American Century Ultra® R6 AULDX

Morningstar Category Large Growth

Morningstar Index

Russell 1000 Growth TR USD

Portfolio Manager(s)

Michael Li since 12-2008 Keith Lee since 12-2008 Jeffrey Bourke since 12-2008

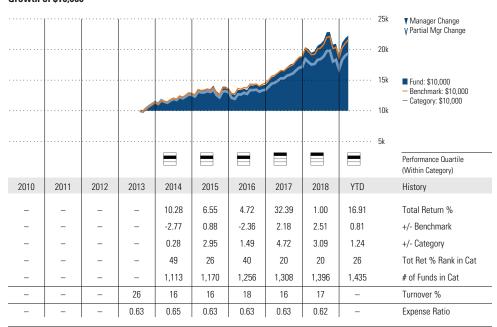
Quantitative Screens

- Performance: The fund has finished in the Large Growth category's top three quartiles in 5 of the 5 years it's been in
- Management: The fund's management has been in place for 10.28 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 40.38% lower than the Large Growth category average.

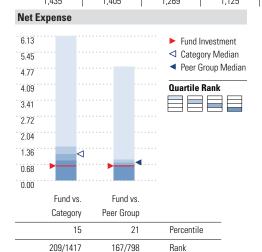
Morningstar Investment Management LLC Analysis

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







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

3-Year KISK Welfics			
	Fund	Bmark	Cat
Alpha	1.17	_	-0.67
Beta	1.04	_	0.99
R-Squared	97.08	_	89.81
Standard Deviation	12.89	12.19	12.79
Sharpe Ratio	1.29	1.22	1.10
Tracking Error	2.26	_	4.11
Information Ratio	0.90	_	-0.38
Up Capture Ratio	104.81	_	95.28
Down Capture Ratio	94.10	_	97.60

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	22.69	21.82	23.08
Price/Book Ratio	4.44	5.15	4.39
Geom Avg Mkt Cap \$B	65.08	55.71	72.96
ROE	22.81	27.80	23.94



American Century Ultra® R6 AULDX

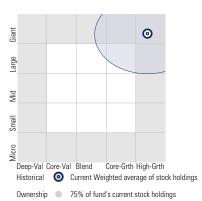
Morningstar Category Large Growth

Morningstar Index

Russell 1000 Growth TR USD

Style Analysis as of 03-31-2019

Morningstar Style Box™



Style Breakdown

Equity

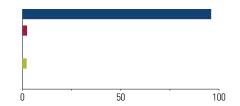
4	19		Large
0	3	8	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 03-31-2019



Total	100.00	100.00
Other	0.00	0.73
Cash	1.97	1.81
Bonds	0.00	0.04
Non-US Stocks	2.17	5.33
US Stocks	95.86	92.09
Asset Class	Net %	Cat%

	0 0		р .	0.	-			-	. п	۰.						
		Fund	Bmark	Cat	Fun	a	▼ Be	nchma	ark []	Cateo	jory Av	/erage				
Դ	Cyclical	38.56	29.87	32.64												
A	Basic Materials	1.34	1.66	1.79					_							
A	Consumer Cyclical	22.15	17.44	17.05												
,	Financial Services	15.07	9.04	12.75		÷	V:									
侖	Real Estate	0.00	1.73	1.05	i []											
W	Sensitive	41.46	51.01	45.93												
	Communication Services	0.00	1.26	2.28	[]											
•	Energy	1.63	0.74	1.59												
Ф	Industrials	7.38	12.92	9.56				1								
	Technology	32.45	36.09	32.50] [
-	Defensive	19.99	19.12	21.43					_ [
Ħ	Consumer Defensive	4.71	6.12	5.03		■(
+	Healthcare	15.28	13.00	15.87												
•	Utilities	0.00	0.00	0.53	0											
					0%	5	10	15	20	25	30	35	40	45	50	55

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
				3
Apple Inc	8.32	8.32	20.88	Technology
Amazon.com Inc	6.58	14.91	18.56	Consumer Cyclical
Mastercard Inc A	4.77	19.68	24.98	Financial Services
Visa Inc Class A	4.76	24.44	18.57	Financial Services
	3.74	28.18	27.16	Technology
UnitedHealth Group Inc	3.57	31.74	-0.39	Healthcare
Alphabet Inc Class C	3.50	35.24	_	Technology
Boeing Co	2.94	38.19	18.91	Industrials
Alphabet Inc A	2.88	41.07	12.63	Technology
TJX Companies Inc	2.63	43.70	19.37	Consumer Cyclical
Intuitive Surgical Inc	2.62	46.31	19.14	Healthcare
⊕ The Walt Disney Co	2.34	48.65	1.26	Consumer Cyclical
Microsoft Corp	2.29	50.94	16.57	Technology
PayPal Holdings Inc	2.26	53.20	_	Financial Services
Salesforce.com Inc	2.10	55.30	15.62	Technology

Total Holdings 69



American Funds American Balanced R6 RLBGX

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

Fauity

Morningstar Mod Tgt Risk TR USD

Turnover %

Expense Ratio

Portfolio Manager(s)

John Smet since 01-1997
Hilda Applbaum since 01-1999
Gregory Johnson since 03-2003
James Mulally since 03-2006
Alan Berro 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 9 of the 9 years it's been in existence.

Management: The fund's management has been in place for 22.26 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
 74.31% 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.





79

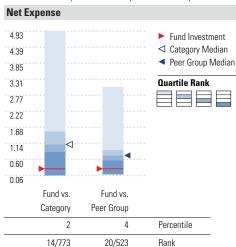
0.29

95

0.28

72

0.28



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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.36	-	-1.16
Beta	0.97	-	1.07
R-Squared	93.30	-	89.99
Standard Deviation	6.16	6.11	6.95
Sharpe Ratio	1.26	1.08	0.88
Tracking Error	1.60	-	2.27
Information Ratio	0.77	-	-0.39
Up Capture Ratio	107.19	-	100.12
Down Capture Ratio	94.35	-	113.93

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	18.53	17.25	17.99
Price/Book Ratio	2.62	2.05	2.31
Avg Eff Duration	5.99	5.24	4.79



37

47

54

0.30

55

0.29

68

0.29

82

0.29



American Funds American Balanced R6 RLBGX

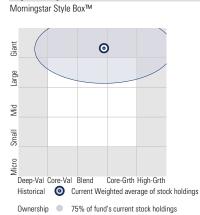
Morningstar Category Allocation--50% to 70%

Morningstar Index

Morningstar Mod Tgt Risk TR USD

Equity

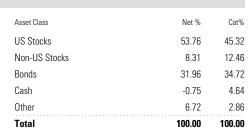
Style Analysis as of 03-31-2019





-50

Asset Allocation as of 03-31-2019



Style Breakdown

Equity Large 28 Mid2 2 3 0 0 0



Weigh	nt %	

Value



Blend Growth

		Fund	Bmark	Cat	Fun	d '	Bench	mark	Cate	gory Ave	erage	
Դ	Cyclical	32.68	41.10	34.89								
ė.	Basic Materials	5.14	5.06	3.76								
A	Consumer Cyclical	10.53	11.34	11.04								
	Financial Services	12.90	16.91	16.77		-						
命	Real Estate	4.11	7.79	3.32			•					
W	Sensitive	42.83	36.27	39.54								
	Communication Services	3.46	3.43	3.39		•						
ð	Energy	9.57	5.65	5.90								
Ф	Industrials	7.49	11.06	11.02								
	Technology	22.31	16.13	19.23						L.		
—	Defensive	24.48	22.63	25.59								
Ħ	Consumer Defensive	8.12	7.99	7.67			0					
+	Healthcare	15.35	10.89	14.55								
•	Utilities	1.01	3.75	3.37		[

100

50

Top 10 Holdings as of 03-31-2019					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Cap Grp Cent Fd Ser	_	6.51	6.51	_	_
⊕ Microsoft Corp	_	4.09	10.61	16.57	Technology
⊕ UnitedHealth Group Inc	_	2.57	13.18	-0.39	Healthcare
⊕ The Home Depot Inc	_	2.07	15.25	12.47	Consumer Cyclical
⊖ Berkshire Hathaway Inc A	-	1.78	17.03	-1.56	Financial Services
→ Philip Morris International Inc	_	1.49	18.52	34.11	Consumer Defensive
⊕ Nike Inc B	_	1.46	19.98	13.88	Consumer Cyclical
⊕ Intel Corp	_	1.43	21.40	15.10	Technology
⇒ Broadcom Inc	_	1.35	22.76	19.30	Technology
⊕ DowDuPont Inc	_	1.33	24.09	0.39	Basic Materials

Total Holdings 1675



American Funds Capital World Gr&Inc R6 RWIGX

Morningstar Category World Large Stock

Morningstar Index MSCI ACWI Ex USA NR USD

Portfolio Manager(s)

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

Quantitative Screens

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

Management: The fund's management has been in place for 26.03 years.

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

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

Morningstar Investment Management LLC Analysis

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 Fund: \$10,000 Benchmark: \$10,000 - Category: \$10,000 Performance Quartile (Within Category) 2010 2011 2012 2013 2014 2015 2016 2017 2018 YTD History 8.10 -7.23 19.56 25.28 4.36 -1.88 6.85 25.08 -9 97 12.25 Total Return %

2.35

1.31

34

725

35

0.45

-2.11

1.47

33

790

35

0.45

4.23

-0.33

56

892

49

0.44

1.94

-0.02

46

958

+/- Benchmark

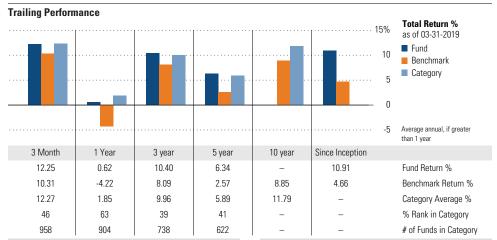
+/- Category

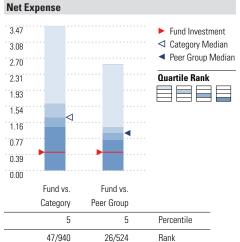
Turnover %

Expense Ratio

Tot Ret % Rank in Cat

of Funds in Cat





6.48

0.70

42

440

27

2.73

3.72

23

476

23

0.45

9.99

0.09

51

551

24

0.45

8.23

1.57

30

617

36

0.44

3.78

-0.19

55

668

35

0.45

-3.05

-5.64

84

406

25

26/524 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	3.13	-	2.87
Beta	0.87	-	0.87
R-Squared	91.10	_	73.88
Standard Deviation	9.63	10.56	10.69
Sharpe Ratio	0.94	0.67	0.82
Tracking Error	3.18	_	5.76
Information Ratio	0.73	_	0.33
Up Capture Ratio	94.18	_	90.55
Down Capture Ratio	71.27	-	68.59

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



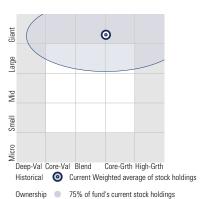
American Funds Capital World Gr&Inc R6 RWIGX

Morningstar Category World Large Stock

Morningstar Index MSCI ACWI Ex USA NR USD

Style Analysis as of 03-31-2019

Morningstar Style Box™



Style Breakdown

Equity

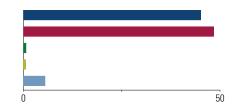
. ,			
26	34	34	Luigo
1	2	3	19110
0	0	0	OI I

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

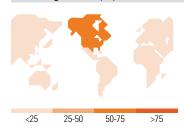
Asset Allocation as of 03-31-2019



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

		Fund	Bmark	Cat	Fund Fenchmark Category Average
Ն	Cyclical	34.28	44.07	36.55	
ů.	Basic Materials	4.97	7.90	4.29	
4	Consumer Cyclical	12.05	11.01	13.14	
,	Financial Services	13.38	21.61	17.05	
ŧ	Real Estate	3.88	3.55	2.07	
M	Sensitive	40.22	34.15	38.57	
	Communication Services	3.13	4.08	3.24	
•	Energy	7.28	7.42	4.52	
¢	Industrials	8.46	10.74	11.70	
	Technology	21.35	11.91	19.11	
→	Defensive	25.51	21.78	24.87	
=	Consumer Defensive	8.07	10.08	8.55	
٠	Healthcare	13.66	8.40	13.64	
•	Utilities	3.78	3.30	2.68	

World Regions % Equity 03-31-2019



Greater Asia	Fund % 19.26	Cat % 16.50	
Japan	3.67	5.92	
Australasia	0.36	1.05	
Asia-4 Tigers	8.65	3.75	
Asia-ex 4 Tigers	6.58	5.78	
Not Classified	0.00	0.00	

