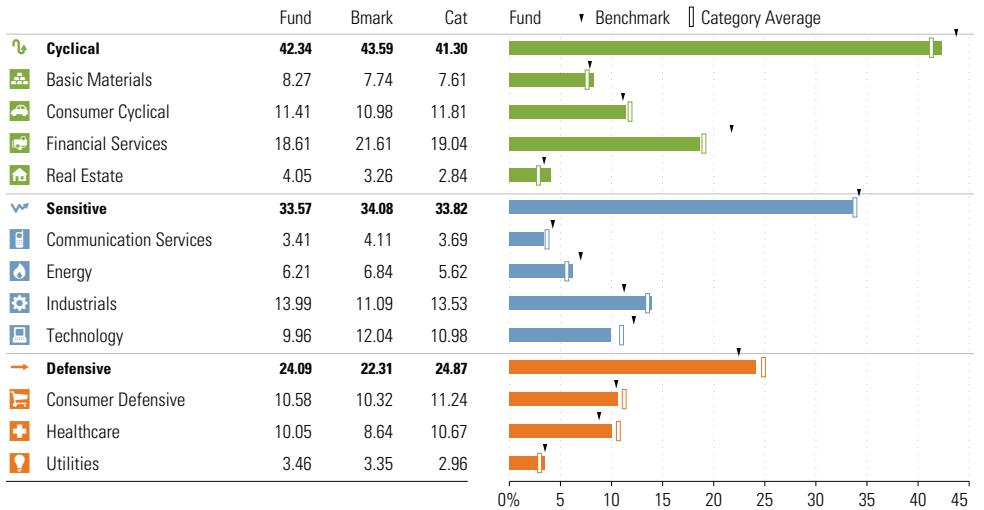


Asset Allocation as of 09-30-2019



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

Sector Weighting as of 09-30-2019



World Regions % Equity 09-30-2019



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

Top 10 Holdings as of 09-30-2019

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

Total Holdings 3951

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard Growth Index Admiral VIGAX

Morningstar Category
Large Growth

Morningstar Index
Russell 1000 Growth TR USD

Portfolio Manager(s)

Gerard O'Reilly since 12-1994

Walter Nejman since 04-2016

Quantitative Screens

✔ **Performance:** The fund has finished in the 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 24.76 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 0.05 is 95.19% lower than the Large Growth category average.

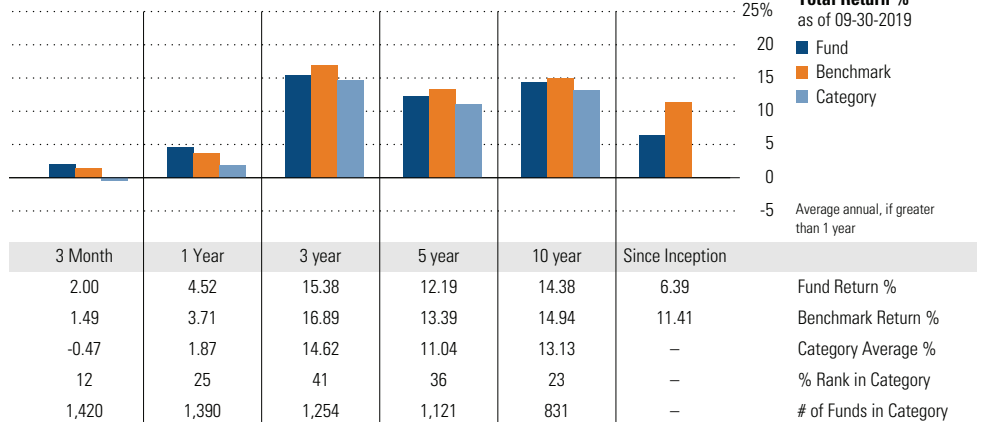
Morningstar Investment Management LLC Analysis

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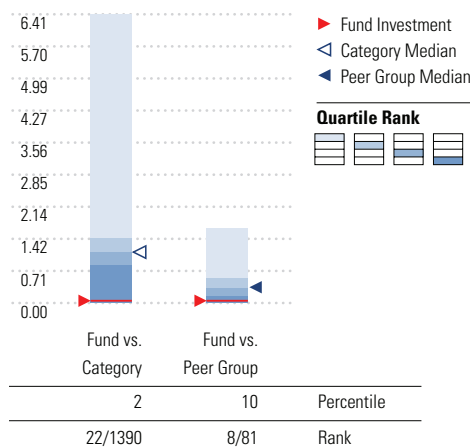
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-1.22	-	-1.63
Beta	0.99	-	0.99
R-Squared	99.18	-	91.12
Standard Deviation	13.27	13.30	13.80
Sharpe Ratio	1.03	1.12	0.96
Tracking Error	1.21	-	4.12
Information Ratio	-1.25	-	-0.65
Up Capture Ratio	95.60	-	92.49
Down Capture Ratio	101.15	-	99.37

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	28.08	25.98	26.42
Price/Book Ratio	6.36	7.55	6.09
Geom Avg Mkt Cap \$B	130.42	125.13	169.04
ROE	32.10	34.85	29.93

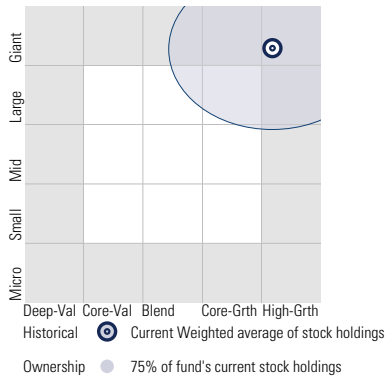
Vanguard Growth Index Admiral VIGAX

Morningstar Category
Large Growth

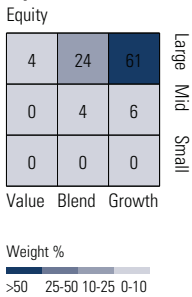
Morningstar Index
Russell 1000 Growth TR USD

