American Funds American Balanced R6 RLBGX

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

Equity

Morningstar Mod Tgt Risk TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

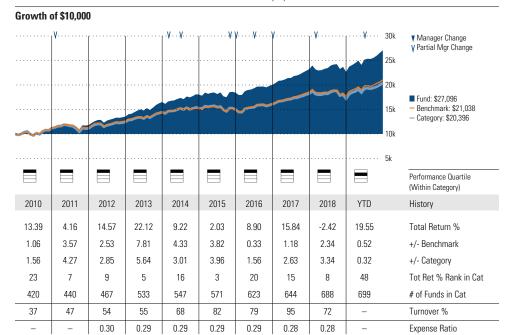
Management: The fund's management has been in place for 21.01 years.

 \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
 73.58% lower than the Allocation--50% to 70% Equity
 category average.

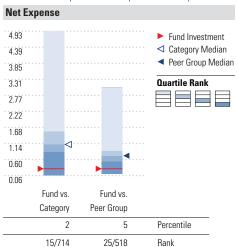
Morningstar Investment Management LLC Analysis

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





3-Year Risk Metrics



	Fund	Bmark	Cat
Alpha	1.21	-	-1.21
Beta	1.01	-	1.08
R-Squared	95.68	-	92.31
Standard Deviation	7.00	6.76	7.61
Sharpe Ratio	1.23	1.07	0.90
Tracking Error	1.46	-	2.23
Information Ratio	0.98	-	-0.30
Up Capture Ratio	108.30	-	101.02
Down Capture Ratio	97.52	_	113.02

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	6.00	-	4.38





American Funds American Balanced R6 RLBGX

Quality

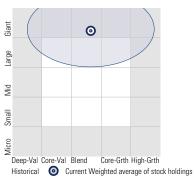
Morningstar Category Allocation--50% to 70% Morningstar Index

Morningstar Mod Tgt Risk TR USD

Equity

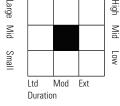
Style Analysis as of 12-31-2019

Morningstar Style Box™



Ownership 75% of fund's current stock holdings

Style Breakdown



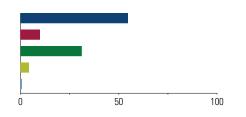
Fixed Income

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

Blend Growth

Value

Asset Allocation as of 12-31-2019



Total	100.00	100.00
Other	0.55	19.37
Cash	4.17	5.40
Bonds	31.04	26.40
Non-US Stocks	9.72	8.77
US Stocks	54.52	40.06
Asset Class	Net %	Cat%

		Fund	Dwarle	Cot	Г	ام	• Danah	بالعممياء	I Cotor					
_		Fund	Bmark	Cat	Fun	a	▼ Bench	mark	U Cateo	jory Ave	rage	n ·		
_Մ	Cyclical	30.77	40.09	33.92								0		
A	Basic Materials	4.59	4.63	3.23										
A	Consumer Cyclical	6.85	9.72	9.46			[_ :					
,	Financial Services	14.81	17.68	17.62					ď					
ŵ	Real Estate	4.52	8.06	3.61			1							
W	Sensitive	44.92	36.87	40.49										
	Communication Services	7.97	6.97	8.55			= [
•	Energy	6.03	5.25	4.75			1							
Ф	Industrials	8.72	11.36	10.76										
	Technology	22.20	13.29	16.43										
—	Defensive	24.32	23.04	25.61										
Ħ	Consumer Defensive	7.75	7.96	7.53			•[
+	Healthcare	15.48	11.24	14.49										
•	Utilities	1.09	3.84	3.59										
					0%	5	10	15	20	25	30	35	40	45

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Microsoft Corp	_	4.79	4.79	57.12	Technology
⊖ Capital Group Central Cash Fund	_	4.69	9.47	_	_
⊕ UnitedHealth Group Inc	_	3.10	12.57	19.67	Healthcare
	_	2.04	14.62	62.84	Technology
⊕ Berkshire Hathaway Inc A	_	2.04	16.66	10.98	Financial Services
⊕ Broadcom Inc	_	1.74	18.40	28.68	Technology
→ Philip Morris International Inc	_	1.55	19.95	34.38	Consumer Defensive
The Home Depot Inc The Home Depo	_	1.55	21.50	30.26	Consumer Cyclical
⊕ Boeing Co	_	1.54	23.04	3.56	Industrials
	_	1.33	24.37	30.22	Technology

Total Holdings 1840

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



American Funds Capital World Gr&Inc R6 RWIGX

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

Portfolio Manager(s)

Sung Lee since 02-2006
David Riley since 02-2007
L. Barroso since 02-2007
Joyce Gordon since 02-2008
Alex Sheynkman since 02-2014
Michael Cohen since 11-2014
Jin Lee since 02-2019
Leo Hee since 10-2019
Jeremy Burge since 01-2020

Quantitative Screens

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

Management: The fund's management has been in place for 13.92 years.

Net Expense: The fund's expense ratio of 0.44 is 60.36% 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 . W. ▼ Manager Change V Partial Mgr Change Fund: \$23.271 Benchmark: \$16,236 Category: \$22,542 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 25.74 Total Return % -3.05 6.48 2.73 9.99 8.23 3.78 2.35 -2.11 4.23 4.23 +/- Benchmark +/- Category -5.64 0.70 3.72 0.09 1.57 -0.19 1.31 1.47 -0.33 0.06 84 42 23 51 30 55 34 33 56 51 Tot Ret % Rank in Cat 370 392 499 815 876 # of Funds in Cat 560 610 666 728



35

0.45

35

0.45

49

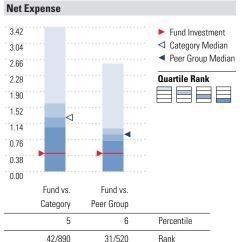
0.44

23

0.43

Turnover %

Expense Ratio



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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	2.97	_	3.04
Beta	0.92	_	0.92
R-Squared	94.39	_	80.51
Standard Deviation	10.87	11.50	11.80
Sharpe Ratio	0.96	0.73	0.90
Tracking Error	2.74	_	5.47
Information Ratio	0.88	_	0.43
Up Capture Ratio	100.04	_	98.21
Down Capture Ratio	82.11	_	79.09

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



25

27

23

0.45

24

0.45

36

0.44

35

0.45



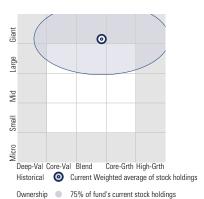
American Funds Capital World Gr&Inc R6 RWIGX

Morningstar Category World Large Stock

Morningstar Index MSCI ACWI Ex USA NR USD

Style Analysis as of 12-31-2019

Morningstar Style Box™



Style Breakdown

Equity

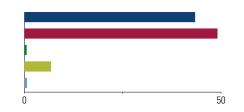
1. /			
25	34	33	Luigo
2	3	3	IVIIG
0	0	0	OII GII

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 12-31-2019



Total	100.00	100.00
Other	0.54	1.05
Cash	6.63	2.34
Bonds	0.47	0.12
Non-US Stocks	49.03	42.56
US Stocks	43.34	53.93
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	•	Benchi	nark	Cate	ory Ave	erage		
÷	Cyclical	33.91	42.26	34.69									•
ì.	Basic Materials	4.11	7.28	3.90		1	'						
•	Consumer Cyclical	10.58	10.42	11.15									
<u></u>	Financial Services	15.49	21.37	17.52]				
à	Real Estate	3.73	3.19	2.12									
UT.	Sensitive	39.10	35.81	40.47									
	Communication Services	9.31	7.53	8.69									
	Energy	6.75	6.74	3.64		_							
ŀ	Industrials	9.60	11.96	12.40									
1	Technology	13.44	9.58	15.74			•						
+	Defensive	26.98	21.94	24.84									
÷	Consumer Defensive	8.47	9.50	8.59			=]						
1	Healthcare	13.73	9.15	13.34				0					
1	Utilities	4.78	3.29	2.91		Ĺ							

World Regions % Equity 12-31-2019



	Fund %	Cat %
Greater Asia	18.09	15.75
Japan	4.79	6.05
Australasia	0.60	1.06
Asia-4 Tigers	5.89	3.63
Asia-ex 4 Tigers	6.81	5.01
Not Classified	0.00	0.00

Americas	Fund % 51.95	Cat % 59.05	Greater Europe	Fund % 29.97	Cat % 25.20	Market Maturity
North America Central/Latin	49.42 2.53	58.07 0.98	United Kingdom W euro-ex UK Emrgng Europe Africa	9.40 18.39 1.72 0.46	6.63 17.91 0.28 0.38	Developed Markets Emerging Markets Not Available

Top 10 Holdings as of 12-31-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	6.48	6.48	_	_
⊕ Broadcom Inc	2.54	9.02	28.68	Technology
⊕ Microsoft Corp	2.41	11.43	57.12	Technology
⊕ Taiwan Semiconductor Manufacturing Co Ltd	1.70	13.13	52.33	Technology
─ UnitedHealth Group Inc	1.67	14.80	19.67	Healthcare
⊕ Facebook Inc A	1.64	16.45	56.57	Communication Svc
→ Airbus SE	1.52	17.96	57.37	Industrials
⊕ Netflix Inc	1.44	19.40	20.89	Communication Svc
Nestle SA	1.34	20.75	34.37	Consumer Defensive
○ Novartis AG	1.28	22.03	24.65	Healthcare

Total Holdings 338

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

Fund % 88.59 11.41 0.00

American Funds Intl Gr and Inc R6 RIGGX

Morningstar Category Foreign Large Blend

Morningstar Index MSCI ACWI Ex USA NR USD

Portfolio Manager(s)

Andrew Suzman since 10-2008 Steven Watson since 10-2008 Patrice Collette since 09-2010 Leo Hee since 07-2015 Michael Cohen since 07-2018

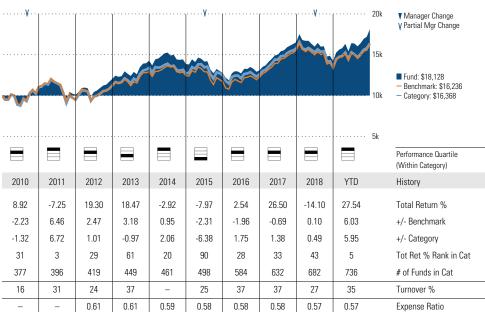
Quantitative Screens

- Performance: The fund has finished in the Foreign Large Blend category's top three quartiles in 9 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 11.25 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 0.57 is 41.24% lower than the Foreign Large Blend category average.

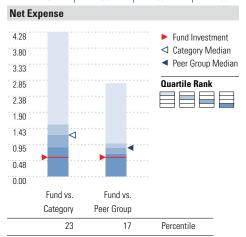
Morningstar Investment Management LLC Analysis

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

Growth of \$10,000







	170/754	65/384	Rank			
Peer group is a subset of the category and includes funds with the						
same management style (active vs. passive) and similar share class						
characte	prietice					

Rank

3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	1.71	_	-0.53
Beta	0.98	_	0.98
R-Squared	96.57	_	92.90
Standard Deviation	11.43	11.50	11.71
Sharpe Ratio	0.86	0.73	0.66
Tracking Error	2.13	-	3.16
Information Ratio	0.76	-	-0.26
Up Capture Ratio	102.16	-	95.46
Down Capture Ratio	91.66	-	98.23

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	14.26	15.22	15.82
Price/Book Ratio	1.62	1.58	1.72
Geom Avg Mkt Cap \$B	28.99	30.69	38.15
ROE	14.33	15.65	17.00



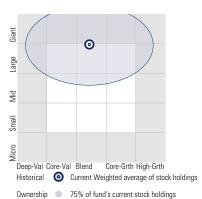
American Funds Intl Gr and Inc R6 RIGGX

Morningstar Category Foreign Large Blend

Morningstar Index MSCI ACWI Ex USA NR USD

Style Analysis as of 12-31-2019

Morningstar Style Box™



Style Breakdown

Equity

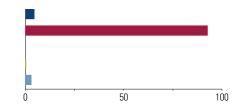
30	36	20	Large
4	5	4	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

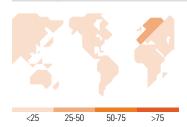
Asset Allocation as of 12-31-2019



Total	100.00	100.00
Other	2.86	0.92
Cash	0.23	1.62
Bonds	0.00	-0.02
Non-US Stocks	92.58	94.52
US Stocks	4.33	2.96
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fun	١,	Bench	mark	Categ	ioni Avio	rogo			
					run	1 '	bench	mark	[] Categ	JULY AVE	rage			•
Մ	Cyclical	37.17	42.26	39.25										
A.	Basic Materials	5.40	7.28	6.97]							
A	Consumer Cyclical	8.61	10.42	10.38										
,	Financial Services	19.86	21.37	19.10										
ŵ	Real Estate	3.30	3.19	2.80)								
W	Sensitive	37.91	35.81	36.25										
	Communication Services	5.56	7.53	7.17										
ð	Energy	8.78	6.74	5.39										
Ф	Industrials	10.54	11.96	14.96				Ď						
	Technology	13.03	9.58	8.73					_					
→	Defensive	24.91	21.94	24.49										
Ħ	Consumer Defensive	11.06	9.50	10.52										
+	Healthcare	8.44	9.15	11.04			= [
•	Utilities	5.41	3.29	2.93										
					0%	5	10	15	20	25	30	35	40	4

World Regions % Equity 12-31-2019



Greater Asia	Fund % 30.35	Cat % 36.64	
Japan	7.60	20.10	
Australasia	1.00	4.96	
Asia-4 Tigers	13.16	6.42	
Asia-ex 4 Tigers	8.59	5.16	
Not Classified	0.00	0.00	

Americas	Fund % 14.70	Cat % 7.78	Greater Europe	Fund % 54.96	Cat % 55.59	Market Maturity	Fund %
North America	9.09	6.76	United Kingdom	16.99	14.73	Developed Markets	82.18
Central/Latin	5.61	1.02	W euro-ex UK	34.34	39.69	Emerging Markets	17.82
			Emrgng Europe	3.14	0.44	Not Available	0.00
			Africa	0.49	0.73		

Top 10 Holdings as of 12-31-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Taiwan Semiconductor Manufacturing Co Ltd	3.61	3.61	52.33	Technology
○ Capital Group Central Cash M	2.86	6.47	_	-
⊕ British American Tobacco PLC	2.57	9.04	37.38	Consumer Defensive
⊕ AstraZeneca PLC	2.48	11.51	33.25	Healthcare
⊕ Enel SpA	2.09	13.60	45.76	Utilities
⊕ Airbus SE	2.05	15.65	57.37	Industrials
	1.78	17.43	27.81	Financial Services
─ Wynn Macau Ltd	1.73	19.16	17.68	Consumer Cyclical
	1.70	20.86	94.55	Technology
⊖ Royal Dutch Shell PLC B	1.46	22.32	1.97	Energy

Total Holdings 227

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



Baird Aggregate Bond Inst BAGIX

Portfolio Manager(s)

Charles Groeschell since 09-2000 Daniel Tranchita since 09-2000 Gary Elfe since 09-2000 M. deGuzman since 09-2000 Mary Stanek since 09-2000 Warren Pierson since 09-2000 Meghan Dean since 05-2019 Jay Schwister since 05-2019 Jeffrey Schrom since 05-2019

Quantitative Screens

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

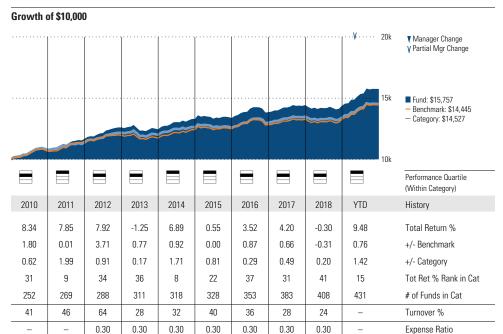
Management: The fund's management has been in place for 19.27 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.3 is 53.85% lower than the Intermediate Core Bond category average.

Morningstar Investment Management LLC Analysis

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



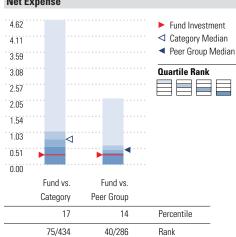
Morningstar Category

Intermediate Core Bond

Morningstar Index

BBgBarc US Agg Bond TR USD





3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	0.39	_	-0.04
Beta	0.99	_	0.90
R-Squared	99.21	-	94.83
Standard Deviation	2.89	2.91	2.70
Sharpe Ratio	0.92	0.80	0.70
Tracking Error	0.26	-	0.65
Information Ratio	1.37	_	-0.81
Up Capture Ratio	102.92	_	90.67
Down Capture Ratio	91.45	_	93.11

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	5.87	4.43	5.31
Avg Eff Maturity	7.81	-	6.82





Baird Aggregate Bond Inst BAGIX

Style Analysis as of 12-31-2019
Style Breakdown
Fixed Income
Quality

G

Ltd Mod Ext
Duration

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	58.90	3.53	51.61
AA	3.10	74.59	8.79
A	17.10	10.82	17.74
BBB	20.60	8.32	17.22
BB	0.30	0.28	2.29
В	0.00	0.00	0.68
Below B	0.00	0.00	0.44
Not Rated	0.00	2.46	1.23

Asset Allocation as of 12-31-2019 Asset Class Cat% Net % US Stocks 0.00 0.05 Non-US Stocks 0.00 0.00 Bonds 94.17 99.26 Cash 3.46 -2.28 Other 2.37 2.98 50 100 Total 100.00 100.00

Morningstar Category Intermediate Core Bond Morningstar Index

BBgBarc US Agg Bond TR USD

Other	0.00	0.00	1.71			-						
Cash & Equivalents	3.46	5.48	3.76	7 0								
Municipal	0.47	0.76	0.80	ıİ.	,							
Covered Bond	0.00	0.00	0.03	Ú								
Asset-Backed	3.07	0.02	6.45									
Commercial MBS	3.32	1.61	0.63									
Non-Agency Residential MBS	1.91	0.42	1.14									
Agency MBS CMO	3.74	0.00	3.71]							
Agency MBS ARM	0.00	0.19	0.18	į								
Agency MBS Pass-Through	21.39	27.43	24.14							۲		
Securitized	33.43	29.67	36.28									
Preferred	0.00	0.02	0.04	ĺ						<u>:</u>		
Convertible	2.31	0.00	0.88									
Bank Loan	0.00	0.64	0.20	0								
Corporate Bond	36.01	19.42	25.51					V :				
Corporate	38.32	20.08	26.63						-			
Other Government Related	0.03	1.16	6.24	7								
Agency/Quasi Agency	0.12	8.36	1.62	i [*						
Inflation – Protected	0.00	0.00	1.84	, D								
Treasury	24.18	34.51	21.11								₹.	
Government	24.33	44.03	30.81							- 1		
	Fund	Bmark	Cat	Fund	•	Bench	mark	Cate	gory Ave	erage		

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
→ United States Treasury Notes 1.88%	03-2022	5.35	5.35	_
─ United States Treasury Bonds 2.88%	05-2043	3.70	9.05	_
	02-2045	3.46	12.51	_
→ First American Government Obligs U	02-2030	3.05	15.56	_
→ United States Treasury Bonds 3.5%	02-2039	1.78	17.34	_
⊕ United States Treasury Notes 3.13%	11-2028	1.75	19.09	_
─ United States Treasury Notes 2.25%	11-2025	1.63	20.72	_
⊕ United States Treasury Notes 1.63%	08-2022	1.49	22.21	_
⊕ United States Treasury Notes 1.75%	03-2022	1.48	23.69	_
⊕ United States Treasury Notes 2%	11-2026	1.18	24.87	_

Total Holdings 1193

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



DFA US Small Cap Value I DFSVX

Morningstar Category

Small Value

Morningstar Index Russell 2000 Value TR USD

Portfolio Manager(s)

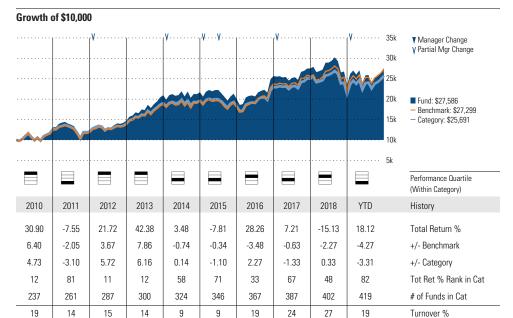
Jed Fogdall since 02-2012 Joel Schneider since 07-2015

Quantitative Screens

- ❷ Performance: The fund has finished in the Small Value category's top three quartiles in 8 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 7.84 years.
- Net Expense: The fund's expense ratio of 0.52 is 56.3% lower than the Small 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.