Americas	Fund % 53.08	Cat % 58.54	Greater Europe	Fund % 27.65	Cat % 24.97	Market Maturity	Fund %
North America Central/Latin	50.55 2.53	57.62 0.92	United Kingdom W euro-ex UK Emrgng Europe Africa	10.38 16.38 0.45 0.44	7.12 16.92 0.31 0.62	Developed Markets Emerging Markets Not Available	90.25 9.75 0.00

Top 10 Holdings as of 03-31-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Cap Grp Cent Fd Ser	5.01	5.01	_	_
⊖ Broadcom Inc	2.76	7.77	19.30	Technology
⊕ AbbVie Inc	1.99	9.76	-11.42	Healthcare
	1.83	11.59	16.57	Technology
⊕ Novartis AG	1.51	13.10	18.97	Healthcare
Netflix Inc	1.47	14.57	33.21	Consumer Cyclical
⊕ UnitedHealth Group Inc	1.45	16.02	-0.39	Healthcare
⊕ Facebook Inc A	1.38	17.40	27.16	Technology
⊕ Intel Corp	1.34	18.74	15.10	Technology
⊕ Airbus SE	1.29	20.03	40.69	Industrials

Total Holdings 351

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



American Funds Europacific Growth R6 RERGX

Morningstar Category Foreign Large Growth

Morningstar Index MSCI EAFE NR USD

Portfolio Manager(s)

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

Quantitative Screens

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

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

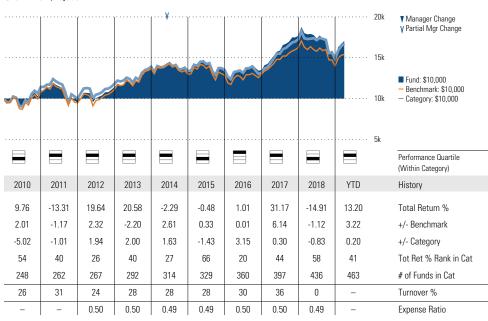
Style: The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three

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

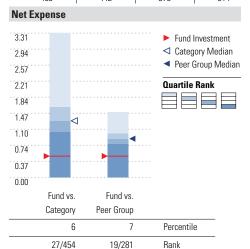
Morningstar Investment Management LLC Analysis

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







19/281 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	1.90	_	0.81
Beta	1.01	_	0.99
R-Squared	87.04	_	_
Standard Deviation	11.38	10.47	11.66
Sharpe Ratio	0.73	0.60	0.59
Tracking Error	4.10	_	5.26
Information Ratio	0.50	_	0.08
Up Capture Ratio	100.32	_	95.37
Down Capture Ratio	83.90	_	87.27

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



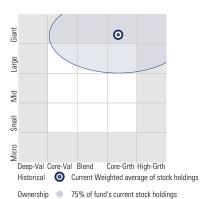
American Funds Europacific Growth R6 RERGX

Morningstar Category Foreign Large Growth

Morningstar Index MSCI EAFE NR USD

Style Analysis as of 03-31-2019

Morningstar Style Box™



Style Breakdown

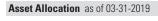
Equity

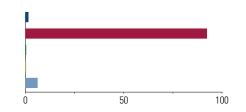
16	26	49	Large
2	2	6	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

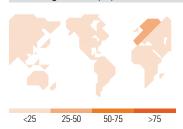




Total	100.00	100.00
Other	6.03	0.58
Cash	0.19	2.98
Bonds	0.22	0.06
Non-US Stocks	92.22	88.19
US Stocks	1.33	8.20
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 03-	31-2019			
		Fund	Bmark	Cat	Fund Benchmark Category Average
	Cyclical	42.04	42.08	36.95	
æ.	Basic Materials	8.57	7.79	6.10	
A	Consumer Cyclical	12.99	11.50	13.23	
,	Financial Services	18.68	18.86	16.75	· ·
ŵ	Real Estate	1.80	3.93	0.87	•••
W	Sensitive	38.99	30.90	36.23	
	Communication Services	1.88	3.98	1.53	
•	Energy	6.91	5.95	3.32	
Ф	Industrials	11.04	13.21	13.43	
	Technology	19.16	7.76	17.95	
→	Defensive	18.96	27.01	26.82	
Ħ	Consumer Defensive	6.52	11.92	13.37	
٠	Healthcare	9.39	11.35	12.40	
•	Utilities	3.05	3.74	1.05	
					0% 5 10 15 20 25 30 35 40 45

World Regions % Equity 03-31-2019



	Fund %	Cat %
Greater Asia	49.18	32.42
Japan	13.63	13.72
Australasia	0.90	2.47
Asia-4 Tigers	13.03	6.52
Asia-ex 4 Tigers	21.62	9.71
Not Classified	0.00	0.00

Americas	Fund % 11.50	Cat % 14.69	Greater Europe	Fund % 39.32	Cat % 52.88	Market Maturity	Fund %
North America	5.48	12.64	United Kingdom	10.09	13.24	Developed Markets	70.92
Central/Latin	6.02	2.05	W euro-ex UK	26.91	38.40	Emerging Markets	29.08
			Emrgng Europe	0.69	0.35	Not Available	0.00
			Africa	1.63	0.89		

Top 10 Holdings as of 03-31-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Cap Grp Cent Fd Ser	5.94	5.94	_	_
⊕ AIA Group Ltd	2.88	8.83	20.23	Financial Services
⊕ Airbus SE	2.72	11.54	40.69	Industrials
⊕ Alibaba Group Holding Ltd ADR	2.49	14.03	_	Consumer Cyclical
Reliance Industries Ltd	2.47	16.50	21.58	Energy
⊕ HDFC Bank Ltd	2.40	18.90	9.29	Financial Services
⊕ Samsung Electronics Co Ltd	1.99	20.89	-	Technology
Nintendo Co Ltd	1.65	22.54	12.18	Technology
∀ Vale SA ADR	1.49	24.04	-0.99	Basic Materials
☐ Tencent Holdings Ltd	1.46	25.50	14.97	Technology

Total Holdings 342

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



BlackRock Total Return K MPHQX

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

Portfolio Manager(s)

Rick Rieder since 08-2010 Bob Miller since 10-2011 David Rogal since 01-2017

Quantitative Screens

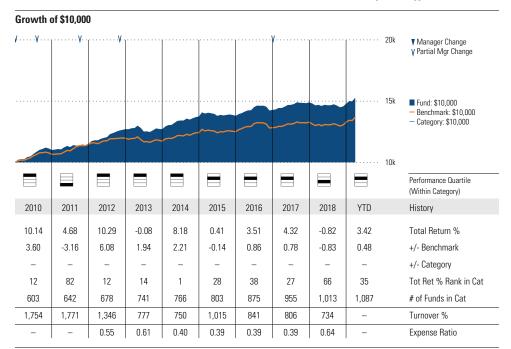
Management: The fund's management has been in place for 8.65 years.

Style Consistency is not calculated for Fixed Income funds.

◆ Net Expense: The fund's expense ratio of 0.64 is
14.67% lower than the Intermediate-Term Bond category average.

Morningstar Investment Management LLC Analysis

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





Alpha

Reta

R-Squared

Sharpe Ratio

Tracking Error

Information Ratio

Up Capture Ratio

Down Capture Ratio

Standard Deviation

IACI TV	Jense			
10.00			Fund Investm	ent
8.89			····· ⊲ Category Me	diar
7.78			Peer Group N	1edi
6.67			Quartile Rank	
5.56				
4.44				
3.33				
2.22				
1.11				
0.00				
	Fund vs.	Fund vs.		
	Category	Peer Group		
	48	78	Percentile	
	499/1049	_	Rank	
_				

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	5.81	4.43	_
Avg Eff Maturity	8.09	_	_

Fund

0.67

0.95

95.79

2 87

0.46

0.61

0.94

103.77

86.67

Bmark

2 97

0.26

Cat

0.96

0.86

84.77

2 79

0.52

1.13

0.58

99.31

75.10



BlackRock Total Return K MPHQX

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

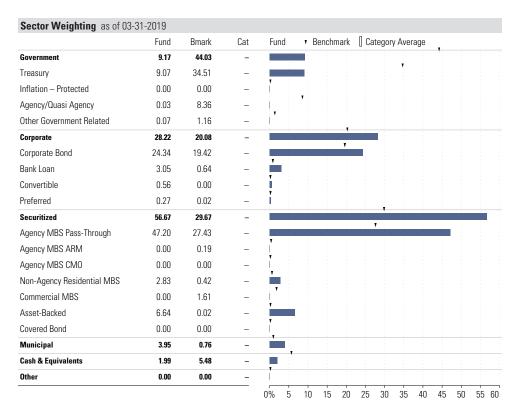


-50	0	50	100	150

Asset Allocation as of 03-31-2019

Total	100.00	100.00
Other	-8.22	_
Cash	3.13	_
Bonds	104.70	_
Non-US Stocks	0.02	_
US Stocks	0.35	-
Asset Class	Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	41.42	3.53	-
AA	6.10	74.59	-
A	13.54	10.82	_
BBB	24.03	8.32	_
BB	3.73	0.28	-
В	3.38	0.00	-
Below B	3.32	0.00	_
Not Rated	4.48	2.46	_



Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Fannie Mae Mortgage-Backed Securities: 3.50% 01/01/34-	01-2049	27.89	27.89	_
⊕ Fannie Mae Mortgage-Backed Securities: 4.50% 02/01/25-	01-2049	17.86	45.75	_
⊕ Fannie Mae Mortgage-Backed Securities: 3.50% 08/01/26-	01-2049	16.96	62.71	_
⊕ Fannie Mae Mortgage-Backed Securities: 4.50%	01-2049	11.99	74.70	_
⊕ Fannie Mae Mortgage-Backed Securities: 3.00% 04/01/28-	01-2049	10.37	85.07	_
Liabilities In Excess Of Other Assets	_	9.55	94.62	_
⊕ Ginnie Mae Mortgage-Backed Securities: 4.00% 04/20/39-	01-2049	6.82	101.44	_
⊕ Fannie Mae Mortgage-Backed Securities: 4.00% 08/01/31-	01-2057	6.12	107.56	_
⊕ Fannie Mae Mortgage-Backed Securities: 5.00% 05/01/23-	01-2049	5.14	112.70	_
⊕ Government Of Japan Treasury Bills, (0.28)%,	01-2021	3.12	115.82	_

⊕ Increase ⊕ Decrease 🕸 New to Portfolio

Total Holdings 2803



Columbia Contrarian Core Inst3 COFYX

Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

Portfolio Manager(s)

Guy Pope since 03-2005

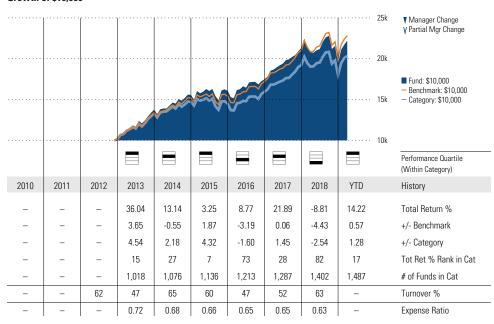
Quantitative Screens

- Performance: The fund has finished in the Large Blend category's top three quartiles in 5 of the 6 years it's been in
- Management: The fund's management has been in place for 14.01 years.
- Style: The fund has landed in its primary style box Large Blend — 74.29 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.63 is 30.77% lower than the Large Blend category average.

