DFA Two-Year Global Fixed-Income I DFGFX

Morningstar Category
World Bond-USD Hedged

Morningstar Index BBgBarc US Agg Bond TR USD

Expense Ratio

Portfolio Manager(s)

David Plecha since 02-1996 Joseph Kolerich since 02-2012 Pamela Noble since 02-2018

Quantitative Screens

× Performance: The fund has finished in the World Bond-USD Hedged category's top three quartiles in 3 of the 10 years it's been in existence.

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

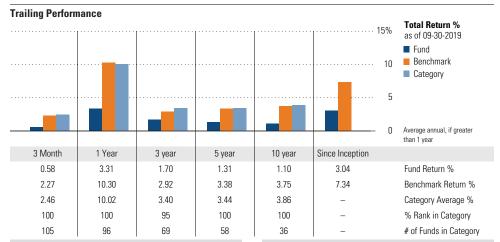
Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.17 is
 78.48% lower than the World Bond-USD Hedged category average.

Morningstar Investment Management LLC Analysis

DFA Two-Year Global Fixed Income was placed on watch in Q4 2017 due to poor performance. Its mandate, which keeps the fund's average duration at two years or less and limits managers from buying credit rated below AA, has stymied performance in the current market environment. While its shorter duration makes it less sensitive to interest rate movements than most peers, it can limit the fund's return potential. Additionally, its peers can take on more credit risk, for which they have been rewarded in recent years. Ultimately, we believe its inability to maneuver in various credit markets makes it an inadequate world bond selection for retirement plans. Therefore, the fund is being removed from fiduciary coverage.

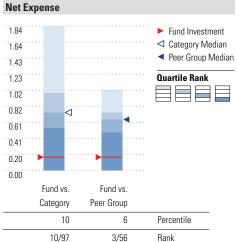




0.17

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3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.31	_	1.46
Beta	0.13	_	0.68
R-Squared	62.68	_	66.43
Standard Deviation	0.55	3.35	2.80
Sharpe Ratio	0.19	0.41	0.68
Tracking Error	2.93	_	2.04
Information Ratio	-0.42	_	0.28
Up Capture Ratio	26.96	_	85.26
Down Capture Ratio	-3.54	_	53.20

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	0.69	4.43	-
Avg Eff Maturity	0.70	_	_





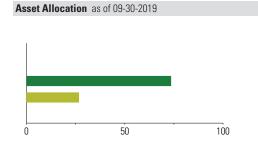
Removed

DFA Two-Year Global Fixed-Income I DFGFX

Morningstar Category World Bond-USD Hedged

Morningstar Index BBgBarc US Agg Bond TR USD







Credit Rating Breakdown	Fund	Bmark	Cat
AAA	34.82	3.53	-
AA	56.12	74.59	-
A	9.06	10.82	-
BBB	0.00	8.32	-
BB	0.00	0.28	-
В	0.00	0.00	-
Below B	0.00	0.00	-
Not Rated	0.00	2.46	_

Sector Weighting as of 09-			_		_		п -				
	Fund	Bmark	Cat	Fund	▼ B	enchmark	Categ	jory Avera	ige		
Government	30.29	-	-								
Treasury	9.41	_	-								
Inflation - Protected	0.00	-	-								
Agency/Quasi Agency	18.79	-	-								
Other Government Related	2.09	_	-								
Corporate	21.90	_	-								
Corporate Bond	21.84	_	_								
Bank Loan	0.06	-	_	į							
Convertible	0.00	_	-	į							
Preferred	0.00	_	-	į							
Securitized	0.00	-	-	İ							
Agency MBS Pass-Through	0.00	_	-	į							
Agency MBS ARM	0.00	_	_	į							
Agency MBS CMO	0.00	_	_								
Non-Agency Residential MBS	0.00	_	_	į							
Commercial MBS	0.00	_	_	į							
Asset-Backed	0.00	_	_	İ							
Covered Bond	0.00	_	_	İ							
Municipal	0.00	-	-	į							
Cash & Equivalents	16.01	-	-								
Other	31.80	_	-		:						
				0%	5	10	15	20	25	30	3