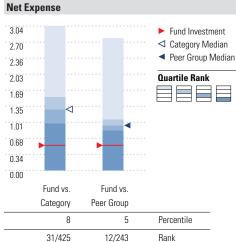
0.52

0.52

0.52

0.53

Expense Ratio



0.52

0.52

0.52

0.52

3-1 cai hisk wichies			
	Fund	Bmark	Cat
Alpha	-2.60	_	-0.65
Beta	1.12	_	1.01
R-Squared	97.80	_	93.78
Standard Deviation	17.93	15.90	16.50
Sharpe Ratio	0.13	0.27	0.22
Tracking Error	3.23	_	4.17
Information Ratio	-0.72	_	-0.20
Up Capture Ratio	102.44	_	96.86
Down Capture Ratio	114.86	_	100.05

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.87	18.52	18.01
Price/Book Ratio	1.27	1.45	1.65
Geom Avg Mkt Cap \$B	1.30	1.34	2.55
ROE	6.52	6.22	9.71



DFA US Small Cap Value I DFSVX

Morningstar Category Small Value

Morningstar Index

Russell 2000 Value TR USD

Style Analysis as of 12-31-2019

Morningstar Style Box™



Style Breakdown

Equity

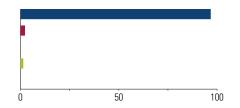
Lquity			
0	0	0	Large
7	5	1	Mid
45	33	8	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 12-31-2019



Total	100.00	100.00
Other	0.00	0.07
Cash	1.27	2.40
Bonds	0.00	-0.02
Non-US Stocks	2.06	1.99
US Stocks	96.66	95.56
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	•	Ben	chma	rk [Categ	ory Av	/erage		
Դ	Cyclical	46.48	54.20	54.18										Ī
A	Basic Materials	6.32	3.80	5.51										
A	Consumer Cyclical	11.38	9.43	12.07			<u>'</u>							
	Financial Services	28.49	27.32	26.72										
fi	Real Estate	0.29	13.65	9.88	i			7						
W	Sensitive	44.57	31.12	33.57							- 1			
	Communication Services	3.29	2.40	1.45										
•	Energy	8.69	5.78	5.00				_						
Ф	Industrials	21.35	14.01	18.47				*:						
	Technology	11.24	8.93	8.65				1						
→	Defensive	8.93	14.67	12.25				-						
Ħ	Consumer Defensive	5.05	3.27	4.05										
+	Healthcare	3.63	5.48	4.44										
•	Utilities	0.25	5.92	3.76	i [

Top 15 Holdings as of 12-31-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Ssc Government Mm Gvmxx	1.23	1.23	_	_
Tech Data Corp Tech Data Corp	1.01	2.23	75.53	Technology
○ Darling Ingredients Inc	1.00	3.23	45.95	Consumer Defensive
⊕ E-mini S&P 500 Futures Mar20	0.91	4.14	_	_
SkyWest Inc	0.76	4.90	46.41	Industrials
GATX Corp	0.71	5.62	19.60	Industrials
─ World Fuel Services Corp	0.71	6.32	104.48	Energy
Washington Federal Inc	0.69	7.01	40.28	Financial Services
⊕ Associated Banc-Corp	0.67	7.68	14.86	Financial Services
→ FTI Consulting Inc	0.67	8.34	66.06	Industrials
⊕ American Equity Investment Life Holding Co	0.66	9.01	8.20	Financial Services
○ CACI International Inc Class A	0.66	9.67	73.57	Technology
	0.66	10.32	92.75	Industrials
Commercial Metals Co	0.63	10.95	42.01	Basic Materials
⊕ Old National Bancorp	0.60	11.55	22.14	Financial Services

Total Holdings 975

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



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)

Stephen Concannon since 11-2014 Jeffrey Mueller since 06-2019 Kelley Baccei since 06-2019

Quantitative Screens

❷ Performance: The fund has finished in the High Yield Bond 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 5.16 years.

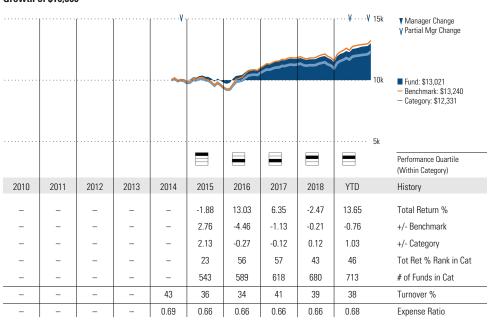
Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.68 is 31.31% lower than the High Yield Bond category average.

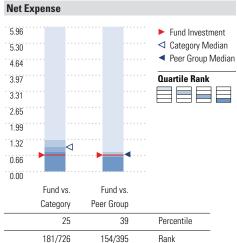
Morningstar Investment Management LLC Analysis

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 Wietrics			
	Fund	Bmark	Cat
Alpha	0.08	-	-0.33
Beta	0.88	-	0.90
R-Squared	98.01	_	90.31
Standard Deviation	3.72	4.19	3.99
Sharpe Ratio	1.03	1.08	0.92
Tracking Error	0.73	_	1.35
Information Ratio	-0.94	_	-0.82
Up Capture Ratio	87.12	_	87.77
Down Capture Ratio	82.11	-	94.48

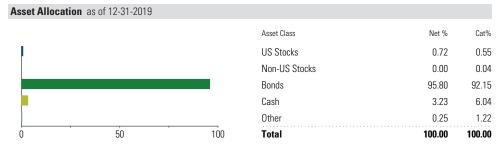
Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	2.53	-	2.62
Avg Eff Maturity	3.67	_	4.55



Eaton Vance Income Fund of Boston R6 EIBRX

Morningstar Category
High Yield Bond
ICE BofAML US High Yield TR USD

Styl	Style Analysis as of 12-31-2019								
Style Breakdown									
Fixed	Income		Quality						
			High						
			Mid						
			Low						
Ltd Durat	Mod	Ext							



Credit Rating Breakdown	Fund	Bmark	Cat
AAA	0.00	_	3.30
AA	0.00	_	0.24
A	0.00	_	0.68
BBB	6.33	_	5.41
BB	44.25	_	37.21
В	41.10	_	38.71
Below B	7.93	_	12.59
Not Rated	0.40	_	1.86

	Fund	Bmark	Cat	Fund	▼ Benchmark	Catego	ny Avers	nne		
Government	0.00	Dillark	1.49	i[] :	- Denominark	ij oatogt	i i	ige		
	0.00		1.30							
Treasury		_								
Inflation – Protected	0.00	_	0.00	0						
Agency/Quasi Agency	0.00	_	0.10	0						
Other Government Related	0.00	_	0.09							
Corporate	96.75	_	87.07							
Corporate Bond	90.04	_	82.93							
Bank Loan	6.68	-	2.91							
Convertible	0.00	_	1.05	0						
Preferred	0.03	_	0.18	İ						
Securitized	0.00	_	1.11	10						
Agency MBS Pass-Through	0.00	_	0.01	İ						
Agency MBS ARM	0.00	_	0.00	İ						
Agency MBS CMO	0.00	_	0.20							
Non-Agency Residential MBS	0.00	_	0.12							
Commercial MBS	0.00	_	0.06							
Asset-Backed	0.00	_	0.72	0						
Covered Bond	0.00	_	0.00	Ď i						
Municipal	0.00	_	0.02	Ī						
Cash & Equivalents	3.25	_	6.73							
Other	0.00	_	3.60	i N						

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

Marra.	Maturity Date	0/ NI=+ A===+	0	First Instance Contain
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
Ev Cash Reserves Fund Llc	_	2.94	2.94	_
Asurion	08-2025	1.24	4.18	_
MPH Acquisition Holdings LLC 7.12%	06-2024	1.03	5.21	_
Sprint Corporation 7.88%	09-2023	0.97	6.18	_
NEPTUNE ENERGY BONDCO PLC 6.62%	05-2025	0.74	6.92	_
Viking Cruises, Ltd. 5.88%	09-2027	0.69	7.61	_
CrownRock LP 5.62%	10-2025	0.67	8.29	-
Laureate Education, Inc. 8.25%	05-2025	0.64	8.93	_
Jaguar Holding Co II/Pharmaceutical Product Development LLC 6.38%	08-2023	0.62	9.55	_
ARD Finance S.A. 5%	06-2027	0.58	10.13	_

Total Holdings 504

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



Federated Government Ultrashrt Dur R6 FGULX

Morningstar Category
Ultrashort Bond

Morningstar Index BBgBarc US Agg Bond TR USD

Portfolio Manager(s)

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

Quantitative Screens

❷ Performance: The fund has finished in the Ultrashort
Bond category's top three quartiles in 2 of the 3 years it's
been in existence.

Management: The fund's management has been in place for 22.49 years.

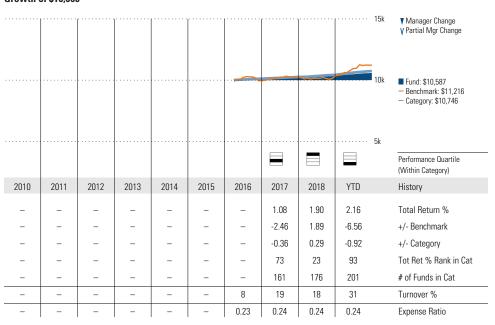
Style Consistency is not calculated for Fixed Income funds.

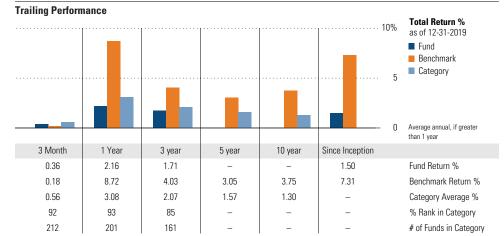
Net Expense: The fund's expense ratio of 0.24 is 47.83% lower than the Ultrashort Bond category average.

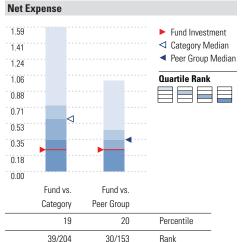
Morningstar Investment Management LLC Analysis

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







2-1 cai mon memos			
	Fund	Bmark	Cat
Alpha	1.57	_	1.88
Beta	0.03	-	0.04
R-Squared	16.08	_	16.38
Standard Deviation	0.24	2.91	0.40
Sharpe Ratio	0.00	0.80	0.86
Tracking Error	2.82	_	2.83
Information Ratio	-0.82	_	-0.70
Up Capture Ratio	18.37	_	23.27
Down Capture Ratio	-31.09	_	-33.04

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	0.38	4.43	0.89
Avg Eff Maturity	2.62	-	1.73



Federated Government Ultrashrt Dur R6 FGULX

Morningstar CategoryMorningsUltrashort BondBBgBarc U

Morningstar Index BBgBarc US Agg Bond TR USD

Style Analysis as of 12-31-2019 Style Breakdown

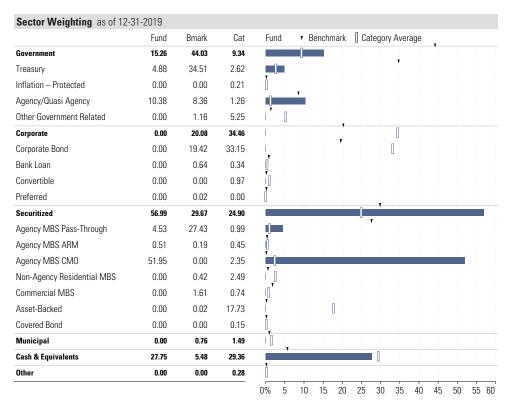




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Credit Rating Breakdown	Fund	Bmark	Cat
AAA	100.00	3.53	46.67
AA	0.00	74.59	12.35
A	0.00	10.82	22.65
BBB	0.00	8.32	14.09
BB	0.00	0.28	0.85
В	0.00	0.00	0.30
Below B	0.00	0.00	0.21
Not Rated	0.00	2.46	2.89



100

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Bmocap Repo 5 Repo	01-2020	22.34	22.34	_
	01-2049	4.01	26.35	_
	01-2049	3.43	29.78	_
Government National Mortgage Association 0.82%	02-2065	3.33	33.11	_
→ Government National Mortgage Association 0.82%	01-2065	3.21	36.32	_
⊖ Government National Mortgage Association 2.16%	09-2046	2.72	39.04	_
	09-2062	2.43	41.47	_
Government National Mortgage Association 0.74%	06-2062	2.32	43.78	_
	10-2046	2.23	46.02	_
	01-2047	2.14	48.16	_

Total Holdings 223

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



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

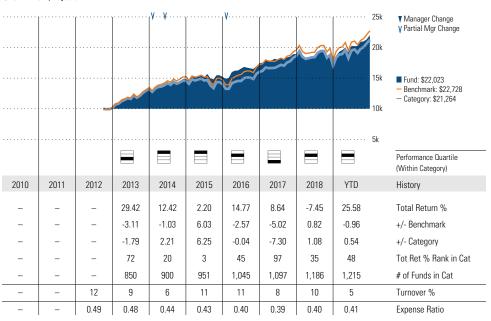
Quantitative Screens

- Management: The fund's management has been in place for 17.01 years.
- Net Expense: The fund's expense ratio of 0.41 is 56.84% lower than the Large Value category average.

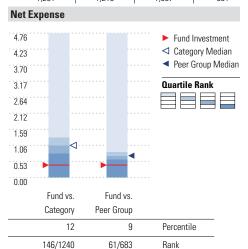
Morningstar Investment Management LLC Analysis

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







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	0.88	_	0.26
Beta	0.74	_	0.99
R-Squared	90.01	-	93.57
Standard Deviation	9.31	12.02	12.30
Sharpe Ratio	0.70	0.69	0.70
Tracking Error	4.33	-	3.22
Information Ratio	-0.37	-	0.06
Up Capture Ratio	71.92	-	99.40
Down Capture Ratio	62.85	-	97.97

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

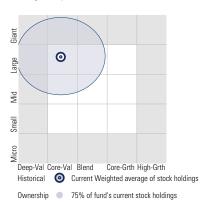
Morningstar Category Large Value

Morningstar Index

Russell 1000 Value TR USD

Style Analysis as of 12-31-2019

Morningstar Style Box™



Style Breakdown

Equity

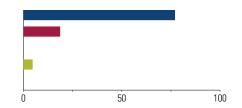
51	33	2	Laige
9	4	0	MIN
1	0	0	ollidii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 12-31-2019



Asset Class	Net %	Cat%
US Stocks	76.96	91.28
Non-US Stocks	18.52	5.77
Bonds	0.00	0.36
Cash	4.52	1.81
Other	0.00	0.78
Total	100.00	100.00

-	ctor Weighting as of 12-3				_				. п							
		Fund	Bmark	Cat	Fun	t	▼ Be	nchma	rk []	Cate	gory Av	erage	,			
Դ	Cyclical	23.88	38.73	34.63		,										
A	Basic Materials	1.81	3.85	3.08		l'i										
A	Consumer Cyclical	5.41	5.74	6.87												
ı , j	Financial Services	15.04	23.64	21.17						1						
ıπ	Real Estate	1.62	5.50	3.51		[]										
W	Sensitive	23.51	32.34	36.81												
	Communication Services	4.49	8.18	8.33												
•	Energy	6.20	8.27	8.42			<u> </u>									
Ф	Industrials	12.38	9.17	10.03												
	Technology	0.44	6.72	10.03	1	- '										
-	Defensive	52.61	28.95	28.54												
Ħ	Consumer Defensive	25.88	9.15	9.03												
+	Healthcare	8.13	13.25	14.11				1								
•	Utilities	18.60	6.55	5.40												
					0%	5	10	15	20	25	30	35	40	45	50	

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
The Hartford Financial Services Group Inc	3.25	3.25	39.42	Financial Services
	3.20	6.45	43.44	Utilities
General Mills Inc	3.09	9.54	42.58	Consumer Defensive
	2.89	12.44	39.09	Consumer Defensive
⊝ Coca-Cola Co	2.65	15.09	20.27	Consumer Defensive
AT&T Inc	2.64	17.73	44.08	Communication Svc
PPL Corp	2.56	20.28	32.47	Utilities
⊕ Dominion Energy Inc	2.42	22.71	21.03	Utilities
⊕ Citi_gl_fxgl	2.29	25.00	_	-
⊕ Citi_gl_fxgl	2.28	27.28	-	-
⊕ Rbcc_gl_fxgl	2.24	29.53	_	_
⊕ Rbcc_gl_fxgl	2.23	31.75	_	_
Exelon Corp	2.18	33.94	4.30	Utilities
Campbell Soup Co	2.13	36.07	54.05	Consumer Defensive
M&T Bank Corp	2.12	38.19	21.46	Financial Services

Total Holdings 83

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



Invesco Oppenheimer Developing Mkts R6 ODVIX

Morningstar Category Diversified Emerging Mkts

Morningstar Index MSCI 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 8 of the 8 years it's been in existence.

Management: The fund's management has been in place for 12.68 years.

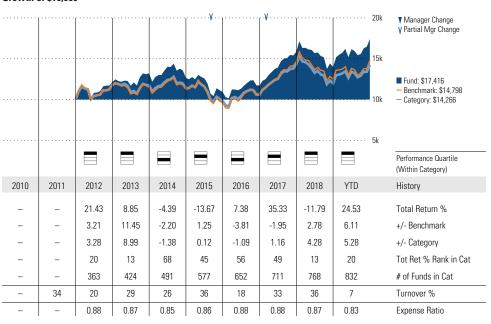
Style: The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.83 is 34.65% lower than the Diversified Emerging Mkts category average.