Style Analysis as of 09-30-2019

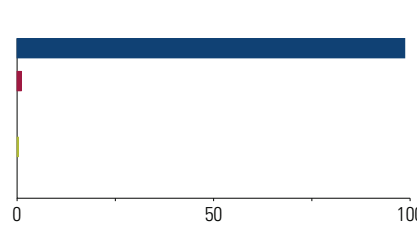
Morningstar Style Box™



Style Breakdown

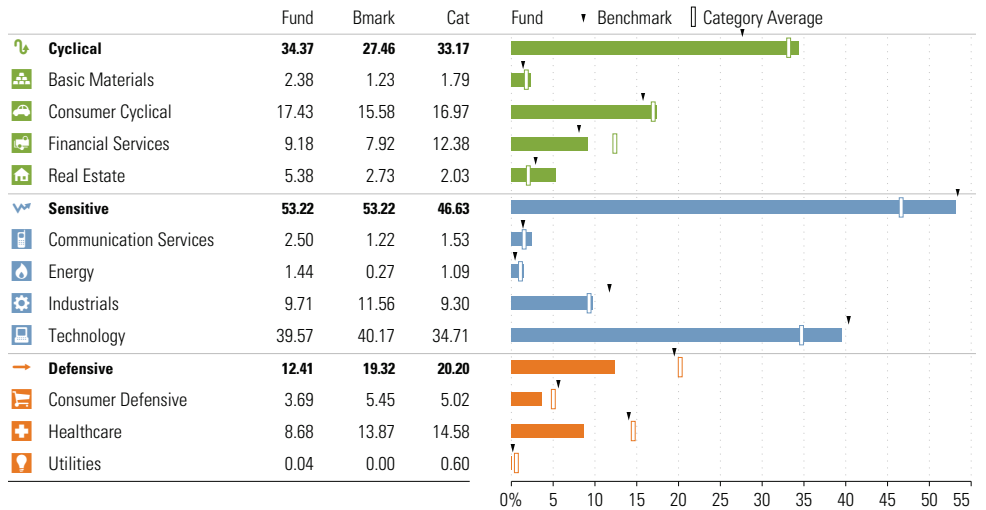


Asset Allocation as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	98.63	91.88
Non-US Stocks	1.03	5.58
Bonds	0.00	0.04
Cash	0.34	2.07
Other	0.00	0.45
Total	100.00	100.00

Sector Weighting as of 09-30-2019



Top 15 Holdings as of 09-30-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Microsoft Corp	8.47	8.47	38.24	Technology
⊕ Apple Inc	7.27	15.75	43.43	Technology
⊕ Amazon.com Inc	5.83	21.57	15.58	Consumer Cyclical
⊕ Facebook Inc A	3.42	24.99	35.85	Technology
⊕ Alphabet Inc A	2.92	27.91	16.86	Technology
⊕ Alphabet Inc Class C	2.87	30.79	17.71	Technology
⊕ Visa Inc Class A	2.37	33.16	30.94	Financial Services
⊕ The Home Depot Inc	2.03	35.19	37.41	Consumer Cyclical
⊕ Mastercard Inc A	1.96	37.15	44.48	Financial Services
⊕ Comcast Corp Class A	1.63	38.78	33.63	Communication Svc
⊕ Boeing Co	1.62	40.40	19.89	Industrials
⊕ McDonald's Corp	1.30	41.70	22.88	Consumer Cyclical
⊕ Adobe Inc	1.07	42.77	22.10	Technology
⊕ Costco Wholesale Corp	1.01	43.79	42.35	Consumer Defensive
⊕ Salesforce.com Inc	0.99	44.77	8.37	Technology

Total Holdings 283

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Inter-Term Bond Index Adm VBILX

Morningstar Category
Intermediate Core Bond

Morningstar Index
BBgBarc US Agg Bond TR USD

Portfolio Manager(s)

Joshua Barrickman since 04-2008

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 11.44 years.

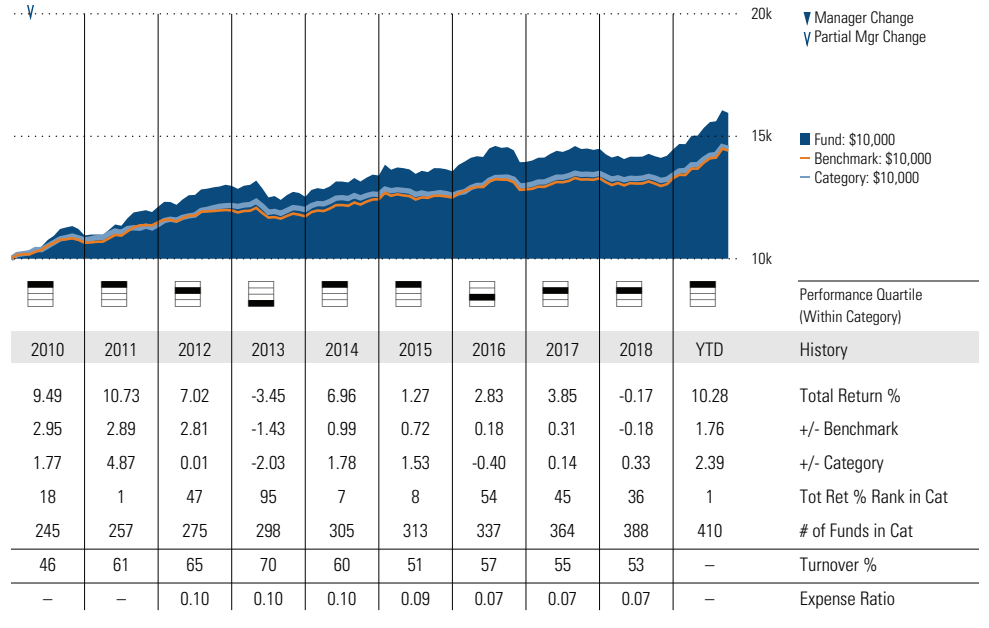
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.07 is 89.39% lower than the Intermediate Core Bond category average.

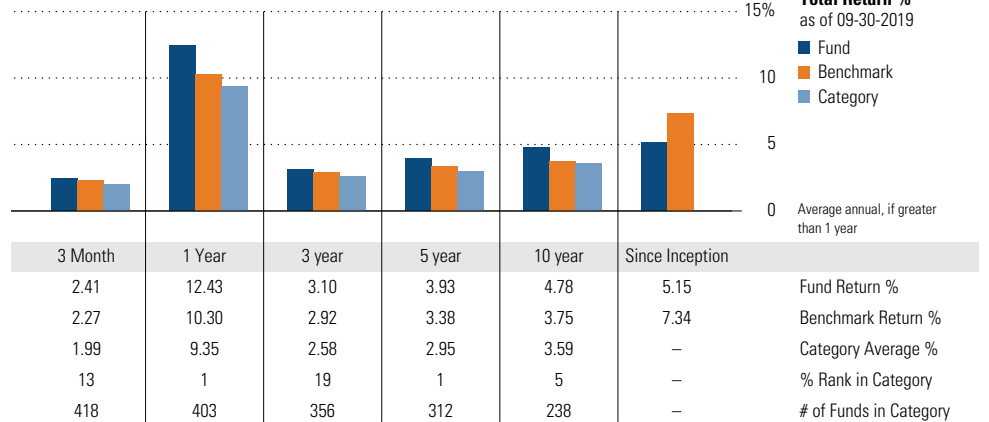
Morningstar Investment Management LLC Analysis

