American Funds American Balanced R6 RLBGX

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

Fauity

Morningstar Mod Tgt Risk TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

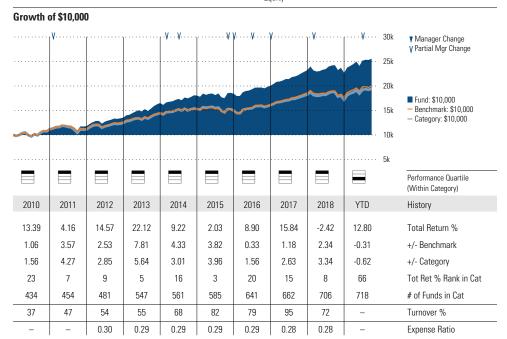
Management: The fund's management has been in place for 20.76 years.

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

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

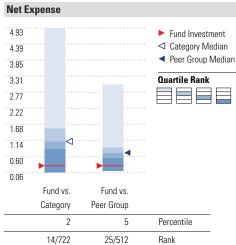
Morningstar Investment Management LLC Analysis

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





3-Year Risk Metrics



	Fund	Bmark	Cat
Alpha	1.55	-	-0.84
Beta	1.00	-	1.07
R-Squared	95.22	-	91.79
Standard Deviation	6.98	6.80	7.65
Sharpe Ratio	1.05	0.85	0.73
Tracking Error	1.53	-	2.29
Information Ratio	1.09	-	-0.21
Up Capture Ratio	109.21	-	102.61
Down Capture Ratio	94.19	_	111.49

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





American Funds American Balanced R6 RLBGX

Morningstar Category Allocation--50% to 70%

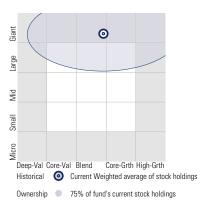
Equity

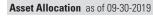
Morningstar Index

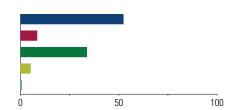
Morningstar Mod Tgt Risk TR USD

Style Analysis as of 09-30-2019

Morningstar Style Box^{TM}







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

Style	Break	down

Equity





3	2	∕lid			
0	0	Small			
nd	Growth		Ltd	Mod	Ext
			Duratio	n	

Weight %

>50 25-50 10-25 0-10

		Fund	Bmark	Cat	Fun	d '	Bench	mark	Cate	gory Ave	rage		
b	Cyclical	33.45	42.06	36.28									
	Basic Materials	5.24	4.95	3.86									
	Consumer Cyclical	9.94	11.14	11.19									
ê	Financial Services	13.62	17.57	16.90									
b	Real Estate	4.65	8.40	4.33			•					į	
NF	Sensitive	43.65	34.58	38.84		_						'.	
	Communication Services	3.68	3.33	2.81		()							
•	Energy	5.69	5.23	5.09									
þ	Industrials	9.12	11.14	10.96									
2	Technology	25.16	14.88	19.98				•					
+	Defensive	22.91	23.36	24.88						[
Ę	Consumer Defensive	7.55	8.77	7.84									
1	Healthcare	14.30	10.28	13.53									
?	Utilities	1.06	4.31	3.51									

Top 10 Holdings as of 09-30-2019					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	_	5.20	5.20	_	_
	-	4.40	9.60	38.24	Technology
	-	2.39	11.99	37.41	Consumer Cyclical
─ UnitedHealth Group Inc	_	2.36	14.35	-11.54	Healthcare
⊖ Berkshire Hathaway Inc A	_	1.72	16.07	1.91	Financial Services
⊕ Taiwan Semiconductor Manufacturing Co Ltd ADR	_	1.54	17.60	30.25	Technology
⊕ Boeing Co	_	1.51	19.11	19.89	Industrials
⊕ Broadcom Inc	_	1.39	20.50	11.70	Technology
⊕ Philip Morris International Inc	_	1.37	21.87	18.90	Consumer Defensive
⊕ Intel Corp	_	1.32	23.19	11.82	Technology

Total Holdings 1731



American Funds Growth Fund of Amer R6 RGAGX

Morningstar Category

Large Growth

Morningstar Index

Russell 1000 Growth TR USD

Portfolio Manager(s)

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

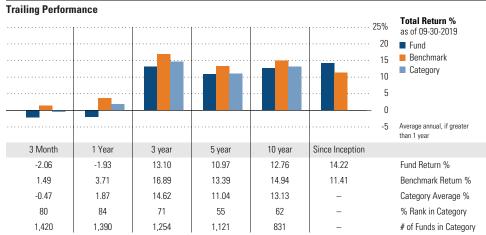
Quantitative Screens

- ❷ Performance: The fund has finished in the Large Growth category's top three quartiles in 9 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 25.93 years.
- Style: The fund has landed in its primary style box —
 Large Growth 100 % of the time over the past three
 years.
- ✓ Net Expense: The fund's expense ratio of 0.32 is
 69.23% lower than the Large Growth category average.

Morningstar Investment Management LLC Analysis

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

Growth of \$10,000 ▼ Manager Change V Partial Mgr Change 35k 30k 25k Fund: \$10,000 20k - Benchmark: \$10,000 Category: \$10,000 15k 10k Performance Quartile (Within Category) 2010 2011 2012 2013 2014 2015 2016 2017 2018 YTD History 12.67 -4.53 20.98 34 29 9 63 5.70 8 82 26 53 -2.60 15.46 Total Return % -7.17 -3.42 0.03 -1.09 -7.84 -4.04 5.72 0.81 1.74 -3.68 +/- Benchmark -2.07 0.37 -0.37 -0.51 -2.86 5.64 2.10 5.59 -1.14 -5.08 +/- Category 74 69 6 44 56 34 9 57 53 90 Tot Ret % Rank in Cat 844 884 1,074 1,129 1,396 # of Funds in Cat 939 1,018 1,215 1,265 1,355 33 34 18 27 26 29 31 25 28 36 Turnover %



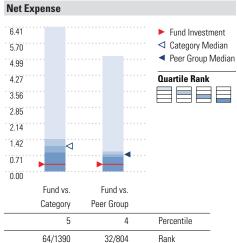
0.33

0.33

0.32

0.32

Expense Ratio



0.34

0.34

0.30

0.33

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

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





American Funds Growth Fund of Amer R6 RGAGX

Morningstar Category

Large Growth

Morningstar Index

Russell 1000 Growth TR USD

Style Analysis as of 09-30-2019

Morningstar Style Box™



Style Breakdown

Equity

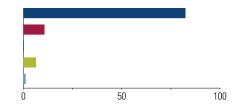
10	21		Luigo
2	4	7	IVIIG
0	0	0	O

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





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

		Fund	Bmark	Cat	Fund	d	▼ Be	nchma	rk [Cated	ory Av	erage			
b	Cyclical	32.36	27.46	33.17							v '.				
à.	Basic Materials	2.08	1.23	1.79											
-	Consumer Cyclical	17.30	15.58	16.97											
ê	Financial Services	11.35	7.92	12.38			' :]							
b	Real Estate	1.63	2.73	2.03											
M	Sensitive	47.81	53.22	46.63											
	Communication Services	2.68	1.22	1.53											
•	Energy	3.72	0.27	1.09											
\$	Industrials	10.55	11.56	9.30									į		
1	Technology	30.86	40.17	34.71											
→	Defensive	19.82	19.32	20.20											
Ę	Consumer Defensive	3.84	5.45	5.02		■ [
۲	Healthcare	15.94	13.87	14.58											
1	Utilities	0.04	0.00	0.60	in										

Top 15 Holdings as of 09-30-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	6.30	6.30	_	_
Facebook Inc A	5.24	11.53	35.85	Technology
	5.04	16.58	38.24	Technology
Amazon.com Inc	3.90	20.48	15.58	Consumer Cyclical
⊕ Netflix Inc	3.71	24.19	-0.01	Consumer Cyclical
⊕ UnitedHealth Group Inc	2.29	26.48	-11.54	Healthcare
	2.29	28.77	17.71	Technology
→ Broadcom Inc	1.82	30.59	11.70	Technology
	1.58	32.17	44.48	Financial Services
	1.54	33.72	37.41	Consumer Cyclical
Abbott Laboratories	1.38	35.10	17.01	Healthcare
⊕ Charter Communications Inc A	1.38	36.48	44.62	Communication Svc
	1.36	37.84	16.86	Technology
Thermo Fisher Scientific Inc	1.15	38.99	30.41	Healthcare
Berkshire Hathaway Inc A	1.10	40.10	1.91	Financial Services

Total Holdings 335



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

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

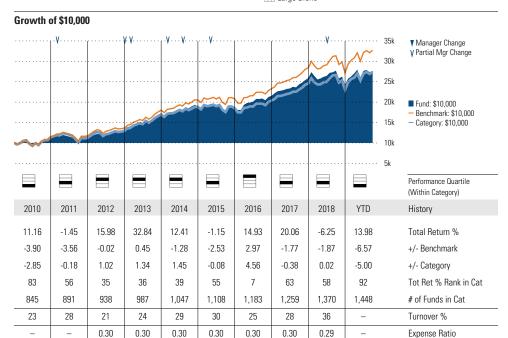
Management: The fund's management has been in place for 27.6 years.

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

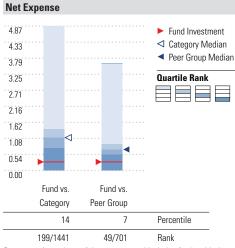
Net Expense: The fund's expense ratio of 0.29 is 68.13% lower than the Large Blend category average.