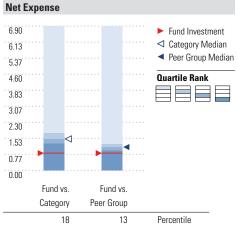
Morningstar Investment Management LLC Analysis

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







	147/843	61/470	Rank
Peer group	is a subset of the	category and ir	ncludes funds with the
same man	agement style (ac	tive vs. passive)	and similar share class
characteri	etice		

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	3.35	_	0.32
Beta	0.90	_	0.90
R-Squared	92.81	_	88.31
Standard Deviation	13.45	14.37	13.84
Sharpe Ratio	0.92	0.71	0.68
Tracking Error	3.87	-	4.76
Information Ratio	0.66	-	-0.15
Up Capture Ratio	97.14	_	92.92
Down Capture Ratio	80.00	_	92.99

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

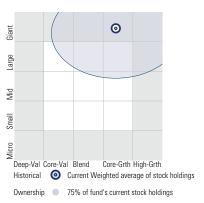


Invesco Oppenheimer Developing Mkts R6 ODVIX

Morningstar CategoryMorningstar IndexDiversified Emerging MktsMSCI EM NR USD

Style Analysis as of 12-31-2019

Morningstar Style Box™



Style Breakdown

Equity

14	25	52	Luigo
1	0	7	IVIIC
0	0	0	O

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



50

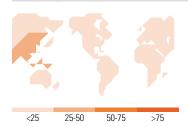
Asset Allocation as of 12-31-2019

Total	100.00	100.00
Other	5.98	0.88
Cash	3.05	1.42
Bonds	0.72	0.31
Non-US Stocks	89.76	95.28
US Stocks	0.49	2.11
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	▼ Benchmark	Cate	gory Av	erage		
ŀ	Cyclical	62.18	46.97	45.66						٠.	
A.	Basic Materials	5.21	7.25	5.11							
4	Consumer Cyclical	28.73	12.42	12.85							
<u></u>	Financial Services	26.91	24.19	25.25							
t	Real Estate	1.33	3.11	2.45							
M	Sensitive	25.44	40.94	39.34							
d	Communication Services	7.34	12.24	11.14		0'					
	Energy	5.66	7.51	6.24							
¢	Industrials	3.59	5.41	5.59							
2	Technology	8.85	15.78	16.37							
→	Defensive	12.38	12.09	14.98							
	Consumer Defensive	8.78	6.51	9.66	7						
ŀ	Healthcare	3.60	3.01	3.47							
•	Utilities	0.00	2.57	1.85	i [

100

World Regions % Equity 12-31-2019



Greater Asia	59.19	68.98	
Japan Australasia Asia-4 Tigers Asia-ex 4 Tigers	0.00 0.00 17.30 41.89	0.12 0.01 23.07 45.78	
Not Classified	0.00	0.00	

Americas	Fund % 18.25	Cat % 15.26	Greater Europe	Fund % 22.56	Cat % 15.76	Market Maturity	Fund %
North America Central/Latin	0.53 17.72	1.60 13.66	United Kingdom W euro-ex UK Emrgng Europe Africa	0.00 9.44 9.98 3.14	0.83 1.77 7.34 5.82	Developed Markets Emerging Markets Not Available	27.27 72.73 0.00

Top 10 Holdings as of 12-31-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	6.98	6.98	54.74	Consumer Cyclical
Master China Series 1	5.95	12.93	_	-
Taiwan Semiconductor Manufacturing Co Ltd	5.13	18.06	52.33	Technology
⊕ Kering SA	5.10	23.16	44.73	Consumer Cyclical
① Tencent Holdings Ltd	4.89	28.05	19.94	Communication Svc
Housing Development Finance Corp Ltd	4.55	32.61	23.63	Financial Services
⊕ NOVATEK PJSC GDR	4.55	37.15	21.34	Energy
⊕ AIA Group Ltd	3.51	40.66	27.81	Financial Services
	2.84	43.50	34.11	Financial Services
⊕ Usd Currency Cash	2.77	46.27	-	-

Total Holdings 92

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



Invesco Oppenheimer International Gr R6 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

Performance: The fund has finished in the Foreign Large Growth category's top three quartiles in 5 of the 7 years it's been in existence.

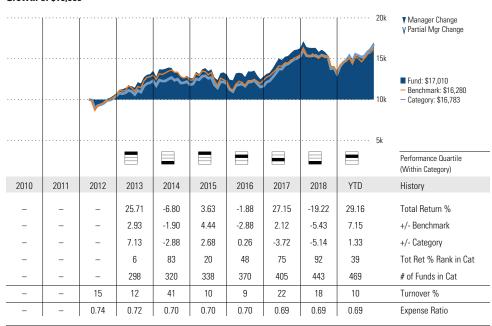
Management: The fund's management has been in place for 23.78 years.

Net Expense: The fund's expense ratio of 0.69 is
 37.84% lower than the Foreign Large Growth category average.

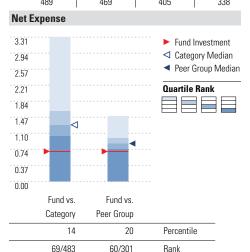
Morningstar Investment Management LLC Analysis

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

Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.55	_	2.84
Beta	1.11	_	1.03
R-Squared	86.97	_	-
Standard Deviation	13.06	10.96	12.25
Sharpe Ratio	0.66	0.73	0.89
Tracking Error	4.87	_	4.87
Information Ratio	0.06	_	0.66
Up Capture Ratio	105.52	-	105.20
Down Capture Ratio	107.17	_	83.81

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



On Watch

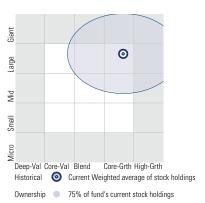
Invesco Oppenheimer International Gr R6 OIGIX

Morningstar Category Foreign Large Growth

Morningstar Index MSCI EAFE NR USD

Style Analysis as of 12-31-2019

Morningstar Style Box™



Style Breakdown

Equity

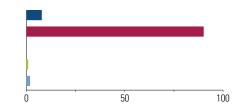
. ,			
8	18	46	Large
3	6	16	Mid
1	1	1	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

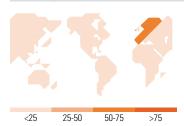
Asset Allocation as of 12-31-2019





		Fund	Bmark	Cat	Fund	ŀ	▼ Ben	chmark] Ca	ategory	Avera	ge	
٠	Cyclical	23.21	39.28	33.28									
à.	Basic Materials	2.62	7.04	4.88			<u> </u>						
	Consumer Cyclical	14.22	10.25	11.14			· · · · · · · · · · · · · · · · · · ·						
٥	Financial Services	6.37	18.52	16.24				0	*				
à	Real Estate	0.00	3.47	1.02	i []	*							
Ųľ	Sensitive	45.78	33.39	39.60								1	
	Communication Services	1.21	6.00	6.61									
	Energy	0.94	5.13	2.59	<u> </u>			<u>:</u>					
)	Industrials	19.21	14.95	15.08			,						
3	Technology	24.42	7.31	15.32			<u> </u>				_ :		
+	Defensive	31.00	27.33	27.11									
Ţ	Consumer Defensive	12.49	11.20	12.65			- '	0					
1	Healthcare	18.51	12.53	13.24									
1	Utilities	0.00	3.60	1.22	[1							

World Regions % Equity 12-31-2019



	Fund %	Cat %
Greater Asia	25.86	31.55
Japan	12.68	13.98
Australasia	4.31	2.07
Asia-4 Tigers	4.46	6.36
Asia-ex 4 Tigers	4.41	9.14
Not Classified	0.00	0.00

Americas	Fund % 13.26	Cat % 15.11	Greater Europe	Fund % 60.87	Cat % 53.32	Market Maturity	Fund %
North America	13.26	13.03	United Kingdom	8.87	11.74	Developed Markets	94.66
Central/Latin	0.00	2.08	W euro-ex UK	51.08	40.44	Emerging Markets	5.34
			Emrgng Europe	0.92	0.45	Not Available	0.00
			Africa	0.00	0.69		

Top 10 Holdings as of 12-31-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
SAPSE	2.91	2.91	40.14	Technology
Hitachi Ltd	2.91	5.82	60.82	Industrials
	2.81	8.63	94.55	Technology
Hermes International SA	2.77	11.39	38.36	Consumer Cyclical
⊕ STMicroelectronics NV	2.54	13.93	93.71	Technology
Grifols SA A	2.51	16.44	38.76	Healthcare
⊖ Hoya Corp	2.50	18.94	59.33	Healthcare
Keyence Corp	2.27	21.22	38.61	Technology
Novo Nordisk A/S B	2.19	23.41	32.53	Healthcare
⊕ Roche Holding AG Dividend Right Cert.	2.04	25.44	32.58	Healthcare

Total Holdings 80

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

MFS Growth R6 MFEKX

Portfolio Manager(s)

Eric Fischman since 04-2002 Paul Gordon since 07-2017

Quantitative Screens

- Performance: The fund has finished in the Large Growth category's top three quartiles in 8 of the 8 years it's been in existence.
- Management: The fund's management has been in place for 17.76 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 0.57 is 44.66% lower than the Large Growth category average.

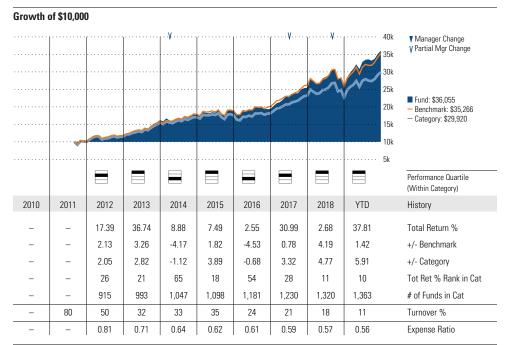
Morningstar Investment Management LLC Analysis

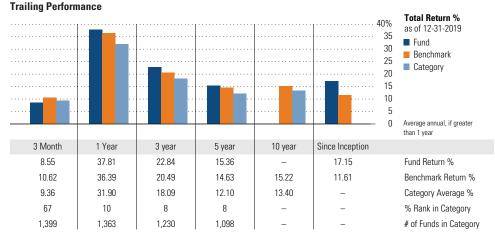
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

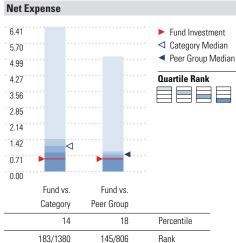
Morningstar Category Large Growth

Morningstar Index

Russell 1000 Growth TR USD







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	2.88	-	-1.51
Beta	0.95	-	0.99
R-Squared	94.76	-	91.69
Standard Deviation	12.96	13.26	13.71
Sharpe Ratio	1.53	1.35	1.18
Tracking Error	3.04	_	3.96
Information Ratio	0.78	_	-0.68
Up Capture Ratio	100.80	_	93.29
Down Capture Ratio	83.98	_	99.12

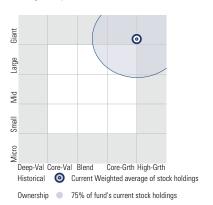
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	26.50	21.82	23.08
Price/Book Ratio	4.50	5.15	4.39
Geom Avg Mkt Cap \$B	50.98	55.71	72.96
ROE	20.27	27.80	23.94



MFS Growth R6 MFEKX

Style Analysis as of 12-31-2019

Morningstar Style Box™



Style Breakdown

Equity

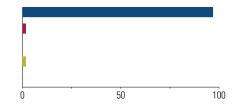
2	21	74	Large
0	0	3	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 12-31-2019



Total	100.00	100.00
Other	0.00	0.56
Cash	1.55	1.85
Bonds	0.00	0.03
Non-US Stocks	1.62	5.52
US Stocks	96.83	92.03
Asset Class	Net %	Cat%

Morningstar Index

Russell 1000 Growth TR USD

Morningstar Category

Large Growth

		Fund	Bmark	Cat	Fund	▼ Be	enchmark	Cate	gory Av	/erage		
,	Cyclical	33.00	25.63	29.58				'				
	Basic Materials	3.18	1.09	1.72								
•	Consumer Cyclical	11.15	13.81	13.18								
	Financial Services	16.72	8.23	12.52		<u> </u>						
ì	Real Estate	1.95	2.50	2.16								
Ħ	Sensitive	48.45	54.65	50.34								
	Communication Services	14.36	11.61	15.02								
)	Energy	0.27	0.26	0.90	i							
ŀ	Industrials	9.15	10.06	8.66		= ()						
1	Technology	24.67	32.72	25.76						1		
+	Defensive	18.53	19.73	20.06								
Ţ	Consumer Defensive	4.71	5.01	4.63								
1	Healthcare	13.82	14.72	14.70								
2	Utilities	0.00	0.00	0.73	10							

Top 15 Holdings as of 12-31-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Microsoft Corp	8.19	8.19	57.12	Technology
⊕ Amazon.com Inc	5.45	13.64	23.03	Consumer Cyclical
⊕ Visa Inc Class A	4.85	18.49	43.21	Financial Services
Adobe Inc	4.44	22.93	45.78	Technology
⊕ Mastercard Inc A	4.17	27.10	58.98	Financial Services
Alphabet Inc A	4.16	31.25	28.18	Communication Svc
⊕ Thermo Fisher Scientific Inc	2.74	33.99	45.51	Healthcare
⊕ Facebook Inc A	2.61	36.60	56.57	Communication Svc
⊕ Fiserv Inc	2.55	39.15	57.34	Financial Services
⊕ Global Payments Inc	2.38	41.53	77.24	Industrials
⊕ Salesforce.com Inc	2.09	43.62	18.74	Technology
⊕ Danaher Corp	1.98	45.60	49.50	Healthcare
⊕ Fidelity National Information Services Inc	1.96	47.56	37.00	Technology
⊕ Apple Inc	1.87	49.43	88.09	Technology
⊕ Zoetis Inc Class A	1.87	51.30	55.49	Healthcare

Total Holdings 77

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



MFS Massachusetts Investors Tr R6 MITJX

Morningstar Category
Large Blend

Morningstar Index S&P 500 TR USD

Portfolio Manager(s)

T. Kevin Beatty since 07-2004 Edward (ted) Maloney since 04-2012 Alison Mackey since 05-2018

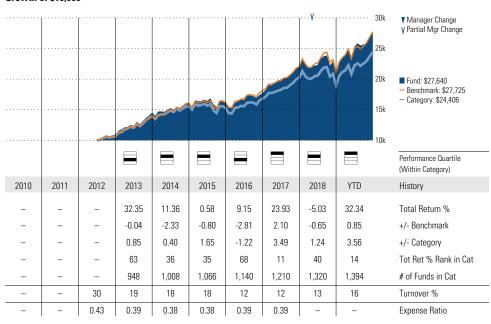
Quantitative Screens

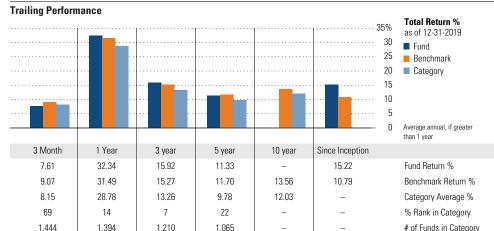
- Performance: The fund has finished in the Large Blend category's top three quartiles in 7 of the 7 years it's been in evistence
- Management: The fund's management has been in place for 15.51 years.
- \times Style: The fund has landed in its primary style box Large Blend 14.29 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.39 is 56.18% lower than the Large Blend category average.

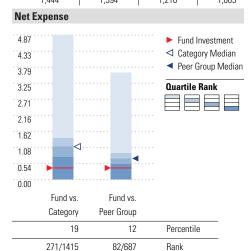
Morningstar Investment Management LLC Analysis

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

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 KISK Wietrics			
	Fund	Bmark	Cat
Alpha	1.16	_	-1.42
Beta	0.96	_	0.95
R-Squared	96.02	_	94.36
Standard Deviation	11.83	12.10	11.87
Sharpe Ratio	1.17	1.10	0.96
Tracking Error	2.41	_	2.89
Information Ratio	0.27	_	-1.41
Up Capture Ratio	98.96	_	90.48
Down Capture Ratio	92.36	_	97.68

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.34	18.71	17.87
Price/Book Ratio	2.83	2.74	2.65
Geom Avg Mkt Cap \$B	56.60	73.09	97.84
ROE	20.01	21.80	22.01



MFS Massachusetts Investors Tr R6 MITJX

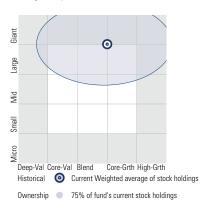
Morningstar Category Large Blend

Morningstar Index

S&P 500 TR USD

Style Analysis as of 12-31-2019

Morningstar Style Box™



Style Breakdown

Equity

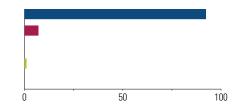
20	38	34	Large
2	4	2	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 12-31-2019



Asset Class	Net %	Cat%
US Stocks	92.23	94.41
Non-US Stocks	6.92	3.02
Bonds	0.00	0.33
Cash	0.85	0.74
Other	0.00	1.50
Total	100.00	100.00

Sec	ctor Weighting as of 12-	31-2019				
		Fund	Bmark	Cat	Fund • Benchmark [] Category Average	
Դ	Cyclical	31.09	30.72	31.94		
A	Basic Materials	3.43	2.30	2.67		
A	Consumer Cyclical	7.25	9.57	9.75		
,	Financial Services	18.03	15.92	16.56		
ŵ	Real Estate	2.38	2.93	2.96		
W	Sensitive	41.55	44.06	43.04	V	
	Communication Services	10.44	10.39	5.00		
0	Energy	4.16	4.35	4.12		
Ф	Industrials	7.20	9.54	11.72		
	Technology	19.75	19.78	22.20		
→	Defensive	27.36	25.23	25.02		
	Consumer Defensive	10.37	7.54	8.04		
٠	Healthcare	16.46	14.37	14.11		
•	Utilities	0.53	3.32	2.87		
					0% 5 10 15 20 25 30	35 40 4

Top 15 Holdings as of 12-31-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	3.41	3.41	28.18	Communication Svc
	3.10	6.51	46.18	Financial Services
	2.96	9.47	57.12	Technology
	2.67	12.14	27.06	Healthcare
	2.53	14.67	58.98	Financial Services
⊝ Johnson & Johnson	2.52	17.19	15.94	Healthcare
⊕ Bank of America Corp	2.42	19.61	45.62	Financial Services
	2.36	21.97	47.67	Real Estate
	2.35	24.32	43.21	Financial Services
⊕ Thermo Fisher Scientific Inc	2.14	26.47	45.51	Healthcare
 Accenture PLC Class A 	2.06	28.52	50.93	Technology
	2.05	30.58	37.00	Technology
○ Comcast Corp Class A	2.01	32.59	33.92	Communication Svc
⊖ Honeywell International Inc	1.90	34.48	36.51	Industrials
⊕ Becton, Dickinson and Co	1.80	36.28	22.08	Healthcare

Total Holdings 76

⊕ Increase ⊝ Decrease 🌣 New to Portfolio



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

❷ Performance: The fund has finished in the Mid-Cap
Growth category's top three quartiles in 6 of the 6 years it's
been in existence.

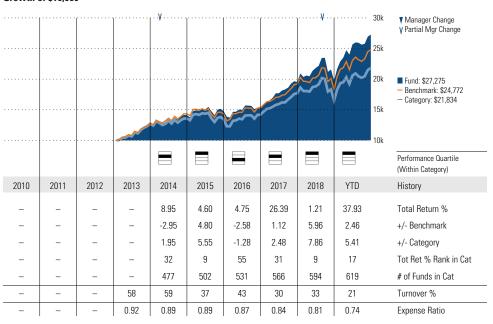
Management: The fund's management has been in place for 11.12 years.

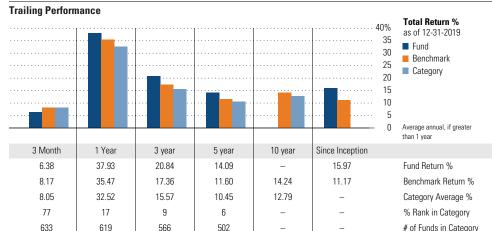
✓ Net Expense: The fund's expense ratio of 0.74 is
35.09% lower than the Mid-Cap Growth category average.

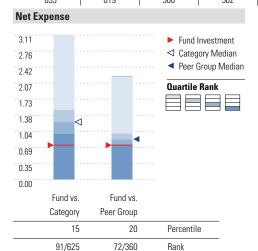
Morningstar Investment Management LLC Analysis

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.