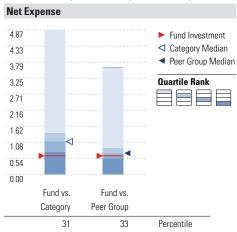
Morningstar Investment Management LLC Analysis

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







231/700 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 KISK Wietrics			
	Fund	Bmark	Cat
Alpha	-2.49	_	-1.27
Beta	1.03	_	0.97
R-Squared	96.94	_	91.55
Standard Deviation	11.23	10.73	10.83
Sharpe Ratio	0.88	1.12	0.96
Tracking Error	1.99	-	2.93
Information Ratio	-1.19	-	-1.32
Up Capture Ratio	93.91	-	90.88
Down Capture Ratio	110.08	-	97.96

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.09	18.71	17.87
Price/Book Ratio	2.49	2.74	2.65
Geom Avg Mkt Cap \$B	78.19	73.09	97.84
ROE	18.59	21.80	22.01



451/1457

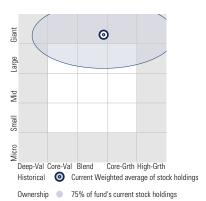
Columbia Contrarian Core Inst3 COFYX

Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

Style Analysis as of 03-31-2019

Morningstar Style Box™



Style Breakdown

Equity

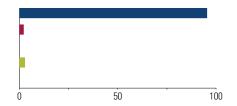
31	31	33	Large
2	2	1	MIG
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 03-31-2019



Total	100.00	100.00
Other	0.00	1.08
Cash	2.66	-2.54
Bonds	0.00	4.19
Non-US Stocks	2.01	3.15
US Stocks	95.33	94.10
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 03-3	31-2019													
		Fund	Bmark	Cat	Fund		▼ Ben	chmark	[] Ca	ategory	Avera	ge			
<u></u>	Cyclical	32.30	32.26	37.60											
A.	Basic Materials	3.81	2.46	2.78											
A	Consumer Cyclical	11.26	11.90	11.68											
æ	Financial Services	17.23	15.40	20.85											
fi	Real Estate	0.00	2.50	2.29	[
W	Sensitive	45.59	42.16	37.07											
d	Communication Services	7.06	3.56	3.37											
ð	Energy	5.30	5.43	5.15											
Ф	Industrials	8.30	10.23	7.03			• <u>'</u>								
	Technology	24.93	22.94	21.52				-		<u></u>					
—	Defensive	22.11	25.59	25.35						[
=	Consumer Defensive	7.47	7.77	7.92											
٠	Healthcare	13.67	14.49	14.68											
•	Utilities	0.97	3.33	2.75	I										
					0%	5	10	15	20	25	30	35	40	45	5

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	5.51	5.51	16.57	Technology
Apple Inc	3.64	9.15	20.88	Technology
Amazon.com Inc	3.48	12.63	18.56	Consumer Cyclical
⊕ Berkshire Hathaway Inc B	3.19	15.82	-1.61	Financial Services
Mastercard Inc A	3.03	18.85	24.98	Financial Services
⊕ Columbia Short-Term Cash	2.66	21.51	_	_
Philip Morris International Inc	2.60	24.12	34.11	Consumer Defensive
⊕ Comcast Corp Class A	2.55	26.67	17.42	Communication Svc
	2.49	29.16	0.68	Healthcare
JPMorgan Chase & Co	2.49	31.64	4.52	Financial Services
Chevron Corp	2.45	34.09	14.32	Energy
Alphabet Inc Class C	2.22	36.31	_	Technology
∃ohnson & Johnson	2.13	38.45	9.02	Healthcare
	2.11	40.56	20.38	Financial Services
Wells Fargo & Co	1.97	42.53	5.84	Financial Services

Total Holdings 80



Delaware Small Cap Value R6 DVZRX

Morningstar Category

Small Value

Morningstar Index Russell 2000 Value TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

Management: The fund's management has been in place for 21.93 years.

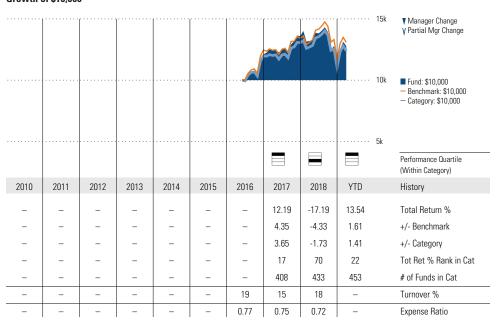
 \times *Style:* The fund has landed in its primary style box — Small Value — 35.29 % of the time over the past three years.

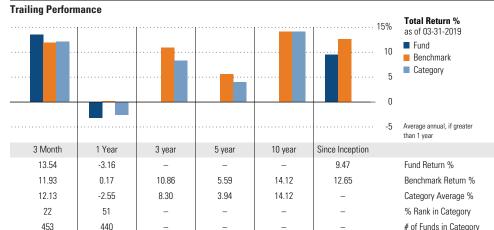
Net Expense: The fund's expense ratio of 0.72 is 39.5% lower than the Small Value category average.

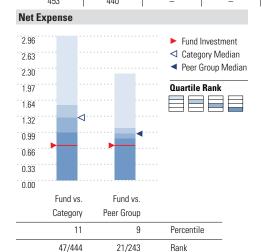
Morningstar Investment Management LLC Analysis

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

Growth of \$10,000







3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	_	_	-1.88
Beta	_	_	0.96
R-Squared	_	-	92.76
Standard Deviation	_	16.12	16.10
Sharpe Ratio	_	0.64	0.50
Tracking Error	_	-	4.31
Information Ratio	_	-	-0.68
Up Capture Ratio	_	-	88.84
Down Capture Ratio	_	_	97.04

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	_	18.52	18.01
Price/Book Ratio	_	1.45	1.65
Geom Avg Mkt Cap \$B	_	1.34	2.55
ROE	_	6.22	9.71



Delaware Small Cap Value R6 DVZRX

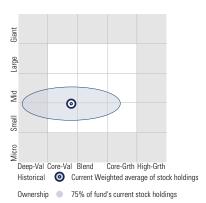
Morningstar Category Small Value

Morningstar Index

Russell 2000 Value TR USD

Style Analysis as of 03-31-2019

Morningstar Style Box™



Style Breakdown

Equity

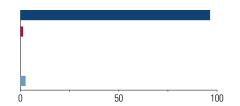
-quit,			
0	1	0	Large
22	21	6	Mid
24	21	6	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 03-31-2019



Total	100.00	100.00
Other	2.45	0.04
Cash	0.00	2.75
Bonds	0.00	-0.06
Non-US Stocks	1.22	2.51
US Stocks	96.33	94.77
Asset Class	Net %	Cat%

	ctor Weighting as of 03-		р .	0 .				По					
		Fund	Bmark	Cat	Fund	▼ Ben	chmark	ll Ca	tegory	/ Aver	age		
<u></u>	Cyclical	58.52	55.33	55.67									
A.	Basic Materials	4.46	4.61	7.13]							
A	Consumer Cyclical	14.77	9.92	13.38									
,	Financial Services	30.67	25.96	25.72									
æ	Real Estate	8.62	14.84	9.44			•		1				
W	Sensitive	32.91	30.07	33.19					-				
	Communication Services	0.97	1.15	0.59	0								
ð	Energy	5.25	4.49	4.92									
¢	Industrials	13.10	12.46	16.01									
	Technology	13.59	11.97	11.67									
→	Defensive	8.57	14.60	11.14									
=	Consumer Defensive	1.42	3.36	3.64	I								
+	Healthcare	2.79	3.91	3.44		_ :							
•	Utilities	4.36	7.33	4.06		'							

Top 15 Holdings as of 03-31-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
East West Bancorp Inc	2.73	2.73	10.73	Financial Services
⊕ Other Assets And Liabilities	2.45	5.18	_	-
MasTec Inc	2.13	7.31	18.59	Industrials
Synopsys Inc	2.08	9.39	36.69	Technology
Hancock Whitney Corp	2.01	11.40	17.37	Financial Services
Berry Global Group Inc	2.00	13.40	13.34	Consumer Cyclical
Webster Financial Corp	1.97	15.36	3.47	Financial Services
ITT Inc	1.83	17.20	20.46	Industrials
Olin Corp	1.75	18.95	16.06	Basic Materials
Selective Insurance Group Inc	1.74	20.69	4.17	Financial Services
Stifel Financial Corp	1.68	22.37	27.74	Financial Services
Tech Data Corp	1.47	23.85	25.18	Technology
Great Western Bancorp Inc	1.42	25.26	_	Financial Services
F N B Corp	1.37	26.63	8.94	Financial Services
Meritage Homes Corp	1.35	27.98	21.76	Consumer Cyclical

Total Holdings 107



Eaton Vance Income Fund of Boston R6 EIBRX

Morningstar Category High Yield Bond Morningstar Index

ICE BofAML US High Yield TR USD

Portfolio Manager(s)

Michael Weilheimer since 01-1996 Stephen Concannon since 11-2014

Quantitative Screens

❷ Performance: The fund has finished in the High Yield Bond category's top three quartiles in 4 of the 4 years it's been in existence.

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

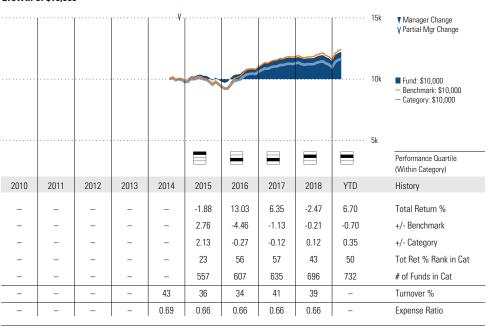
Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.66 is 34.65% lower than the High Yield Bond category average.

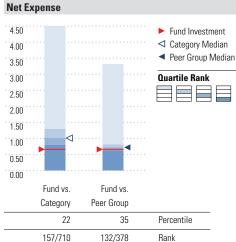
Morningstar Investment Management LLC Analysis

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

Growth of \$10,000







3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	-0.47	_	-0.49
Beta	0.81	_	0.87
R-Squared	95.01	-	89.85
Standard Deviation	3.83	4.61	4.25
Sharpe Ratio	1.31	1.53	1.31
Tracking Error	1.22	_	1.53
Information Ratio	-1.78	_	-1.33
Up Capture Ratio	77.55	_	83.92
Down Capture Ratio	84.67	_	94.45

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	3.93	_	3.09
Avg Eff Maturity	5.84	_	5.10

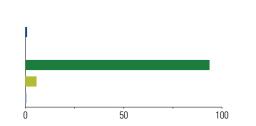


Eaton Vance Income Fund of Boston R6 EIBRX

Morningstar Category Morningstar Index High Yield Bond

ICE BofAML US High Yield TR USD





Asset Allocation as of 03-31-2019



Credit Rating Breakdown	Fund	Bmark	Cat
AAA	0.00	-	2.81
AA	0.00	_	0.24
A	0.00	_	0.98
BBB	4.61	_	4.44
BB	42.54	_	33.12
В	42.17	_	40.07
Below B	8.24	_	16.57
Not Rated	2.44	_	1.77

	Fund	Bmark	Cat	Fund	▼ Be	ench	mark	. [Ca	teg	ory A	Aver	age		
Government	0.00	_	2.42	101						-	i				
Treasury	0.00	-	0.73	0											
Inflation – Protected	0.00	-	0.00	i i											
Agency/Quasi Agency	0.00	-	0.05	İ											
Other Government Related	0.00	-	1.64	i0 i											
Corporate	94.45	_	89.65												i
Corporate Bond	86.94	_	88.07				÷	ė							
Bank Loan	7.42	_	0.35												
Convertible	0.00	_	1.06												
Preferred	0.09	_	0.17	İ											
Securitized	0.00	_	1.57	10											
Agency MBS Pass-Through	0.00	-	0.05	İ											
Agency MBS ARM	0.00	-	0.00	Ó											
Agency MBS CMO	0.00	-	0.36												
Non-Agency Residential MBS	0.00	_	0.18												
Commercial MBS	0.00	_	0.18												
Asset-Backed	0.00	_	0.80												
Covered Bond	0.00	_	0.00	i i i											
Municipal	0.00	-	0.00	l l											
Cash & Equivalents	5.55	-	4.83												
Other	0.00	_	1.51	10											

Top 10 Holdings as of 03-31-2019 Name Maturity Date % Net Asset Cumulative % Fixed Income Sector ⊕ Ev Cash Reserves Fund Llc 4.06 4.06 MPH Acquisition Holdings LLC 7.12% 06-2024 1.20 5.26 Asurion 1.07 08-2025 6.33 Sprint Corporation 7.88% 09-2023 1.01 7.34 CrownRock LP 5.62% 10-2025 0.78 8.12 Graftech Finance, Inc. 02-2025 0.70 8.82 Laureate Education, Inc. 8.25% 05-2025 0.69 9.51 ① Press Ganey Holdings, Inc. 10-2023 0.67 10.18 Jaguar Holding Co II/Pharmaceutical Product Development LLC 6.38% 08-2023 0.65 10.83 Viking Cruises, Ltd. 5.88% 09-2027 0.63 11.45

Total Holdings 462



Invesco Balanced-Risk Commodity Strat R6 IBRFX

Morningstar Category Commodities Broad Basket Morningstar Index

Bloomberg Commodity TR USD

Portfolio Manager(s)

Chris Devine since 11-2010 Scott Hixon since 11-2010 Christian Ulrich since 11-2010 Mark Ahnrud since 11-2010 Scott Wolle since 11-2010

Quantitative Screens

Performance: The fund has finished in the Commodities Broad Basket category's top three quartiles in 5 of the 6 years it's been in existence.

Management: The fund's management has been in place for 8.34 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 1.01 is 12.93% lower than the Commodities Broad Basket category average.