Morningstar Investment Management LLC Analysis

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







3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	-1.97	_	-1.24
Beta	0.90	_	0.96
R-Squared	94.39	_	93.99
Standard Deviation	11.23	12.18	12.01
Sharpe Ratio	0.75	0.96	0.84
Tracking Error	2.95	_	2.98
Information Ratio	-1.22	_	-1.29
Up Capture Ratio	86.22	_	91.29
Down Capture Ratio	100.18	_	97.85

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





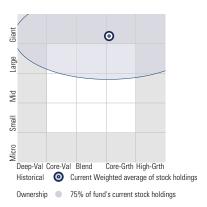
American Funds Invmt Co of Amer R6 RICGX

Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

Style Analysis as of 09-30-2019

Morningstar Style Box™



Style Breakdown

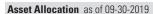
Equity

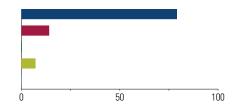
22	36	35	Large
3	3	1	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





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

Sec	tor Weighting as of 09-	30-2019			
		Fund	Bmark	Cat	Fund • Benchmark [] Category Average
Դ	Cyclical	25.40	33.06	34.49	
A.	Basic Materials	5.05	2.40	2.73	
A	Consumer Cyclical	10.98	11.76	11.95	
,	Financial Services	7.84	15.68	16.57	' 0
ft.	Real Estate	1.53	3.22	3.24	
M	Sensitive	44.20	41.65	40.62	
ď	Communication Services	0.94	3.41	2.85	
	Energy	9.84	4.52	4.44	
Ċ.	Industrials	9.40	10.39	11.24	<u> </u>
	Technology	24.02	23.33	22.09	
→	Defensive	30.40	25.28	24.88	
	Consumer Defensive	9.81	8.12	8.21	
٠	Healthcare	17.54	13.57	13.79	
•	Utilities	3.05	3.59	2.88	<u> </u>
					0% 5 10 15 20 25 30 35 40

Top 15 Holdings as of 09-30-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
○ Capital Group Central Cash Fund	7.18	7.18	_	_
	4.87	12.05	38.24	Technology
⊕ Facebook Inc A	4.68	16.73	35.85	Technology
Abbott Laboratories	3.15	19.88	17.01	Healthcare
⊕ Broadcom Inc	2.69	22.57	11.70	Technology
⊕ Amazon.com Inc	2.22	24.78	15.58	Consumer Cyclical
⊕ Exxon Mobil Corp	2.16	26.94	7.30	Energy
AbbVie Inc	2.15	29.10	-14.38	Healthcare
The Home Depot Inc	1.69	30.79	37.41	Consumer Cyclical
⊕ UnitedHealth Group Inc	1.68	32.47	-11.54	Healthcare
⊕ British American Tobacco PLC	1.62	34.09	24.36	Consumer Defensive
	1.54	35.63	1.64	Healthcare
Alphabet Inc A	1.54	37.17	16.86	Technology
⊕ EOG Resources Inc	1.51	38.68	-14.06	Energy
⊕ Linde PLC	1.45	40.14	25.83	Basic Materials

Total Holdings 186



American Funds New Perspective R6 RNPGX

Morningstar Category World Large Stock Morningstar Index MSCI ACWI Ex USA NR USD

Portfolio Manager(s)

Robert Lovelace since 12-2000 Jonathan Knowles since 12-2004 Jody Jonsson since 12-2005 Steven Watson since 12-2005 Brady Enright since 12-2005 Noriko Chen since 04-2012 Andraz Razen since 07-2015

Quantitative Screens

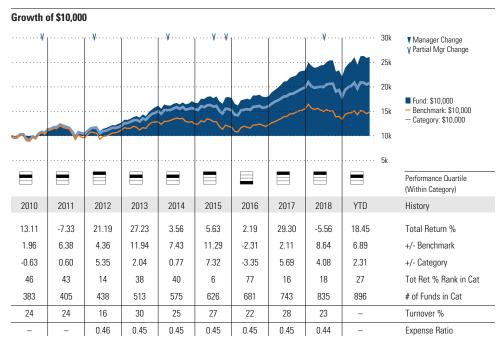
Q Performance: The fund has finished in the World Large Stock category's top three quartiles in 9 of the 10 years it's been in existence.

Management: The fund's management has been in place for 18.84 years.

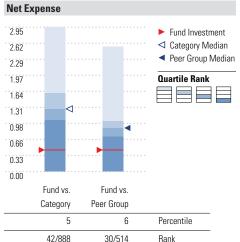
Q Net Expense: The fund's expense ratio of 0.44 is 60.71% lower than the World Large Stock category average.

Morningstar Investment Management LLC Analysis

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







3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	5.87	_	3.15
Beta	0.97	_	0.92
R-Squared	85.19	_	79.32
Standard Deviation	11.98	11.45	11.84
Sharpe Ratio	0.90	0.45	0.66
Tracking Error	4.63	_	5.63
Information Ratio	1.31	_	0.49
Up Capture Ratio	106.85	_	96.71
Down Capture Ratio	68.45	_	76.45

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	23.03	14.87	19.09
Price/Book Ratio	3.38	1.57	2.39
Geom Avg Mkt Cap \$B	75.23	33.84	72.37
ROE	22.40	16.14	21.82



American Funds New Perspective R6 RNPGX

Morningstar Category World Large Stock

Morningstar Index MSCI ACWI Ex USA NR USD

Style Analysis as of 09-30-2019

Morningstar Style Box™



Style Breakdown

Equity

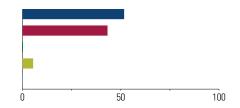
10	24	56	Large
1	3	6	Mid
0	0	1	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

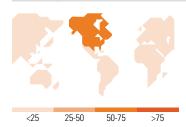
Asset Allocation as of 09-30-2019



Total	100.00	100.00
Other	0.02	0.73
Cash	5.26	2.39
Bonds	0.01	0.26
Non-US Stocks	43.12	42.60
US Stocks	51.58	54.02
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 09-	30-2019			
		Fund	Bmark	Cat	Fund Benchmark Category Average
_Մ	Cyclical	37.63	43.59	36.55	
A	Basic Materials	5.76	7.74	4.22	
A	Consumer Cyclical	14.86	10.98	12.39	
,	Financial Services	16.02	21.61	17.36	
fil.	Real Estate	0.99	3.26	2.58	
W	Sensitive	39.61	34.08	38.95	
	Communication Services	1.45	4.11	2.94	
ð	Energy	3.41	6.84	4.23	
Ф	Industrials	9.83	11.09	12.16	
	Technology	24.92	12.04	19.62	
→	Defensive	22.76	22.31	24.52	
	Consumer Defensive	8.22	10.32	8.83	
٠	Healthcare	13.31	8.64	12.61	
•	Utilities	1.23	3.35	3.08	• 1
-					0% 5 10 15 20 25 30 35 40 4

World Regions % Equity 09-30-2019



Greater Asia	Fund % 13.72	Cat % 15.65
Japan	5.75	5.80
Australasia	0.16	1.03
Asia-4 Tigers	5.92	3.59
Asia-ex 4 Tigers	1.89	5.23
Not Classified	0.00	0.00

Americas	Fund % 57.63	Cat % 59.15	Greater Europe	Fund % 28.67	Cat % 25.20	Market Maturity	Fund %
North America Central/Latin	55.81 1.82	58.18 0.97	United Kingdom W euro-ex UK Emrgng Europe Africa	5.42 21.83 0.42 1.00	6.77 17.64 0.29 0.50	Developed Markets Emerging Markets Not Available	94.98 5.02 0.00

Top 10 Holdings as of 09-30-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
○ Capital Group Central Cash Fund	5.31	5.31	_	_
⊕ Amazon.com Inc	3.45	8.76	15.58	Consumer Cyclical
⊕ Facebook Inc A	2.72	11.48	35.85	Technology
⊕ Microsoft Corp	2.64	14.12	38.24	Technology
Mastercard Inc A	2.04	16.17	44.48	Financial Services
□ Taiwan Semiconductor Manufacturing Co Ltd	2.01	18.18	25.06	Technology
⊕ JPMorgan Chase & Co	1.70	19.88	23.02	Financial Services
⊕ Broadcom Inc	1.63	21.51	11.70	Technology
Visa Inc Class A	1.53	23.03	30.94	Financial Services
CME Group Inc Class A	1.52	24.55	13.54	Financial Services

Total Holdings 298



American Funds New World R6 RNWGX

Morningstar CategoryMorningstar IndexDiversified Emerging MktsMSCI EM NR USD

Portfolio Manager(s)

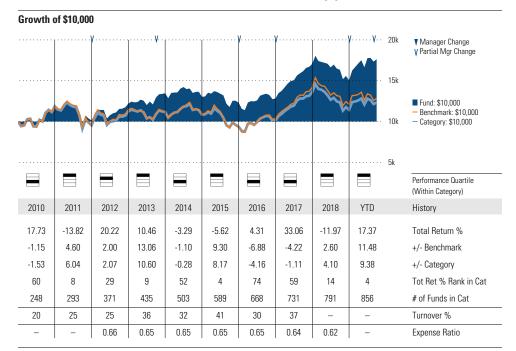
Robert Lovelace since 06-1999
Carl Kawaja since 06-1999
Wahid Butt since 01-2008
Nicholas Grace since 01-2008
Christopher Thomsen since 01-2009
Winnie Kwan since 01-2009
Tomonori Tani since 10-2013
Jonathan Knowles since 01-2016
Bradford Freer since 01-2017
Steven Backes since 01-2019
Lisa Thompson since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

Quantitative Screens

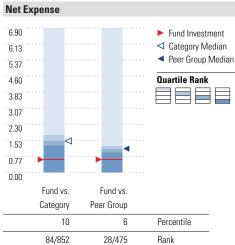
- Performance: The fund has finished in the Diversified Emerging Mkts category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 20.3 years.
- Style: The fund has landed in its primary style box —
 Large Growth 100 % of the time over the past three
 years.
- Net Expense: The fund's expense ratio of 0.62 is
 51.94% lower than the Diversified Emerging Mkts category average.

Morningstar Investment Management LLC Analysis

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

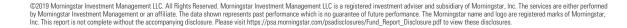






3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	4.54	_	-0.25
Beta	0.78	_	0.92
R-Squared	90.71	_	87.64
Standard Deviation	11.47	14.04	13.77
Sharpe Ratio	0.71	0.37	0.31
Tracking Error	4.68	_	4.83
Information Ratio	0.77	_	-0.18
Up Capture Ratio	90.90	_	92.55
Down Capture Ratio	67.68	-	94.88

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



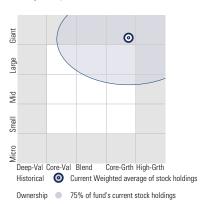


American Funds New World R6 RNWGX

Morningstar CategoryMorningstar IndexDiversified Emerging MktsMSCI EM NR USD

Style Analysis as of 09-30-2019

Morningstar Style Box™



Style Breakdown

Equity

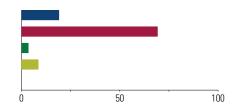
11	20		Large
3	3	6	Mid
0	0	1	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