Fund	Bmark	Cat
4.55	_	-0.72
0.90	_	1.00
93.40	_	90.58
13.10	14.07	14.79
1.39	1.09	1.00
3.65	_	4.59
0.95	_	-0.37
101.04	_	97.18
76.71	_	101.27
	4.55 0.90 93.40 13.10 1.39 3.65 0.95	4.55 - 0.90 - 93.40 - 13.10 14.07 1.39 1.09 3.65 - 0.95 - 101.04 -

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

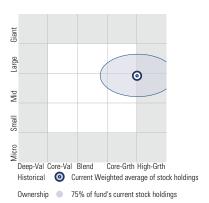
Morningstar Category Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

Style Analysis as of 12-31-2019

Morningstar Style Box™



Style Breakdown

Equity

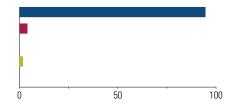
' '			
0	10	32	Large
0	14	43	Mid
0	0	1	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 12-31-2019



Total	100.00	100.00
Other	0.00	0.29
Cash	1.65	2.72
Bonds	0.00	0.04
Non-US Stocks	3.86	4.34
US Stocks	94.49	92.62
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-	31-2019														
		Fund	Bmark	Cat	Fund		▼ Ber	nchmarl		Categ	jory Av	/erage				
<u></u>	Cyclical	31.17	26.18	32.14												
A	Basic Materials	3.20	1.55	2.57												
A	Consumer Cyclical	14.14	14.62	14.61												
F	Financial Services	9.48	6.59	10.14		: 1										
fi	Real Estate	4.35	3.42	4.82												
W	Sensitive	52.46	53.74	43.99												Ţ
	Communication Services	5.05	5.14	3.26		1										
•	Energy	0.41	1.23	1.38	Ĭ											
Ф	Industrials	23.54	18.51	16.02					1							
	Technology	23.46	28.86	23.33							1					
—	Defensive	16.37	20.08	23.88					-							
Ħ	Consumer Defensive	1.19	4.87	2.88		•										
٠	Healthcare	15.18	15.21	20.38												
•	Utilities	0.00	0.00	0.62	Ī											
					0%	5	10	15	20	25	30	35	40	45	50	55

Top 15 Holdings as of 12-31-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Global Payments Inc	3.97	3.97	77.24	Industrials
⊕ Bright Horizons Family Solutions Inc	3.48	7.45	34.85	Consumer Cyclical
⊕ Fidelity National Information Services Inc	2.51	9.95	37.00	Technology
⊕ PerkinElmer Inc	2.46	12.42	23.97	Healthcare
⊕ Copart Inc	2.36	14.78	90.33	Industrials
⊕ Fiserv Inc	2.30	17.08	57.34	Financial Services
⊕ AMETEK Inc ■	2.26	19.34	48.15	Industrials
⊕ Cadence Design Systems Inc	2.07	21.41	59.52	Technology
⊕ Verisk Analytics Inc	2.05	23.46	37.88	Industrials
⊕ Steris PLC	2.04	25.50	43.98	Healthcare
⊕ IHS Markit Ltd	2.04	27.54	57.08	Industrials
⊕ Roper Technologies Inc	1.83	29.36	33.60	Industrials
Nasdaq Inc	1.79	31.16	33.57	Financial Services
⊕ MSCI Inc	1.79	32.94	76.83	Financial Services
⊕ Autodesk Inc	1.75	34.70	42.65	Technology

Total Holdings 95

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



PGIM Jennison Small Company R6 PJSQX

Morningstar Category Small Growth

Morningstar Index

Russell 2000 Growth TR USD

Portfolio Manager(s)

John Mullman since 05-2000 Jason Swiatek since 11-2013 Jonathan Shapiro since 07-2018

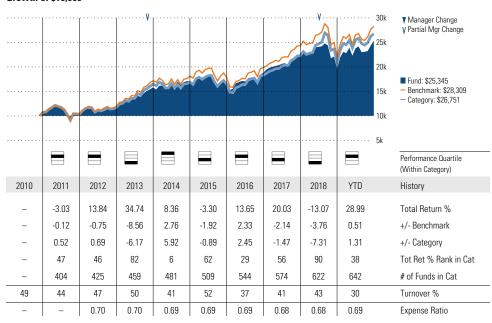
Quantitative Screens

- Performance: The fund has finished in the Small Growth category's top three quartiles in 7 of the 9 years it's been in
- Management: The fund's management has been in place for 19.67 years.
- × Style: The fund has landed in its primary style box Small Growth — 37.14 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.69 is 43.44% lower than the Small Growth category average.

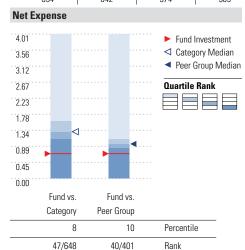
Morningstar Investment Management LLC Analysis

This fund fails our style screen due to edging up into midcap territory but its portfolio positioning is consistent with the overall investment strategy.

Growth of \$10,000







3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	-0.60	_	2.04
Beta	0.89	_	0.95
R-Squared	93.65	_	90.99
Standard Deviation	15.19	16.60	16.64
Sharpe Ratio	0.62	0.69	0.78
Tracking Error	4.28	-	4.99
Information Ratio	-0.49	-	0.28
Up Capture Ratio	87.39	-	99.40
Down Capture Ratio	90.36	-	90.07

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.87	24.72	25.39
Price/Book Ratio	2.12	3.88	3.65
Geom Avg Mkt Cap \$B	2.55	1.66	2.80
ROE	10.83	10.22	9.63



PGIM Jennison Small Company R6 PJSQX

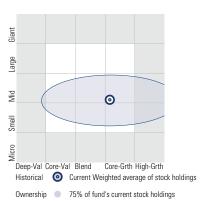
Morningstar Category Small Growth

Morningstar Index

Russell 2000 Growth TR USD

Style Analysis as of 12-31-2019

Morningstar Style Box™



Style Breakdown

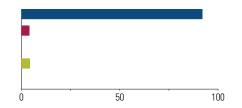
Equity

. ,			
0	1	1	Large
12	20	25	Mid
9	21	10	Small
Value	Blend	Growth	

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 12-31-2019



Total	100.00	100.00
Other	0.00	0.46
Cash	4.17	2.78
Bonds	0.00	0.00
Non-US Stocks	3.90	3.17
US Stocks	91.93	93.58
Asset Class	Net %	Cat%

Sector Weighting as of 1	2-31-2019			
	Fund	Bmark	Cat	Fund • Benchmark [] Category Average
b Cyclical	46.04	23.92	27.52	
Basic Materials	6.43	3.46	2.94	
Consumer Cyclical	10.71	10.05	11.52	
Financial Services	15.51	5.81	9.38	
Real Estate	13.39	4.60	3.68	
✓ Sensitive	33.50	39.68	44.67	
Communication Services	0.99	2.66	2.17	
Energy	4.16	0.65	1.39	
Industrials	14.72	19.13	18.12	
Technology	13.63	17.24	22.99	
→ Defensive	20.46	36.39	27.81	
Consumer Defensive	4.69	4.36	4.91	
Healthcare	12.08	30.52	21.76	
Utilities	3.69	1.51	1.14	
				0% 5 10 15 20 25 30 35 40 45

Top 15 Holdings as of 12-31-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Pgim Core Ultra Short Bond Fund	4.29	4.29	_	_
→ Pinnacle Financial Partners Inc	3.20	7.49	40.22	Financial Services
→ WPX Energy Inc Class A	2.69	10.18	21.06	Energy
○ CDW Corp	2.38	12.56	77.80	Technology
Gaming and Leisure Properties Inc	2.36	14.92	41.72	Real Estate
East West Bancorp Inc	2.33	17.25	14.30	Financial Services
BankUnited Inc	2.33	19.58	24.92	Financial Services
Summit Materials Inc A	2.24	21.82	92.74	Basic Materials
→ Performance Food Group Co	2.23	24.05	59.53	Consumer Defensive
HubSpot Inc	2.07	26.12	26.06	Technology
Mobile Mini Inc	2.06	28.18	22.87	Industrials
⊕ Rexnord Corp	2.02	30.20	42.14	Industrials
⊕ Saia Inc	1.86	32.06	66.82	Industrials
Steven Madden Ltd	1.82	33.88	44.02	Consumer Cyclical
→ MFA Financial Inc	1.68	35.56	26.50	Real Estate

Total Holdings 117

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



PIMCO Commodity Real Ret Strat Instl PCRIX

Morningstar Category Commodities Broad Basket

Morningstar Index

Bloomberg Commodity TR USD

Portfolio Manager(s)

Nicholas Johnson since 01-2015 Greg Sharenow since 11-2018 Stephen Rodosky since 01-2019

Quantitative Screens

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

Management: The fund's management has been in place for 5 years.

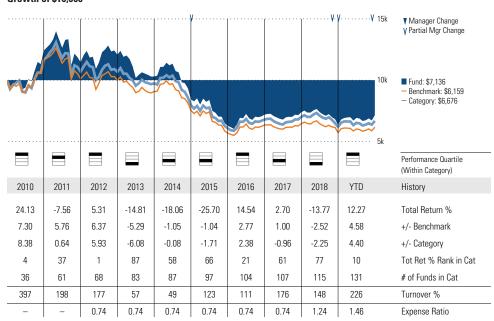
Style Consistency is not calculated for Fixed Income funds.

× Net Expense: The fund's expense ratio of 1.46 is 25.86% higher than the Commodities Broad Basket category average.

Morningstar Investment Management LLC Analysis

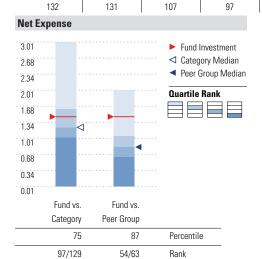
This fund fails the expense screen. However, that failure is due to a new fee calculation methodology that incorporates costs that are not an additional charge to shareholders. As a result, we do not regard the failure as significant.

Growth of \$10,000



Trailing Performance Total Return % as of 12-31-2019 Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year Fund Return % 6.20 12.27 -0.20 -3.29 -3.322.48 4.42 7.69 -0.94 -3.92 -4.73 1.89 Benchmark Return % 4 93 7 87 -0.15 -3.30 -5 04 Category Average % 21 10 47 47 19 % Rank in Category

36



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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.91	_	1.04
Beta	1.11	_	1.02
R-Squared	96.18	_	76.84
Standard Deviation	9.75	8.58	10.31
Sharpe Ratio	-0.15	-0.27	-0.16
Tracking Error	2.14	_	5.01
Information Ratio	0.35	_	-0.02
Up Capture Ratio	116.93	_	114.72
Down Capture Ratio	109.04	_	106.23

Fund	Bmark	Cat
12.32	_	17.61
1.51	_	2.09
20.09	_	34.02
16.78	_	11.39
	12.32 1.51 20.09	12.32 – 1.51 – 20.09 –



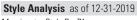
of Funds in Category

PIMCO Commodity Real Ret Strat Instl PCRIX

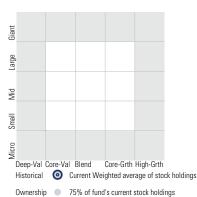
Morningstar CategoryCommodities Broad Basket Bloomb

Morningstar Index

Bloomberg Commodity TR USD







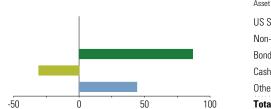
Style Breakdown



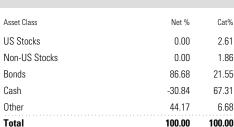


Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 12-31-2019



Sec	ctor Weighting as of 12-	31-2019							
		Fund	Bmark	Cat	Fund	▼ Benchmark	Catego	ory Average	
<u></u>	Cyclical	64.28	_	28.58					
æ.	Basic Materials	7.14	_	3.32					
A	Consumer Cyclical	7.14	-	11.36					
,	Financial Services	14.29	-	13.90					
fi	Real Estate	35.71	_	0.00					
W	Sensitive	28.57	_	43.42					
d	Communication Services	7.14	_	8.71					
•	Energy	0.00	_	4.66	į [
Ф	Industrials	7.14	_	14.64					
	Technology	14.29	_	15.41					
-	Defensive	7.14	-	28.00					
Ħ	Consumer Defensive	7.14	_	7.30					
+	Healthcare	0.00	_	13.54					
0	Utilities	0.00	_	7.16	i I				

A.I.	0/ 11 .	0 1 2 6	VED D : ""	
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Euro Schatz Dec19	29.72	29.72	_	_
Pimco Cayman Cmdty Fd Ltd Instl	26.94	56.66	_	-
─ United States Treasury Notes 0.12%	20.99	77.64	_	_
→ Offset: Unsettled Trades	20.89	98.53	_	_
→ Federal National Mortgage Association 4%	10.29	108.82	-	-
☆ CashOffSet	10.18	119.00	_	_
⊕ Euro BUND Future Dec19	10.13	129.13	_	_
⊕ Trs R 2.17/912828k33 Myc	9.92	139.04	_	-
⊕ United States Treasury Bonds 2.38%	8.18	147.22	_	_
→ Federal National Mortgage Association 3.5%	7.94	155.16	_	-
⊕ Euro OAT Dec19	7.68	162.84	_	_
⊕ Irs Usd 1.75000 09/12/24-5y Cme	7.61	170.45	_	_
Irs Usd 2.40000 03/16/21-5y Cme	7.59	178.04	_	-
⊕ Irs Usd 1.75000 09/12/24-5y Cme	7.58	185.62	_	-
Irs Usd 2.25000 12/20/17-5y Cme	7.56	193.18	_	_

Total Holdings 890

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



PIMCO Income Instl PIMIX

Portfolio Manager(s)

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

Quantitative Screens

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

Management: The fund's management has been in place for 12.76 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 1.05 is 1.87% lower than the Multisector Bond category average.

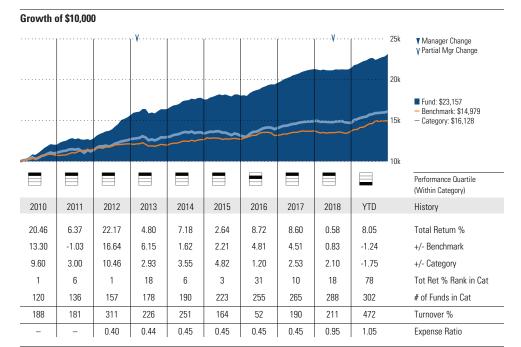
Morningstar Investment Management LLC Analysis

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

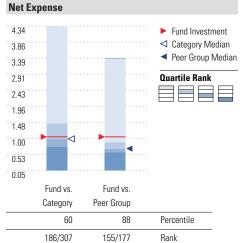
Morningstar Category Multisector Bond

Morningstar Index

BBgBarc US Universal TR USD







3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	4.70	_	2.79
Beta	0.20	_	0.45
R-Squared	7.80	_	24.51
Standard Deviation	1.92	2.66	2.78
Sharpe Ratio	1.97	0.97	1.17
Tracking Error	2.81	-	2.89
Information Ratio	0.49	-	0.16
Up Capture Ratio	80.94	-	83.38
Down Capture Ratio	-43.81	-	16.57

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	0.41	4.55	4.06
Avg Eff Maturity	2.12	7.69	6.86



PIMCO Income Insti PIMIX

Style Analysis as of 12-31-2019
Style Breakdown
Fixed Income

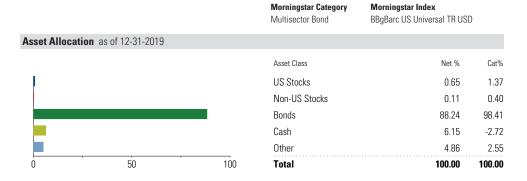
Quality

G

C

Ltd Mod Ext
Duration

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	56.00	67.64	24.83
AA	7.00	3.23	4.63
А	4.00	10.03	10.28
BBB	14.00	10.89	20.84
BB	6.00	3.19	16.67
В	7.00	3.64	12.28
Below B	6.00	1.38	4.98
Not Rated	0.00	0.00	5.50



		ъ .	0.				По				
	Fund	Bmark	Cat	Fund	, T	Benchmark	[] Categ	ory Average	9		
Government	23.47	-	23.70			:	:	:	U		
Treasury	3.51	_	10.13			į.					
Inflation - Protected	1.30	_	1.46								
Agency/Quasi Agency	0.20	_	0.85	1							
Other Government Related	18.46	_	11.26								
Corporate	8.54	-	30.65							[
Corporate Bond	5.63	_	26.06								
Bank Loan	1.31	_	2.60								
Convertible	1.59	_	1.57								
Preferred	0.01	_	0.42								
Securitized	28.58	-	32.24					:			
Agency MBS Pass-Through	13.12	_	10.84								
Agency MBS ARM	0.00	_	0.03	ĺ							
Agency MBS CMO	0.63	_	3.78								
Non-Agency Residential MBS	3.09	_	3.14		(
Commercial MBS	0.35	_	0.94								
Asset-Backed	11.38	_	13.49			;					
Covered Bond	0.01	_	0.02								
Municipal	0.06	-	0.86	[]							
Cash & Equivalents	26.46	_	11.89								
Other	11.03	-	0.24								
				0%	5	10	15	20	25	30	3!

Top 10 Holdings as of 12-31-2019				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
Irs Usd 3.00000 06/19/19-5y Cme	06-2024	14.19	14.19	_
Irs Jpy 0.45000 03/20/19-10y Lch	03-2029	14.02	28.21	-
⊕ Irs Jpy 0.45000 03/20/19-10y Lch	03-2029	13.38	41.59	_
⊕ Irs Usd 3.00000 06/19/19-5y Cme	06-2024	13.29	54.88	_
Irs Eur 0.00000 08/19/19-2y Lch	08-2021	12.32	67.20	_
⊕ Irs Eur 0.00000 08/19/19-2y Lch	08-2021	12.22	79.42	_
⊕ Fin Fut Us 5yr Cbt 12/31/19	01-2020	9.67	89.08	_
Cirs Usd 4y Mat 3.85/2.00% M 7/2020 Dub	07-2022	7.75	96.84	_
Cirs Usd 4y Mat 3.82/2.00% M 7/2020 Glm	07-2022	7.75	104.59	_
Cirs Usd 4y Mat 3.82/2.00% M 6/2020 Myc	06-2022	7.75	112.34	_

⊕ Increase ⊖ Decrease ※ New to Portfolio

Total Holdings 7556



Templeton Global Bond R6 FBNRX

Morningstar Category Nontraditional Bond Morningstar Index BBgBarc US Govt/Credit 5-10 Yr TR USD

Portfolio Manager(s)

Michael Hasenstab since 12-2001 Calvin Ho since 12-2018

Quantitative Screens

❷ Performance: The fund has finished in the
Nontraditional Bond 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 18.01 years.

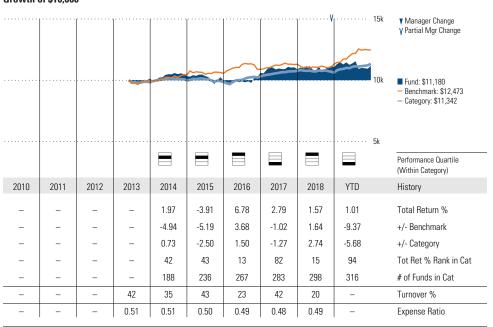
Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.49 is 59.84% lower than the Nontraditional Bond category average.