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

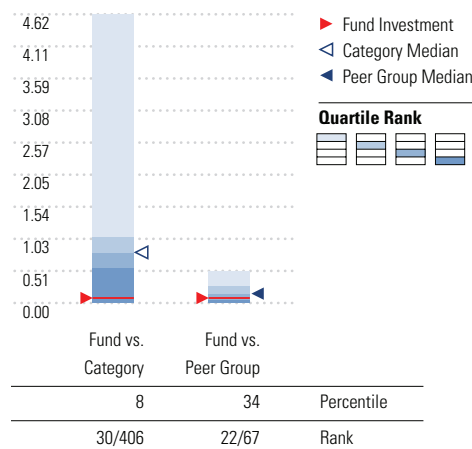
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.39	-	-0.10
Beta	1.20	-	0.92
R-Squared	97.42	-	95.86
Standard Deviation	4.07	3.35	3.12
Sharpe Ratio	0.38	0.41	0.31
Tracking Error	0.93	-	0.66
Information Ratio	0.19	-	-0.69
Up Capture Ratio	115.94	-	90.62
Down Capture Ratio	125.46	-	93.22

Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	6.34	4.43	5.41
Avg Eff Maturity	7.30	-	7.00

Vanguard Interm-Term Bond Index Adm VBILX

Morningstar Category
Intermediate Core Bond

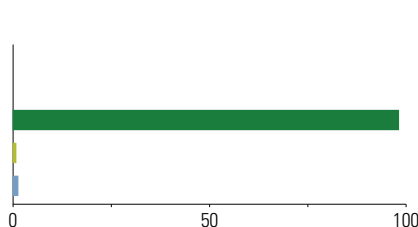
Morningstar Index
BBgBarc US Agg Bond TR USD

Style Analysis as of 09-30-2019

Style Breakdown



Asset Allocation as of 09-30-2019

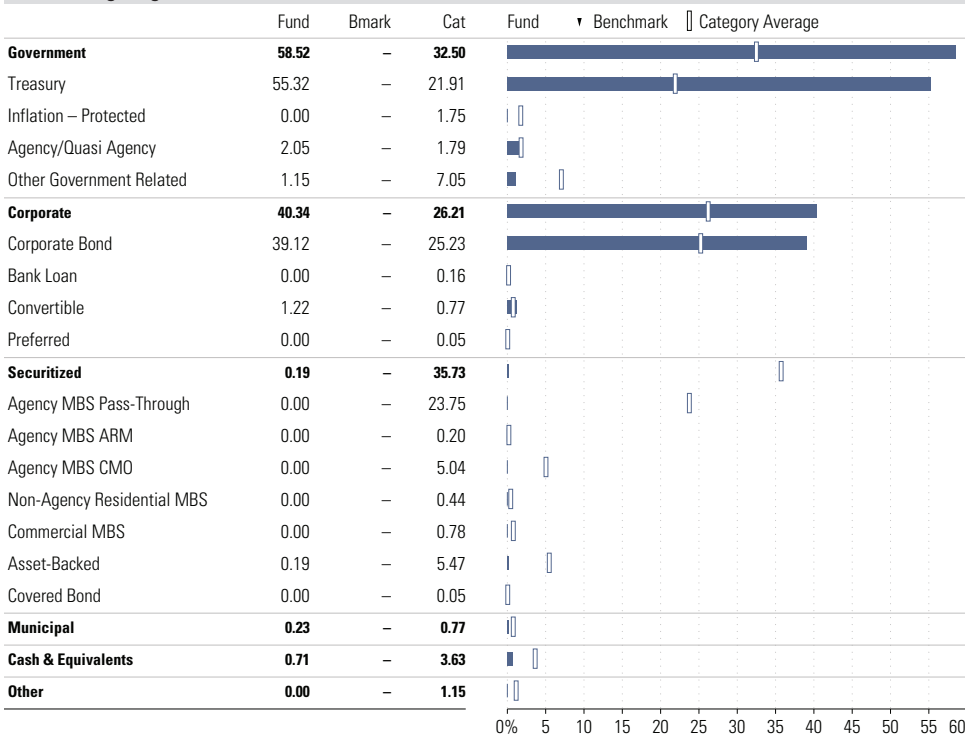


Asset Class	Net %	Cat%
US Stocks	0.00	-0.15
Non-US Stocks	0.00	0.00
Bonds	98.08	100.71
Cash	0.71	-2.35
Other	1.22	1.79
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	56.35	3.53	41.28
AA	2.82	74.59	12.11
A	16.26	10.82	25.80
BBB	24.57	8.32	15.44
BB	0.00	0.28	3.70
B	0.00	0.00	0.74
Below B	0.00	0.00	0.35
Not Rated	0.00	2.46	0.58

Sector Weighting as of 09-30-2019



Top 10 Holdings as of 09-30-2019

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Notes 3.12%	11-2028	2.56	2.56	-
United States Treasury Notes 1.62%	02-2026	2.25	4.81	-
United States Treasury Notes 2.38%	05-2029	2.12	6.92	-
United States Treasury Notes 2.25%	02-2027	2.07	8.99	-
United States Treasury Notes 2.62%	02-2029	2.01	11.01	-
⊕ United States Treasury Notes 1.62%	05-2026	1.91	12.91	-
⊕ United States Treasury Notes 2.88%	08-2028	1.88	14.79	-
United States Treasury Notes 2.38%	05-2027	1.86	16.65	-
United States Treasury Notes 2.88%	05-2028	1.77	18.43	-
⊖ United States Treasury Notes 2%	11-2026	1.77	20.20	-

Total Holdings 1861

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard Mid Cap Index Admiral VIMAX

Morningstar Category

Mid-Cap Blend

Morningstar Index

Russell Mid Cap TR USD

Portfolio Manager(s)

Donald Butler since 05-1998

Michael Johnson since 04-2016

Quantitative Screens

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

Management: The fund's management has been in place for 21.38 years.

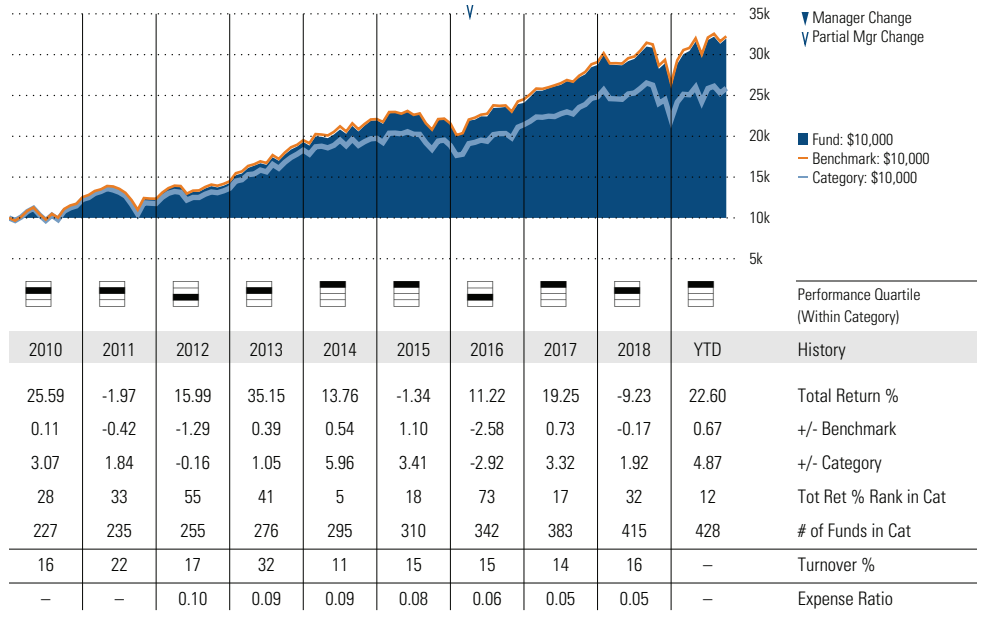
Style: The fund has landed in its primary style box — Mid-Cap Blend — 94.29 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.05 is 95% lower than the Mid-Cap Blend category average.