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
			47.74	
① Cash Offset Of Cad	_	17.74	17.74	_
⊕ Cash Offset Of Eur	_	10.86	28.61	_
United States Treasury Notes 2.1%	04-2021	6.41	35.02	_
⊕ Cash Offset Of Gbp	_	6.19	41.21	_
Cad190903	09-2019	4.28	45.50	_
Cad190904	09-2019	4.05	49.55	_
⊕ United States Treasury Notes 2.18%	07-2021	2.90	52.45	_
Nok190926	09-2019	2.53	54.98	_
⊕ Cash Offset Of Nok	_	2.52	57.50	_
⊕ Cad191010	10-2019	2.41	59.91	_

⊕ Increase ⊝ Decrease 🕸 New to Portfolio

Total Holdings 280



DFA US Core Equity 1 I DFEOX

Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

Turnover %

Expense Ratio

Portfolio Manager(s)

Jed Foodall since 02-2012 Lukas Smart since 02-2017 Joel Schneider since 02-2019

Quantitative Screens

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

Management: The fund's management has been in place for 7.59 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 0.19 is 79.12% 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.





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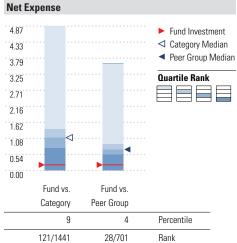
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Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

Rank

3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	-2.42	_	-1.24
Beta	1.10	_	0.96
R-Squared	96.86	-	93.99
Standard Deviation	13.63	12.18	12.01
Sharpe Ratio	0.78	0.96	0.84
Tracking Error	2.71	-	2.98
Information Ratio	-0.52	-	-1.29
Up Capture Ratio	101.32	_	91.29
Down Capture Ratio	113.74	-	97.85

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.66	20.32	20.89
Price/Book Ratio	2.55	3.18	3.47
Geom Avg Mkt Cap \$B	38.28	111.20	178.81
ROE	23.56	26.31	28.46



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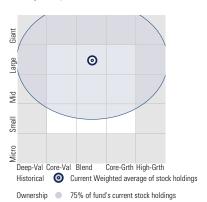
DFA US Core Equity 1 I DFEOX

Morningstar Category Large Blend S&P 500 TR USD

Morningstar Index

Style Analysis as of 09-30-2019

Morningstar Style Box™



Style Breakdown

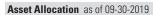
Equity

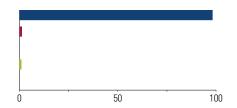
1. /			
23	21	19	Large
8	9	8	Mid
5	5	3	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	1.18
Cash	0.82	0.92
Bonds	0.00	0.37
Non-US Stocks	1.04	2.95
US Stocks	98.13	94.56
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 09-	30-2019				
		Fund	Bmark	Cat	Fund Benchmark Category Average	
ሁ	Cyclical	35.01	33.06	34.49	j	
A	Basic Materials	3.57	2.40	2.73		
A	Consumer Cyclical	14.39	11.76	11.95		
L	Financial Services	16.68	15.68	16.57		
命	Real Estate	0.37	3.22	3.24		
W	Sensitive	43.37	41.65	40.62		
	Communication Services	4.00	3.41	2.85		
•	Energy	4.78	4.52	4.44		
Ф	Industrials	13.03	10.39	11.24		
	Technology	21.56	23.33	22.09		
→	Defensive	21.63	25.28	24.88		
Ħ	Consumer Defensive	7.34	8.12	8.21		
٠	Healthcare	11.30	13.57	13.79		
•	Utilities	2.99	3.59	2.88		
					0% 5 10 15 20 25 30 35 4	10 45