Morningstar Investment Management LLC Analysis

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

Growth of \$10,000 ▼ Manager Change V Partial Mgr Change Fund: \$10,000 - Benchmark: \$10,000 - Category: \$10,000 Performance Quartile (Within Category) 2010 2011 2012 2013 2014 2015 2016 2017 2018 YTD History -13.81 -15.77 -16.44 12.02 5.04 -11.87 4.62 Total Return % -4.29 1.24 8.22 0.25 3.34 -0.62 -1.70 +/- Benchmark +/- Category -5.08 2.21 7.55 -0.14 1.38 -0.35 -2.43 81 27 7 49 31 52 82 Tot Ret % Rank in Cat

110

98

1.13

113

10

1.08

89

21

0.99

85

47

0.97

152

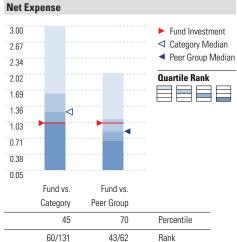
0.97

103

17

1.05





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 Wetrics			
	Fund	Bmark	Cat
Alpha	0.15	_	1.10
Beta	0.91	_	0.98
R-Squared	76.84	_	79.11
Standard Deviation	10.31	9.89	11.09
Sharpe Ratio	0.13	0.14	0.19
Tracking Error	5.03	_	4.95
Information Ratio	-0.02	_	-0.01
Up Capture Ratio	110.25	_	109.09
Down Capture Ratio	112.96	_	102.78

138

122

96

1.01

of Funds in Cat

Turnover %

Expense Ratio

Cat
7.61
2.09
34.02
1.39
3

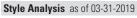


Invesco Balanced-Risk Commodity Strat R6 IBRFX

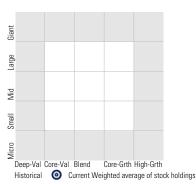
Morningstar Category Commodities Broad Basket

Morningstar Index

Bloomberg Commodity TR USD







Ownership 75% of fund's current stock holdings

Style Breakdown





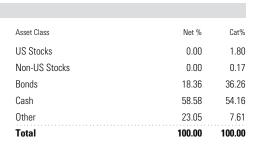
Weight %

>50 25-50 10-25 0-10



50

Asset Allocation as of 03-31-2019



Se	ctor Weighting as of 03-3	31-2019					
		Fund	Bmark	Cat	Fund	▼ Benchmark	Category Average
Դ	Cyclical	-	_	_			
A.	Basic Materials	_	-	_			
A	Consumer Cyclical	_	_	-			
,	Financial Services	_	_	-			
仓	Real Estate	_	_	_			
W	Sensitive	-	-	-			
	Communication Services	_	_	-			
•	Energy	_	_	-			
Ф	Industrials	_	_	-			
	Technology	_	_	-			
-	Defensive	-	-	-			
Ħ	Consumer Defensive	_	_	_			
٠	Healthcare	_	_	_			
•	Utilities	_	_	_			
00/							

100

Top 13 Holdings as of 03-31-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
① Invesco Cayman Commodity Fund Iii Hf	23.05	23.05	_	_
⊕ Invesco Shrt-Trm Inv Treasury InstI	19.55	42.61	_	-
⊕ Invesco Shrt-Trm Inv Gov&Agcy InstI	17.11	59.72	_	-
⊕ Invesco Shrt-Trm Inv Liq Assets InstI	12.22	71.94	_	-
United States Treasury Notes 2.47%	5.01	76.95	-	-
⊕ United States Treasury Bills 0%	4.88	81.83	_	_
United States Treasury Bills 0%	4.82	86.65	_	-
United States Treasury Notes 2.46%	4.33	90.98	_	-
United States Treasury Notes 2.42%	4.26	95.24	_	-
Barclays Bank plc 0.01%	2.10	97.35	-	-
International Bank for Reconstruction and Development 1.57%	1.74	99.08	_	_
Barclays Bk 0.1%	0.92	100.00	_	-
─ Usd Currency Cash	0.00	100.00	_	-

Total Holdings 13



Invesco Diversified Dividend R6 LCEFX

Morningstar Category Large Value

Morningstar Index

Russell 1000 Value TR USD

Portfolio Manager(s)

Meggan Walsh since 12-2002 Kristina Bradshaw since 02-2014 Robert Botard since 02-2014 Christopher McMeans since 02-2016

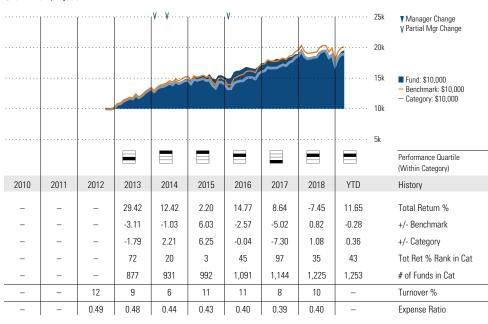
Quantitative Screens

- Performance: The fund has finished in the Large Value category's top three quartiles in 5 of the 6 years it's been in existence.
- Management: The fund's management has been in place for 16.26 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 0.4 is 58.33% lower than the Large Value category average.

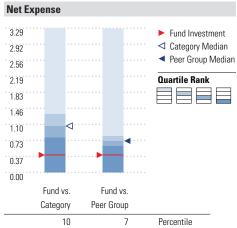
Morningstar Investment Management LLC Analysis

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

Growth of \$10,000







120/1239	46/664	Rank	
Peer group is a subset of	of the category and	d includes fund	ls with the
same management style	e (active vs. passiv	ve) and similar	share class
characteristics			

Rank

3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	-0.73	_	-0.34
Beta	0.74	-	0.99
R-Squared	88.25	_	90.71
Standard Deviation	8.39	10.63	11.11
Sharpe Ratio	0.69	0.87	0.80
Tracking Error	3.98	_	3.38
Information Ratio	-0.88	_	-0.18
Up Capture Ratio	68.69	_	96.39
Down Capture Ratio	70.64	_	97.63

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.09	16.59	16.45
Price/Book Ratio	2.20	1.83	2.17
Geom Avg Mkt Cap \$B	28.04	53.25	87.27
ROE	19.51	13.49	19.10



Invesco Diversified Dividend R6 LCEFX

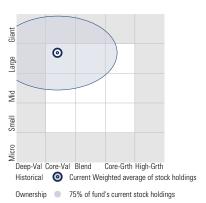
Morningstar Category Large Value

Morningstar Index

Russell 1000 Value TR USD

Style Analysis as of 03-31-2019

Morningstar Style Box™



Style Breakdown

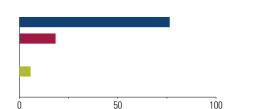
Equity

	24	9	Large
13	4	1	Mid
1	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 03-31-2019



JUUI	or Weighting as of 03-	31-2019													
		Fund	Bmark	Cat	Fun	d	▼ Be	nchma	ırk [Cate	gory Av	/erage			
b (Cyclical	22.34	37.04	36.61		_						- [
A. E	Basic Materials	2.46	3.69	3.24]									
(Consumer Cyclical	5.83	6.66	8.23		· '									
₽ F	Financial Services	14.05	21.39	22.13					[
a F	Real Estate	0.00	5.30	3.01	i [
w S	Sensitive	23.34	33.05	34.32											
	Communication Services	5.39	5.53	5.26			1								
ð E	Energy	6.59	9.78	9.59			_ [
Ģ	ndustrials	11.25	8.11	7.69											
-	Technology	0.11	9.63	11.78	į		. [
→ [Defensive	54.32	29.92	29.06											
_ (Consumer Defensive	26.83	8.44	9.62											
e F	Healthcare	8.18	15.10	14.26				[]							
🥊 l	Utilities	19.31	6.38	5.18											
					0%	5	10	15	20	25	30	35	40	45	50

Top 15 Holdings as of 03-31-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
General Mills Inc	3.27	3.27	34.16	Consumer Defensive
Entergy Corp	2.85	6.12	12.16	Utilities
The Hartford Financial Services Group Inc	2.81	8.93	12.53	Financial Services
	2.70	11.63	13.98	Consumer Defensive
⊖ Coca-Cola Co	2.69	14.32	-0.19	Consumer Defensive
AT&T Inc	2.64	16.97	11.67	Communication Svc
⊕ Exelon Corp	2.52	19.49	11.96	Utilities
→ PPL Corp Output Description: Outpu	2.45	21.94	13.49	Utilities
⊕ Dominion Energy Inc	2.39	24.33	8.56	Utilities
☐ Invesco Shrt-Trm Inv Treasury InstI	2.10	26.43	-	-
⊕ M&T Bank Corp	1.97	28.40	10.40	Financial Services
	1.95	30.35	23.20	Consumer Defensive
Kimberly-Clark Corp	1.95	32.30	9.65	Consumer Defensive
Consolidated Edison Inc	1.95	34.25	11.89	Utilities
⊖ Eli Lilly and Co	1.92	36.16	12.69	Healthcare

Total Holdings 85



MFS Mid Cap Growth R6 OTCKX

Morningstar Category Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

Portfolio Manager(s)

Eric Fischman since 11-2008 Paul Gordon since 05-2011

Quantitative Screens

Performance: The fund has finished in the Mid-Cap Growth category's top three quartiles in 5 of the 5 years it's been in existence.

Management: The fund's management has been in place for 10.36 years.

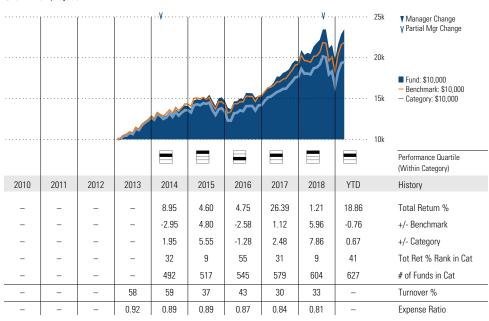
Style: The fund has landed in its primary style box — Mid-Cap Growth — 100 % of the time over the past three

Net Expense: The fund's expense ratio of 0.81 is 30.77% lower than the Mid-Cap Growth category average.

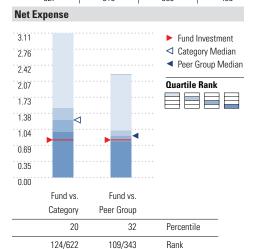
Morningstar Investment Management LLC Analysis

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









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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	2.90	_	-0.08
Beta	0.92	-	1.00
R-Squared	93.22	_	90.20
Standard Deviation	12.63	13.29	14.00
Sharpe Ratio	1.22	1.03	0.97
Tracking Error	3.47	_	4.36
Information Ratio	0.58	_	-0.22
Up Capture Ratio	101.85	_	98.22
Down Capture Ratio	86.96	_	98.37

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	26.79	24.43	24.72
Price/Book Ratio	4.39	4.75	4.01
Geom Avg Mkt Cap \$B	10.33	11.70	9.33
ROE	18.68	21.26	18.42



MFS Mid Cap Growth R6 OTCKX

Morningstar Category Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

Style Analysis as of 03-31-2019

Morningstar Style Box™



Style Breakdown

Equity

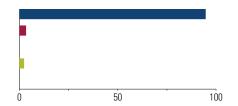
0	4	35	Large
0	9	52	MIG
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	0.30
Cash	2.19	3.26
Bonds	0.00	0.02
Non-US Stocks	3.20	3.84
US Stocks	94.61	92.58
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	ł	▼ Be	nchma	rk [Categ	jory Av	/erage		
ŀ	Cyclical	31.73	30.09	31.74										
ů.	Basic Materials	3.72	2.91	2.65										
4	Consumer Cyclical	17.38	17.68	15.41					•					
£	Financial Services	8.12	7.26	9.76		- '								
ŧ	Real Estate	2.51	2.24	3.92										
M	Sensitive	50.15	51.68	47.14										_
d	Communication Services	2.29	0.85	1.34										
•	Energy	0.67	1.47	1.60										
¢	Industrials	22.70	18.46	16.98					1					
3	Technology	24.49	30.90	27.22] [
→	Defensive	18.11	18.24	21.13										
	Consumer Defensive	1.70	4.61	3.88										
٠	Healthcare	16.41	13.63	16.48										
7	Utilities	0.00	0.00	0.77	Ī									

Top 15 Holdings as of 03-31-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Bright Horizons Family Solutions Inc	3.40	3.40	14.05	Consumer Cyclical
→ PerkinElmer Inc	2.83	6.23	22.76	Healthcare
⊕ Global Payments Inc	2.35	8.58	32.39	Industrials
⊕ Cadence Design Systems Inc	2.19	10.77	46.07	Technology
⊕ Cash Cash	2.19	12.96	_	_
⊕ AMETEK Inc	2.18	15.14	22.76	Industrials
	2.12	17.25	22.20	Industrials
€ Roper Technologies Inc	2.04	19.30	28.48	Industrials
⊕ STERIS Ltd	1.99	21.28	20.14	Healthcare
€ Fiserv Inc	1.93	23.21	20.13	Industrials
€ Copart Inc	1.82	25.03	26.81	Consumer Cyclical
€ Worldpay Inc Class A	1.73	26.76	48.50	Industrials
Autodesk Inc	1.72	28.49	21.16	Technology
Ð IHS Markit Ltd	1.70	30.19	13.36	Industrials
Ð Nasdag Inc	1.69	31.88	7.80	Financial Services

Total Holdings 102



Oppenheimer Developing Markets I ODVIX

Morningstar CategoryMorningstar IndexDiversified Emerging MktsMSCI EM NR USD

Portfolio Manager(s)

Justin Leverenz since 05-2007

Quantitative Screens

Performance: The fund has finished in the Diversified Emerging Mkts category's top three quartiles in 7 of the 7 years it's been in existence.