Morningstar Investment Management LLC Analysis

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

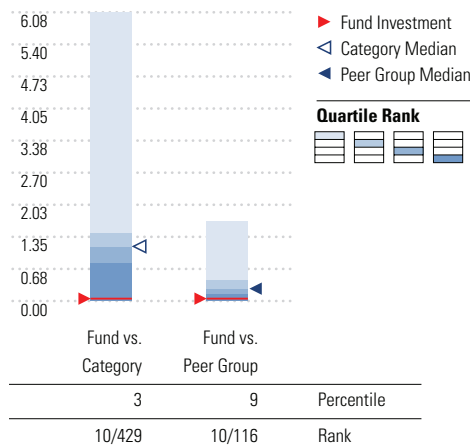
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.11	-	-2.34
Beta	0.99	-	1.03
R-Squared	99.37	-	91.67
Standard Deviation	13.30	13.44	14.43
Sharpe Ratio	0.71	0.70	0.52
Tracking Error	1.07	-	4.23
Information Ratio	-0.02	-	-0.60
Up Capture Ratio	98.56	-	94.31
Down Capture Ratio	97.63	-	106.97

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	20.80	19.79	20.13
Price/Book Ratio	2.66	2.54	2.35
Geom Avg Mkt Cap \$B	15.82	13.51	8.23
ROE	15.42	16.12	14.43

Vanguard Mid Cap Index Admiral VIMAX

Morningstar Category

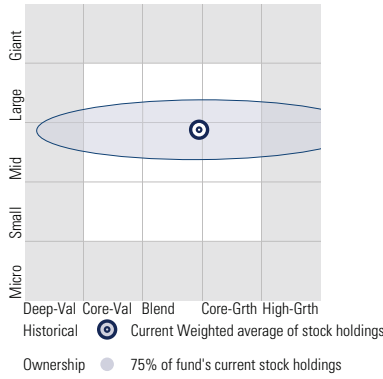
Mid-Cap Blend

Morningstar Index

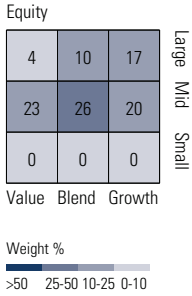
Russell Mid Cap TR USD

Style Analysis as of 09-30-2019

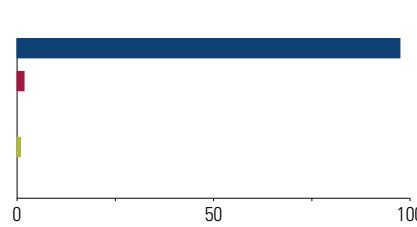
Morningstar Style Box™



Style Breakdown

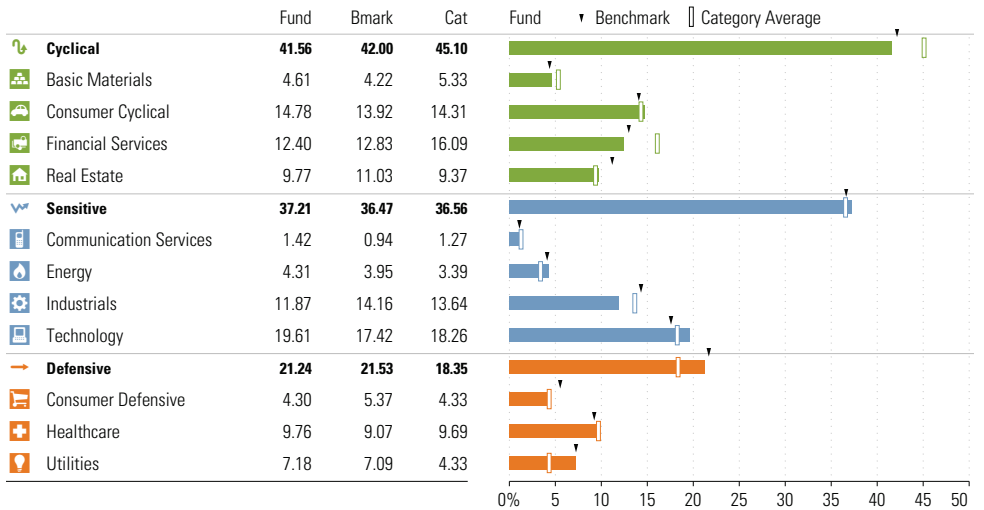


Asset Allocation as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	97.41	95.01
Non-US Stocks	1.77	2.15
Bonds	0.00	0.15
Cash	0.81	2.28
Other	0.00	0.40
Total	100.00	100.00

Sector Weighting as of 09-30-2019



Top 15 Holdings as of 09-30-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Cmt Market Liquidity Rate	0.79	0.79	-	-
⊕ Advanced Micro Devices Inc	0.75	1.54	57.04	Technology
⊕ Newmont Goldcorp Corp	0.74	2.29	13.19	Basic Materials
⊕ ONEOK Inc	0.73	3.01	41.44	Energy
⊕ Twitter Inc	0.72	3.73	43.35	Technology
⊕ WEC Energy Group Inc	0.71	4.45	39.86	Utilities
⊕ Amphenol Corp Class A	0.68	5.13	19.98	Technology
⊕ Motorola Solutions Inc	0.67	5.80	49.62	Technology
⊕ Eversource Energy	0.66	6.46	33.88	Utilities
⊕ SBA Communications Corp	0.65	7.11	49.19	Real Estate
⊕ Dollar Tree Inc	0.65	7.76	26.40	Consumer Defensive
⊕ Digital Realty Trust Inc	0.64	8.40	24.87	Real Estate
⊕ TransDigm Group Inc	0.63	9.03	61.93	Industrials
⊕ IQVIA Holdings Inc	0.63	9.66	28.59	Healthcare
⊕ FirstEnergy Corp	0.61	10.27	31.48	Utilities

Total Holdings 368

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Real Estate Index Admiral VGSLX

Morningstar Category
Real Estate

Morningstar Index
S&P United States REIT TR USD

Portfolio Manager(s)

Gerard O'Reilly since 05-1996

Walter Nejman since 05-2016

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 23.4 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.11 is 90.35% lower than the Real Estate category average.