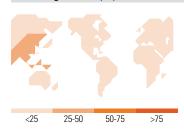
Asset Allocation as of 09-30-2019



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

Sec	ctor Weighting as of 09-	30-2019													
		Fund	Bmark	Cat	Fun	d	▼ Ben	chmarl	[] Ca	ategory	Avera	ge			
ሁ	Cyclical	38.99	46.93	46.72											
Å.	Basic Materials	7.58	7.69	5.48			ľ								
A	Consumer Cyclical	11.94	11.59	12.95			: V								
æ	Financial Services	17.95	24.70	25.77						[
fi	Real Estate	1.52	2.95	2.52	= ['									
W	Sensitive	40.92	40.65	38.20											
d	Communication Services	1.07	4.74	3.57											
•	Energy	7.00	7.42	5.97			•								
Ф	Industrials	9.24	4.96	5.04											
	Technology	23.61	23.53	23.62											
→	Defensive	20.09	12.41	15.06											
Ħ	Consumer Defensive	6.68	7.27	10.21			[
+	Healthcare	10.39	2.48	2.95											
•	Utilities	3.02	2.66	1.90											
					0%	5	10	15	20	25	30	35	40	45	5(

World Regions % Equity 09-30-2019



Greater Asia	Fund % 41.80	Cat % 68.54
Japan Australasia	5.60 1.02	0.11 0.01
Asia-4 Tigers	8.60	22.46
Asia-ex 4 Tigers	26.58	45.96
Not Classified	0.00	0.00

Americas	Fund % 34.62	Cat % 15.61	Greater Europe	Fund % 23.57	Cat % 15.84	Market Maturity	Fund %
North America	23.07	1.60	United Kingdom	4.13	0.91	Developed Markets	57.37
Central/Latin	11.55	14.01	W euro-ex UK	14.72	2.13	Emerging Markets	42.63
			Emrgng Europe	2.35	6.36	Not Available	0.00
			Africa	2.37	6.44		

Top 10 Holdings as of 09-30-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	7.55	7.55	_	_
⊕ Kotak Mahindra Bank Ltd	1.91	9.46	30.94	Financial Services
⊕ Reliance Industries Ltd	1.88	11.34	19.40	Energy
Taiwan Semiconductor Manufacturing Co Ltd	1.77	13.11	25.06	Technology
	1.76	14.88	38.24	Technology
	1.60	16.48	22.00	Consumer Cyclical
⊕ AIA Group Ltd	1.54	18.03	15.89	Financial Services
→ HDFC Bank Ltd	1.44	19.47	16.65	Financial Services
∋ Tencent Holdings Ltd	1.32	20.78	5.48	Technology
	1.29	22.07	44.48	Financial Services

Total Holdings 522



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.

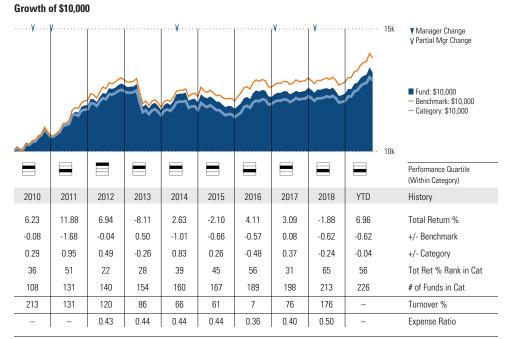
× *Management:* The fund's management team has been in place for less than three years.

Style Consistency is not calculated for Fixed Income funds.

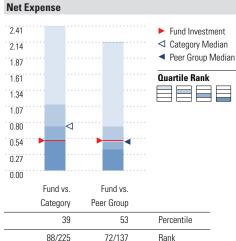
Net Expense: The fund's expense ratio of 0.5 is 33.33% lower than the Inflation-Protected Bond category average.

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.







3-Year Kisk 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
Fixed Income

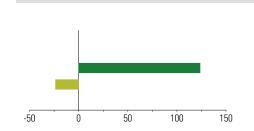
Quality

High

Mid

Mod Ext

Duration



Asset Allocation as of 09-30-2019

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

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
В	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-									_							
	Fund	Bmark	Cat	Fund	•	Ben	chma	ark	[] C	ateç	ory	Ave	rage			
Government	93.93	-	85.03													
Treasury	0.96	_	1.16	10												
Inflation – Protected	92.82	_	79.44													
Agency/Quasi Agency	0.00	_	0.12	0												
Other Government Related	0.15	_	4.31	[]												
Corporate	0.28	_	2.33	! []												
Corporate Bond	0.28	_	2.21	1[]												
Bank Loan	0.00	_	0.07													
Convertible	0.00	_	0.05													
Preferred	0.00	_	0.00	Ò												
Securitized	4.07	-	5.55													
Agency MBS Pass-Through	2.94	_	2.21	II)												
Agency MBS ARM	0.00	_	0.00	0 :												
Agency MBS CMO	0.13	_	0.92	0												
Non-Agency Residential MBS	0.00	_	0.28													
Commercial MBS	1.00	_	0.20	D												
Asset-Backed	0.00	_	1.73	[]												
Covered Bond	0.00	_	0.21													
Municipal	0.00	-	0.00													
Cash & Equivalents	1.72	-	5.44													
Other	0.01	_	1.60	10												

 $0\% \ 5 \ 10 \ 15 \ 20 \ 25 \ 30 \ 35 \ 40 \ 45 \ 50 \ 55 \ 60 \ 65 \ 70 \ 75 \ 80 \ 85 \ 9095$

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	_
	01-2024	3.75	61.88	_
	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



Carillon Eagle Small Cap Growth I HSIIX

Morningstar Category

Small Growth

Morningstar Index

Russell 2000 Growth TR USD

Expense Ratio

Portfolio Manager(s)

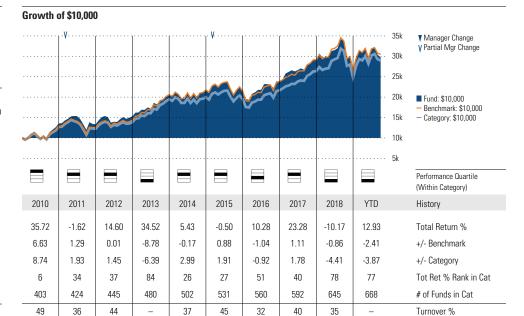
Bert Boksen since 12-1995 Eric Mintz since 03-2011 Christopher Sassouni since 03-2015

Quantitative Screens

- ❷ Performance: The fund has finished in the Small Growth 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 23.76 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.

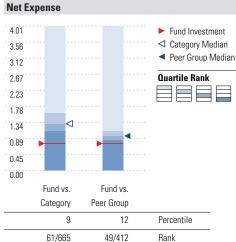




0.81

0.78

0.75



0.78

0.79

0.78

0.78

3-Year KISK Wellics			
	Fund	Bmark	Cat
Alpha	-0.74	-	2.42
Beta	0.99	-	0.94
R-Squared	94.99	-	91.43
Standard Deviation	17.81	17.47	17.30
Sharpe Ratio	0.47	0.53	0.64
Tracking Error	3.99	-	5.10
Information Ratio	-0.24	-	0.38
Up Capture Ratio	99.47	-	99.42
Down Capture Ratio	104.05	_	88.96

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	25.53	23.13	27.02
Price/Book Ratio	4.07	3.83	4.13
Geom Avg Mkt Cap \$B	3.28	2.03	3.72
ROE	5.96	6.01	7.16



Carillon Eagle Small Cap Growth I HSIIX

Morningstar Category Small Growth

Morningstar Index

Russell 2000 Growth TR USD

Style Analysis as of 09-30-2019

Morningstar Style Box™



Style Breakdown

Equity

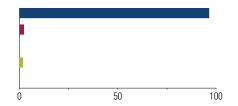
0	0	0	Large
0	11	38	Mid
3	12	37	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	0.25
Cash	1.53	2.80
Bonds	0.00	0.00
Non-US Stocks	2.08	3.23
US Stocks	96.39	93.72
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 09-	30-2019												
		Fund	Bmark	Cat	Func	I	▼ Bench	mark	Cate	gory Ave	rage			
<u></u>	Cyclical	28.62	27.99	29.36							<u> </u>			
Å.	Basic Materials	8.02	5.56	4.31										
A	Consumer Cyclical	14.12	11.50	12.44										
F	Financial Services	4.78	6.04	9.07		_ '								
命	Real Estate	1.70	4.89	3.54										
W	Sensitive	44.42	40.59	44.46										
	Communication Services	0.00	0.99	0.72	i[
0	Energy	1.30	0.61	1.48										
Ф	Industrials	16.15	17.84	16.25			- :		1					
	Technology	26.97	21.15	26.01										
→	Defensive	26.96	31.42	26.18							'			
Ħ	Consumer Defensive	2.70	4.35	4.97										
+	Healthcare	24.20	25.29	20.08										
•	Utilities	0.06	1.78	1.13	i []									
					0%	5	10	15	20	25	30	35	40	45

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Quaker Chemical Corp	2.61	2.61	-10.38	Basic Materials
Entegris Inc	2.36	4.98	69.49	Technology
RealPage Inc	2.29	7.27	30.44	Technology
Hexcel Corp	2.04	9.31	44.05	Industrials
Woodward Inc	2.03	11.33	45.80	Industrials
Cornerstone OnDemand Inc	2.00	13.34	8.71	Technology
Aerojet Rocketdyne Holdings Inc	1.94	15.28	43.37	Industrials
Universal Electronics Inc	1.85	17.13	101.34	Technology
Pegasystems Inc	1.75	18.88	42.46	Technology
Chart Industries Inc	1.66	20.55	-4.11	Industrials
John Bean Technologies Corp	1.64	22.19	38.88	Industrials
Landstar System Inc	1.59	23.78	18.21	Industrials
Trex Co Inc	1.58	25.36	53.18	Basic Materials
Guidewire Software Inc	1.57	26.93	31.35	Technology
Cognex Corp	1.56	28.48	27.44	Technology

Total Holdings 111



ClearBridge Mid Cap IS LSIRX

Morningstar Category Mid-Cap Blend

Morningstar Index

Russell Mid Cap TR USD

Portfolio Manager(s)

Derek Deutsch since 05-2005 Brian Angerame since 05-2005

Quantitative Screens

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

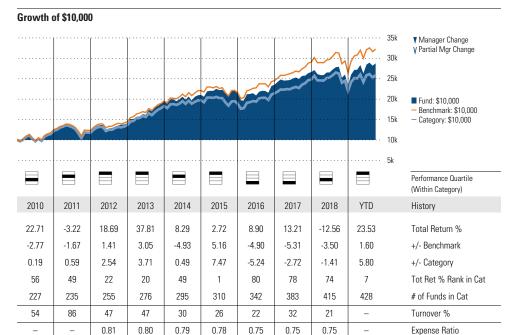
Management: The fund's management has been in place for 14.4 years.

Style: The fund has landed in its primary style box — Mid-Cap Blend — 71.43 % of the time over the past three

Net Expense: The fund's expense ratio of 0.75 is 25% lower than the Mid-Cap Blend category average.