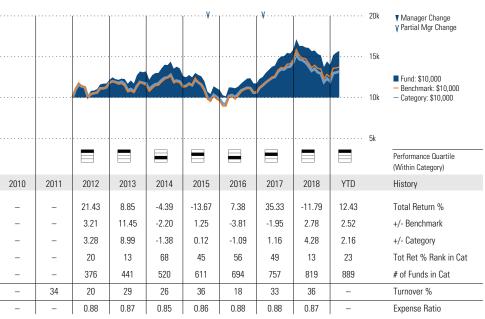
Management: The fund's management has been in place for 11.92 years.

✓ Net Expense: The fund's expense ratio of 0.87 is
33.08% lower than the Diversified Emerging Mkts category average.

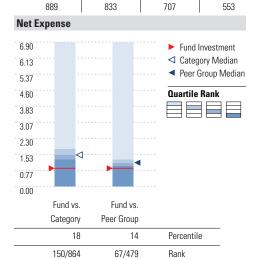
Morningstar Investment Management LLC Analysis

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

Growth of \$10,000







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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	2.13	_	-0.58
Beta	0.89	_	0.93
R-Squared	89.46	_	86.10
Standard Deviation	12.27	13.02	13.02
Sharpe Ratio	0.87	0.74	0.64
Tracking Error	4.23	_	4.84
Information Ratio	0.27	_	-0.31
Up Capture Ratio	93.47	_	92.48
Down Capture Ratio	80.94	_	97.54

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.11	12.62	13.55
Price/Book Ratio	2.39	1.49	1.87
Geom Avg Mkt Cap \$B	18.22	19.61	20.39
ROE	18.04	17.14	20.22



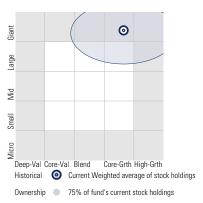
of Funds in Category

Oppenheimer Developing Markets I ODVIX

Morningstar CategoryMorningstar IndexDiversified Emerging MktsMSCI EM NR USD

Style Analysis as of 03-31-2019

Morningstar Style Box™



Style Breakdown

Equity

9	28		Large
1	2	8	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



50

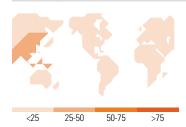
Asset Allocation as of 03-31-2019

Total	100.00	100.00
Other	4.45	0.53
Cash	2.57	-0.32
Bonds	0.00	1.02
Non-US Stocks	92.37	96.05
US Stocks	0.61	2.72
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 03-3	31-2019			
		Fund	Bmark	Cat	Fund • Benchmark 🛚 Category Average
_Մ	Cyclical	63.27	46.59	46.79	
å.	Basic Materials	8.03	7.59	6.26	
A	Consumer Cyclical	27.87	11.57	12.64	
,	Financial Services	24.94	24.14	25.38	
fi	Real Estate	2.43	3.29	2.51	
M	Sensitive	25.00	41.79	39.12	
ď	Communication Services	0.00	4.57	3.91	
ð	Energy	5.22	7.88	6.64	
Ċ.	Industrials	3.60	4.97	5.46	
	Technology	16.18	24.37	23.11	
→	Defensive	11.73	11.62	14.09	
=	Consumer Defensive	7.34	6.64	9.26	
٠	Healthcare	4.39	2.50	2.86	
•	Utilities	0.00	2.48	1.97	
					0% 5 10 15 20 25 30 35 40 45 50 55 60

100

World Regions % Equity 03-31-2019



Greater Asia	Fund % 57.46	Cat % 69.31	
Japan	0.00	0.08	
Australasia	0.00	0.02	
Asia-4 Tigers	16.50	23.14	
Asia-ex 4 Tigers	40.96	46.07	
Not Classified	0.00	0.00	

Americas	Fund % 16.80	Cat % 15.52	Greater Europe	Fund % 25.74	Cat % 15.19	Market Maturity	Fund %
North America	0.66	1.38	United Kingdom	0.00	0.69	Developed Markets	30.33
Central/Latin	16.14	14.14	W euro-ex UK	12.14	1.33	Emerging Markets	69.67
			Emrgng Europe	9.66	6.69	Not Available	0.00
			Africa	3.94	6.48		

Fop 10 Holdings as of 03-31-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Alibaba Group Holding Ltd ADR	6.64	6.64	_	Consumer Cyclical
Taiwan Semiconductor Manufacturing Co Ltd	5.05	11.69	8.87	Technology
Kering SA	4.11	15.80	33.53	Consumer Cyclical
NOVATEK PJSC GDR	3.84	19.64	0.23	Energy
Tencent Holdings Ltd	3.78	23.42	14.97	Technology
Glencore PLC	3.63	27.05	11.98	Basic Materials
Housing Development Finance Corp Ltd	3.58	30.63	0.17	Financial Services
Kotak Mahindra Bank Ltd	3.15	33.78	6.46	Financial Services
AIA Group Ltd	3.01	36.79	20.23	Financial Services
Master China Series 1	2.74	39.53	_	_

Total Holdings 96

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



Oppenheimer International Growth I OIGIX

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

❷ Performance: The fund has finished in the Foreign Large
Growth category's top three quartiles in 4 of the 6 years it's
been in existence.

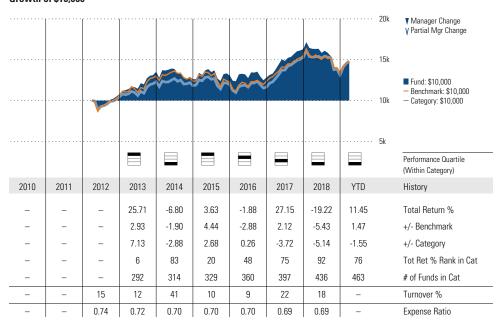
Management: The fund's management has been in place for 23.03 years.

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

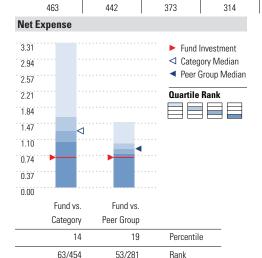
Morningstar Investment Management LLC Analysis

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

Growth of \$10,000



Trailing Performance Total Return % as of 03-31-2019 ■ Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 yea 5 year Fund Return % 11.45 -10.14 3.56 1.42 5.77 9.98 -3.71 7.27 2.33 8.96 8.59 Benchmark Return % 13.00 8 05 9 97 -3 20 3 86 Category Average % 76 94 98 90 % Rank in Category



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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-3.75	_	0.81
Beta	1.05	_	0.99
R-Squared	86.93	_	_
Standard Deviation	11.76	10.47	11.66
Sharpe Ratio	0.25	0.60	0.59
Tracking Error	4.28	_	5.26
Information Ratio	-0.87	_	0.08
Up Capture Ratio	88.18	_	95.37
Down Capture Ratio	112.01	-	87.27

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	22.08	16.19	17.86
Price/Book Ratio	3.18	1.58	2.37
Geom Avg Mkt Cap \$B	15.13	35.93	31.37
ROE	23.39	15.50	19.30



of Funds in Category

Oppenheimer International Growth I OIGIX

Morningstar Category Foreign Large Growth MSCI EA

Morningstar Index MSCI EAFE NR USD

Style Analysis as of 03-31-2019

Morningstar Style Box™



Style Breakdown

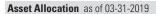
Equity

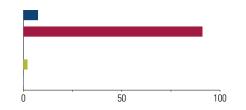
1. /			
12	13	44	Large
6	8	16	Mid
0	1	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

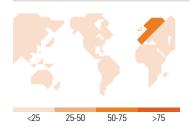




Asset Class	Net %	Cat%
US Stocks	7.25	8.20
Non-US Stocks	90.88	88.19
Bonds	0.00	0.06
Cash	1.86	2.98
Other	0.01	0.58
Total	100.00	100.00

		Fund	Bmark	Cat	Fund	۱ ،	Bench	mark	Cated	jory Ave	rane			
ቤ	Cyclical	27.73	42.08	36.95	Turk	, ,	Denen	mark	ll oates	jory Ave	l	: 1		•
A	Basic Materials	2.07	7.79	6.10			T							
A	Consumer Cyclical	18.78	11.50	13.23										
P	Financial Services	6.88	18.86	16.75					*					
ŵ	Real Estate	0.00	3.93	0.87	[]	7								
W	Sensitive	44.26	30.90	36.23										
0	Communication Services	1.03	3.98	1.53										
•	Energy	1.13	5.95	3.32										
₽	Industrials	15.47	13.21	13.43										
	Technology	26.63	7.76	17.95			v :							
→	Defensive	28.01	27.01	26.82										
Ħ	Consumer Defensive	14.76	11.92	13.37										
٠	Healthcare	13.25	11.35	12.40)						
	Utilities	0.00	3.74	1.05		7								
					0%	5	10	15	20	25	30	35	40	45

World Regions % Equity 03-31-2019



	Fund %	Cat %
Greater Asia	24.08	32.42
Japan	12.57	13.72
Australasia	3.40	2.47
Asia-4 Tigers	1.43	6.52
Asia-ex 4 Tigers	6.68	9.71
Not Classified	0.00	0.00

Americas	Fund % 11.12	Cat % 14.69	Greater Europe	Fund % 64.80	Cat % 52.88	Market Maturity	Fund %
North America	11.12	12.64	United Kingdom	10.01	13.24	Developed Markets	92.19
Central/Latin	0.00	2.05	W euro-ex UK	53.66	38.40	Emerging Markets	7.81
			Emrgng Europe	1.13	0.35	Not Available	0.00
			Africa	0.00	0.89		

Top 10 Holdings as of 03-31-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
SAP SE	2.63	2.63	18.02	Technology
ICICI Bank Ltd ADR	2.38	5.01	11.37	Financial Services
Infineon Technologies AG	2.26	7.26	3.19	Technology
Bunzl PLC	2.15	9.42	6.88	Consumer Defensive
⊕ Keyence Corp	2.04	11.46	25.12	Technology
Hermes International SA	2.04	13.50	24.63	Consumer Cyclical
→ Novo Nordisk A/S B	1.97	15.46	20.35	Healthcare
Nokia Oyj	1.93	17.39	0.99	Technology
Temenos AG	1.92	19.32	24.60	Technology
ASML Holding NV	1.92	21.24	22.37	Technology

Total Holdings 83



PIMCO International Bond (USD-Hdg) Instl PFORX

Morningstar Category
World Bond-USD Hedged

Morningstar Index BBgBarc US Agg Bond TR USD

Portfolio Manager(s)

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

Quantitative Screens

Management: The fund's management has been in place for 4.51 years.

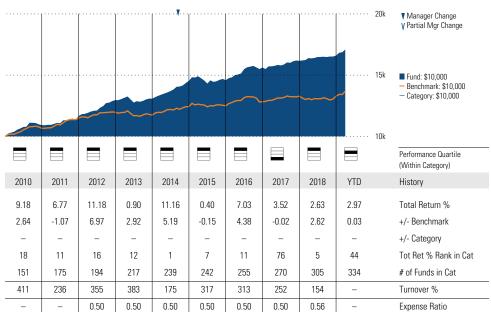
Style Consistency is not calculated for Fixed Income funds.

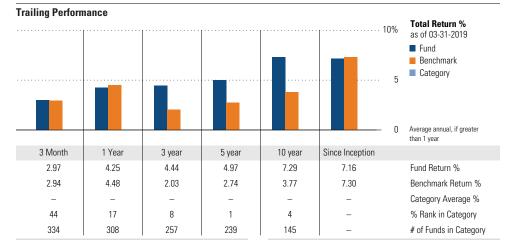
Net Expense: The fund's expense ratio of 0.56 is 37.08% lower than the World Bond category average.