Morningstar Investment Management LLC Analysis

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

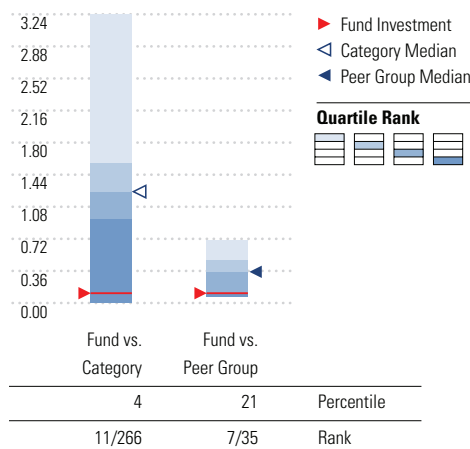
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

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

Portfolio Metrics

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

Vanguard Real Estate Index Admiral VGSLX

Morningstar Category
Real Estate

Morningstar Index
S&P United States REIT TR USD

Style Analysis as of 09-30-2019

Morningstar Style Box™



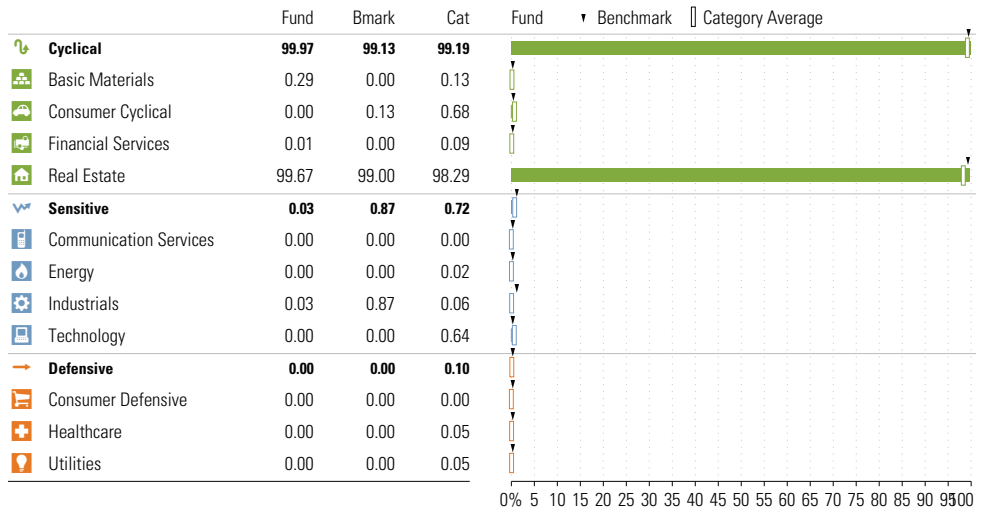
Style Breakdown



Asset Allocation as of 09-30-2019



Sector Weighting as of 09-30-2019



Top 15 Holdings as of 09-30-2019

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

Total Holdings 185

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Small Cap Growth Index Admiral VSGAX

Morningstar Category
Small Growth

Morningstar Index
Russell 2000 Growth TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

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

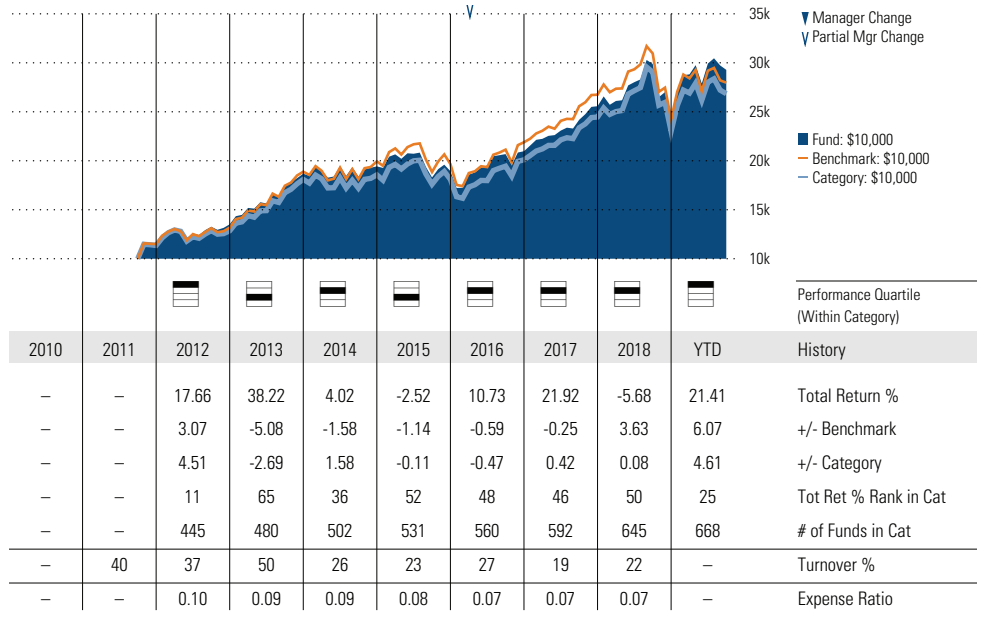
✘ **Style:** The fund has landed in its primary style box — Small Growth — 45.71 % of the time over the past three years.

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

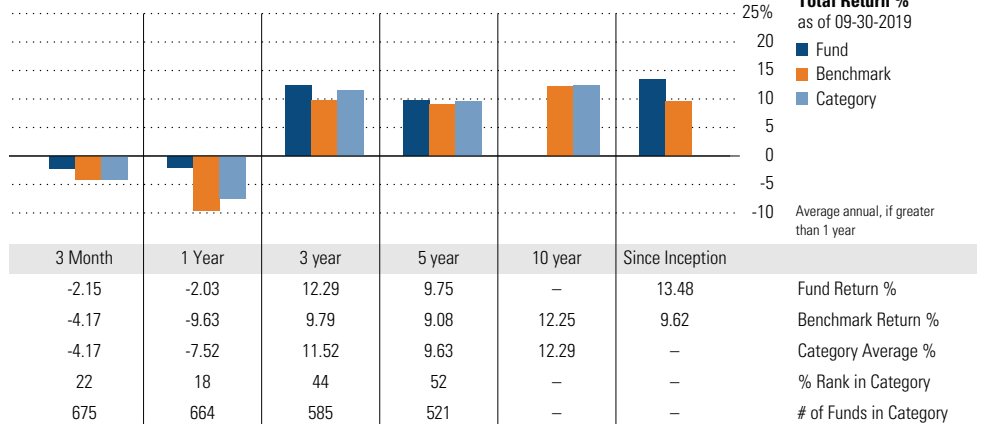
Morningstar Investment Management LLC Analysis