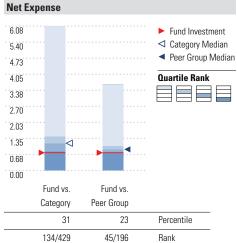
Morningstar Investment Management LLC Analysis

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.





3-Year Risk Metrics



	Fund	Bmark	Cat
Alpha	-1.88	_	-2.34
Beta	1.07	_	1.03
R-Squared	96.24	_	91.67
Standard Deviation	14.72	13.44	14.43
Sharpe Ratio	0.57	0.70	0.52
Tracking Error	3.03	_	4.23
Information Ratio	-0.44	_	-0.60
Up Capture Ratio	97.43	_	94.31
Down Capture Ratio	105.01	_	106.97

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.49	19.79	20.13
Price/Book Ratio	3.13	2.54	2.35
Geom Avg Mkt Cap \$B	13.05	13.51	8.23
ROE	20.27	16.12	14.43



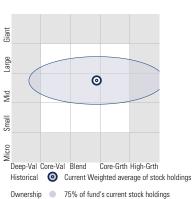
ClearBridge Mid Cap IS LSIRX

Morningstar Category Mid-Cap Blend

Morningstar Index

Russell Mid Cap TR USD

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



Style Breakdown

Equity

8	12	11	Large
18	22	24	Mid
2	1	1	Small

Value Blend Growth

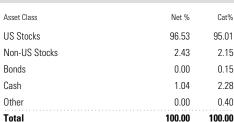
Weight %

>50 25-50 10-25 0-10



50

Asset Allocation as of 09-30-2019



Sec	tor Weighting as of 09-	30-2019													
		Fund	Bmark	Cat	Fund	ł	▼ Ben	chmark	[] Ca	ategory	Avera	ge			
ŀ	Cyclical	40.37	42.00	45.10											
A.	Basic Materials	2.03	4.22	5.33		•									
P	Consumer Cyclical	19.32	13.92	14.31											
	Financial Services	10.42	12.83	16.09				' [
ŧ	Real Estate	8.60	11.03	9.37			= [:"								
M	Sensitive	39.37	36.47	36.56											
	Communication Services	0.00	0.94	1.27											
	Energy	2.73	3.95	3.39											
}	Industrials	14.68	14.16	13.64											
3	Technology	21.96	17.42	18.26											
+	Defensive	20.25	21.53	18.35											
7	Consumer Defensive	4.50	5.37	4.33		■[
1	Healthcare	9.75	9.07	9.69											
	Utilities	6.00	7.09	4.33		(in '									
					0%	5	10	15	20	25	30	35	40	45	

100

•				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ L3Harris Technologies Inc	2.89	2.89	56.52	Industrials
⇒ CDW Corp	2.66	5.55	53.15	Technology
Eversource Energy	2.46	8.01	33.88	Utilities
⇒ Starwood Property Trust Inc	2.45	10.46	30.19	Real Estate
→ Arch Capital Group Ltd	2.44	12.89	57.11	Financial Services
⊖ Casey's General Stores Inc	2.42	15.31	26.47	Consumer Defensive
	2.41	17.73	36.25	Real Estate
⊝ Ingersoll-Rand PLC	2.39	20.11	36.80	Industrials
⊖ Ross Stores Inc	2.37	22.49	32.95	Consumer Cyclical
→ Hasbro Inc	2.28	24.77	48.53	Consumer Cyclical
	2.23	27.00	24.90	Utilities
	2.06	29.06	38.38	Financial Services
⇒ US Foods Holding Corp	2.03	31.09	29.90	Consumer Defensive
∃ Teledyne Technologies Inc	2.02	33.11	55.50	Technology
Service Corp International	1.98	35.09	20.09	Consumer Cyclical

Total Holdings 64



Eaton Vance Income Fund of Boston I EIBIX

Morningstar Category High Yield Bond Morningstar Index

ICE BofAML US High Yield TR USD

Expense Ratio

Portfolio Manager(s)

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

Quantitative Screens

Q 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 23.76 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.74 is 25.25% 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.

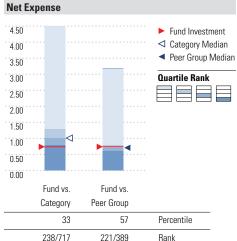




0.74

0.75

0.74



0.77

0.75

0.75

0.75

3-Year hisk wetrics			
	Fund	Bmark	Cat
Alpha	0.00	-	-0.35
Beta	0.87	_	0.90
R-Squared	97.70	_	90.23
Standard Deviation	3.72	4.21	4.02
Sharpe Ratio	0.97	1.04	0.88
Tracking Error	0.77	_	1.37
Information Ratio	-1.00	_	-0.89
Up Capture Ratio	85.58	_	86.99
Down Capture Ratio	81.67	_	93.08

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



Eaton Vance Income Fund of Boston I EIBIX

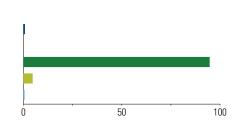
Morningstar Category
High Yield Bond
ICE BofA

Morningstar Index ICE BofAML US High Yield TR USD

Style Analysis as of 09-30-2019
Style Breakdown
Fixed Income Quality

Duration





Asset Allocation as of 09-30-2019

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

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

Sector Weighting as of 09-3	30-2019					
	Fund	Bmark	Cat	Fund	▼ Benchmark	Category Average
Government	0.00	-	1.85	10		
Treasury	0.00	_	1.55	[]		
Inflation – Protected	0.00	_	0.00			
Agency/Quasi Agency	0.00	-	0.08			
Other Government Related	0.00	-	0.22			
Corporate	95.40	-	87.77			
Corporate Bond	88.29	_	82.35			0-
Bank Loan	7.06	_	4.27			
Convertible	0.00	_	0.98	[]		
Preferred	0.05	_	0.17	ĺ		
Securitized	0.00	-	1.43	10		
Agency MBS Pass-Through	0.00	_	0.09			
Agency MBS ARM	0.00	_	0.00			
Agency MBS CMO	0.00	_	0.21			
Non-Agency Residential MBS	0.00	_	0.17			
Commercial MBS	0.00	_	0.11			
Asset-Backed	0.00	_	0.84	0		
Covered Bond	0.00	_	0.01	0		
Municipal	0.00	-	0.01	0		
Cash & Equivalents	4.60	-	5.34			
Other	0.00	_	3.62	10		

0% 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 9500

Top 10 Holdings as of 09-30-2019				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
Ev Cash Reserves Fund Llc	_	4.33	4.33	_
Asurion	08-2025	1.14	5.47	-
Sprint Corporation 7.88%	09-2023	1.04	6.51	-
⊕ MPH Acquisition Holdings LLC 7.12%	06-2024	1.00	7.51	-
Viking Cruises, Ltd. 5.88%	09-2027	0.70	8.21	-
CrownRock LP 5.62%	10-2025	0.68	8.90	_
Laureate Education, Inc. 8.25%	05-2025	0.68	9.58	-
Jaguar Holding Co II/Pharmaceutical Product Development LLC 6.38%	08-2023	0.65	10.22	-
GrafTech Finance, Inc.	02-2025	0.62	10.84	_
T-Mobile USA, Inc. 6.5%	01-2026	0.60	11.44	_

Total Holdings 487



Invesco Oppenheimer International Gr Y OIGYX

Morningstar Category Foreign Large Growth

Morningstar Index MSCI EAFE NR USD

Portfolio Manager(s)

George Evans since 03-1996 Robert Dunphy since 03-2012

Quantitative Screens

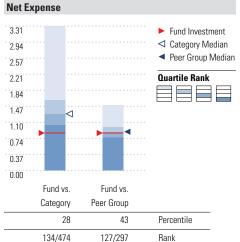
- × Performance: The fund has finished in the Foreign Large Growth category's top three quartiles in 6 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 23.53 years.
- Style: The fund has landed in its primary style box Large Growth — 100 % of the time over the past three
- Net Expense: The fund's expense ratio of 0.86 is 23.89% lower than the Foreign Large Growth category average.

Morningstar Investment Management LLC Analysis

We are placing Invesco Oppenheimer International Growth on watch for performance. This fund has struggled recently, most notably in 2018 when it fell further than its category peers and benchmark index. In the first half of 2019, the fund outpaced its prospectus benchmark and kept pace with its peers in the Foreign Large Growth Morningstar Category, but it could take some time for this fund to regain its standings in the category. There's reason for hope, as manager George Evans has led the effort here for over twenty years and long-term results are still competitive. We'll be watching for better relative performance in the coming quarters.







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

Rank

o rour mon monio			
	Fund	Bmark	Cat
Alpha	-3.35	_	0.58
Beta	1.12	_	1.03
R-Squared	87.75	_	_
Standard Deviation	13.24	11.07	12.56
Sharpe Ratio	0.21	0.48	0.46
Tracking Error	4.82	_	5.20
Information Ratio	-0.60	_	0.11
Up Capture Ratio	97.36	_	98.91
Down Capture Ratio	117.49	_	93.55

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	24.91	15.97	22.11
Price/Book Ratio	3.42	1.56	3.08
Geom Avg Mkt Cap \$B	25.59	35.74	39.99
ROE	18.47	16.29	20.08



On Watch

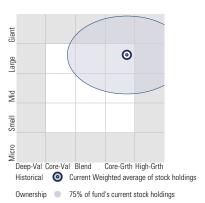
Invesco Oppenheimer International Gr Y OIGYX

Morningstar Category Foreign Large Growth

Morningstar Index MSCI EAFE NR USD

Style Analysis as of 09-30-2019

Morningstar Style Box™



Style Breakdown

Equity

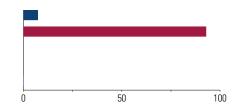
-quit,			
7	21	40	Large
2	6	22	Mid
1	0	1	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 09-30-2019

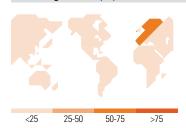




	ctor Weighting as of 09-3			_	_				п -					
		Fund	Bmark	Cat	Fund	i v	Bench	mark	Cateo	gory Ave	erage		,	
Դ	Cyclical	22.93	41.16	35.91								[]		
A	Basic Materials	3.03	7.55	5.71		ı []	' i							
A	Consumer Cyclical	13.28	11.47	13.00				0	_ ;					
	Financial Services	6.62	18.49	16.23					1					
侖	Real Estate	0.00	3.65	0.97	i [1					Ė			
W	Sensitive	44.94	31.34	36.38										
0	Communication Services	0.00	3.97	1.25		•								
•	Energy	1.39	5.38	2.50										
₽	Industrials	19.18	13.77	13.97										
	Technology	24.37	8.22	18.66			7				_ :			
→	Defensive	32.13	27.50	27.70										
Ħ	Consumer Defensive	13.96	12.02	13.45		- 1	- '	•()						
٠	Healthcare	18.17	11.82	13.10										
•	Utilities	0.00	3.66	1.15	i []	•								
					0%	5	10	15	20	25	30	35	40	45