Morningstar Investment Management LLC Analysis

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

Growth of \$10,000





Net Ex	pense		
10.00			► Fund Investment
8.89			Category Media
7.78			 Peer Group Med
6.67			Quartile Rank
5.56			
4.44			
3.33			
2.22			
1.11			
0.00			
	Fund vs.	Fund vs.	
	Category	Peer Group	
	17	22	Percentile
	55/322	_	Rank

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	3.34	_	1.53
Beta	0.51	_	0.70
R-Squared	45.75	_	62.42
Standard Deviation	2.23	2.97	2.64
Sharpe Ratio	1.38	0.26	0.65
Tracking Error	2.20	-	1.95
Information Ratio	1.10	-	0.47
Up Capture Ratio	88.96	-	87.79
Down Capture Ratio	-0.72	-	47.51

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.21	4.43	-
Avg Eff Maturity	6.97	_	-

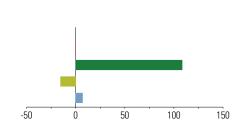


PIMCO International Bond (USD-Hdg) Instl PFORX

Morningstar Category World Bond-USD Hedged **Morningstar Index**

BBgBarc US Agg Bond TR USD





Asset Allocation as of 03-31-2019

Total	100.00	100.00
Other	6.98	
Cash	-15.35	_
Bonds	108.33	_
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	_

Other		0.00				_					
Other	12.70	0.00	_	,							
Cash & Equivalents	35.42	5.48	-								
Municipal	0.03	0.76	-	!							
Covered Bond	1.14	0.00	_								
Asset-Backed	1.07	0.02	_	į.							
Commercial MBS	0.16	1.61	_	į '							
Non-Agency Residential MBS	0.37	0.42	_	ı'.							
Agency MBS CMO	0.04	0.00	_								
Agency MBS ARM	0.00	0.19	_	,							
Agency MBS Pass-Through	2.35	27.43	_						1		
Securitized	5.13	29.67	-								
Preferred	0.00	0.02	_	ľ							
Convertible	0.36	0.00	_	Ĭ							
Bank Loan	0.16	0.64	_	1							
Corporate Bond	2.54	19.42	_				*:				
Corporate	3.06	20.08	-				- [
Other Government Related	38.90	1.16	_	7					-		
Agency/Quasi Agency	0.79	8.36	_		•						
Inflation – Protected	0.56	0.00	_	ľ							
Treasury	3.20	34.51	_							V	
Government	43.45	44.03	-								
	Fund	Bmark	Cat	Fund	▼ Benc	hmark	Cateo	gory Ave	rage		

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

Total Holdings 1495



PIMCO Short-Term Instl PTSHX

Morningstar Category Ultrashort Bond

Morningstar Index

BBgBarc US Agg Bond TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

Management: The fund's management has been in place for 8.25 years.

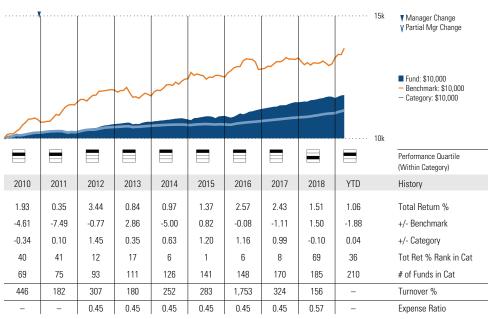
Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.57 is 18.75% higher than the Ultrashort Bond category average.

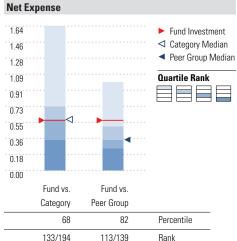
Morningstar Investment Management LLC Analysis

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

Growth of \$10,000







3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	2.87	_	1.69
Beta	-0.13	_	0.03
R-Squared	21.58	-	16.89
Standard Deviation	0.83	2.97	0.45
Sharpe Ratio	1.45	0.26	0.89
Tracking Error	3.44	-	2.91
Information Ratio	0.18	-	-0.10
Up Capture Ratio	21.68	-	23.48
Down Capture Ratio	-54.22	_	-21.26

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	0.17	4.43	0.83
Avg Eff Maturity	0.99	_	1.55



PIMCO Short-Term Instl PTSHX

Style Analysis as of 03-31-2019
Style Breakdown
Fixed Income

Ouality

Gradient Street

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	28.00	3.53	50.22
AA	9.00	74.59	10.73
A	29.00	10.82	19.78
BBB	25.00	8.32	14.86
BB	7.00	0.28	0.82
В	2.00	0.00	0.26
Below B	0.00	0.00	0.15
Not Rated	0.00	2.46	3.18

Asset Allocation as of 03-31-2019 Asset Class Cat% Net % US Stocks 0.00 0.01 Non-US Stocks 0.00 0.00 Bonds 114.67 71.17 Cash -24.67 27.58 Other 9.99 1.22 50 100 150 Total 100.00 100.00

Morningstar Category
Ultrashort Bond

Morningstar Index

BBgBarc US Agg Bond TR USD

Sector Weighting as of 03-											
	Fund	Bmark	Cat	Fund	 Benchmark 	Ca Ca	ategory	Avera	ge	,	
Government	29.87	44.03	13.34								
Treasury	0.00	34.51	3.23	<u> </u>					•		
Inflation – Protected	1.28	0.00	0.25	ĵ u							
Agency/Quasi Agency	0.62	8.36	2.52		1						
Other Government Related	27.97	1.16	7.34	•							
Corporate	14.48	20.08	31.35								
Corporate Bond	13.94	19.42	30.52			1					
Bank Loan	0.25	0.64	0.46	ď							
Convertible	0.29	0.00	0.37	ĺ							
Preferred	0.00	0.02	0.00	ĺ				į			
Securitized	6.34	29.67	26.11								
Agency MBS Pass-Through	2.00	27.43	0.97	10			'	'			
Agency MBS ARM	0.01	0.19	0.67								
Agency MBS CM0	0.31	0.00	1.02	i[]							
Non-Agency Residential MBS	0.58	0.42	0.87								
Commercial MBS	0.79	1.61	3.97	• 1							
Asset-Backed	2.65	0.02	18.58								
Covered Bond	0.00	0.00	0.03	<u> </u>							
Municipal	0.17	0.76	1.73	I []							
Cash & Equivalents	46.01	5.48	27.11								
Other	3.07	0.00	0.31								

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Irs Usd R 3ml/1ml+12.5 06/21/19-20 Cme	06-2020	52.19	52.19	_
Irs Usd R 3ml/1ml+12.5 06/21/19-20 Cme	06-2020	52.18	104.37	_
⊕ 90 Day Sterling Future Mar19	03-2019	49.55	153.92	_
⊕ 2 Year US Treasury Note Future Mar19	03-2019	40.50	194.42	_
☆ CashOffSet	-	28.11	222.53	_
⊕ US 5 Year Note (CBT) Mar19	03-2019	27.53	250.06	_
⊕ 90 Day Sterling Future Mar22	03-2022	25.50	275.57	_
⊕ 90 Day Sterling Future Mar20	03-2020	23.89	299.46	_
⊕ Ois Usd FedI01/2.795 01/04/19 Lch	09-2020	18.53	317.98	_
⊕ Ois Usd FedI01/2.795 01/04/19 Lch	09-2020	18.39	336.38	_

Total Holdings 1571



State St Russell Sm Cap® Gr Indx NL CI C

Morningstar Category

Small Growth

Morningstar Index

Russell 2000 Growth TR USD

Portfolio Manager(s)

Management Team since 09-2009

Quantitative Screens

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

Management: The fund's management has been in place for 9.66 years.

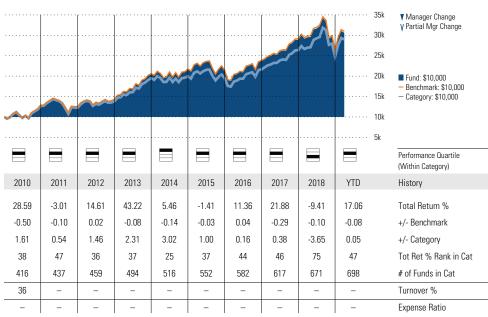
Style: The fund has landed in its primary style box — Small Growth — 100 % of the time over the past three years

The Expense screen is not applicable for funds without data

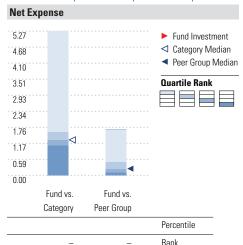
Morningstar Investment Management LLC Analysis

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







3-1 car hisk menics			
	Fund	Bmark	Cat
Alpha	-0.11	_	-0.46
Beta	1.00	_	0.93
R-Squared	99.99	_	94.91
Standard Deviation	16.26	16.27	15.52
Sharpe Ratio	0.85	0.86	0.80
Tracking Error	0.12	_	3.13
Information Ratio	-1.09	_	-0.37
Up Capture Ratio	99.62	_	90.97
Down Capture Ratio	100.08	_	92.50

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	25.99	24.72	-
Price/Book Ratio	4.11	3.88	-
Geom Avg Mkt Cap \$B	1.57	1.66	-
ROE	8.90	10.22	-



State St Russell Sm Cap® Gr Indx NL CI C

Morningstar Category Small Growth

Morningstar Index

Russell 2000 Growth TR USD

Style Analysis as of 03-31-2019

Morningstar Style Box™



Style Breakdown

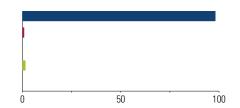
Equity

0	0	0	Large
1	6	22	Mid
9	21	42	Small
Value	Blend	Growth	

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 03-31-2019



Total	100.00	100.00
Other	0.00	0.40
Cash	1.28	2.22
Bonds	0.00	0.00
Non-US Stocks	0.73	3.37
US Stocks	97.99	94.01
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 03-3	31-2019													
		Fund	Bmark	Cat	Fun	d	▼ Ben	chmark	[] Ca	ategory	Avera	ge			
Դ	Cyclical	30.95	30.89	29.93											
A	Basic Materials	5.57	5.49	4.41											
A	Consumer Cyclical	15.28	15.27	12.90											
L	Financial Services	6.91	6.95	9.55											
fi	Real Estate	3.19	3.18	3.07] :									
W	Sensitive	40.53	40.52	45.56											
	Communication Services	1.52	1.50	0.95	•										
•	Energy	1.77	1.77	1.90				1							
Ф	Industrials	15.14	15.14	16.09			- :								
	Technology	22.10	22.11	26.62											
-	Defensive	28.52	28.58	24.50											
Ħ	Consumer Defensive	3.71	3.69	4.63		[]									
+	Healthcare	24.30	24.37	18.94											
•	Utilities	0.51	0.52	0.93	•										
					0%	5	10	15	20	25	30	35	40	45	50

Top 15 Holdings as of 03-31-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ E-Mini Russ 2000 Jun19 Xcme 20190621	1.40	1.40	_	_
State Street Corporation Short Term Investment Fund	1.22	2.62	_	_
⊕ Etsy Inc	0.74	3.36	_	Consumer Cyclical
⊕ Five Below Inc	0.62	3.98	21.43	Consumer Cyclical
⊕ The Trade Desk Inc A	0.60	4.58	_	Technology
⊕ Integrated Device Technology Inc	0.59	5.16	_	Technology
⊕ HubSpot Inc	0.57	5.73	_	Technology
⊕ Planet Fitness Inc A	0.56	6.29	_	Consumer Cyclical
⊕ Primerica Inc	0.49	6.78	25.36	Financial Services
⊕ Array BioPharma Inc	0.48	7.25	71.09	Healthcare
⊕ Entegris Inc	0.47	7.72	28.20	Technology
⊕ Coupa Software Inc	0.47	8.19	_	Technology
	0.47	8.66	27.95	Industrials
⊕ Nexstar Media Group Inc Class A	0.45	9.10	38.38	Consumer Cyclical
⊕ Horizon Pharma PLC	0.44	9.54	35.26	Healthcare

Total Holdings 1201



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

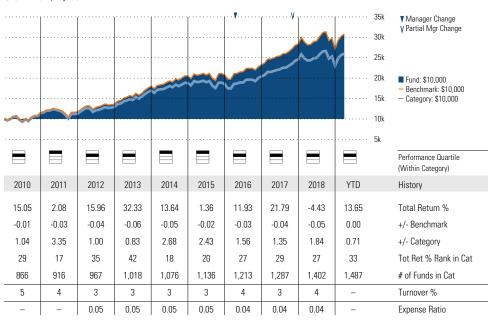
Quantitative Screens

- ❷ Performance: The fund has finished in the Large Blend category's top three quartiles in 10 of the 10 years it's been in existence.
- × *Management:* The fund's management team has been in place for less than three years.
- Net Expense: The fund's expense ratio of 0.04 is 95.6% lower than the Large Blend category average.