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Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Apple Inc	3.65	3.65	43.43	Technology
→ Microsoft Corp	2.64	6.28	38.24	Technology
Amazon.com Inc	2.22	8.50	15.58	Consumer Cyclical
Ð AT&T Inc	1.30	9.80	37.95	Communication Svc
JPMorgan Chase & Co	1.18	10.99	23.02	Financial Services
⊕ Facebook Inc A	1.13	12.12	35.85	Technology
Verizon Communications Inc	1.02	13.13	10.58	Communication Svc
⊕ Johnson & Johnson	0.96	14.09	2.43	Healthcare
Berkshire Hathaway Inc B	0.95	15.03	1.88	Financial Services
Exxon Mobil Corp	0.90	15.93	7.30	Energy
⊕ S+p500 Emini Fut Sep19 Xcme 20190920	0.85	16.78	_	_
Intel Corp	0.84	17.62	11.82	Technology
⊕ Ssc Government Mm Gvmxx	0.78	18.40	_	_
Mastercard Inc A	0.78	19.18	44.48	Financial Services
⇒ Visa Inc Class A	0.77	19.95	30.94	Financial Services

Total Holdings 2802



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 22.24 years.

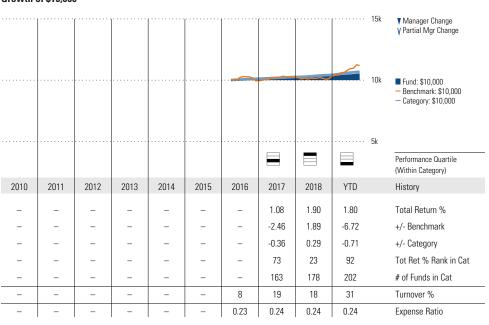
Style Consistency is not calculated for Fixed Income funds.

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

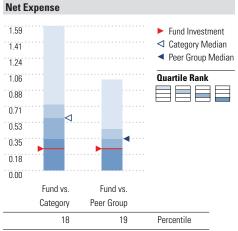
Morningstar Investment Management LLC Analysis

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







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

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Rank

3-Year KISK Welrics			
	Fund	Bmark	Cat
Alpha	1.47	_	1.78
Beta	0.04	_	0.04
R-Squared	28.87	_	22.18
Standard Deviation	0.27	3.35	0.43
Sharpe Ratio	-0.02	0.41	0.72
Tracking Error	3.21	_	3.22
Information Ratio	-0.41	_	-0.31
Up Capture Ratio	17.98	_	22.90
Down Capture Ratio	-18.24	-	-18.90

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	0.40	4.43	0.95
Avg Eff Maturity	2.94	_	1.94



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Duration

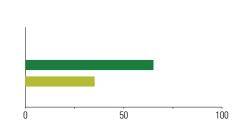
Federated Government Ultrashrt Dur R6 FGULX

Morningstar Category Ultrashort Bond

Morningstar Index

BBgBarc US Agg Bond TR USD

Style A	nalysis	as	of 09-30-2019
Style Bre Fixed Inco			Quality
			High
			Mid
			Low
Ltd Mo	od Ext		•



Asset Allocation as of 09-30-2019



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

Other	0.00	-	0.58										
Cash & Equivalents	35.04	-	24.61										
Municipal	0.00	-	1.41	! []									
Covered Bond	0.00	_	0.10	İ									
Asset-Backed	0.00	_	16.34	İ									
Commercial MBS	0.00	-	3.94	İ									
Non-Agency Residential MBS	0.00	-	0.71										
Agency MBS CMO	49.49	-	0.82										
Agency MBS ARM	0.54	-	0.50	0									
Agency MBS Pass-Through	4.30	_	0.84										
Securitized	54.33	-	23.25										
Preferred	0.00	_	0.00	ĺ									
Convertible	0.00	_	1.08	[]									
Bank Loan	0.00	_	0.22										
Corporate Bond	0.00	_	35.88	į									
Corporate	0.00	_	37.18	T i							[
Other Government Related	0.00	_	7.96	i	[]							
Agency/Quasi Agency	7.20	_	1.82										
Inflation – Protected	0.00	_	0.18	ĺ									
Treasury	3.43	_	2.92										
Government	10.63	_	12.88						- 1				
	Fund	Bmark	Cat	Fund	t	▼ Be	nchma	rk	Cated	gory Av	erage		

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

Total Holdings 199



Invesco Balanced-Risk Commodity Strat R6 IBRFX

Morningstar Category Commodities Broad Basket Morningstar Index

Bloomberg Commodity TR USD

Portfolio Manager(s)

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

Quantitative Screens

Performance: The fund has finished in the Commodities Broad Basket category's top three quartiles in 5 of the 7 years it's been in existence.