World Regions % Equity 09-30-2019

Mid



Greater Asia	Fund % 24.22	Cat % 30.83	
Japan	12.48	13.01	
Australasia	4.42	2.16	
Asia-4 Tigers	2.97	6.39	
Asia-ex 4 Tigers	4.35	9.27	
Not Classified	0.00	0.00	

Americas	Fund % 13.11	Cat % 15.21	Greater Europe	Fund % 62.67	Cat % 53.95	Market Maturity	Fund %
North America	13.11	13.02	United Kingdom	6.90	12.58	Developed Markets	94.26
Central/Latin	0.00	2.19	W euro-ex UK	54.38	40.14	Emerging Markets	5.74
			Emrgng Europe	1.39	0.38	Not Available	0.00
			Africa	0.00	0.85		

Top 10 Holdings as of 09-30-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⇒ ASML Holding NV	2.98	2.98	67.21	Technology
Hitachi Ltd	2.70	5.67	38.75	Industrials
Hermes International SA	2.67	8.34	31.71	Consumer Cyclical
SAP SE	2.65	11.00	25.83	Technology
Hoya Corp	2.37	13.37	34.00	Healthcare
Edenred SA	2.30	15.67	42.99	Financial Services
Nokia Oyj	2.28	17.95	-5.57	Technology
Grifols SA A	2.19	20.14	18.71	Healthcare
Keyence Corp	2.09	22.23	20.51	Technology
ICICI Bank Ltd ADR	2.09	24.32	18.65	Financial Services

Total Holdings 79

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 11.76 years.

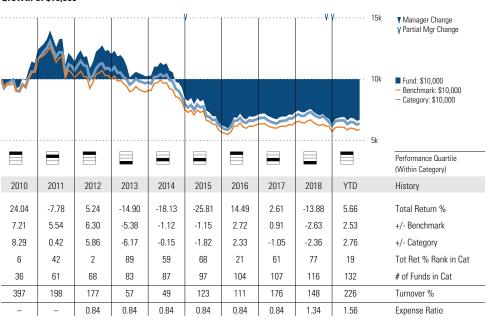
Style Consistency is not calculated for Fixed Income funds.

imes Net Expense: The fund's expense ratio of 1.56 is 33.33% higher than the Commodities Broad Basket category average.

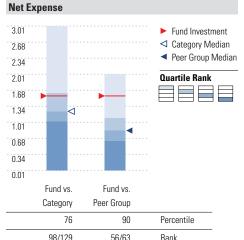
Morningstar Investment Management LLC Analysis

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

Growth of \$10,000







3-Year KISK Welrics			
	Fund	Bmark	Cat
Alpha	0.17	_	0.71
Beta	1.09	_	1.04
R-Squared	95.45	_	74.99
Standard Deviation	8.89	7.94	9.86
Sharpe Ratio	-0.31	-0.35	-0.27
Tracking Error	2.04	_	5.07
Information Ratio	-0.01	-	-0.10
Up Capture Ratio	112.30	_	116.78
Down Capture Ratio	110.63	-	110.03

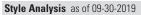
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	12.32	_	11.29
Price/Book Ratio	1.51	_	1.41
Geom Avg Mkt Cap \$B	20.09	_	23.90
ROE	16.78	_	20.51



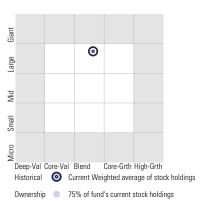
PIMCO Commodity Real Return Strat I2 PCRPX

Morningstar Category Morningstar Index Commodities Broad Basket

Bloomberg Commodity TR USD



Morningstar Style Box™



Style Breakdown

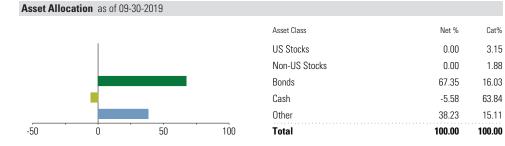
Equity

17	33	25	Large
8	8	8	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



	Fund	Bmark	Cat	Fund	•	Bend	hmark	Categ	ory A	veraç	je		
Cyclical	64.28	_	28.96										
Basic Materials	7.14	_	3.34										
Consumer Cyclical	7.14	_	12.66										
Financial Services	14.29	_	12.96										
Real Estate	35.71	_	0.00										
Sensitive	28.57	_	40.16										
Communication Services	7.14	_	2.89										
Energy	0.00	_	6.65	i i [
Industrials	7.14	_	11.87]							
Technology	14.29	_	18.75										
Defensive	7.14	_	30.88										
Consumer Defensive	7.14	_	4.47										
Healthcare	0.00	_	19.01										
Utilities	0.00	_	7.40	- i - i [

Top 15 Holdings as of 09-30-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Euro Schatz Sept19	28.32	28.32	_	_
☆ CashOffSet	24.76	53.08	_	_
Pimco Cayman Cmdty Fd Ltd Instl	23.48	76.57	_	_
⊕ Offset: Unsettled Trades	17.59	94.16	_	_
⊕ United States Treasury Notes 0.12%	17.53	111.69	-	_
⊕ Euro BUND Future Sept19	15.82	127.51	_	_
⊕ Federal National Mortgage Association 3.5%	11.84	139.35	_	_
⊕ Trs R 2.62/912828k33 Myc	7.83	147.19	-	_
⊕ Euro OAT Sept19	7.46	154.65	_	_
⊕ United States Treasury Bonds 2.38%	6.44	161.09	-	_
Irs Usd 2.25000 12/20/17-5y Cme	5.93	167.02	_	_
⊕ United States Treasury Notes 0.62%	5.89	172.92	-	_
Irs Usd 2.40000 03/16/21-5y Cme	5.88	178.79	-	_
⊕ Irs Usd 2.25000 12/20/17-5y Cme	5.83	184.62	-	_
⊕ Irs Usd 2.40000 03/16/21-5y Cme	5.72	190.34	_	_

Total Holdings 949



PIMCO Income 12 PONPX

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.



Morningstar Index BBgBarc US Universal TR USD





52

0.55

190

0.55

211

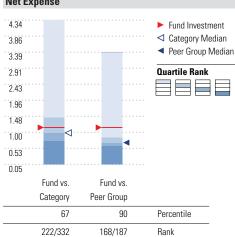
1.05

472

1.15

Turnover %

Expense Ratio



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



188

181

311

0.50

226

0.54

251

0.55

164

0.55

PIMCO Income I2 PONPX

Style Analysis as of 09-30-2019
Style Breakdown
Fixed Income

Quality

Style Breakdown

Fixed Income

Quality

Style Breakdown

Fixed Income

Quality

Style Breakdown

Fixed Income

Quality

Style Breakdown

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Style Breakdown

Fixed Income

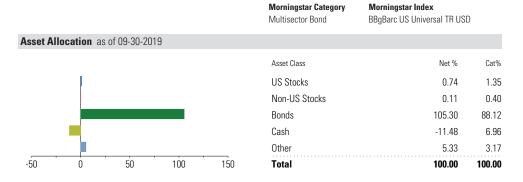
Quality

Style Breakdown

Fixed Income

Duration

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
В	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-		ъ .	0 .				По				
	Fund	Bmark	Cat	Fund	, B	enchmark	[] Cateo	jory Avera	ge		
Government	26.45	-	14.56			:					
Treasury	4.53	_	9.30								
Inflation - Protected	0.70	_	1.53								
Agency/Quasi Agency	0.16	_	0.89	1							
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	10							
Asset-Backed	9.49	_	10.32		- 1						
Covered Bond	0.01	_	0.05								
Municipal	0.05	-	0.79	[]							
Cash & Equivalents	24.39	-	23.85								
Other	13.42	_	0.79								
				0%	5	10	15	20	25	30	3

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Irs Usd 3.00000 06/19/19-5y Cme	06-2024	14.34	14.34	-
lrs 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



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)

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

Quantitative Screens

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

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

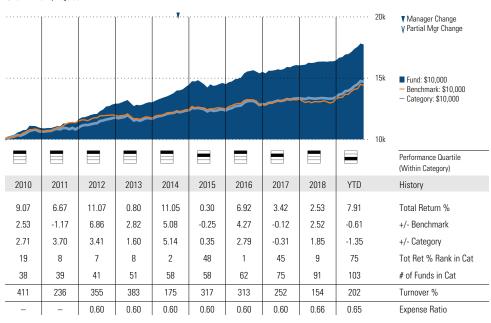
Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.65 is 17.72% lower than the World Bond-USD Hedged category average.

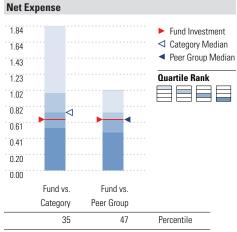
Morningstar Investment Management LLC Analysis

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

Growth of \$10,000







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

26/56

Rank

• . • • • • • • • • • • • • • • • • • •			
	Fund	Bmark	Cat
Alpha	2.84	_	1.46
Beta	0.47	-	0.68
R-Squared	50.33	_	66.43
Standard Deviation	2.23	3.35	2.80
Sharpe Ratio	1.21	0.41	0.68
Tracking Error	2.36	_	2.04
Information Ratio	0.58	_	0.28
Up Capture Ratio	78.53	_	85.26
Down Capture Ratio	13.73	_	53.20

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	8.07	4.43	_
Avg Eff Maturity	10.41	_	_



34/97

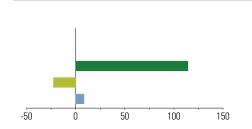
PIMCO International Bond (USD-Hdg) I-2 PFBPX

Morningstar Category
World Bond-USD Hedged

Morningstar Index

BBgBarc US Agg Bond TR USD

Style	Anal	ysis a	s of 09-30-2019
Style	Breako	lown	
Fixed I	ncome		Quality
			High
			Mid
			Low
Ltd Duration	Mod	Ext	



Asset Allocation as of 09-30-2019

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

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	_
В	1.00	0.00	_
Below B	3.00	0.00	_
Not Rated	0.00	2.46	-

Sector Weighting as of 09-												
	Fund	Bmark	Cat	Fund	7	Benchma	ark [] C	Category	Average			
Government	38.88	-	-									
Treasury	8.73	-	_									
Inflation – Protected	1.63	_	-									
Agency/Quasi Agency	2.06	_	-									
Other Government Related	26.46	_	_									
Corporate	4.96	-	-									
Corporate Bond	4.02	_	_									
Bank Loan	0.16	-	_	İ								
Convertible	0.78	-	_									
Preferred	0.00	_	_	i								
Securitized	8.97	-	_									
Agency MBS Pass-Through	4.41	-	_									
Agency MBS ARM	0.00	-	_	į								
Agency MBS CMO	0.05	-	_	į								
Non-Agency Residential MBS	0.55	_	_									
Commercial MBS	0.04	-	_	į								
Asset-Backed	1.88	_	_									
Covered Bond	2.04	_	_									
Municipal	0.03	_	-	i								
Cash & Equivalents	29.29	-	-									
Other	17.05	-	-									
				0%	5	10	15	20	25	30	35	40

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

Total Holdings 1621



PIMCO Short-Term I2 PTSPX

Morningstar Category Ultrashort Bond

Morningstar Index

BBgBarc US Agg Bond TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

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

Style Consistency is not calculated for Fixed Income funds.