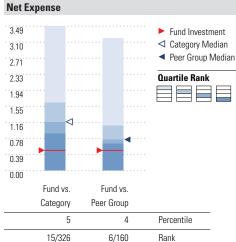
Morningstar Investment Management LLC Analysis

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

Growth of \$10,000







3-Year RISK Wetrics			
	Fund	Bmark	Cat
Alpha	6.18	-	3.45
Beta	-0.92	-	-0.04
R-Squared	25.49	-	12.41
Standard Deviation	6.28	3.45	2.97
Sharpe Ratio	0.04	0.84	0.72
Tracking Error	8.56	-	4.66
Information Ratio	-0.33	-	-0.30
Up Capture Ratio	-22.51	-	30.21
Down Capture Ratio	-135.64	_	-43.12

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	-1.39	6.37	1.01
Avg Eff Maturity	0.93	7.30	7.63



Mod Ext

Duration

Templeton Global Bond R6 FBNRX

Style Analysis as of 12-31-2019 Style Breakdown Fixed Income Quality High Mid Low

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	31.30	57.60	30.13
AA	5.38	6.60	7.10
A	23.10	17.44	12.65
BBB	25.38	18.36	18.92
BB	12.73	0.00	12.54
В	2.15	0.00	7.21
Below B	2.41	0.00	4.14
Not Rated	-2.44	0.00	7.30

Morningstar Index BBgBarc US Govt/Credit 5-10 Yr TR USD Asset Allocation as of 12-31-2019 Asset Class Cat% Net % US Stocks 0.09 -1.82 Non-US Stocks 0.00 0.15 Bonds 78.34 99.44 Cash 23.51 -1.14 Other -0.01 1.45 -50 50 100 Total 100.00 100.00

Morningstar Category Nontraditional Bond

	Fund	Bmark	Cat	Fund	▼ D.	enchmar	L I	Catego	n, A.	oroce		
				Fullu	, B6	encilliar -	K [catego	JIY AN	rerage	;	
Government	76.93	60.53	24.70	: :	: :	1 1	- :	1 1		- ;	,	
Treasury	75.12	56.08	15.37	,								
Inflation – Protected	0.13	0.00	2.46									
Agency/Quasi Agency	1.20	3.47	0.67	0								
Other Government Related	0.48	0.98	6.20	ı [
Corporate	0.06	38.38	17.09									
Corporate Bond	0.05	38.28	15.18	i				7				
Bank Loan	0.00	0.00	1.00	0								
Convertible	0.01	0.00	0.68	i i								
Preferred	0.00	0.10	0.23	Ĭ								
Securitized	0.00	0.32	32.64									
Agency MBS Pass-Through	0.00	0.15	10.27	7								
Agency MBS ARM	0.00	0.00	0.02	ľ								
Agency MBS CMO	0.00	0.00	4.09	7 [
Non-Agency Residential MBS	0.00	0.00	5.54	1								
Commercial MBS	0.00	0.00	2.13	-7n €								
Asset-Backed	0.00	0.17	10.56	7								
Covered Bond	0.00	0.00	0.03	ľ								
Municipal	0.00	0.23	0.61	Ó								
Cash & Equivalents	23.02	0.53	18.31									
Other	0.00	0.00	6.45	i : [

Top 0 Holdings as of 12-31-2019				
Name Ma	aturity Date	% Net Asset	Cumulative %	Fixed Income Sector

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

Total Holdings 0



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

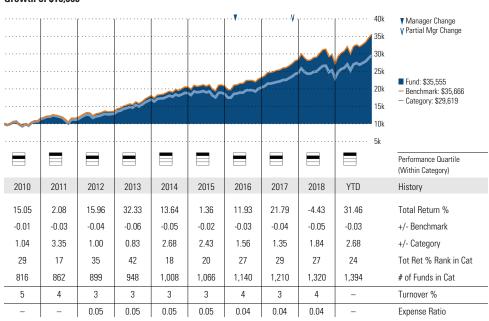
Quantitative Screens

- 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 has been in place for 3.68 years.
- Net Expense: The fund's expense ratio of 0.04 is 95.51% lower than the Large Blend category average.

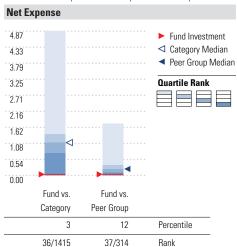
Morningstar Investment Management LLC Analysis

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







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.04	_	-1.42
Beta	1.00	_	0.95
R-Squared	100.00	_	94.36
Standard Deviation	12.10	12.10	11.87
Sharpe Ratio	1.10	1.10	0.96
Tracking Error	0.01	_	2.89
Information Ratio	-4.27	_	-1.41
Up Capture Ratio	99.87	_	90.48
Down Capture Ratio	100.05	_	97.68

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

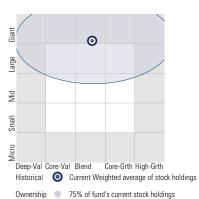
Asset Allocation as of 12-31-2019

Morningstar Category Morningstar Index Large Blend

S&P 500 TR USD

Style Analysis as of 12-31-2019

Morningstar Style Box™



Style Breakdown

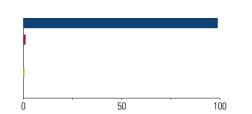
Equity

. ,			
29	34	Large	
4	4	2	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Total	100.00	100.00
Other	0.00	1.50
Cash	0.35	0.74
Bonds	0.00	0.33
Non-US Stocks	0.95	3.02
US Stocks	98.70	94.41
Asset Class	Net %	Cat%

	Fund	Bmark	Cat	Fund	▼ Ron	chmark	Categ	ιοη, Λνο	rano	
▶ Cyclical				Tullu	, per	CHIHAIK	ll cares	JULY AVE	raye	
	30.69	30.72	31.94		: :	:				
Basic Materials	2.30	2.30	2.67							
Consumer Cyclical	9.58	9.57	9.75			-				
Financial Services	15.89	15.92	16.56	_						
Real Estate	2.92	2.93	2.96							
Sensitive	44.08	44.06	43.04							
Communication Services	10.39	10.39	5.00							
Energy	4.35	4.35	4.12							
Industrials	9.55	9.54	11.72							
Technology	19.79	19.78	22.20							
▶ Defensive	25.24	25.23	25.02							
Consumer Defensive	7.54	7.54	8.04			-				
Healthcare	14.38	14.37	14.11							
Utilities	3.32	3.32	2.87							

Top 15 Holdings as of 12-31-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Apple Inc	4.55	4.55	88.09	Technology
⊕ Microsoft Corp	4.47	9.02	57.12	Technology
⊕ Amazon.com Inc	2.86	11.88	23.03	Consumer Cyclical
Facebook Inc A	1.83	13.71	56.57	Communication Svc
⇒ JPMorgan Chase & Co	1.61	15.32	46.18	Financial Services
⊕ Berkshire Hathaway Inc B	1.60	16.92	10.93	Financial Services
→ Alphabet Inc Class C	1.49	18.41	29.10	Communication Svc
	1.48	19.89	28.18	Communication Svc
⊕ Johnson & Johnson	1.43	21.32	15.94	Healthcare
⇒ Visa Inc Class A	1.19	22.51	43.21	Financial Services
⊕ Procter & Gamble Co	1.16	23.67	39.09	Consumer Defensive
⊕ Exxon Mobil Corp	1.10	24.76	7.36	Energy
⊕ AT&T Inc	1.06	25.82	44.08	Communication Svc
∃ Bank of America Corp	1.06	26.88	45.62	Financial Services
⊕ UnitedHealth Group Inc	1.03	27.92	19.67	Healthcare

Total Holdings 521

⊕ Increase ⊝ Decrease 🌣 New to Portfolio



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

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

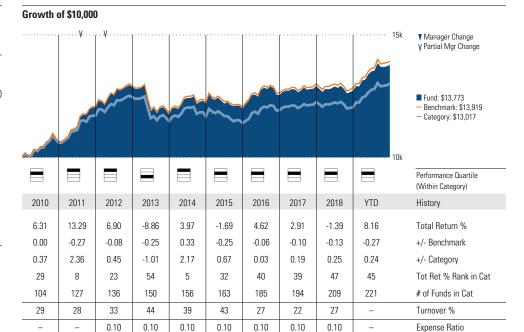
Management: The fund's management has been in place for 8.37 years.

Style Consistency is not calculated for Fixed Income funds.

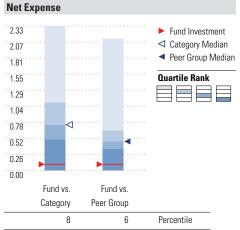
Net Expense: The fund's expense ratio of 0.1 is 85.71% lower than the Inflation-Protected Bond category average.

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.







	17/221	8/134	Rank	
Peer group	is a subset of	the category an	d includes fun	ds with the
same mar	agement style	(active vs. passi	ve) and simila	r share class
characteri	etice			

• . • • • • • • • • • • • • • • • • • •			
	Fund	Bmark	Cat
Alpha	-0.08	_	0.11
Beta	0.98	_	0.77
R-Squared	98.48	_	80.07
Standard Deviation	2.95	3.00	2.67
Sharpe Ratio	0.49	0.54	0.34
Tracking Error	0.37	_	1.39
Information Ratio	-0.43	_	-0.70
Up Capture Ratio	96.60	_	78.88
Down Capture Ratio	98.32	_	77.28

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	7.38	4.52	8.03
Avg Eff Maturity	8.30	_	8.71

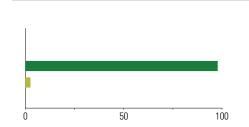


Vanguard Inflation-Protected Secs Adm VAIPX

Morningstar Category Inflation-Protected Bond Morningstar Index

BBgBarc US Treasury US TIPS TR USD





Asset Allocation as of 12-31-2019

2.34 0.00	0.90 0.28
	0.90
7.00	
7.66	98.81
0.00	0.01
0.00	0.00
Net %	Cat%
	0.00

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	100.00	0.00	88.04
AA	0.00	99.60	3.84
A	0.00	0.00	2.34
BBB	0.00	0.00	3.51
BB	0.00	0.00	0.61
В	0.00	0.00	0.19
Below B	0.00	0.00	0.15
Not Rated	0.00	0.40	1.32

Sector Weighting as of 12-			_		_		п.						
	Fund	Bmark	Cat	Fund	Bench	ımark	[] C	atego	ry Av	erage	Э		
Government	97.66	99.20	85.64										
Treasury	1.36	0.00	0.31	Ď									
nflation – Protected	96.30	99.20	80.65										
Agency/Quasi Agency	0.00	0.00	0.11	į									
Other Government Related	0.00	0.00	4.57	<u> </u>									
Corporate	0.00	0.00	2.43	[0]									
Corporate Bond	0.00	0.00	2.33	10									
Bank Loan	0.00	0.00	0.05	ĺ									
Convertible	0.00	0.00	0.05	Í									
Preferred	0.00	0.00	0.00										
Securitized	0.00	0.00	6.06										
Agency MBS Pass-Through	0.00	0.00	2.27										
Agency MBS ARM	0.00	0.00	0.00										
Agency MBS CMO	0.00	0.00	0.57	j									
Non-Agency Residential MBS	0.00	0.00	0.58										
Commercial MBS	0.00	0.00	0.28	j									
Asset-Backed	0.00	0.00	2.14	io i									
Covered Bond	0.00	0.00	0.22	İ									
Municipal	0.00	0.00	0.00	<u> </u>									
Cash & Equivalents	2.34	0.80	4.63	• [
Other	0.00	0.00	1.13	[

Fop 10 Holdings as of 12-31-2019				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
United States Treasury Notes 0.62%	04-2023	3.62	3.62	_
United States Treasury Notes 0.12%	04-2022	3.56	7.18	_
United States Treasury Notes 0.38%	07-2023	3.53	10.71	_
United States Treasury Notes 0.25%	01-2025	3.52	14.23	_
United States Treasury Notes 0.62%	01-2024	3.52	17.75	_
United States Treasury Notes 0.12%	01-2023	3.49	21.24	_
United States Treasury Notes 0.12%	07-2024	3.44	24.67	_
United States Treasury Notes 0.12%	01-2022	3.37	28.04	_
United States Treasury Notes 0.38%	07-2025	3.33	31.38	_
United States Treasury Notes 0.12%	07-2022	3.19	34.57	_

Total Holdings 47



Vanguard International Value Inv VTRIX

Morningstar Category Foreign Large Value

Morningstar Index MSCI EAFE NR USD

Portfolio Manager(s)

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

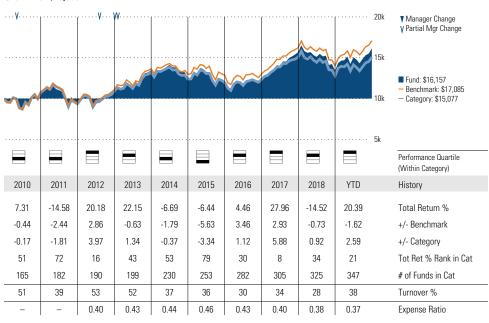
Quantitative Screens

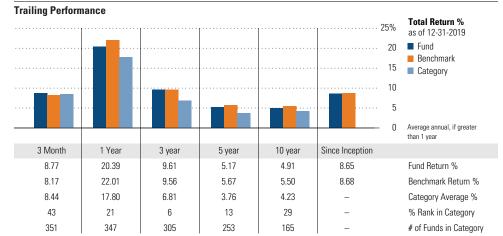
- ❷ Performance: The fund has finished in the Foreign Large
 Value category's top three quartiles in 9 of the 10 years it's
 been in existence.
- Management: The fund's management has been in place for 11.63 years.
- \times Style: The fund has landed in its primary style box Large Value 18.18 % of the time over the past three years.
- Q Net Expense: The fund's expense ratio of 0.37 is 65.09% lower than the Foreign Large Value category average.

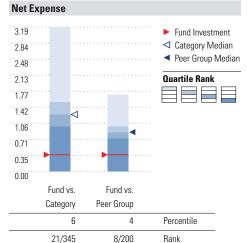
Morningstar Investment Management LLC Analysis

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







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	-0.27	-	-3.36
Beta	1.04	-	1.05
R-Squared	96.90	_	90.79
Standard Deviation	11.56	10.96	12.06
Sharpe Ratio	0.70	0.73	0.43
Tracking Error	2.08	_	3.70
Information Ratio	0.02	-	-0.91
Up Capture Ratio	102.89	_	94.15
Down Capture Ratio	104.70	-	115.74

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



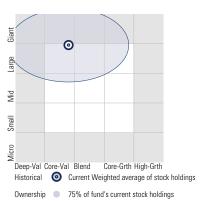
Vanguard International Value Inv VTRIX

Morningstar Category Foreign Large Value MSCI EAFE NR USD

Morningstar Index

Style Analysis as of 12-31-2019

Morningstar Style Box™



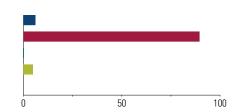
Style Breakdown

Equity

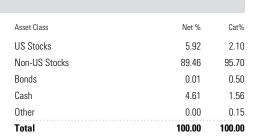
42	31	16	Laige
8	1	1	MIN
0	0	0	ollidii
Value	Blend	Growth	

Weight %

>50 25-50 10-25 0-10

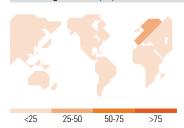


Asset Allocation as of 12-31-2019



		From al	Danada	0-4	E		D l		По-	A				
		Fund	Bmark	Cat	Fun	1	Bench	ımark	Categ	jory Ave	erage		,	
	Cyclical	33.27	39.28	44.01			,							
Å.	Basic Materials	3.72	7.04	8.65										
A	Consumer Cyclical	6.61	10.25	9.65										
,	Financial Services	22.17	18.52	23.73					•					
俞	Real Estate	0.77	3.47	1.98	•	1								
W	Sensitive	44.88	33.39	36.34										
	Communication Services	11.29	6.00	8.43										
•	Energy	6.93	5.13	8.56				1						
Ф	Industrials	10.82	14.95	13.58										
	Technology	15.84	7.31	5.77							_ :			
—	Defensive	21.85	27.33	19.65							1			
Ħ	Consumer Defensive	5.52	11.20	7.05] '							
٠	Healthcare	13.68	12.53	9.36				<u> </u>						
•	Utilities	2.65	3.60	3.24										
					0%	5	10	15	20	25	30	35	40	45

World Regions % Equity 12-31-2019



Greater Asia	Fund % 37.88	Cat % 32.44	
Japan	16.48	18.30	
Australasia	0.50	3.35	
Asia-4 Tigers	12.37	7.08	
Asia-ex 4 Tigers	8.53	3.71	
Not Classified	0.00	0.00	

Americas	Fund % 7.63	Cat % 6.65	Greater Europe	Fund % 54.50	Cat % 60.91	Market Maturity	Fund %
North America	6.32	5.91	United Kingdom	16.11	20.33	Developed Markets	89.21
Central/Latin	1.31	0.74	W euro-ex UK	37.45	39.59	Emerging Markets	10.79
			Emrgng Europe	0.41	0.57	Not Available	0.00
			Africa	0.53	0.42		

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Market Liquidity Inv	4.52	4.52	_	-
⊕ Sanofi SA	2.46	6.98	22.51	Healthcare
○ Novartis AG	2.27	9.26	24.65	Healthcare
Samsung Electronics Co Ltd	2.14	11.40	_	Technology
⊖ Royal Dutch Shell PLC Class A	1.86	13.26	3.21	Energy
⊕ Tesco PLC	1.69	14.95	37.80	Consumer Defensive
⊕ Hitachi Ltd	1.55	16.50	60.82	Industrials
⊕ Fresenius Medical Care AG & Co. KGaA	1.47	17.97	18.52	Healthcare
○ Vodafone Group PLC	1.41	19.38	0.91	Communication Svc
→ DBS Group Holdings Ltd	1.40	20.79	_	Financial Services

Total Holdings 153

Vanguard Real Estate Index Admiral VGSLX

Morningstar Category Real Estate Morningstar Index

S&P United States REIT TR USD

Portfolio Manager(s)

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

Quantitative Screens

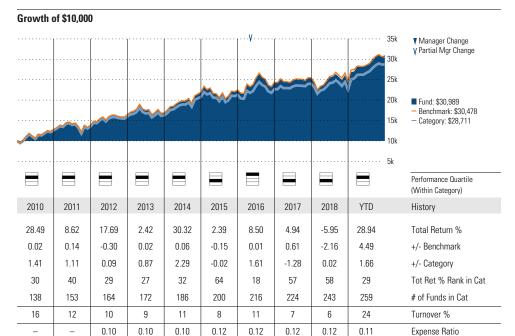
❷ Performance: The fund has finished in the Real Estate category's top three quartiles in 10 of the 10 years it's been in existence.

Management: The fund's management has been in place for 23.65 years.

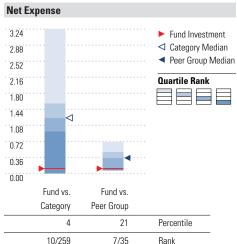
Net Expense: The fund's expense ratio of 0.11 is 90.35% lower than the Real Estate category average.