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

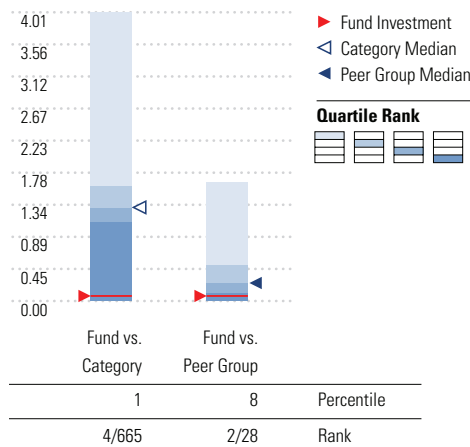
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

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

Portfolio Metrics

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

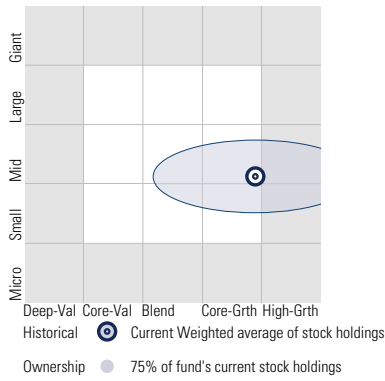
Vanguard Small Cap Growth Index Admiral VSGAX

Morningstar Category
Small Growth

Morningstar Index
Russell 2000 Growth TR USD

Style Analysis as of 09-30-2019

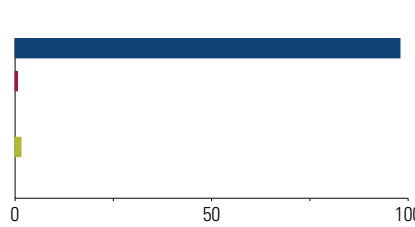
Morningstar Style Box™



Style Breakdown

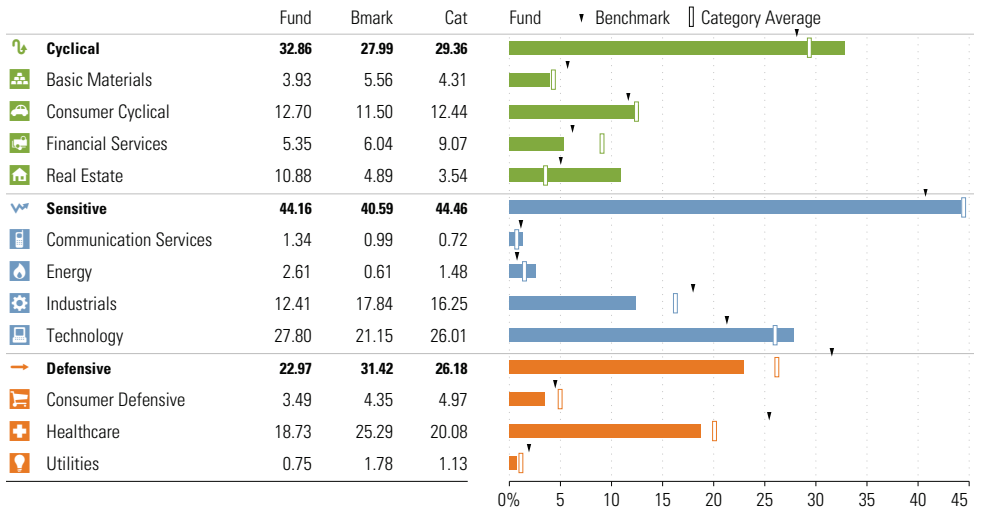


Asset Allocation as of 09-30-2019



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

Sector Weighting as of 09-30-2019



Top 15 Holdings as of 09-30-2019

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

Total Holdings 625

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Small Cap Value Index Admiral VSIAX

Morningstar Category
Small Value

Morningstar Index
Russell 2000 Value TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

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

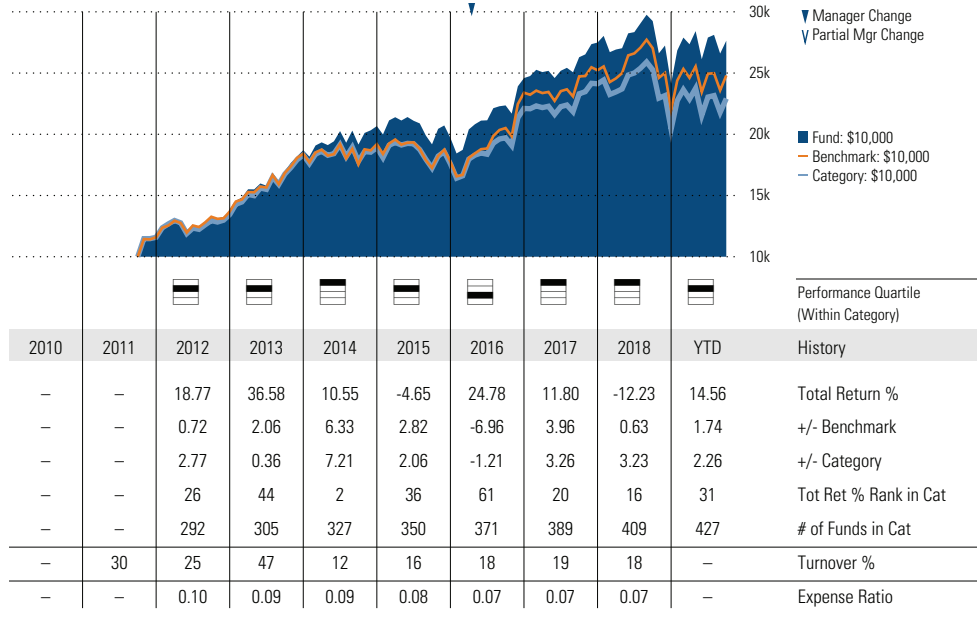
✘ **Style:** The fund has landed in its primary style box — Small Value — 57.14 % of the time over the past three years.

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

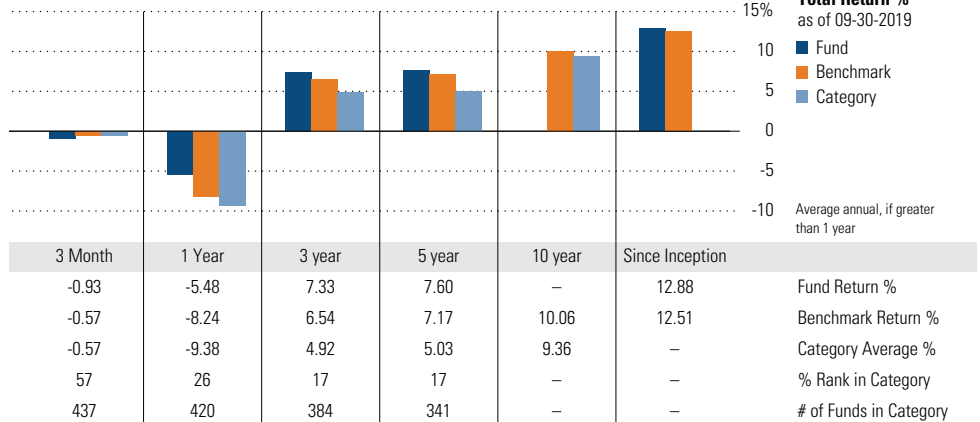
Morningstar Investment Management LLC Analysis