× *Net Expense:* The fund's expense ratio of 0.6 is 30.43% higher than the Ultrashort Bond category average.

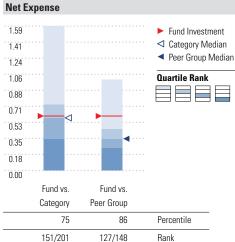
Morningstar Investment Management LLC Analysis

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

Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	2.57	_	1.78
Beta	-0.11	_	0.04
R-Squared	26.83	_	22.18
Standard Deviation	0.70	3.35	0.43
Sharpe Ratio	0.85	0.41	0.72
Tracking Error	3.76	_	3.22
Information Ratio	-0.17	_	-0.31
Up Capture Ratio	15.10	_	22.90
Down Capture Ratio	-45.80	_	-18.90

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	0.46	4.43	0.95
Avg Eff Maturity	1.20	_	1.94



PIMCO Short-Term I2 PTSPX

Style Analysis as of 09-30-2019
Style Breakdown
Fixed Income

Quality

Given the second of the secon

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	28.00	3.53	34.16
AA	9.00	74.59	12.79
A	29.00	10.82	26.67
BBB	25.00	8.32	20.77
BB	7.00	0.28	1.54
В	2.00	0.00	0.42
Below B	0.00	0.00	0.32
Not Rated	0.00	2.46	3.32

Asset Allocation as of 09-30-2019 Asset Class Cat% Net % US Stocks 0.00 0.01 Non-US Stocks 0.00 0.00 Bonds 175.91 77.26 Cash -93.73 21.04 17.82 Other 1.69 -100 -50 Ö 50 100 150 200 Total 100.00 100.00

Morningstar Category
Ultrashort Bond

Morningstar Index

BBgBarc US Agg Bond TR USD

	Fund	Bmark	Cat	Fund	▼ Benchmark	Category	Avorago		
_				runu	Delicilliark	[] Gategory	Average		
Government	45.76	-	12.88		: :	1 1	: :	: :	
Treasury	0.00	_	2.92						
Inflation – Protected	0.14	-	0.18						
Agency/Quasi Agency	0.37	_	1.82						
Other Government Related	45.25	-	7.96						
Corporate	12.86	-	37.18						
Corporate Bond	12.12	_	35.88				0		
Bank Loan	0.25	_	0.22						
Convertible	0.49	_	1.08						
Preferred	0.00	_	0.00	Ò					
Securitized	5.49	-	23.25						
Agency MBS Pass-Through	1.12	_	0.84	ıı)					
Agency MBS ARM	0.01	_	0.50						
Agency MBS CM0	0.28	_	0.82	10					
Non-Agency Residential MBS	0.55	_	0.71	10					
Commercial MBS	0.71	_	3.94						
Asset-Backed	2.82	_	16.34						
Covered Bond	0.00	_	0.10	0					
Municipal	0.09	-	1.41						
Cash & Equivalents	33.74	_	24.61						
Other	1.87	_	0.58	()m					

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
Ois Usd FedI01/2.336 12/18/19 Lch	03-2020	93.79	93.79	_
⊕ Ois Usd FedI01/2.336 12/18/19 Lch	03-2020	93.62	187.41	_
⊕ 90 Day Eurodollar Future June20	06-2020	65.13	252.54	_
⊕ Irs Usd R 3ml/1ml+12.5 06/21/19-20 Cme	06-2020	59.55	312.10	_
⊕ Irs Usd R 3ml/1ml+12.5 06/21/19-20 Cme	06-2020	59.55	371.64	-
⊖ Ois Usd FedI01/2.5 03/01/19 Lch	03-2020	50.07	421.71	_
⊕ Ois Usd FedI01/2.5 03/01/19 Lch	03-2020	49.87	471.58	_
→ Ois Usd FedI01/2.3 03/01/19 Lch	03-2022	37.12	508.69	_
⊕ Ois Usd FedI01/2.3 03/01/19 Lch	03-2022	36.36	545.05	_
⊕ Fin Fut Euribor Ice (Grn) 03/14/22	03-2022	31.99	577.05	_

Total Holdings 1487



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

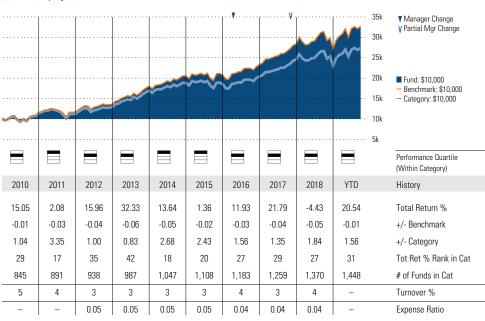
Quantitative Screens

- 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.

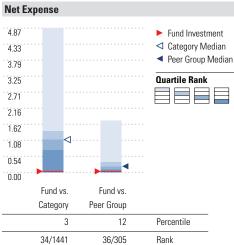
Morningstar Investment Management LLC Analysis

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







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



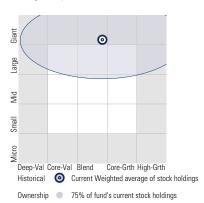
Vanguard 500 Index Admiral VFIAX

Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

Style Analysis as of 09-30-2019

Morningstar Style Box™



Style Breakdown

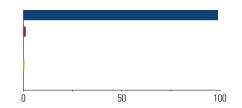
Equity

28	31	31	raige
4	4	2	2
0	0	0	ollali
Value	Blend	Growth	

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 09-30-2019



Asset Class	Net %	Cat%
US Stocks	98.74	94.56
Non-US Stocks	0.99	2.95
Bonds	0.00	0.37
Cash	0.27	0.92
Other	0.00	1.18
Total	100.00	100.00

Sec	ctor Weighting as of 09-3	30-2019												
		Fund	Bmark	Cat	Fund		▼ Bench	mark	[] Cateo	gory Ave	erage	_		
Դ	Cyclical	33.07	33.06	34.49										
A	Basic Materials	2.41	2.40	2.73										
A	Consumer Cyclical	11.77	11.76	11.95				1						
	Financial Services	15.67	15.68	16.57										
ŵ	Real Estate	3.22	3.22	3.24										
W	Sensitive	41.68	41.65	40.62										
0	Communication Services	3.41	3.41	2.85										
•	Energy	4.52	4.52	4.44										
Ф	Industrials	10.40	10.39	11.24										
	Technology	23.35	23.33	22.09										
→	Defensive	25.25	25.28	24.88										
Ħ	Consumer Defensive	8.12	8.12	8.21										
+	Healthcare	13.54	13.57	13.79										
•	Utilities	3.59	3.59	2.88		ľ								
					0%	5	10	15	20	25	30	35	40	45

Top 15 Holdings as of 09-30-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	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
	1.20	23.90	30.94	Financial Services
⊕ AT&T Inc	1.12	25.01	37.95	Communication Svc
The Home Depot Inc The Home Depo	1.03	26.04	37.41	Consumer Cyclical
Verizon Communications Inc	1.01	27.05	10.58	Communication Svc

Total Holdings 516



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

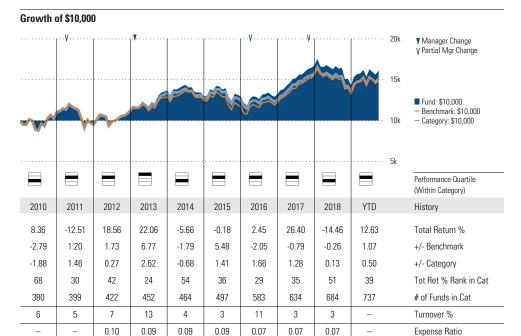
❷ Performance: The fund has finished in the Foreign Large
Blend category's top three quartiles in 10 of the 10 years
it's been in existence.

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

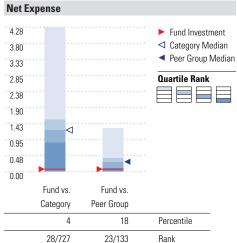
 Net Expense: The fund's expense ratio of 0.07 is 92.93% lower than the Foreign Large Blend category average.

Morningstar Investment Management LLC Analysis

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







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



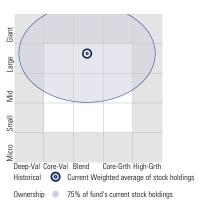
Vanguard Developed Markets Index Admiral VTMGX

Morningstar CategoryForeign Large Blend

Morningstar Index MSCI ACWI Ex USA NR USD

Style Analysis as of 09-30-2019

Morningstar Style Box™



Style Breakdown

Equity

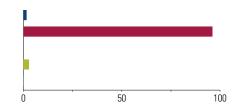
29	23	22	Large
7	7	6	Mid
2	2	2	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

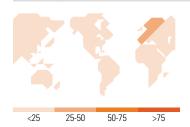




Asset Class	Net %	Cat%
US Stocks	1.43	3.97
Non-US Stocks	95.96	93.13
Bonds	0.00	-0.32
Cash	2.56	2.53
Other	0.06	0.69
Total	100.00	100.00

		Fund	Dmark	Cot	F	ı	Danah		I Catao					
		Fund	Bmark	Cat	Fund	1	Bench	mark	Categ	jory Ave	erage			,
b	Cyclical	42.34	43.59	41.30									ال	ı
ė.	Basic Materials	8.27	7.74	7.61			0							
A	Consumer Cyclical	11.41	10.98	11.81										
æ	Financial Services	18.61	21.61	19.04					= [] '					
f	Real Estate	4.05	3.26	2.84								į		
M	Sensitive	33.57	34.08	33.82										
	Communication Services	3.41	4.11	3.69		•[
ð	Energy	6.21	6.84	5.62			· .							
Ф	Industrials	13.99	11.09	13.53				•0						
	Technology	9.96	12.04	10.98						_				
→	Defensive	24.09	22.31	24.87										
	Consumer Defensive	10.58	10.32	11.24										
٠	Healthcare	10.05	8.64	10.67										
•	Utilities	3.46	3.35	2.96										
					0%	5	10	15	20	25	30	35	40	4

World Regions % Equity 09-30-2019



	Fund %	Cat %
Greater Asia	36.69	36.43
Japan	22.29	19.66
Australasia	6.17	4.98
Asia-4 Tigers	7.68	6.53
Asia-ex 4 Tigers	0.55	5.26
Not Classified	0.00	0.00

Americas	Fund % 10.36	Cat % 8.45	Greater Europe	Fund % 52.96	Cat % 55.12	Market Maturity	Fund %
North America	10.33	7.36	United Kingdom	13.89	14.36	Developed Markets	98.69
Central/Latin	0.03	1.09	W euro-ex UK	37.86	39.52	Emerging Markets	1.31
			Emrgng Europe	0.72	0.44	Not Available	0.00
			Africa	0.49	0.80		

Top 10 Holdings as of 09-30-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
① 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

 \oplus Increase \ominus Decrease $\ref{eq:Decrease}$ New to Portfolio



Vanguard Interm-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.