Morningstar Investment Management LLC Analysis

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







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.80	_	1.34
Beta	0.98	_	0.90
R-Squared	98.26	_	91.49
Standard Deviation	12.06	12.25	11.65
Sharpe Ratio	0.59	0.53	0.62
Tracking Error	1.62	_	3.36
Information Ratio	0.41	_	0.12
Up Capture Ratio	98.02	_	91.59
Down Capture Ratio	91.44	-	81.03

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

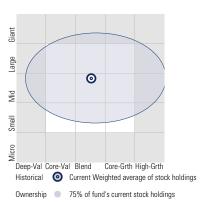


Vanguard Real Estate Index Admiral VGSLX

Morningstar Category Morningstar Index Real Estate S&P United States REIT TR USD

Style Analysis as of 12-31-2019

Morningstar Style Box™



Style Breakdown

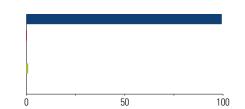
Equity

4	20	19	raige
9	31	4	MIN
5	5	2	JIIdii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 12-31-2019

Total	100.00	100.00
Other	0.00	3.47
Cash	0.71	2.25
Bonds	0.00	3.30
Non-US Stocks	0.06	0.72
US Stocks	99.23	90.28
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	•	Bei	nchmar	k [Cate	egory	/ Ανε	erage			
,	Cyclical	99.97	99.13	99.27												
1	Basic Materials	0.00	0.00	0.02	Ó											
	Consumer Cyclical	0.00	0.13	0.63	Ò											
j	Financial Services	0.01	0.00	0.12	Ď											
ì	Real Estate	99.96	99.00	98.50										•		L,
n	Sensitive	0.03	0.87	0.64	0											
	Communication Services	0.00	0.00	0.02	Ď											
	Energy	0.00	0.00	0.02	<u>ď</u>											
ŀ	Industrials	0.03	0.87	0.08	[
l	Technology	0.00	0.00	0.52	Ó											
-	Defensive	0.00	0.00	0.08	Ó											
	Consumer Defensive	0.00	0.00	0.00	İ											
	Healthcare	0.00	0.00	0.04												
1	Utilities	0.00	0.00	0.04	ľ											

Top 15 Holdings as of 12-31-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Real Estate II Index	11.03	11.03	_	_
⊕ American Tower Corp	7.07	18.11	47.67	Real Estate
⊖ Crown Castle International Corp	4.11	22.22	35.07	Real Estate
Prologis Inc	3.91	26.13	55.42	Real Estate
⊖ Equinix Inc	3.44	29.57	68.35	Real Estate
	3.19	32.76	-6.39	Real Estate
Public Storage	2.33	35.09	9.16	Real Estate
⇒ Welltower Inc	2.30	37.39	22.84	Real Estate
⊖ Equity Residential	2.09	39.48	26.03	Real Estate
AvalonBay Communities Inc	2.04	41.51	23.98	Real Estate
⇒ SBA Communications Corp	1.90	43.41	49.32	Real Estate
Digital Realty Trust Inc	1.69	45.10	16.43	Real Estate
⊕ Realty Income Corp	1.63	46.73	21.11	Real Estate
→ Weyerhaeuser Co	1.56	48.29	44.37	Real Estate
○ Ventas Inc	1.50	49.79	3.96	Real Estate

Total Holdings 187



Vanguard Selected Value Inv VASVX

Morningstar Category Mid-Cap Value

Morningstar Index

Russell Mid Cap Value TR USD

Portfolio Manager(s)

Richard Greenberg since 02-2005 Richard Pzena since 03-2014 John Flynn since 12-2015 Benjamin Silver since 02-2017 Jon Hartsel since 11-2019 William Weber since 12-2019 Mehul Trivedi since 12-2019

Quantitative Screens

✓ Performance: The fund has finished in the Mid-Cap Value category's top three quartiles in 7 of the 10 years it's been in existence.

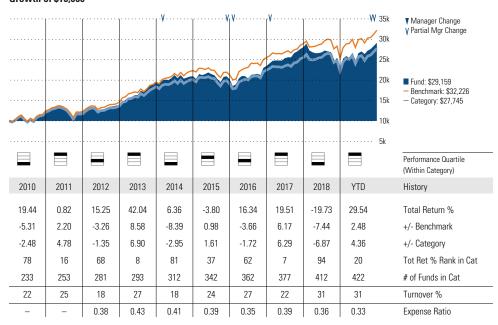
Management: The fund's management has been in place for 14.85 years.

Net Expense: The fund's expense ratio of 0.33 is 68.27% lower than the Mid-Cap Value category average.

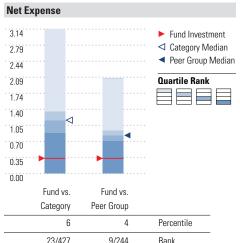
Morningstar Investment Management LLC Analysis

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 KISK Wietrics			
	Fund	Bmark	Cat
Alpha	-1.13	_	-1.09
Beta	1.09	-	1.06
R-Squared	93.64	-	94.06
Standard Deviation	14.66	12.97	14.24
Sharpe Ratio	0.45	0.53	0.46
Tracking Error	3.89	-	3.72
Information Ratio	-0.15	-	-0.14
Up Capture Ratio	97.33	-	101.58
Down Capture Ratio	100.07	-	108.01

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	14.66	18.90	17.75
Price/Book Ratio	1.54	1.81	1.74
Geom Avg Mkt Cap \$B	9.77	9.71	8.73
ROE	13.37	11.29	11.96



Vanguard Selected Value Inv VASVX

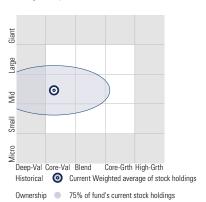
Morningstar Category Mid-Cap Value

Morningstar Index

Russell Mid Cap Value TR USD

Style Analysis as of 12-31-2019

Morningstar Style Box™



Style Breakdown

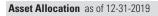
Equity

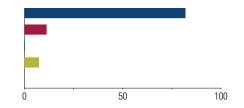
9	6	2	Falge
48	16	6	IVIIQ
11	2	1	ollidii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	0.19
Cash	7.15	2.60
Bonds	0.02	0.08
Non-US Stocks	11.10	4.75
US Stocks	81.73	92.39
Asset Class	Net %	Cat%

ctor Weighting as of 12-3	31-2013			
	Fund	Bmark	Cat	Fund • Benchmark [] Category Average
Cyclical	44.45	47.96	45.93	
Basic Materials	7.63	5.38	4.56	
Consumer Cyclical	9.83	9.94	11.45	
Financial Services	25.37	17.67	21.35	
Real Estate	1.62	14.97	8.57	
Sensitive	44.94	29.02	33.42	
Communication Services	3.03	3.93	3.23	
Energy	5.49	5.89	5.51	
Industrials	26.23	10.79	15.47	
Technology	10.19	8.41	9.21	
Defensive	10.62	23.02	20.66	
Consumer Defensive	2.56	5.16	5.79	
Healthcare	6.04	6.83	7.88	<u> </u>
Utilities	2.02	11.03	6.99	
	Basic Materials Consumer Cyclical Financial Services Real Estate Sensitive Communication Services Energy Industrials Technology Defensive Consumer Defensive Healthcare	Cyclical 44.45 Basic Materials 7.63 Consumer Cyclical 9.83 Financial Services 25.37 Real Estate 1.62 Sensitive 44.94 Communication Services 3.03 Energy 5.49 Industrials 26.23 Technology 10.19 Defensive 10.62 Consumer Defensive 2.56 Healthcare 6.04	Cyclical 44.45 47.96 Basic Materials 7.63 5.38 Consumer Cyclical 9.83 9.94 Financial Services 25.37 17.67 Real Estate 1.62 14.97 Sensitive 44.94 29.02 Communication Services 3.03 3.93 Energy 5.49 5.89 Industrials 26.23 10.79 Technology 10.19 8.41 Defensive 10.62 23.02 Consumer Defensive 2.56 5.16 Healthcare 6.04 6.83	Cyclical 44.45 47.96 45.93 Basic Materials 7.63 5.38 4.56 Consumer Cyclical 9.83 9.94 11.45 Financial Services 25.37 17.67 21.35 Real Estate 1.62 14.97 8.57 Sensitive 44.94 29.02 33.42 Communication Services 3.03 3.93 3.23 Energy 5.49 5.89 5.51 Industrials 26.23 10.79 15.47 Technology 10.19 8.41 9.21 Defensive 10.62 23.02 20.66 Consumer Defensive 2.56 5.16 5.79 Healthcare 6.04 6.83 7.88

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Market Liquidity Inv	7.07	7.07	_	_
⊕ AerCap Holdings NV	3.75	10.82	55.23	Industrials
⇒ Air France-KLM ADR	1.96	12.78	1.25	Industrials
JetBlue Airways Corp	1.94	14.73	16.56	Industrials
⊖ Gold Fields Ltd ADR	1.81	16.53	89.05	Basic Materials
Arrow Electronics Inc	1.65	18.18	22.90	Technology
⊖ Unum Group	1.53	19.71	2.96	Financial Services
⊕ Gildan Activewear Inc	1.52	21.23	-5.63	Consumer Cyclical
⊕ lamgold Corp	1.45	22.69	-3.19	Basic Materials
⊕ TCF Financial Corp	1.40	24.08	24.46	Financial Services
⊕ Lear Corp	1.33	25.42	14.11	Consumer Cyclical
National Oilwell Varco Inc	1.32	26.73	-1.75	Energy
⊕ Snap-on Inc	1.29	28.03	19.30	Industrials
€ Voya Financial Inc	1.22	29.25	52.72	Financial Services
⊕ American Eagle Outfitters Inc	1.21	30.46	-21.82	Consumer Cyclical

Total Holdings 128



Vanguard Target Retirement 2015 Inv VTXVX

Morningstar Category

Morningstar Index Morningstar Lifetime Mod 2015 TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

Management: The fund's management has been in place for 6.86 years.

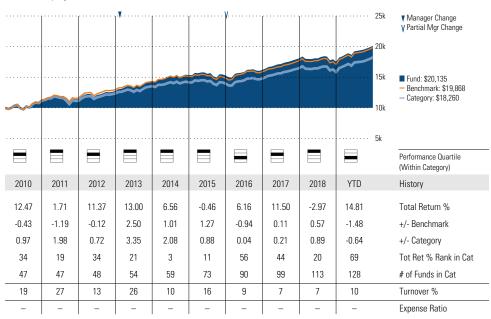
Style: The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.13 is 80.3% lower than the Target-Date 2015 category average.

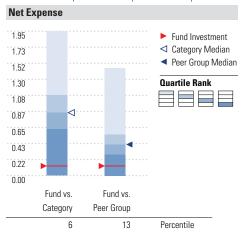
Morningstar Investment Management LLC Analysis

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

Target-Date 2015 Growth of \$10,000







	8/134	26/200	Rank
Peer group	is a subset of the	e category and in	ncludes funds with the
same mana	igement style (ac	tive vs. passive)	and similar share class
characteris	tice		

Rank

3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	0.58	_	-0.34
Beta	0.89	_	0.98
R-Squared	98.83	_	96.15
Standard Deviation	4.57	5.08	5.10
Sharpe Ratio	1.23	1.15	1.06
Tracking Error	0.73	_	1.09
Information Ratio	-0.29	_	-0.44
Up Capture Ratio	94.42	_	96.00
Down Capture Ratio	88.54	_	100.51

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.76	17.82	18.03
Price/Book Ratio	2.19	2.17	2.27
Avg Eff Duration	5.92	-	5.36



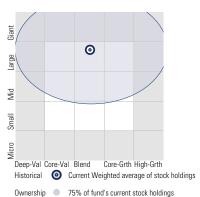
Vanguard Target Retirement 2015 Inv VTXVX

Quality High Mid

Morningstar Index Morningstar Lifetime Mod 2015 TR USD **Morningstar Category** Target-Date 2015

Style Analysis as of 12-31-2019

Morningstar Style Box™





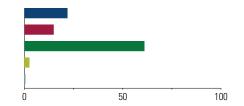
Equity				rixea	income	
26	28	22	Large			
6	6	6	Mid			
2	2	2	Small			
Value	Blend	Growth		Ltd	Mod	E

Duration

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 12-31-2019



Total	100.00	100.00
Other	0.26	19.75
Cash	2.34	5.31
Bonds	60.91	43.48
Non-US Stocks	14.74	11.17
US Stocks	21.75	20.29
Asset Class	Net %	Cat%

Sector Weighting as of 12	2-31-2019			
	Fund	Bmark	Cat	Fund Benchmark Category Average
ひ Cyclical	36.53	40.60	34.95	
Basic Materials	4.51	4.12	4.01	
Consumer Cyclical	10.28	9.28	9.62	
Financial Services	17.51	16.69	17.79	
Real Estate	4.23	10.51	3.53	<u> </u>
✓ Sensitive	40.26	36.28	40.13	
Communication Services	8.55	6.61	8.40	
Energy	4.89	4.87	5.58	<u> </u>
Industrials	11.65	11.36	10.67	
Technology	15.17	13.44	15.48	
→ Defensive	23.20	23.12	24.94	
Consumer Defensive	7.78	7.73	8.11	
Healthcare	12.20	11.68	13.27	
Utilities	3.22	3.71	3.56	
				0% 5 10 15 20 25 30 35 40

Top 6 Holdings as of 12-31-2019					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Bond Market II Idx Inv	_	34.51	34.51	_	_
⇒ Vanguard Total Stock Mkt Idx Inv	_	21.97	56.48	_	_
Ovanguard Total Intl Stock Index Inv	_	14.96	71.44	_	_
	_	14.79	86.22	_	_
⊕ Vanguard Shrt-Term Infl-Prot Sec ldx Inv	_	13.74	99.96	_	-
	_	0.04	100.00	_	_

Total Holdings 6



Vanguard Target Retirement 2020 Inv VTWNX

Morningstar Category Target-Date 2020

Morningstar Index Morningstar Lifetime Mod 2020 TR USD

of Funds in Cat

Turnover %

Expense Ratio

Portfolio Manager(s)

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

Quantitative Screens

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

Management: The fund's management has been in place for 6.86 years.

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

Net Expense: The fund's expense ratio of 0.13 is 82.67% lower than the Target-Date 2020 category average.

Morningstar Investment Management LLC Analysis

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

Growth of \$10,000 ▼ Manager Change V Partial Mgr Change Fund: \$21.657 Benchmark: \$20,990 Category: \$19,011 Performance Quartile (Within Category) 2010 2011 2012 2013 2014 2015 2016 2017 2018 YTD History 13.12 0.60 12.35 15.85 7.11 -0.68 6.95 14.08 -4.24 17.63 Total Return % -0.89 -1.15 -0.18 2.87 1.24 1.20 -0.71 1.29 -0.08 -0.10 +/- Benchmark 0.85 0.82 2.39 0.25 0.67 4.28 0.89 0.72 1.62 1.49 +/- Category 35 32 36 18 1 23 29 17 42 28 Tot Ret % Rank in Cat

175

15

199

9

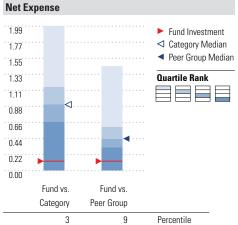
218

10

234

13





8/240 27/302 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

Fund	Bmark	Cat
-0.03	_	-0.43
1.05	_	0.93
98.26	-	93.75
6.01	5.70	5.43
1.14	1.14	1.00
0.83	_	1.47
0.43	_	-0.68
105.78	_	90.28
108.94	-	96.24
	-0.03 1.05 98.26 6.01 1.14 0.83 0.43	-0.03 — 1.05 — 98.26 — 6.01 5.70 1.14 1.14 0.83 — 0.43 —

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.76	17.75	17.87
Price/Book Ratio	2.19	2.15	2.22
Avg Eff Duration	6.21	-	5.77



93

14

98

23

111

8

123

17

134

7

157

25

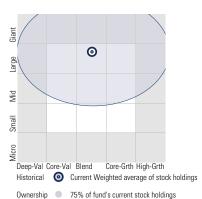
Vanguard Target Retirement 2020 Inv VTWNX

Morningstar Category Target-Date 2020

Morningstar Index Morningstar Lifetime Mod 2020 TR USD

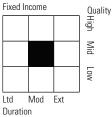
Style Analysis as of 12-31-2019

Morningstar Style Box™



Style Breakdown

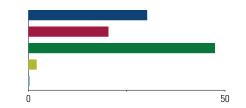
Equity				П
26	28	22	Large	
6	6	6	Mid	
2	2	2	Small	
Value	Blend	Growth		Ιt



Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.23	35.13
Cash	2.01	3.66
Bonds	47.34	37.92
Non-US Stocks	20.27	5.83
US Stocks	30.13	17.45
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fun	<u>.</u>	Bench	mark	Categ	gory Ave	rage			
Դ	Cyclical	36.49	40.55	35.33										
A.	Basic Materials	4.50	4.20	3.40										
A	Consumer Cyclical	10.27	9.37	10.34										
æ	Financial Services	17.50	16.81	17.23			- :	: '						
æ	Real Estate	4.22	10.17	4.36										
₩.	Sensitive	40.31	36.37	40.75										
	Communication Services	8.56	6.63	8.07		. '	0							
ð	Energy	4.90	4.91	4.67										
Ф	Industrials	11.66	11.43	10.86										
	Technology	15.19	13.40	17.15				<u> </u>						
→	Defensive	23.20	23.07	23.91						[]				
	Consumer Defensive	7.78	7.74	7.37			0							
+	Healthcare	12.22	11.62	13.31										
•	Utilities	3.20	3.71	3.23		(
					0%	5	10	15	20	25	30	35	40	45

Top 6 Holdings as of 12-31-2019					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Sunguard Total Stock Mkt ldx Inv	_	30.45	30.45	_	_
→ Vanguard Total Bond Market II Idx Inv	_	29.16	59.61	_	-
Ovanguard Total Intl Stock Index Inv	_	20.57	80.18	_	_
	_	12.37	92.55	_	_
⊕ Vanguard Shrt-Term Infl-Prot Sec ldx Inv	_	7.45	100.00	-	_
⊕ Cmt Market Liquidity Rate	_	0.00	100.00	_	_

Total Holdings 6

Vanguard Target Retirement 2025 Inv VTTVX

Morningstar Category Target-Date 2025 Morningstar Index Morningstar Lifetime Mod 2025 TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

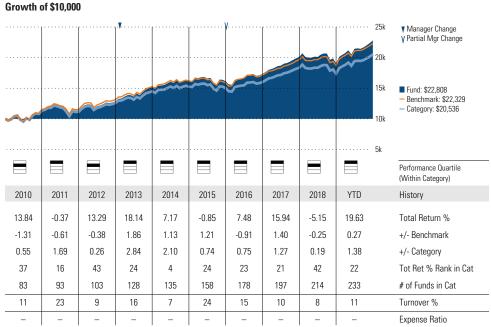
Management: The fund's management has been in place for 6.86 years.

Net Expense: The fund's expense ratio of 0.13 is 82.19% lower than the Target-Date 2025 category average.