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

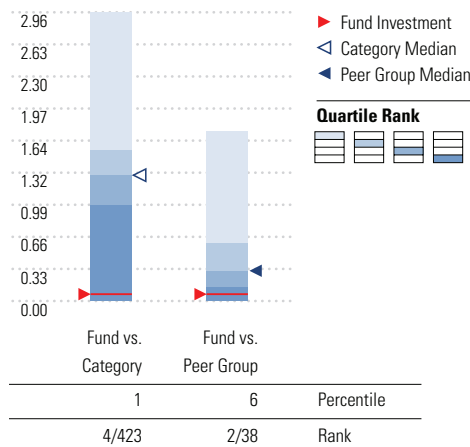
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

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

Portfolio Metrics

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

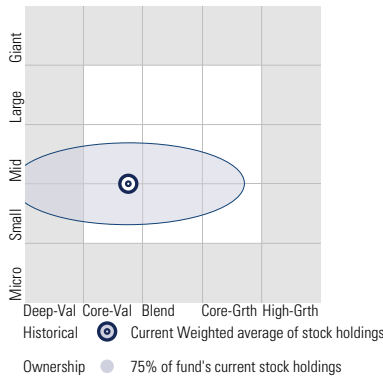
Vanguard Small Cap Value Index Admiral VSIAX

Morningstar Category
Small Value

Morningstar Index
Russell 2000 Value TR USD

Style Analysis as of 09-30-2019

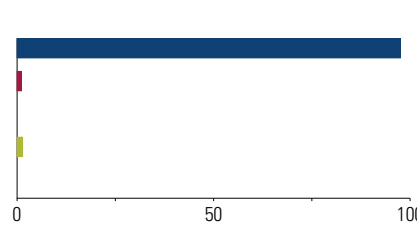
Morningstar Style Box™



Style Breakdown

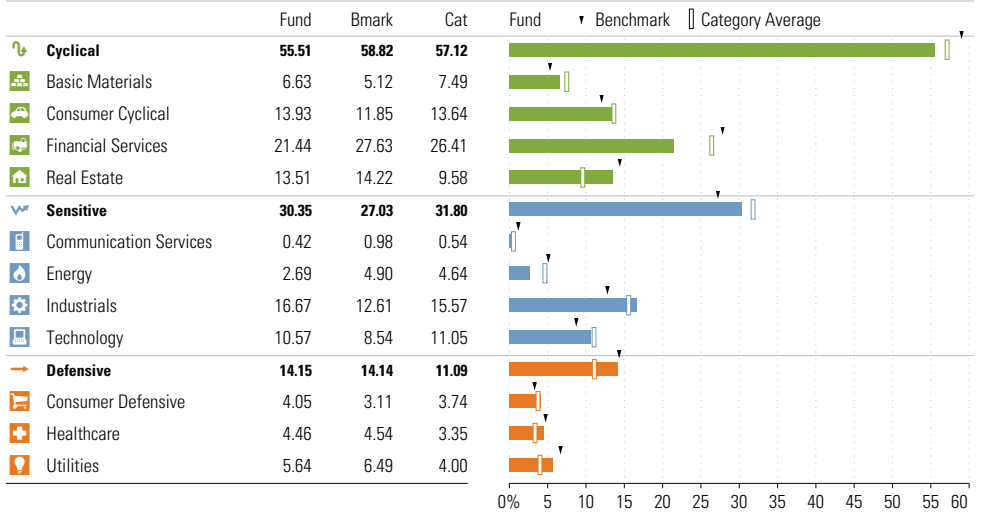


Asset Allocation as of 09-30-2019



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

Sector Weighting as of 09-30-2019



Top 15 Holdings as of 09-30-2019

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

Total Holdings 862

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Value Index Adm VVIAX

Morningstar Category
Large Value

Morningstar Index
Russell 1000 Value TR USD

Portfolio Manager(s)

Gerard O'Reilly since 12-1994

Walter Nejman since 04-2016

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 24.76 years.

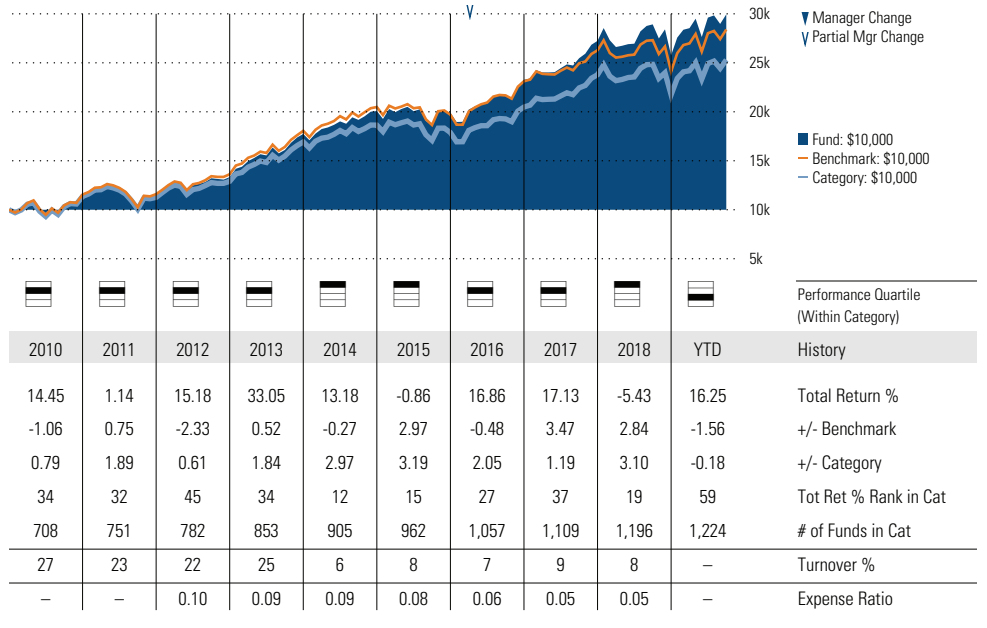
✔ **Style:** The fund has landed in its primary style box — Large Value — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.05 is 94.74% lower than the Large Value category average.