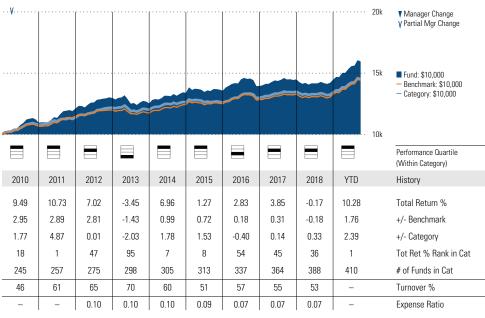
Style Consistency is not calculated for Fixed Income funds.

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

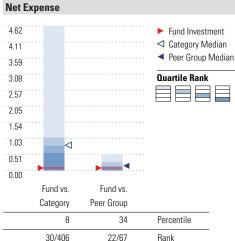
Morningstar Investment Management LLC Analysis

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







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

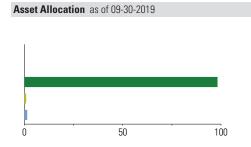


Vanguard Interm-Term Bond Index Adm VBILX

Morningstar Category Intermediate Core Bond Morningstar Index

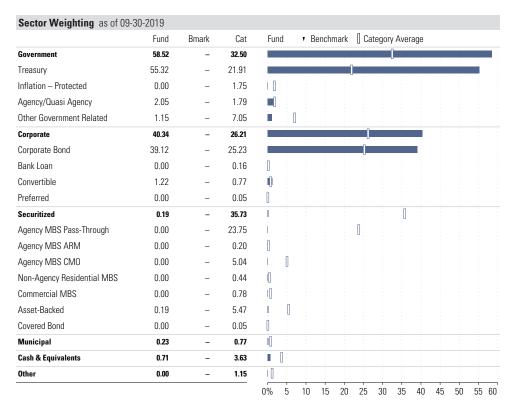
BBgBarc US Agg Bond TR USD





0.00 0.00 98.08 0.71 1.22	-0.15 0.00 100.71 -2.35 1.79
0.00 98.08	0.00
0.00	0.00
0.00	-0.15
Net %	Cat%
	Net %

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



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



Vanguard International Value Inv VTRIX

Morningstar Category Foreign Large Value

Morningstar Index MSCI EAFE NR USD

Portfolio Manager(s)

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

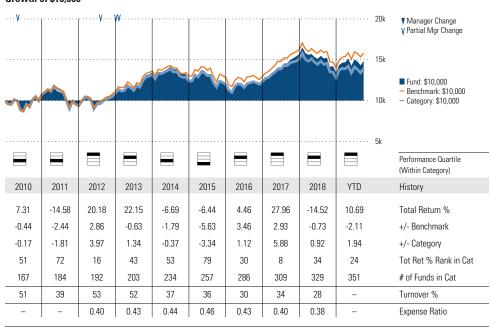
Quantitative Screens

- Performance: The fund has finished in the Foreign Large Value category's top three quartiles in 9 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 11.38 years.
- × Style: The fund has landed in its primary style box Large Value — 9.09 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.38 is 64.81% lower than the Foreign Large Value category average.

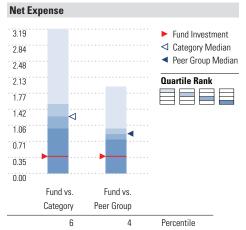
Morningstar Investment Management LLC Analysis

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.

Growth of \$10,000







	21/348	7/197	Rank				
Peer gro	up is a subset of	the category an	d includes fun	ds with the			
same management style (active vs. passive) and similar share class							
characte	rictice						

3-Year KISK Welrics			
	Fund	Bmark	Cat
Alpha	-0.31	_	-2.84
Beta	1.01	_	1.02
R-Squared	95.78	_	89.43
Standard Deviation	11.42	11.07	12.01
Sharpe Ratio	0.44	0.48	0.22
Tracking Error	2.35	-	3.87
Information Ratio	-0.13	-	-0.81
Up Capture Ratio	98.90	-	92.25
Down Capture Ratio	100.54	-	110.17

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

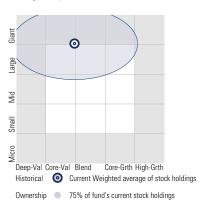


Vanguard International Value Inv VTRIX

Morningstar CategoryMorningstar IndexForeign Large ValueMSCI EAFE NR USD

Style Analysis as of 09-30-2019

Morningstar Style Box™



Style Breakdown

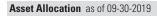
Equity

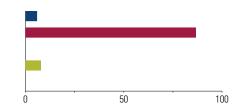
39	30	20	Large
6	4	1	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





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

Sec	ctor Weighting as of 09-	30-2019			
		Fund	Bmark	Cat	Fund Benchmark Category Average
<u></u>	Cyclical	35.81	41.16	46.75	
A	Basic Materials	2.43	7.55	9.46	
A	Consumer Cyclical	8.60	11.47	11.41	
,	Financial Services	23.59	18.49	23.82	
命	Real Estate	1.19	3.65	2.06	· ·
W	Sensitive	43.60	31.34	33.52	
	Communication Services	6.84	3.97	6.04	
•	Energy	7.46	5.38	8.87	
Ф	Industrials	11.41	13.77	12.07	
	Technology	17.89	8.22	6.54	
→	Defensive	20.60	27.50	19.73	1
Ħ	Consumer Defensive	5.50	12.02	7.17	
+	Healthcare	12.68	11.82	9.25	
	Utilities	2.42	3.66	3.31	
					0% 5 10 15 20 25 30 35 40 45 50

World Regions % Equity 09-30-2019



Greater Asia	Fund % 35.20	Cat % 32.27
Japan	16.46	17.75
Australasia	0.86	3.48
Asia-4 Tigers	9.61	7.05
Asia-ex 4 Tigers	8.27	3.99
Not Classified	0.00	0.00

Americas	Fund % 8.73	Cat % 7.72	Greater Europe	Fund % 56.06	Cat % 60.03	Market Maturity	Fund %
North America	7.20	6.97	United Kingdom	15.42	20.15	Developed Markets	88.27
Central/Latin	1.53	0.75	W euro-ex UK	38.72	38.72	Emerging Markets	11.73
			Emrgng Europe	0.46	0.64	Not Available	0.00
			Africa	1.46	0.52		

Top 10 Holdings as of 09-30-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Vanguard Market Liquidity Inv	7.56	7.56	_	_
Ð Novartis AG	2.35	9.91	11.61	Healthcare
Ð Royal Dutch Shell PLC Class A	2.20	12.10	3.81	Energy
Sanofi SA	2.17	14.27	17.56	Healthcare
Roche Holding AG Dividend Right Cert.	1.74	16.01	22.90	Healthcare
€ Samsung Electronics Co Ltd	1.64	17.65	_	Technology
DBS Group Holdings Ltd	1.50	19.15	15.05	Financial Services
Ð SAP SE	1.41	20.55	25.06	Technology
€ Sumitomo Mitsui Financial Group Inc	1.36	21.91	8.84	Financial Services
AstraZeneca PLC	1.32	23.23	32.30	Healthcare

Total Holdings 152

 \oplus Increase \ominus Decrease $\ref{eq:Decrease}$ New to Portfolio



Vanguard Mid-Cap Value Index Admiral VMVAX

Morningstar Category Mid-Cap Value

Morningstar Index Russell Mid Cap Value TR USD

Portfolio Manager(s)

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

Quantitative Screens

Performance: The fund has finished in the Mid-Cap Value category's top three quartiles in 8 of the 8 years it's been in existence.

Management: The fund's management has been in place for 13.13 years.

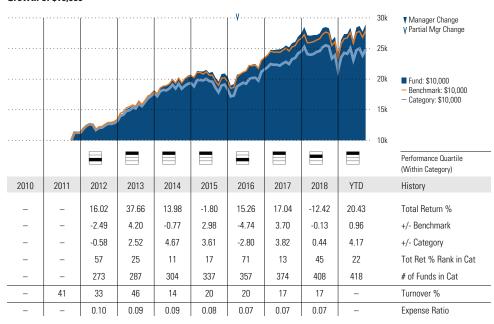
Style: The fund has landed in its primary style box — Mid-Cap Value — 100 % of the time over the past three

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

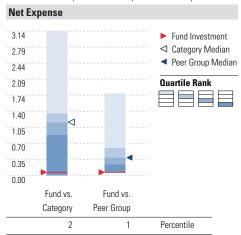
Morningstar Investment Management LLC Analysis

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

Growth of \$10,000







0/32Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

Rank

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

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



6/419

Vanguard Mid-Cap Value Index Admiral VMVAX

Morningstar Category

Mid-Cap Value

Morningstar Index Russell Mid Cap Value TR USD

Style Analysis as of 09-30-2019

Morningstar Style Box™



Style Breakdown

Equity

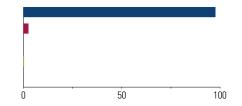
1. /			
8	10	4	Large
43	31	4	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