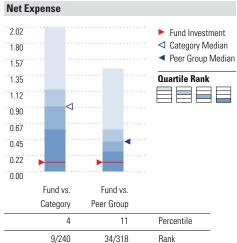
Morningstar Investment Management LLC Analysis

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

Target D







3-Year KISK Welfics			
	Fund	Bmark	Cat
Alpha	-0.21	_	-0.57
Beta	1.07	-	0.99
R-Squared	98.62	_	96.98
Standard Deviation	7.05	6.53	6.60
Sharpe Ratio	1.09	1.11	1.01
Tracking Error	0.95	-	1.30
Information Ratio	0.45	-	-0.51
Up Capture Ratio	107.88	-	97.10
Down Capture Ratio	113.71	-	104.59

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.78	17.67	17.99
Price/Book Ratio	2.19	2.12	2.26
Avg Eff Duration	6.85	-	5.86



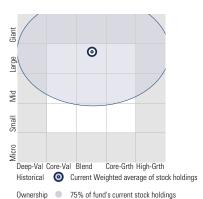
Vanguard Target Retirement 2025 Inv VTTVX

Quality High Mid

Morningstar Index Morningstar Lifetime Mod 2025 TR USD **Morningstar Category** Target-Date 2025

Style Analysis as of 12-31-2019

Morningstar Style Box™



Style Breakdown

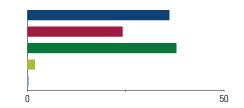
Weight %

Equity				rixea	income	
26	28	22	Large			
6	6	6	Mid			
2	2	2	Small			
Value	Blend	Growth		Ltd	Mod	Ext

Duration

>50 25-50 10-25 0-10

Asset Allocation as of 12-31-2019



Total	100.00	100.00
Other	0.23	53.20
Cash	1.79	1.95
Bonds	37.80	20.14
Non-US Stocks	24.14	7.34
US Stocks	36.03	17.36
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	•	Benchr	nark	Cate	jory Ave	erage	
Ն	Cyclical	36.48	40.48	35.27								
i.	Basic Materials	4.50	4.31	3.75		i i						
•	Consumer Cyclical	10.27	9.47	10.20								
₽	Financial Services	17.48	16.95	17.49								
ŧ	Real Estate	4.23	9.75	3.83			•					
M	Sensitive	40.30	36.49	40.96								
	Communication Services	8.55	6.67	8.91		. 1	= [
•	Energy	4.88	4.94	4.79		ĺ						
þ	Industrials	11.67	11.51	10.82								
]	Technology	15.20	13.37	16.44						_ :		
→	Defensive	23.22	23.04	23.77						i []		
=	Consumer Defensive	7.78	7.74	7.74]					
٠	Healthcare	12.22	11.59	12.78								
•	Utilities	3.22	3.71	3.25								

Top 5 Holdings as of 12-31-2019					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
○ Vanguard Total Stock Mkt Idx Inv	_	36.41	36.41	_	_
⊕ Vanguard Total Bond Market II ldx Inv	-	27.77	64.18	_	_
⊕ Vanguard Total Intl Stock Index Inv	_	24.51	88.68	_	_
⊕ Vanguard Total Intl Bd Idx Investor	_	11.32	100.00	_	_
	_	0.00	100.00	_	_

Total Holdings 5



Vanguard Target Retirement 2030 Inv VTHRX

Morningstar Category Target-Date 2030 Morningstar Index Morningstar Lifetime Mod 2030 TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

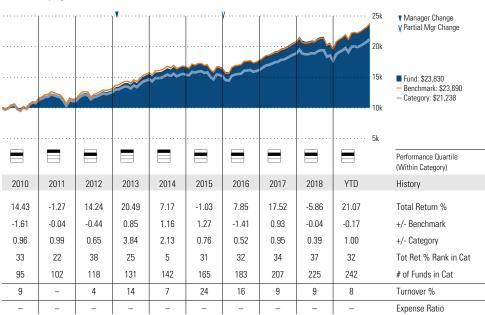
Management: The fund's management has been in place for 6.86 years.

Net Expense: The fund's expense ratio of 0.14 is
 81.82% lower than the Target-Date 2030 category average.

Morningstar Investment Management LLC Analysis

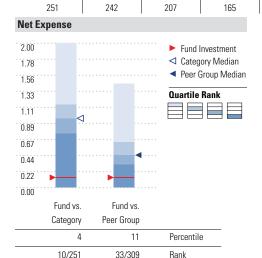
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

Growth of \$10,000



Trailing Performance Total Return % as of 12-31-2019 Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 5 year 10 year Since Inception 3 year Fund Return % 5.95 21.07 10.24 7.41 9.07 6.91 5.32 21.24 10.01 7.28 9.01 7.13 Benchmark Return % 8.12 5 49 20.07 9 43 6 75 Category Average % 35 32 22 24 15 % Rank in Category

95



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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.07	_	-0.60
Beta	1.03	_	0.99
R-Squared	99.11	_	96.39
Standard Deviation	7.93	7.66	7.72
Sharpe Ratio	1.05	1.06	0.96
Tracking Error	0.78	_	1.42
Information Ratio	0.29	_	-0.46
Up Capture Ratio	104.24	_	97.19
Down Capture Ratio	107.33	_	104.17

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.78	17.60	17.87
Price/Book Ratio	2.19	2.10	2.20
Avg Eff Duration	6.85	_	5.88



of Funds in Category

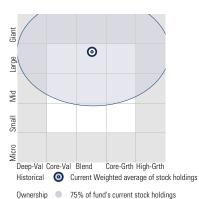
Vanguard Target Retirement 2030 Inv VTHRX

Morningstar Category Target-Date 2030

Morningstar Index Morningstar Lifetime Mod 2030 TR USD

Style Analysis as of 12-31-2019

Morningstar Style Box™





Equity

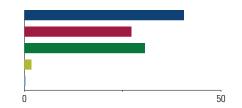
26	28	22	Large
6	6	6	Mid
2	2	2	Small

Value Blend Growth



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

Asset Allocation as of 12-31-2019



Total	100.00	100.00
Other	0.19	42.84
Cash	1.68	2.07
Bonds	30.56	16.47
Non-US Stocks	27.11	11.57
US Stocks	40.46	27.05
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fun	d '	 Bench 	mark	Cate	gory Ave	erage		
Ն Մ	Cyclical	36.49	40.33	35.23								- [
	Basic Materials	4.50	4.40	3.64									
4	Consumer Cyclical	10.27	9.58	10.37									
<u></u>	Financial Services	17.49	17.12	17.68					0				
b	Real Estate	4.23	9.23	3.54			*						
NF	Sensitive	40.30	36.64	40.73									
	Communication Services	8.55	6.69	8.93									
	Energy	4.88	4.98	4.52									
\$	Industrials	11.67	11.62	10.95									
3	Technology	15.20	13.35	16.33									
+	Defensive	23.22	23.03	24.04									
=	Consumer Defensive	7.79	7.77	7.79									
۲	Healthcare	12.22	11.54	12.90									
•	Utilities	3.21	3.72	3.35		ď							

Top 5 Holdings as of 12-31-2019					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
○ Vanguard Total Stock Mkt Idx Inv	_	40.89	40.89	_	_
─ Vanguard Total Intl Stock Index Inv	-	27.52	68.40	_	_
⊕ Vanguard Total Bond Market II ldx Inv	_	22.53	90.94	_	_
⊕ Vanguard Total Intl Bd Idx Investor	_	9.06	100.00	_	_
	_	0.00	100.00	_	_

Total Holdings 5



Vanguard Target Retirement 2035 Inv VTTHX

Morningstar Category Target-Date 2035 Morningstar Index Morningstar Lifetime Mod 2035 TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

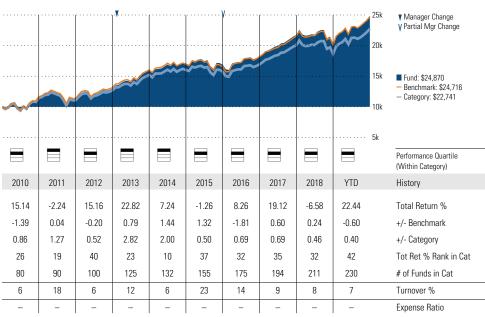
Management: The fund's management has been in place for 6.86 years.

Net Expense: The fund's expense ratio of 0.14 is 81.58% lower than the Target-Date 2035 category average.

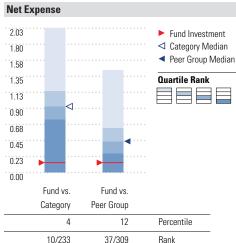
Morningstar Investment Management LLC Analysis

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

Growth of \$10,000







3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	0.20	_	-0.39
Beta	0.99	_	0.99
R-Squared	99.34	_	98.32
Standard Deviation	8.79	8.86	8.86
Sharpe Ratio	1.02	1.01	0.95
Tracking Error	0.72	_	1.27
Information Ratio	0.14	_	-0.41
Up Capture Ratio	100.77	_	97.98
Down Capture Ratio	100.57	_	101.65

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.77	17.52	18.00
Price/Book Ratio	2.19	2.08	2.24
Avg Eff Duration	6.84	_	5.90

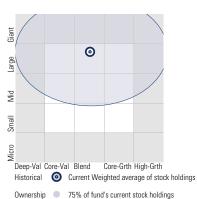


Vanguard Target Retirement 2035 Inv VTTHX

Morningstar Index Morningstar Lifetime Mod 2035 TR USD **Morningstar Category** Target-Date 2035

Style Analysis as of 12-31-2019

Morningstar Style Box™



Style Breakdown

Equity 28 26



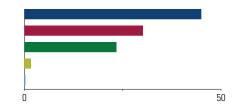
Value Blend Growth

Fixed Income Quality High MidLow Mod Ltd Duration

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.16	8.97
Cash	1.56	2.74
Bonds	23.31	18.38
Non-US Stocks	30.07	24.50
US Stocks	44.91	45.41
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	▼ Benchr	nark	Categ	orv Ave	rage		
J.	Cyclical	36.47	40.25	37.27							'	
4	Basic Materials	4.49	4.49	3.98								
A	Consumer Cyclical	10.27	9.67	10.22		 [
.	Financial Services	17.48	17.27	17.46		:						
t	Real Estate	4.23	8.82	5.61		0 '						
M	Sensitive	40.32	36.75	39.79								
₫	Communication Services	8.55	6.72	8.36								
ð	Energy	4.90	5.01	4.53		·						
Ф	Industrials	11.66	11.70	11.20		0						
	Technology	15.21	13.32	15.70		•			_			
→	Defensive	23.21	23.00	22.93					0			
	Consumer Defensive	7.78	7.78	7.34		= 0						
٠	Healthcare	12.22	11.50	12.32								
•	Utilities	3.21	3.72	3.27								

Top 5 Holdings as of 12-31-2019					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Stock Mkt Idx Inv	_	45.37	45.37	_	_
○ Vanguard Total Intl Stock Index Inv	-	30.52	75.90	_	-
① Vanguard Total Bond Market II Idx Inv	-	17.25	93.15	_	-
	-	6.85	100.00	_	_
	_	0.00	100.00	_	_

Total Holdings 5



Vanguard Target Retirement 2040 Inv VFORX

Morningstar Category Target-Date 2040 Morningstar Index Morningstar Lifetime Mod 2040 TR USD

Expense Ratio

Portfolio Manager(s)

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

Quantitative Screens

Performance: The fund has finished in the Target-Date 2040 category's top three quartiles in 10 of the 10 years it's been in existence.

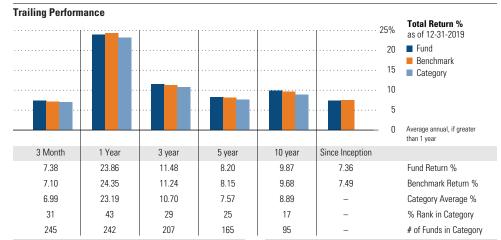
Management: The fund's management has been in place for 6.86 years.

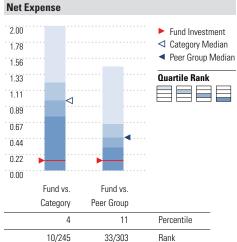
Net Expense: The fund's expense ratio of 0.14 is 82.28% lower than the Target-Date 2040 category average.

Morningstar Investment Management LLC Analysis

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







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.37	_	-0.20
Beta	0.99	_	0.96
R-Squared	99.38	_	96.84
Standard Deviation	9.69	9.80	9.53
Sharpe Ratio	1.00	0.96	0.92
Tracking Error	0.78	_	1.50
Information Ratio	0.32	_	-0.40
Up Capture Ratio	100.78	_	95.45
Down Capture Ratio	99.12	_	97.29

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.76	17.44	17.85
Price/Book Ratio	2.19	2.06	2.20
Avg Eff Duration	6.86	_	5.93



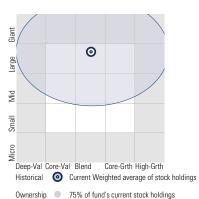
Vanguard Target Retirement 2040 Inv VFORX

Morningstar Category Target-Date 2040

Morningstar Index Morningstar Lifetime Mod 2040 TR USD

Style Analysis as of 12-31-2019

Morningstar Style Box™



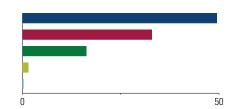
Style Breakdown

Equity				rixea in	icome		Qualit
26	28	22	Large				High
6	6	6	Mid				Mid
2	2	2	Small				Low
Value	Blend	Growth		Ltd Duratio	Mod n	Ext	•

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 12-31-2019



Total	100.00	100.00
Other	0.13	34.41
Cash	1.43	1.63
Bonds	16.21	5.97
Non-US Stocks	32.83	19.96
US Stocks	49.42	38.04
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-3	31-2019			
		Fund	Bmark	Cat	Fund Benchmark Category Average
<u></u>	Cyclical	36.46	40.29	36.34	
A.	Basic Materials	4.49	4.57	3.95	
Д	Consumer Cyclical	10.27	9.74	10.31	
æ	Financial Services	17.47	17.38	17.51	
fi	Real Estate	4.23	8.60	4.57	
W	Sensitive	40.33	36.80	40.45	
	Communication Services	8.56	6.73	8.74	
•	Energy	4.89	5.05	4.57	
Ф	Industrials	11.66	11.75	11.08	0'
	Technology	15.22	13.27	16.06	
→	Defensive	23.22	22.90	23.21	
Ħ	Consumer Defensive	7.78	7.77	7.55	
+	Healthcare	12.23	11.42	12.48	
•	Utilities	3.21	3.71	3.18	<u> </u>
					0% 5 10 15 20 25 30 35 40 45

Top 5 Holdings as of 12-31-2019					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
○ Vanguard Total Stock Mkt Idx Inv	_	49.94	49.94	_	_
⊕ Vanguard Total Intl Stock Index Inv	-	33.32	83.25	_	_
⊕ Vanguard Total Bond Market II ldx Inv	_	11.87	95.13	_	_
⊕ Vanguard Total Intl Bd Idx Investor	_	4.87	100.00	_	_
⊕ Cmt Market Liquidity Rate	_	0.00	100.00	_	_

Total Holdings 5



Vanguard Target Retirement 2045 Inv VTIVX

Morningstar Category Target-Date 2045 Morningstar Index Morningstar Lifetime Mod 2045 TR USD

Portfolio Manager(s)

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

Quantitative Screens

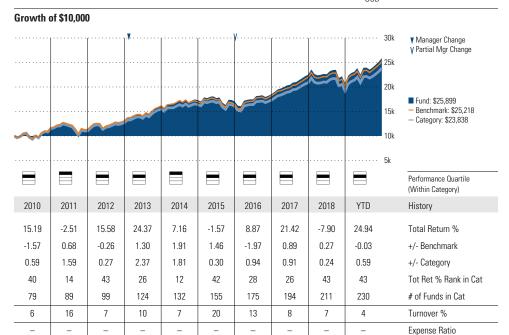
Performance: The fund has finished in the Target-Date 2045 category's top three quartiles in 10 of the 10 years it's been in existence.

Management: The fund's management has been in place for 6.86 years.

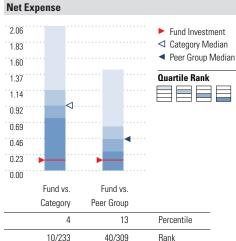
Net Expense: The fund's expense ratio of 0.15 is 80.52% lower than the Target-Date 2045 category average.

Morningstar Investment Management LLC Analysis

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







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.33	_	-0.12
Beta	1.00	_	0.98
R-Squared	99.43	_	98.54
Standard Deviation	10.32	10.28	10.17
Sharpe Ratio	0.97	0.94	0.92
Tracking Error	0.78	_	1.28
Information Ratio	0.48	_	-0.30
Up Capture Ratio	101.94	_	97.85
Down Capture Ratio	100.47	_	98.82

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.76	17.36	18.17
Price/Book Ratio	2.19	2.04	2.23
Avg Eff Duration	6.86	_	5.97



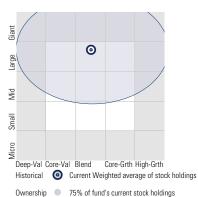
Vanguard Target Retirement 2045 Inv VTIVX

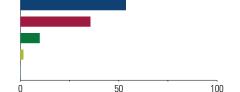
Morningstar Category
Target-Date 2045

Morningstar Index Morningstar Lifetime Mod 2045 TR USD

Style Analysis as of 12-31-2019

Morningstar Style Box™





Asset Allocation as of 12-31-2019

Asset Class Net % Cat% US Stocks 53.47 45.48 Non-US Stocks 35.46 25.35 Bonds 9.66 2.90 Cash 1.32 1.51 Other 0.09 24.76 100.00 Total 100.00

Style Breakdown Equity Fixed Income								Quality
	26	28	22	Large				High
	6	6	6	Mid				Mid
	2	2	2	Small				Low
	Value	Blend	Growth		Ltd Duratio	Mod n	Ext	•

		Fund	Bmark	Cat	Fund	,	Benchi	mark	Categ	ory Ave	erage			
ŀ	Cyclical	36.45	40.59	36.81									- 1	
ů.	Basic Materials	4.48	4.56	3.85		0								
4	Consumer Cyclical	10.26	9.81	10.14										
•	Financial Services	17.48	17.53	17.46			1							
ŧ	Real Estate	4.23	8.69	5.36			•							
M	Sensitive	40.31	36.45	39.98								- 1		
d	Communication Services	8.56	6.75	8.67		, ,								
	Energy	4.88	4.87	4.50										
Ф	Industrials	11.65	11.94	10.84										
3	Technology	15.22	12.89	15.97										
→	Defensive	23.23	22.96	23.20						İ				
	Consumer Defensive	7.78	7.95	7.35)							
٠	Healthcare	12.24	11.16	12.49										
•	Utilities	3.21	3.85	3.36										

Top 5 Holdings as of 12-31-2019					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Stock Mkt Idx Inv	_	54.03	54.03	_	_
① Vanguard Total Intl Stock Index Inv	-	35.99	90.02	_	-
① Vanguard Total Bond Market II Idx Inv	-	7.05	97.08	_	-
① Vanguard Total Intl Bd Idx Investor	-	2.92	100.00	_	-
	_	0.00	100.00	_	-

Total Holdings 5

Weight %

>50 25-50 10-25 0-10



Vanguard Target Retirement 2050 Inv VFIFX

Morningstar Category Target-Date 2050 Morningstar Index Morningstar Lifetime Mod 2050 TR USD

Portfolio Manager(s)

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

Quantitative Screens

Performance: The fund has finished in the Target-Date 2050 category's top three quartiles in 10 of the 10 years it's been in existence.

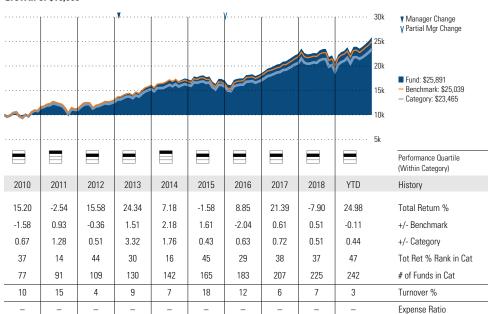
Management: The fund's management has been in place for 6.86 years.

Net Expense: The fund's expense ratio of 0.15 is
 81.25% lower than the Target-Date 2050 category average.