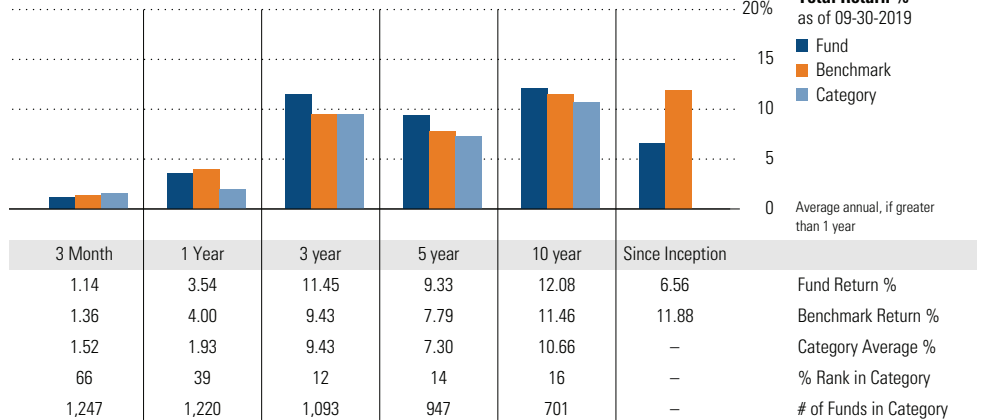
Morningstar Investment Management LLC Analysis

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

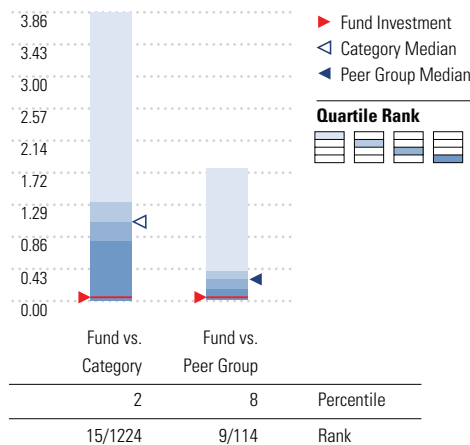
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.97	-	0.11
Beta	0.99	-	0.99
R-Squared	98.89	-	93.32
Standard Deviation	12.24	12.34	12.62
Sharpe Ratio	0.82	0.66	0.66
Tracking Error	1.30	-	3.38
Information Ratio	1.55	-	0.01
Up Capture Ratio	105.87	-	98.55
Down Capture Ratio	94.91	-	98.00

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	16.17	16.49	16.18
Price/Book Ratio	2.20	1.94	2.22
Geom Avg Mkt Cap \$B	85.59	58.19	107.83
ROE	19.29	14.48	20.08

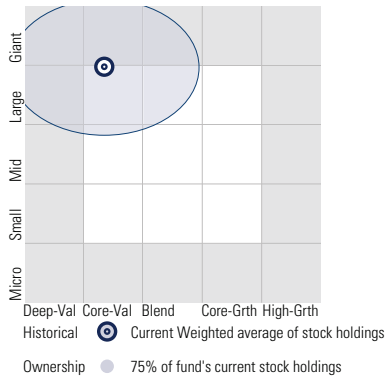
Vanguard Value Index Adm VVIAX

Morningstar Category
Large Value

Morningstar Index
Russell 1000 Value TR USD

Style Analysis as of 09-30-2019

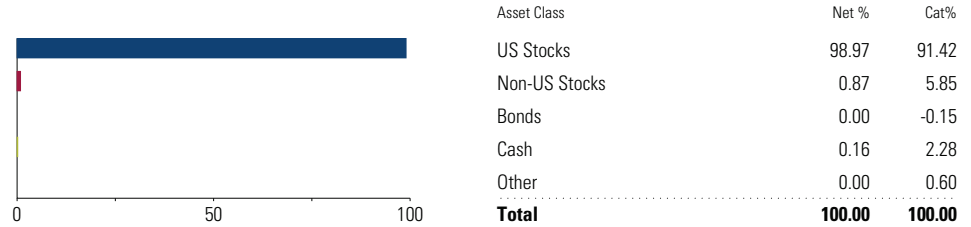
Morningstar Style Box™



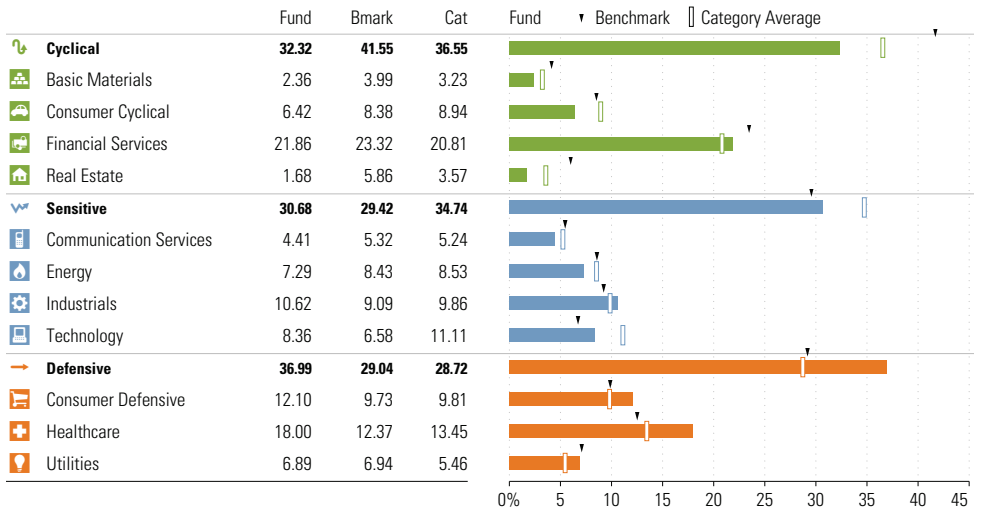
Style Breakdown



Asset Allocation as of 09-30-2019



Sector Weighting as of 09-30-2019



Top 15 Holdings as of 09-30-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Berkshire Hathaway Inc B	3.14	3.14	1.88	Financial Services
⊖ JPMorgan Chase & Co	2.76	5.90	23.02	Financial Services
⊖ Johnson & Johnson	2.64	8.54	2.43	Healthcare
⊖ Procter & Gamble Co	2.41	10.95	37.72	Consumer Defensive
⊖ Exxon Mobil Corp	2.31	13.26	7.30	Energy
⊖ AT&T Inc	2.14	15.39	37.95	Communication Svc
⊖ Verizon Communications Inc	1.93	17.32	10.58	Communication Svc
⊖ Bank of America Corporation	1.89	19.21	20.33	Financial Services
⊕ The Walt Disney Co	1.81	21.02	19.65	Consumer Cyclical
⊖ Intel Corp	1.76	22.79	11.82	Technology
⊖ Chevron Corp	1.74	24.53	12.30	Energy
⊖ Merck & Co Inc	1.67	26.19	12.33	Healthcare
⊖ Cisco Systems Inc	1.63	27.83	16.41	Technology
⊖ Coca-Cola Co	1.62	29.45	17.51	Consumer Defensive
⊖ UnitedHealth Group Inc	1.59	31.04	-11.54	Healthcare

Total Holdings 340

⊕ Increase ⊖ Decrease ✨ New to Portfolio