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

Sec	ctor Weighting as of 09-	30-2019			
		Fund	Bmark	Cat	Fund • Benchmark [] Category Average
Դ	Cyclical	51.08	51.45	48.75	
ů.	Basic Materials	5.91	5.67	5.48	
A	Consumer Cyclical	18.78	11.82	13.99	
æ	Financial Services	19.31	18.21	21.04	
ŵ	Real Estate	7.08	15.75	8.24	, T
W	Sensitive	23.61	25.16	30.89	
	Communication Services	1.86	1.04	0.72	i i
ð	Energy	3.26	5.67	5.69	
Ф	Industrials	7.53	9.89	14.19	
	Technology	10.96	8.56	10.29	
→	Defensive	25.30	23.39	20.35	
=	Consumer Defensive	4.83	5.14	5.85	
٠	Healthcare	6.52	6.62	7.31	
•	Utilities	13.95	11.63	7.19	
					0% 5 10 15 20 25 30 35 40 45 50

Top 15 Holdings as of 09-30-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Newmont Goldcorp Corp	1.47	1.47	13.19	Basic Materials
⊕ WEC Energy Group Inc	1.42	2.90	39.86	Utilities
⊕ Motorola Solutions Inc	1.34	4.23	49.62	Technology
⊕ Eversource Energy	1.31	5.54	33.88	Utilities
⊕ FirstEnergy Corp	1.22	6.76	31.48	Utilities
Willis Towers Watson PLC	1.18	7.94	28.36	Financial Services
⊕ DTE Energy Co	1.16	9.10	23.11	Utilities
⊕ Entergy Corp	1.11	10.20	39.53	Utilities
⊕ American Water Works Co Inc	1.06	11.27	38.47	Utilities
◆ The Hartford Financial Services Group Inc	1.04	12.31	38.38	Financial Services
⊕ Ameren Corp	0.96	13.27	24.90	Utilities
	0.95	14.22	12.46	Financial Services
⊖ Clorox Co	0.91	15.12	0.46	Consumer Defensive
⊕ D.R. Horton Inc	0.88	16.00	53.38	Consumer Cyclical
⊕ Keysight Technologies Inc	0.86	16.87	56.65	Technology

Total Holdings 203



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

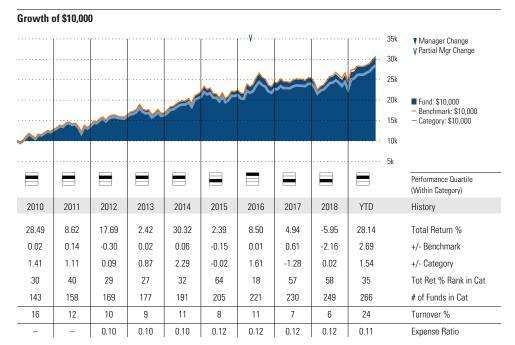
❷ Performance: The fund has finished in the Real Estate category's top three quartiles in 10 of the 10 years it's been in existence.

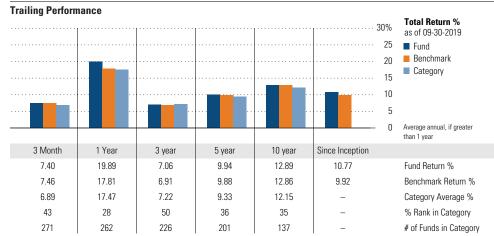
Management: The fund's management has been in place for 23.4 years.

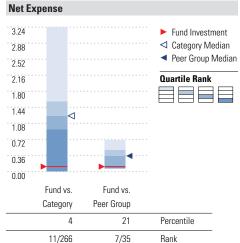
Net Expense: The fund's expense ratio of 0.11 is 90.35% lower than the Real Estate category average.

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.







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



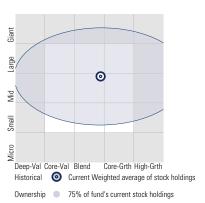
Vanguard Real Estate Index Admiral VGSLX

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

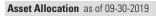
Equity

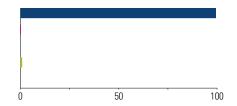
6	24	19	Large
9	25	6	MIN
4	5	2	SIIIdii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





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

		Fund	Bmark	Cat	Fund	•	В	enchmar	k] Ca	tego	ry A	ver	age			
٠	Cyclical	99.97	99.13	99.19													
-	Basic Materials	0.29	0.00	0.13	ĺ												
•	Consumer Cyclical	0.00	0.13	0.68													
<u></u>	Financial Services	0.01	0.00	0.09													
à	Real Estate	99.67	99.00	98.29							•	•	•				
UF.	Sensitive	0.03	0.87	0.72	ĺ												
	Communication Services	0.00	0.00	0.00													
	Energy	0.00	0.00	0.02													
ŀ	Industrials	0.03	0.87	0.06	[
1	Technology	0.00	0.00	0.64	į												
+	Defensive	0.00	0.00	0.10													
7	Consumer Defensive	0.00	0.00	0.00													
	Healthcare	0.00	0.00	0.05													
1	Utilities	0.00	0.00	0.05	ľ												

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 ■ Welltower Inc Wel	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



Vanguard Small Cap Value Index Admiral VSIAX

Morningstar Category

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.

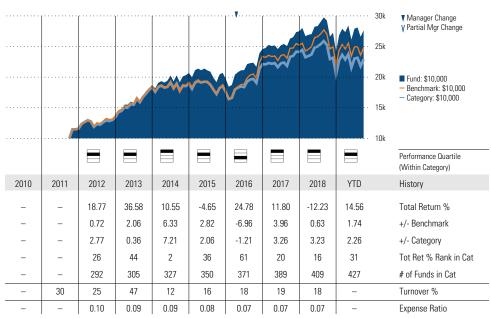
× Style: The fund has landed in its primary style box — Small Value — 57.14 % of the time over the past three

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

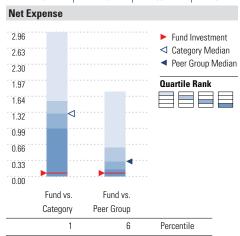
Morningstar Investment Management LLC Analysis

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









2/38 Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

Rank

3-Year Risk Metrics			
	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			
	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



4/423

Vanguard Small Cap Value Index Admiral VSIAX

Morningstar Category

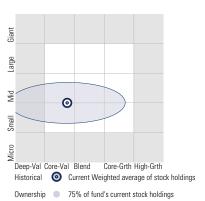
Small Value

Morningstar Index

Russell 2000 Value TR USD

Style Analysis as of 09-30-2019

Morningstar Style Box™



Style Breakdown

Equity

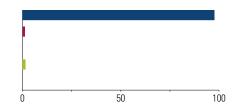
0	0	0	Large
26	20	8	Mid
23	18	5	Small

Weight %

>50 25-50 10-25 0-10

Value Blend Growth





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

360	etor Weighting as of 09-	50-2019			
		Fund	Bmark	Cat	Fund Fenchmark Category Average
Մ	Cyclical	55.51	58.82	57.12	
A	Basic Materials	6.63	5.12	7.49	
A	Consumer Cyclical	13.93	11.85	13.64	
	Financial Services	21.44	27.63	26.41	
命	Real Estate	13.51	14.22	9.58	
W	Sensitive	30.35	27.03	31.80	
d	Communication Services	0.42	0.98	0.54	
•	Energy	2.69	4.90	4.64	
Ф	Industrials	16.67	12.61	15.57	
	Technology	10.57	8.54	11.05	
→	Defensive	14.15	14.14	11.09	
Ħ	Consumer Defensive	4.05	3.11	3.74	
+	Healthcare	4.46	4.54	3.35	
•	Utilities	5.64	6.49	4.00	-
					0% 5 10 15 20 25 30 35 40 45 50 55 60

Top 15 Holdings as of 09-30-2019 % Net Asset Cumulative % YTD Return % Name 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 ① UGI Corp 3.80 Utilities 0.53 -4.11 Booz Allen Hamilton Holding Corp Class A 0.50 4.30 59.11 Industrials → Teradyne Inc. 0.49 4.79 85.40 Technology 31.05 Allegion PLC 0.49 5.28 Industrials Aqua America Inc 0.48 5.76 33.09 Utilities ① 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



Vanguard Value Index Adm VVIAX

Portfolio Manager(s)

Gerard O'Reilly since 12-1994 Walter Neiman 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.

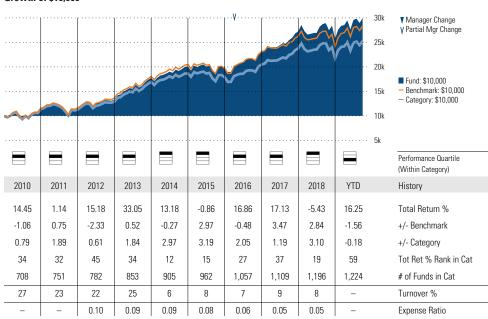
Morningstar Investment Management LLC Analysis

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.

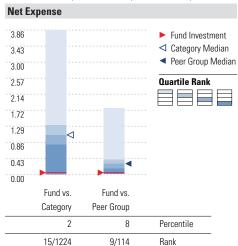


Morningstar Index Russell 1000 Value TR USD

Growth of \$10,000







3-1 car bisk intenies			
	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

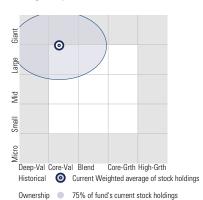
Morningstar Category Large Value

Morningstar Index

Russell 1000 Value TR USD

Style Analysis as of 09-30-2019

Morningstar Style Box™



Style Breakdown

Equity

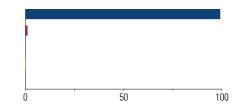
	36	2	Large
8	4	0	MIG
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Asset Class	Net %	Cat%
US Stocks	98.97	91.42
Non-US Stocks	0.87	5.85
Bonds	0.00	-0.15
Cash	0.16	2.28
Other	0.00	0.60
Total	100.00	100.00

		Fund	Bmark	Cat	Fund	4 .	Bench	mark	Categ	οηι Λιιο	rago			
_					Full		Dencii	IIIdIK	ll carea	UIY AVE	aye	1 0		,
Դ	Cyclical	32.32	41.55	36.55		,						-		
A	Basic Materials	2.36	3.99	3.23										
A	Consumer Cyclical	6.42	8.38	8.94			0			_ :				
æ	Financial Services	21.86	23.32	20.81						'				
ŵ	Real Estate	1.68	5.86	3.57							-			
W	Sensitive	30.68	29.42	34.74										
	Communication Services	4.41	5.32	5.24										
ð	Energy	7.29	8.43	8.53			١							
¢	Industrials	10.62	9.09	9.86		,								
	Technology	8.36	6.58	11.11							_:			
—	Defensive	36.99	29.04	28.72			-							
=	Consumer Defensive	12.10	9.73	9.81										
+	Healthcare	18.00	12.37	13.45										
•	Utilities	6.89	6.94	5.46										
					0%	5	10	15	20	25	30	35	40	4

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
	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
	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
	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