Morningstar Investment Management LLC Analysis

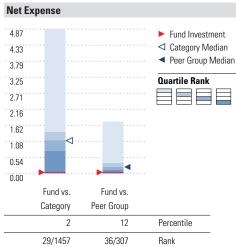
This fund fails our manager tenure screen; however, since it is an index fund, we are not overly concerned about the manager change.

Growth of \$10,000





3-Year Risk Metrics



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

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



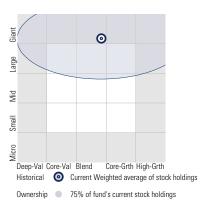
Vanguard 500 Index Admiral VFIAX

Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

Style Analysis as of 03-31-2019

Morningstar Style Box™



Style Breakdown

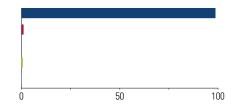
Equity

29	30	31	Laige
4	4	2	MIN
0	0	0	JIIdii
Value	Blend	Growth	

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 03-31-2019



Total	100.00	100.00
Other	0.05	1.08
Cash	0.49	-2.54
Bonds	0.00	4.19
Non-US Stocks	0.91	3.15
US Stocks	98.55	94.10
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 03-	31-2019												
		Fund	Bmark	Cat	Fund	i	▼ Bench	mark	Categ	jory Ave	erage	_		
Դ	Cyclical	32.19	32.26	37.60										
A.	Basic Materials	2.40	2.46	2.78										
A	Consumer Cyclical	11.90	11.90	11.68										
,	Financial Services	15.39	15.40	20.85			- 1		0					
fi	Real Estate	2.50	2.50	2.29										
W	Sensitive	42.18	42.16	37.07										İ
	Communication Services	3.57	3.56	3.37		(
ð	Energy	5.43	5.43	5.15										
Ф	Industrials	10.23	10.23	7.03										
	Technology	22.95	22.94	21.52						ľ į				
→	Defensive	25.62	25.59	25.35										
=	Consumer Defensive	7.77	7.77	7.92										
+	Healthcare	14.51	14.49	14.68										
•	Utilities	3.34	3.33	2.75)								
					0%	5	10	15	20	25	30	35	40	45

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Name	% INET Y2261	Guillulative %	TTD neturn 76	Widillingstal Sector
⊕ Microsoft Corp	3.81	3.81	16.57	Technology
⊕ Apple Inc	3.59	7.40	20.88	Technology
⊕ Amazon.com Inc	3.10	10.49	18.56	Consumer Cyclical
⊕ Facebook Inc A	1.68	12.17	27.16	Technology
⊕ Berkshire Hathaway Inc B	1.59	13.76	-1.61	Financial Services
⊕ Johnson & Johnson	1.57	15.33	9.02	Healthcare
⊕ Alphabet Inc Class C	1.52	16.85	_	Technology
⊕ Alphabet Inc A	1.49	18.34	12.63	Technology
⊕ Exxon Mobil Corp	1.44	19.78	19.69	Energy
	1.40	21.17	4.52	Financial Services
⊕ Visa Inc Class A	1.15	22.33	18.57	Financial Services
⊕ Procter & Gamble Co	1.10	23.42	13.98	Consumer Defensive
⇒ Bank of America Corporation	1.04	24.47	12.58	Financial Services
→ Verizon Communications Inc	1.03	25.50	6.25	Communication Svc
⊕ Intel Corp	1.02	26.51	15.10	Technology

Total Holdings 516



Vanguard Inflation-Protected Secs Adm VAIPX

Morningstar Category Inflation-Protected Bond Morningstar Index

BBgBarc US Treasury US TIPS TR USD

Portfolio Manager(s)

Gemma Wright-Casparius since 08-2011

Quantitative Screens

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

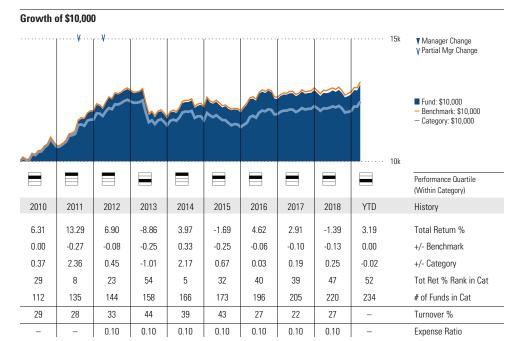
Management: The fund's management has been in place for 7.62 years.

Style Consistency is not calculated for Fixed Income funds.

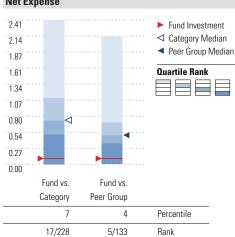
Net Expense: The fund's expense ratio of 0.1 is 87.01% lower than the Inflation-Protected Bond category average.

Morningstar Investment Management LLC Analysis

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







3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	-0.16	_	0.18
Beta	1.02	_	0.82
R-Squared	98.72	_	83.66
Standard Deviation	3.12	3.04	2.80
Sharpe Ratio	0.10	0.15	0.10
Tracking Error	0.36	_	1.25
Information Ratio	-0.37	_	-0.48
Up Capture Ratio	99.73	_	82.46
Down Capture Ratio	103.44	_	77.43

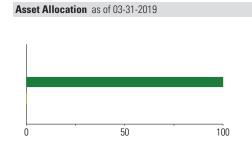
Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	7.58	4.52	6.19
Avg Eff Maturity	8.20	_	7.38



Vanguard Inflation-Protected Secs Adm VAIPX

Morningstar Category Inflation-Protected Bond Morningstar Index BBgBarc US Treasury US TIPS TR USD





Asset Class	Net %	Cat%
US Stocks	0.00	0.01
Non-US Stocks	0.00	0.01
Bonds	99.94	99.27
Cash	0.06	0.35
Other	0.00	0.36
Total	100.00	100.00

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	100.00	0.00	91.95
AA	0.00	99.60	1.66
А	0.00	0.00	1.99
BBB	0.00	0.00	2.70
BB	0.00	0.00	0.72
В	0.00	0.00	0.66
Below B	0.00	0.00	0.08
Not Rated	0.00	0.40	0.24

		Б	0 .				П						
	Fund	Bmark	Cat	Fund	▼ Bencl	nmark	II C	atego	ory Av	erage	9		
Government	99.94	99.20	85.26	,									
Treasury	0.00	0.00	1.03	0									
Inflation – Protected	99.94	99.20	76.92										
Agency/Quasi Agency	0.00	0.00	0.11	Ó									
Other Government Related	0.00	0.00	7.20	<u> </u>									
Corporate	0.00	0.00	2.62	[0]									
Corporate Bond	0.00	0.00	2.54	ĬO									
Bank Loan	0.00	0.00	0.01	i i i i									
Convertible	0.00	0.00	0.07	į									
Preferred	0.00	0.00	0.00										
Securitized	0.00	0.00	5.33										
Agency MBS Pass-Through	0.00	0.00	2.06										
Agency MBS ARM	0.00	0.00	0.01										
Agency MBS CMO	0.00	0.00	0.78	Ó									
Non-Agency Residential MBS	0.00	0.00	0.23										
Commercial MBS	0.00	0.00	0.39	Ď									
Asset-Backed	0.00	0.00	1.84	10									
Covered Bond	0.00	0.00	0.02										
Municipal	0.00	0.00	0.00	<u> </u>									
Cash & Equivalents	0.06	0.80	5.98	Ţ [
Other	0.00	0.00	0.80	0									

Top 10 Holdings as of 03-31-2019				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
United States Treasury Notes 0.12%	04-2021	5.21	5.21	_
United States Treasury Notes 0.12%	01-2023	3.85	9.07	_
	04-2023	3.81	12.87	_
United States Treasury Notes 0.12%	01-2022	3.78	16.66	_
⊕ United States Treasury Notes 0.62%	01-2024	3.67	20.33	-
United States Treasury Notes 0.38%	07-2023	3.64	23.97	_
	04-2022	3.61	27.58	_
	07-2025	3.59	31.17	_
	07-2024	3.57	34.74	_
United States Treasury Notes 0.12%	04-2020	3.48	38.23	_



Vanguard International Value Inv VTRIX

Morningstar Category Foreign Large Value Morningstar Index MSCI EAFE NR USD

Portfolio Manager(s)

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

Quantitative Screens

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

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

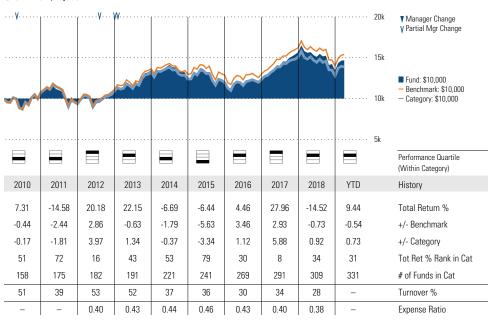
 \times *Style:* The fund has landed in its primary style box — Large Value — 9.09 % of the time over the past three years.

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

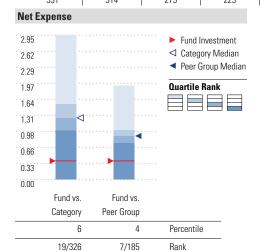
Morningstar Investment Management LLC Analysis

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







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

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



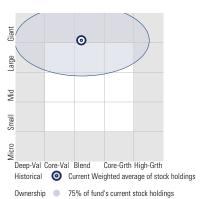
Vanguard International Value Inv VTRIX

Morningstar Category Foreign Large Value MSCI EAFE NR USD

Morningstar Index

Style Analysis as of 03-31-2019





Style Breakdown

Equity

35	31	25	Large
5	3	2	Mid
0	0	0	Small

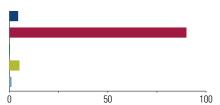
Value Blend Growth

Weight %

>50 25-50 10-25 0-10



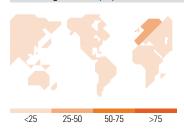
Asset Allocation as of 03-31-2019



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

		Fund	Bmark	Cat	Fund ▼ Benchmark [] Category Average
_Մ	Cyclical	39.69	42.08	45.69	
A.	Basic Materials	2.55	7.79	9.00	
Д	Consumer Cyclical	9.93	11.50	11.18	
	Financial Services	25.03	18.86	23.49	
fi	Real Estate	2.18	3.93	2.02	1
W	Sensitive	42.38	30.90	34.29	
	Communication Services	6.35	3.98	6.12	T
ð	Energy	8.72	5.95	9.36	
Ф	Industrials	9.93	13.21	11.42	
	Technology	17.38	7.76	7.39	
—	Defensive	17.93	27.01	20.02	
Ħ	Consumer Defensive	5.53	11.92	6.69	
+	Healthcare	10.39	11.35	9.96	
0	Utilities	2.01	3.74	3.37	

World Regions % Equity 03-31-2019



Greater Asia	Fund % 39.14	Cat % 32.33
Japan	17.71	17.16
Australasia	1.55	3.51
Asia-4 Tigers	9.17	6.96
Asia-ex 4 Tigers	10.71	4.70
Not Classified	0.00	0.00

Americas	Fund % 8.73	Cat % 7.61	Greater Europe	Fund % 52.13	Cat % 60.06	Market Maturity	Fund %
North America Central/Latin	7.70 1.03	6.83 0.78	United Kingdom W euro-ex UK Emrgng Europe Africa	15.75 34.63 0.87 0.88	20.58 38.23 0.60 0.65	Developed Markets Emerging Markets Not Available	86.51 13.49 0.00

Top 10 Holdings as of 03-31-2019						
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector		
○ Cmt Market Liquidity Rate	4.84	4.84	_	_		
⊕ Novartis AG	2.56	7.40	17.43	Healthcare		
⊕ Royal Dutch Shell PLC Class A	2.16	9.56	6.15	Energy		
ICICI Bank Ltd ADR	2.06	11.62	11.37	Financial Services		
Roche Holding AG Dividend Right Cert.	1.74	13.36	10.24	Healthcare		
⊕ Total SA	1.61	14.97	8.62	Energy		
DBS Group Holdings Ltd	1.52	16.49	_	Financial Services		
Sanofi SA	1.45	17.94	4.07	Healthcare		
Sumitomo Mitsui Financial Group Inc	1.42	19.36	8.67	Financial Services		
	1.37	20.73	-8.57	Communication Svc		

Total Holdings 151



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

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

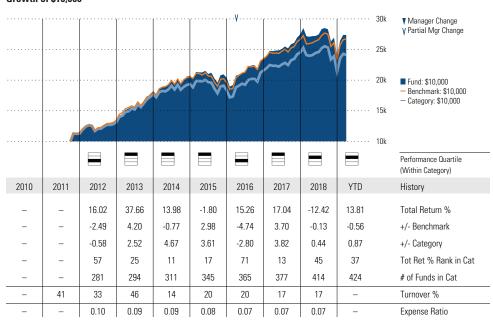
Management: The fund's management has been in place for 12.63 years.