Management: The fund's management has been in place for 8.84 years.

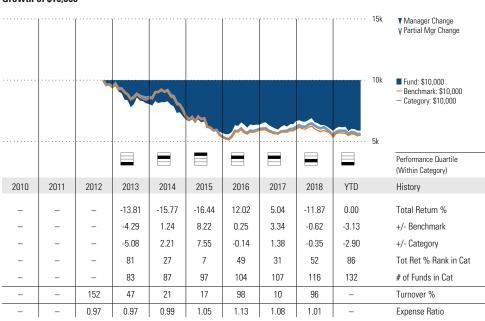
Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 1.01 is 13.68% lower than the Commodities Broad Basket category average.

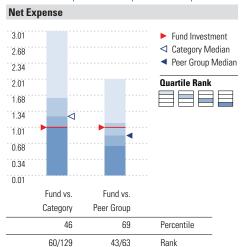
Morningstar Investment Management LLC Analysis

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

Growth of \$10,000







3-Year hisk wietrics			
	Fund	Bmark	Cat
Alpha	-1.38	_	0.71
Beta	0.86	_	1.04
R-Squared	67.82	_	74.99
Standard Deviation	8.28	7.94	9.86
Sharpe Ratio	-0.48	-0.35	-0.27
Tracking Error	4.83	-	5.07
Information Ratio	-0.25	-	-0.10
Up Capture Ratio	102.42	-	116.78
Down Capture Ratio	113.02	-	110.03

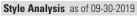
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	_	_	11.29
Price/Book Ratio	_	_	1.41
Geom Avg Mkt Cap \$B	_	_	23.90
ROE	_	-	20.51



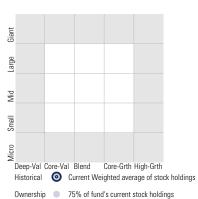
Invesco Balanced-Risk Commodity Strat R6 IBRFX

 Morningstar Category
 Morningstar Index

 Commodities Broad Basket
 Bloomberg Commodity TR USD



Morningstar Style Box™



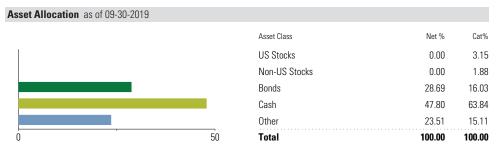


Equity



Weight %

>50 25-50 10-25 0-10



		Fund	Bmark	Cat	Fur	nd	v [Bench	mark	Cateo	gory Ave	erage		
Դ	Cyclical	-	-	28.96										
A.	Basic Materials	_	_	3.34										
A	Consumer Cyclical	_	_	12.66										
æ	Financial Services	_	_	12.96										
fi	Real Estate	-	-	0.00	ĺ									
W	Sensitive	_	_	40.16										
	Communication Services	_	_	2.89										
•	Energy	-	_	6.65										
Ф	Industrials	_	_	11.87										
	Technology	-	-	18.75										
—	Defensive	_	_	30.88								[
Ħ	Consumer Defensive	-	_	4.47										
+	Healthcare	_	_	19.01										
•	Utilities	_	_	7.40										

Top 13 Holdings as of 09-30-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Invesco Cayman Commodity Fund Iii Hf	23.51	23.51	_	_
☐ Invesco Shrt-Trm Inv Treasury Inst!	18.93	42.43	_	_
	16.56	58.99	_	_
	11.83	70.82	_	_
⊕ United States Treasury Bills 0%	5.14	75.96	_	-
United States Treasury Notes 2.09%	5.11	81.07	-	_
⊕ United States Treasury Bills 0%	4.90	85.97	_	_
United States Treasury Notes 2.08%	4.42	90.39	_	_
United States Treasury Notes 2.05%	4.34	94.73	_	_
Barclays Bank plc 0.01%	2.11	96.84	-	-
International Bank for Reconstruction and Development 1.57%	1.75	98.60	_	_
Barclays Bk 0.1%	0.92	99.51	_	_
⊕ Usd Currency Cash	0.49	100.00	_	_

Total Holdings 13



Loomis Sayles Core Plus Bond N NERNX

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

Portfolio Manager(s)

Peter Palfrey since 12-1996 Richard Raczkowski since 05-1999

Quantitative Screens

Q Performance: The fund has finished in the Intermediate
 Core-Plus Bond category's top three quartiles in 5 of the 6
 years it's been in existence.