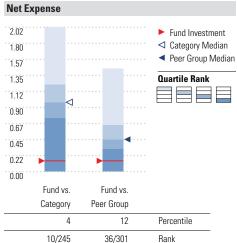
Morningstar Investment Management LLC Analysis

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

Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.44	_	-0.09
Beta	0.99	_	0.97
R-Squared	99.38	_	96.89
Standard Deviation	10.34	10.42	10.26
Sharpe Ratio	0.97	0.93	0.90
Tracking Error	0.82	_	1.51
Information Ratio	0.45	_	-0.25
Up Capture Ratio	101.20	_	96.94
Down Capture Ratio	98.99	-	97.82

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.76	17.28	18.03
Price/Book Ratio	2.19	2.02	2.21
Avg Eff Duration	6.86	_	5.96



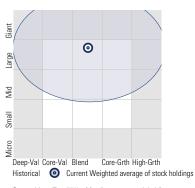
Vanguard Target Retirement 2050 Inv VFIFX

Morningstar Category Target-Date 2050

Morningstar Index Morningstar Lifetime Mod 2050 TR USD

Style Analysis as of 12-31-2019

Morningstar Style Box™



Ownership 75% of fund's current stock holdings

Style Breakdown

Weight %

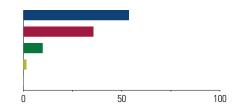
Equity				rixeu ii	icome	
26	28	22	Large			
6	6	6	Mid			
2	2	2	Small			
Value	Blend	Growth		Ltd Duratio	Mod	Ex

Eivad Incomo

Quality High Mid

>50 25-50 10-25 0-10

Asset Allocation as of 12-31-2019



Total	100.00	100.00
Other	0.09	22.94
Cash	1.32	1.45
Bonds	9.65	2.00
Non-US Stocks	35.46	27.09
US Stocks	53.47	46.52
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund ▼ Benchmark
٠	Cyclical	36.45	40.70	37.03	
à.	Basic Materials	4.48	4.69	4.01	<u> </u>
	Consumer Cyclical	10.26	9.84	10.18	
<u></u>	Financial Services	17.48	17.51	17.39	
à	Real Estate	4.23	8.66	5.45	
ŲT.	Sensitive	40.31	36.66	39.88	
	Communication Services	8.56	6.72	8.57	
	Energy	4.88	5.07	4.55	
}	Industrials	11.65	11.77	11.07	O [*]
1	Technology	15.22	13.10	15.69	
+	Defensive	23.23	22.62	23.08	
Ţ	Consumer Defensive	7.78	7.73	7.32	
r	Healthcare	12.24	11.20	12.34	
1	Utilities	3.21	3.69	3.42	

Top 5 Holdings as of 12-31-2019								
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector			
◆ Vanguard Total Stock Mkt Idx Inv	_	54.03	54.03	_	_			
⊕ Vanguard Total Intl Stock Index Inv	-	35.99	90.02	_	_			
Vanguard Total Bond Market II ldx Inv	_	7.03	97.06	_	_			
⊕ Vanguard Total Intl Bd Idx Investor	_	2.94	100.00	_	_			
	_	0.00	100.00	_	_			

Total Holdings 5



Vanguard Target Retirement 2055 Inv VFFVX

Morningstar Category

Morningstar Index Morningstar Lifetime Mod 2055 TR USD

Portfolio Manager(s)

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

Quantitative Screens

Q Performance: The fund has finished in the Target-Date
 2055 category's top three quartiles in 9 of the 9 years it's been in existence.

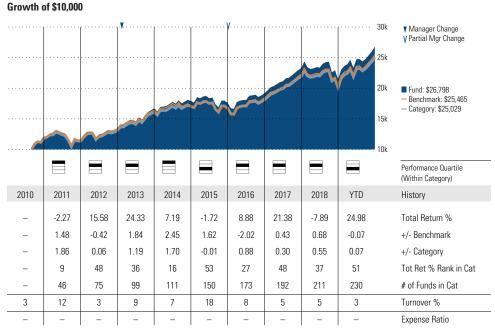
Management: The fund's management has been in place for 6.86 years.

Net Expense: The fund's expense ratio of 0.15 is 80.52% lower than the Target-Date 2055 category average.

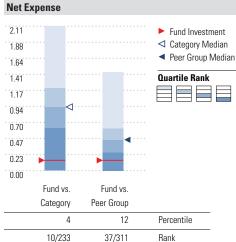
Morningstar Investment Management LLC Analysis

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

Target-Date 2055







3- Teal hisk Wellics			
	Fund	Bmark	Cat
Alpha	0.52	_	-0.04
Beta	0.98	_	0.99
R-Squared	99.38	_	98.53
Standard Deviation	10.32	10.45	10.46
Sharpe Ratio	0.97	0.92	0.91
Tracking Error	0.83	_	1.30
Information Ratio	0.46	_	-0.14
Up Capture Ratio	100.87	_	99.24
Down Capture Ratio	98.12	_	99.74

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.75	17.19	17.92
Price/Book Ratio	2.19	2.00	2.19
Avg Eff Duration	6.86	_	5.95



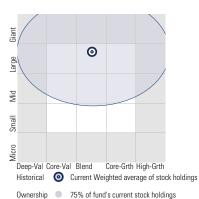
Vanguard Target Retirement 2055 Inv VFFVX

Morningstar Category Target-Date 2055

Morningstar Index Morningstar Lifetime Mod 2055 TR USD

Style Analysis as of 12-31-2019

Morningstar Style Box™



Asset Allocation as of 12-31-2019

50

Total	100.00	100.00
Other	0.09	14.08
Cash	1.33	2.09
Bonds	9.63	3.70
Non-US Stocks	35.46	29.63
US Stocks	53.49	50.49
Asset Class	Net %	Cat%

Style Breakdown

Equity					Fixed In	icome		Qı
-	26	28	22	Large				ĕ High
	6	6	6	Mid				Mid
	2	2	2	Small				Low
Val	lue	Blend	Growth		Ltd Duratio	Mod	Ext	

ncome		Quality
		High
		Mid
		Low
Mod	Ext	J

Weight %

>50 25-50 10-25 0-10

	5 5			0 .	5 1 D 1 1 D 1 1
		Fund	Bmark	Cat	Fund Benchmark Category Average
Ն	Cyclical	36.45	40.98	36.52	
ů.	Basic Materials	4.48	4.75	4.04	
A	Consumer Cyclical	10.26	9.87	10.05	
ê	Financial Services	17.48	17.57	17.17	
t	Real Estate	4.23	8.79	5.26	
M	Sensitive	40.31	36.57	40.28	
┫	Communication Services	8.56	6.72	8.59	
0	Energy	4.88	5.07	4.92	
Ċ.	Industrials	11.65	11.77	10.83	
	Technology	15.22	13.01	15.94	
→	Defensive	23.23	22.43	23.20	
=	Consumer Defensive	7.78	7.69	7.15	
٠	Healthcare	12.24	11.08	12.84	
?	Utilities	3.21	3.66	3.21	

100

Top 5 Holdings as of 12-31-2019					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	_	54.05	54.05	_	_
	-	35.99	90.04	_	-
	-	7.02	97.06	_	_
	_	2.93	99.99	_	_
Cmt Market Liquidity Rate	_	0.01	100.00	_	_

Total Holdings 5



Vanguard Target Retirement 2060 Inv VTTSX

Morningstar Category Target-Date 2060+

Morningstar Index Morningstar Lifetime Mod 2060 TR USD

Portfolio Manager(s)

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

Quantitative Screens

Performance: The fund has finished in the Target-Date 2060+ category's top three quartiles in 7 of the 7 years it's been in existence.

Management: The fund's management has been in place for 6.86 years.

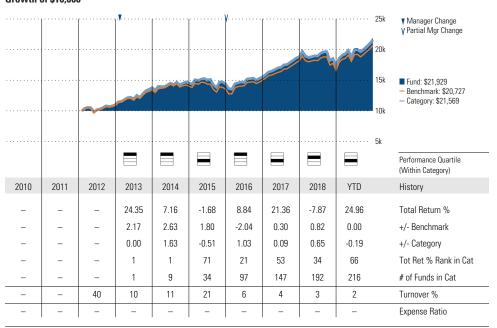
Style: The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

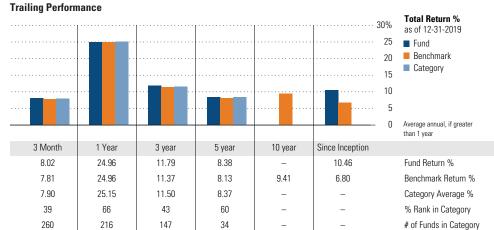
Net Expense: The fund's expense ratio of 0.15 is 80.77% lower than the Target-Date 2060+ category average.

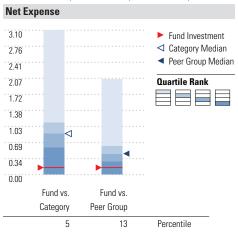
Morningstar Investment Management LLC Analysis

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

Growth of \$10,000







44/342 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 hisk ivietrics			
	Fund	Bmark	Cat
Alpha	0.55	_	0.08
Beta	0.98	_	1.00
R-Squared	99.32	_	98.42
Standard Deviation	10.33	10.45	10.53
Sharpe Ratio	0.97	0.92	0.92
Tracking Error	0.87	_	1.36
Information Ratio	0.49	_	0.01
Up Capture Ratio	101.05	_	100.30
Down Capture Ratio	98.09	_	99.99

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.75	17.12	_
Price/Book Ratio	2.18	1.99	_
Avg Eff Duration	6.85	-	5.81



13/276

Vanguard Target Retirement 2060 Inv VTTSX

Quality High MidLow

Morningstar Index Morningstar Lifetime Mod 2060 TR USD **Morningstar Category** Target-Date 2060+

Style Analysis as of 12-31-2019

Morningstar Style Box™



Style Breakdown

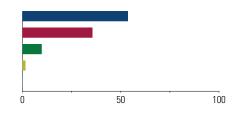
Equity				Fixed	Income
26	28	22	Large		
6	6	6	Mid		
2	2	2	Small		
Value	Blend	Growth		Ltd	Mod

Duration

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 12-31-2019



Total	100.00	100.00
Other	0.09	17.81
Cash	1.36	1.90
Bonds	9.65	4.64
Non-US Stocks	35.44	29.14
US Stocks	53.45	46.50
Asset Class	Net %	Cat%

	ctor Weighting as of 12-3				_				По					
		Fund	Bmark	Cat	Fun	d '	Bench	mark	Cateo	gory Ave	erage		,	
ŀ	Cyclical	36.46	41.25	36.27										
A.	Basic Materials	4.48	4.81	4.25			<u>:</u>							
A	Consumer Cyclical	10.27	9.90	10.17					_ :					
,	Financial Services	17.48	17.60	17.12					ľ					
æ	Real Estate	4.23	8.94	4.73			•							
₩.	Sensitive	40.32	36.48	40.51										
	Communication Services	8.56	6.72	8.64										
0	Energy	4.88	5.09	4.96										
Ф	Industrials	11.65	11.76	11.23										
	Technology	15.23	12.91	15.68						_ :				
→	Defensive	23.21	22.26	23.20										
	Consumer Defensive	7.78	7.66	7.49			0							
٠	Healthcare	12.23	10.95	12.55]						
•	Utilities	3.20	3.65	3.16		0								
					0%	5	10	15	20	25	30	35	40	4

Top 5 Holdings as of 12-31-2019					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Ð Vanguard Total Stock Mkt Idx Inv	_	54.01	54.01	_	_
	-	35.97	89.99	_	_
	_	7.07	97.05	_	_
	_	2.90	99.96	_	_
Cmt Market Liquidity Rate	_	0.04	100.00	_	_

Total Holdings 5



Vanguard Target Retirement 2065 Inv VLXVX

Morningstar Category Target-Date 2060+ Morningstar Index Morningstar Lifetime Mod 2060 TR USD

Portfolio Manager(s)

Walter Nejman since 07-2017 William Coleman since 07-2017

Quantitative Screens

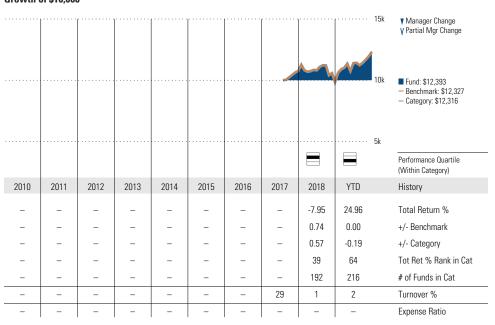
The Performance screen is not applicable for funds with less than three years of data.

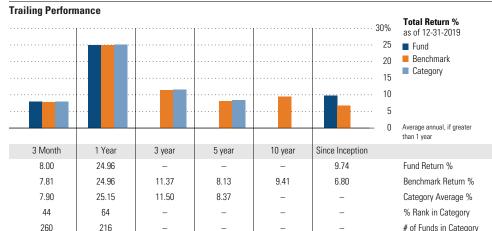
- × *Management:* The fund's management team has been in place for less than three years.
- Net Expense: The fund's expense ratio of 0.15 is 80.77% lower than the Target-Date 2060+ category average.

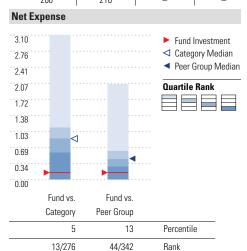
Morningstar Investment Management LLC Analysis

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

Growth of \$10,000







3-Year RISK Wietrics			
	Fund	Bmark	Cat
Alpha	_	_	0.08
Beta	_	_	1.00
R-Squared	_	_	98.42
Standard Deviation	_	10.45	10.53
Sharpe Ratio	_	0.92	0.92
Tracking Error	_	_	1.36
Information Ratio	_	_	0.01
Up Capture Ratio	_	_	100.30
Down Capture Ratio	_	_	99.99

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	-	17.12	-
Price/Book Ratio	-	1.99	-
Avg Eff Duration	6.87	-	5.81



Vanguard Target Retirement 2065 Inv VLXVX

Quality High Mid

Morningstar Category Target-Date 2060+

Morningstar Index Morningstar Lifetime Mod 2060 TR USD

Style Analysis as of 12-31-2019

Morningstar Style Box™



Style Breakdown

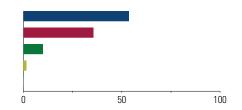
Equity				rixea ii	icome	
26	28	22	Large			
6	6	6	Mid			
2	2	2	Small			
Value	Blend	Growth		Ltd	Mod	Ext

Duration

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 12-31-2019



Total	100.00	100.00
Other	0.09	17.81
Cash	1.33	1.90
Bonds	9.70	4.64
Non-US Stocks	35.43	29.14
US Stocks	53.45	46.50
Asset Class	Net %	Cat%

					- ·
		Fund	Bmark	Cat	Fund Benchmark Category Average
ŀ	Cyclical	36.46	41.25	36.27	
A.	Basic Materials	4.48	4.81	4.25	
A	Consumer Cyclical	10.27	9.90	10.17	
,	Financial Services	17.48	17.60	17.12	of the second se
fi	Real Estate	4.23	8.94	4.73	
W	Sensitive	40.32	36.48	40.51	
	Communication Services	8.55	6.72	8.64	
ð	Energy	4.89	5.09	4.96	
Ф	Industrials	11.66	11.76	11.23	
	Technology	15.22	12.91	15.68	
→	Defensive	23.22	22.26	23.20	
Ħ	Consumer Defensive	7.79	7.66	7.49	
+	Healthcare	12.23	10.95	12.55	
0	Utilities	3.20	3.65	3.16	

Top 5 Holdings as of 12-31-2019					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
◆ Vanguard Total Stock Mkt Idx Inv	_	54.01	54.01	_	_
⊕ Vanguard Total Intl Stock Index Inv	-	35.96	89.97	_	_
Vanguard Total Bond Market II Idx Inv	_	7.01	96.99	_	_
⊕ Vanguard Total Intl Bd Idx Investor	_	3.00	99.99	_	_
	_	0.01	100.00	_	_

Total Holdings 5



Vanguard Target Retirement Income Inv VTINX

Morningstar Category
Target-Date Retirement

Morningstar Index Morningstar Lifetime Mod Incm TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

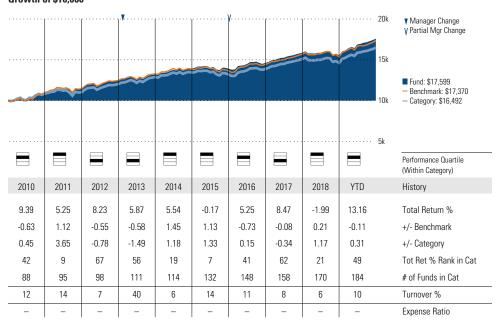
Management: The fund's management has been in place for 6.86 years.

Q Net Expense: The fund's expense ratio of 0.12 is 84.21% lower than the Target-Date Retirement category average.

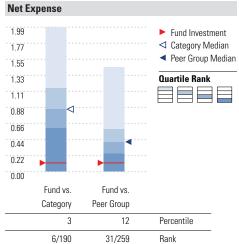
Morningstar Investment Management LLC Analysis

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	0.97	_	-0.14
Beta	0.84	_	0.93
R-Squared	94.90	_	89.51
Standard Deviation	3.55	4.09	4.02
Sharpe Ratio	1.27	1.10	0.99
Tracking Error	1.02	_	1.43
Information Ratio	0.02	_	-0.34
Up Capture Ratio	91.25	_	89.67
Down Capture Ratio	71.78	_	86.61

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.76	18.03	17.72
Price/Book Ratio	2.19	2.24	2.19
Avg Eff Duration	5.81	_	5.84



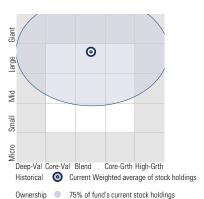
Vanguard Target Retirement Income Inv VTINX

Quality High MidLow

Morningstar Category Target-Date Retirement **Morningstar Index** Morningstar Lifetime Mod Incm TR USD

Style Analysis as of 12-31-2019

Morningstar Style Box™



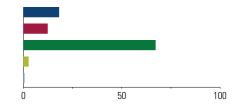
Style Breakdown

Equity		Fixed I	ncome			
26	28	22	Large			
6	6	6	Mid			
2	2	2	Small			
Value	Blend	Growth		Ltd	Mod	Ext

Duration

Value Blend Growth

Weight % >50 25-50 10-25 0-10 Asset Allocation as of 12-31-2019



Asset Class Net % Cat% US Stocks 17.99 12.17 Non-US Stocks 12.18 5.37 Bonds 67.09 41.41 Cash 2.46 4.97 Other 0.28 36.08 100.00 Total 100.00

Sec	ctor Weighting as of 12-3	31-2019	40.38 37.35 3.95 3.73 9.13 9.87 16.49 17.15						
		Fund	Bmark	Cat	Fund Fenchmark Category Average				
Դ	Cyclical	36.51	40.38	37.35					
A.	Basic Materials	4.52	3.95	3.73					
A	Consumer Cyclical	10.28	9.13	9.87					
æ	Financial Services	17.49	16.49	17.15					
侖	Real Estate	4.22	10.81	6.60					
W	Sensitive	40.27	36.29	39.53					
d	Communication Services	8.55	6.63	8.38					
•	Energy	4.89	4.83	5.05					
Ф	Industrials	11.67	11.22	10.61					
	Technology	15.16	13.61	15.49					
→	Defensive	23.21	23.33	23.12					
Ħ	Consumer Defensive	7.78	7.75	7.46					
+	Healthcare	12.20	11.84	12.39					
•	Utilities	3.23	3.74	3.27					
					0% 5 10 15 20 25 30 35 40				

Top 6 Holdings as of 12-31-2019										
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector					
⊕ Vanguard Total Bond Market II ldx Inv	_	37.15	37.15	_	_					
─ Vanguard Total Stock Mkt Idx Inv	-	18.17	55.32	_	_					
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Inv	-	16.70	72.02	_	_					
⊕ Vanguard Total Intl Bd Idx Investor	_	15.59	87.61	_	_					
○ Vanguard Total Intl Stock Index Inv	-	12.36	99.97	-	-					
	_	0.03	100.00	_	_					

Total Holdings 6