Net Expense: The fund's expense ratio of 0.07 is 93.4% lower than the Mid-Cap Value category average.

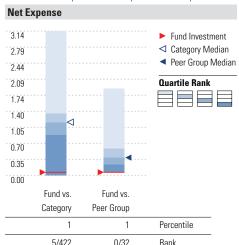
Morningstar Investment Management LLC Analysis

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







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.41	_	-1.22
Beta	0.98	_	1.04
R-Squared	97.29	_	91.01
Standard Deviation	11.89	11.94	13.07
Sharpe Ratio	0.73	0.71	0.60
Tracking Error	1.97	_	4.01
Information Ratio	0.13	_	-0.29
Up Capture Ratio	95.86	_	94.74
Down Capture Ratio	89.93	_	99.49

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	18.51	18.90	17.75
Price/Book Ratio	2.00	1.81	1.74
Geom Avg Mkt Cap \$B	9.97	9.71	8.73
ROE	15.32	11.29	11.96



Vanguard Mid-Cap Value Index Admiral VMVAX

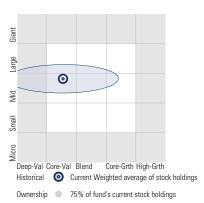
Morningstar Category Mid-Cap Value

Morningstar Index

Russell Mid Cap Value TR USD

Style Analysis as of 03-31-2019

Morningstar Style Box™



Style Breakdown

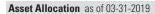
Equity

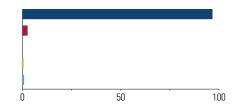
9	11	2	Large
45	29	4	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.67	0.17
Cash	0.38	3.35
Bonds	0.00	0.05
Non-US Stocks	2.45	4.62
US Stocks	96.50	91.83
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	ł	▼ Be	nchma	ırk [Cateo	jory Av	erage		_
b	Cyclical	50.04	47.86	48.43										
À.	Basic Materials	4.89	5.08	5.79										
4	Consumer Cyclical	20.08	11.71	14.17										
£	Financial Services	18.70	16.22	21.04					[
b	Real Estate	6.37	14.85	7.43										
M	Sensitive	25.35	28.74	32.04										
	Communication Services	2.07	1.02	0.79										
•	Energy	3.69	6.28	6.57										
þ	Industrials	8.62	13.09	13.84										
2	Technology	10.97	8.35	10.84										
+	Defensive	24.61	23.39	19.54										
Ę	Consumer Defensive	5.09	5.62	5.69										
1	Healthcare	6.17	6.59	7.19			Ė							
?	Utilities	13.35	11.18	6.66			: 1							

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	1.23	1.23	15.03	Utilities
	1.13	2.35	22.56	Technology
→ Willis Towers Watson PLC	1.12	3.48	16.09	Financial Services
⊖ DTE Energy Co	1.11	4.59	13.95	Utilities
Eversource Energy	1.10	5.69	9.91	Utilities
⊕ FirstEnergy Corp	1.08	6.78	11.82	Utilities
⊕ M&T Bank Corp	1.01	7.79	10.40	Financial Services
⊖ Clorox Co	1.01	8.80	4.72	Consumer Defensive
⊖ Ball Corp	0.96	9.76	26.05	Consumer Cyclical
Royal Caribbean Cruises Ltd	0.94	10.70	17.93	Consumer Cyclical
Newmont Mining Corp	0.94	11.64	3.64	Basic Materials
⊕ American Water Works Co Inc	0.93	12.56	15.36	Utilities
⊕ Ameren Corp	0.88	13.45	13.48	Utilities
	0.88	14.32	12.53	Financial Services
	0.87	15.19	25.51	Basic Materials

Total Holdings 206



Vanguard Real Estate Index Admiral VGSLX

Morningstar Category Real Estate Morningstar Index

S&P United States REIT TR USD

Portfolio Manager(s)

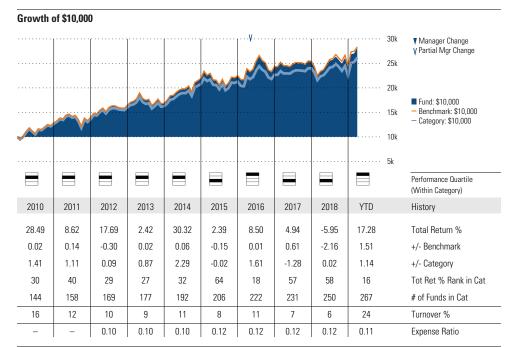
Gerard O'Reilly since 05-1996 Walter Nejman since 05-2016

Quantitative Screens

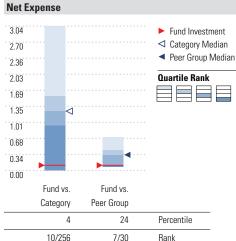
- Performance: The fund has finished in the Real Estate category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 22.9 years.
- Net Expense: The fund's expense ratio of 0.11 is
 90.43% lower than the Real Estate category average.

Morningstar Investment Management LLC Analysis

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







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

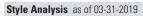
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	40.39	38.46	36.08
Price/Book Ratio	2.39	2.42	2.60
Geom Avg Mkt Cap \$B	9.32	9.35	11.72
ROE	8.61	9.56	11.65



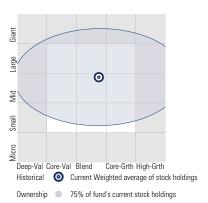
Vanguard Real Estate Index Admiral VGSLX

Morningstar Category Morningstar Index Real Estate

S&P United States REIT TR USD



Morningstar Style Box™



Style Breakdown

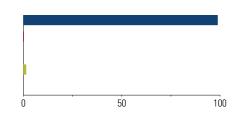
Equity

17	2	2 Small
29	27	6
2	9	5

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 03-31-2019

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

	Fund	Bmark	Cat	Fund	•	Bench	mark	[] C	atego	ry A	verag	е		
Cyclical	89.63	99.13	94.62											
Basic Materials	2.08	0.00	0.58	()										
Consumer Cyclical	0.00	0.13	0.84	Ö										
Financial Services	0.00	0.00	0.10	İ										
Real Estate	87.55	99.00	93.10											- [
✓ Sensitive	10.37	0.87	5.29											
Communication Services	9.47	0.00	4.45											
Energy	0.00	0.00	0.02	<u> </u>										
Industrials	0.90	0.87	0.50	Ŭ i										
Technology	0.00	0.00	0.32	İ										
→ Defensive	0.00	0.00	0.08	İ										
Consumer Defensive	0.00	0.00	0.00	ĺ										
Healthcare	0.00	0.00	0.03	<u> </u>										
Utilities	0.00	0.00	0.05	i										

Top 15 Holdings as of 03-31-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Real Estate II Index	11.00	11.00	_	_
⊕ American Tower Corp	6.65	17.65	24.57	Communication Svc
⊕ Simon Property Group Inc	4.32	21.97	9.69	Real Estate
⊕ Crown Castle International Corp	4.07	26.04	18.87	Real Estate
→ Prologis Inc	3.47	29.51	23.43	Real Estate
⊕ Equinix Inc	2.79	32.30	29.23	Real Estate
⊕ Public Storage	2.62	34.91	8.58	Real Estate
Welltower Inc ■ Welltower Inc ■ Welltower Inc ■ Welltower Inc ■ Welltower Inc ■ Welltower Inc ■ Welltower Inc ■ Welltower Inc ■ Welltower Inc Welltower	2.23	37.15	13.05	Real Estate
⊕ Equity Residential	2.12	39.27	14.96	Real Estate
AvalonBay Communities Inc	2.12	41.40	16.20	Real Estate
⊕ Digital Realty Trust Inc	1.88	43.28	12.70	Real Estate
⊕ Ventas Inc	1.74	45.02	10.26	Real Estate
⊕ SBA Communications Corp	1.73	46.75	23.33	Communication Svc
⊕ Realty Income Corp	1.66	48.41	17.76	Real Estate
Boston Properties Inc	1.59	50.00	19.80	Real Estate

Total Holdings 190



Western Asset Core Plus Bond IS WAPSX

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

Portfolio Manager(s)

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

Quantitative Screens

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

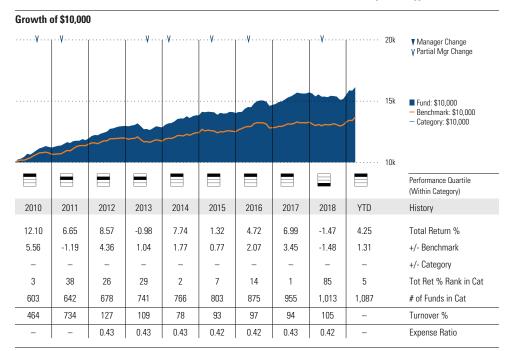
Management: The fund's management has been in place for 20.74 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.42 is 44% lower than the Intermediate-Term Bond category average.

Morningstar Investment Management LLC Analysis

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





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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 Welrics			
	Fund	Bmark	Cat
Alpha	1.65	_	0.96
Beta	1.11	-	0.86
R-Squared	81.10	_	84.77
Standard Deviation	3.67	2.97	2.79
Sharpe Ratio	0.72	0.26	0.52
Tracking Error	1.63	_	1.13
Information Ratio	1.17	_	0.58
Up Capture Ratio	131.86	_	99.31
Down Capture Ratio	89.24	_	75.10

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.86	4.43	_
Avg Eff Maturity	11.81	_	_

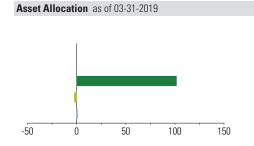


Net Expense

Western Asset Core Plus Bond IS WAPSX

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





Total	100.00	100.00
Other	0.76	-
Cash	-2.32	-
Bonds	101.56	-
Non-US Stocks	0.00	-
US Stocks	0.00	-
Asset Class	Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	54.70	3.53	_
AA	3.72	74.59	-
A	17.76	10.82	_
BBB	13.81	8.32	_
BB	5.78	0.28	_
В	2.37	0.00	_
Below B	2.71	0.00	-
Not Rated	-0.85	2.46	-

Sector Weighting as of 03-	31-2019												
	Fund	Bmark	Cat	Fund	,	Bench	mark	Cateo	gory Ave	rage			
Government	18.36	44.03	-										
Treasury	12.58	34.51	-				ı				•		
Inflation - Protected	0.90	0.00	-	, 									
Agency/Quasi Agency	0.64	8.36	_	i,		*							
Other Government Related	4.24	1.16	_	•				Ė					
Corporate	21.33	20.08	-										
Corporate Bond	19.50	19.42	_										
Bank Loan	1.44	0.64	_										
Convertible	0.36	0.00	-	į									
Preferred	0.03	0.02	_	Ĭ									
Securitized	27.31	29.67	-							,			
Agency MBS Pass-Through	18.59	27.43	_				- :			'			
Agency MBS ARM	0.00	0.19	_	<u>[</u>									
Agency MBS CMO	2.04	0.00	_										
Non-Agency Residential MBS	2.40	0.42	_	*									
Commercial MBS	1.96	1.61	-										
Asset-Backed	2.32	0.02	_										
Covered Bond	0.00	0.00	_	Ĭ.									
Municipal	0.00	0.76	-	į, į									
Cash & Equivalents	5.63	5.48	-										
Other	27.36	0.00	-										
				0%	5	10	15	20	25	30	35	40	45

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
	,			
	-	10.29	10.29	_
⊕ Wa Govnt Cash Mgmt Porto	_	5.23	15.51	-
⊕ Ir Swap 1d-Fedl01 25.4 Bps	06-2024	4.99	20.50	_
⊕ Ir Swap 3m-Libor-Bba	06-2024	4.99	25.49	_
⊕ Usd/Eur Ffx Due 041719-Cross	04-2019	4.18	29.67	-
⊕ Usd/Eur Ffx Due 041719	04-2019	4.07	33.74	_
⊕ Fx Fut Euro Fx Curr Fut Jun19	06-2019	3.72	37.46	_
⊕ Fx Fut Euro Fx Curr Fut Jun19	06-2019	3.72	41.19	_
⊕ Brl/Usd Ffx Due 041719	04-2019	3.39	44.58	_
⊕ Brl/Usd Ffx Due 041719-Cross	04-2019	3.26	47.83	_

⊕ Increase ⊕ Decrease 🕸 New to Portfolio

Total Holdings 2434