Management: The fund's management has been in place for 22.76 years.

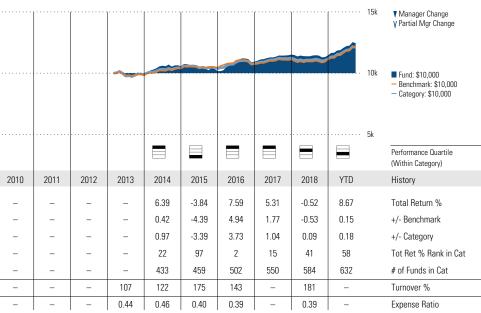
Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.39 is 51.25% lower than the Intermediate Core-Plus Bond category average.

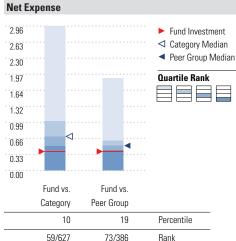
Morningstar Investment Management LLC Analysis

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 hisk wetrics			
	Fund	Bmark	Cat
Alpha	1.14	_	0.71
Beta	0.84	_	0.83
R-Squared	86.60	-	86.86
Standard Deviation	3.01	3.35	2.99
Sharpe Ratio	0.67	0.41	0.54
Tracking Error	1.23	-	1.15
Information Ratio	0.56	-	0.19
Up Capture Ratio	95.76	-	92.85
Down Capture Ratio	69.43	-	78.28

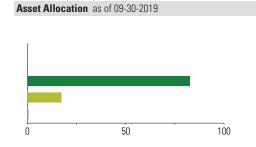
Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.04	4.43	_
Avg Eff Maturity	8.10	_	_



Loomis Sayles Core Plus Bond N NERNX

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





Total	100.00	100.00
Other	0.36	_
Cash	17.10	_
Bonds	82.55	-
Non-US Stocks	0.00	-
US Stocks	0.00	-
Asset Class	Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	53.22	3.53	-
AA	3.19	74.59	-
A	15.38	10.82	_
BBB	20.27	8.32	-
BB	5.92	0.28	-
В	1.12	0.00	-
Below B	0.46	0.00	-
Not Rated	0.44	2.46	_

	Fund	Bmark	Cat	Fund	▼ B	enchmark	Cated	gory Average	9	
Government	25.39	_	_					, , ,		
Treasury	16.77	_	_							
Inflation – Protected	7.56	_	_		- :					
Agency/Quasi Agency	1.06	_	_							
Other Government Related	0.00	_	_							
Corporate	24.63	_	-					- :		
Corporate Bond	21.58	_	_							
Bank Loan	2.73	_	_							
Convertible	0.32	_	_							
Preferred	0.00	_	_	İ						
Securitized	32.87	-	_							
Agency MBS Pass-Through	25.98	_	_					:		
Agency MBS ARM	0.01	_	_							
Agency MBS CM0	3.11	_	_							
Non-Agency Residential MBS	0.53	_	_	i.						
Commercial MBS	0.41	_	_	1						
Asset-Backed	2.83	_	_							
Covered Bond	0.00	_	-							
Municipal	0.00	-	-							
Cash & Equivalents	17.11	-	-							
Other	0.00	-	-	į.						

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
United States Treasury Notes 3.12%	11-2028	8.97	8.97	_
→ Federal National Mortgage Association 3.5%	09-2049	4.10	13.07	_
⊕ United States Treasury Bills 0.01%	10-2019	3.10	16.16	_
United States Treasury Bills 0%	10-2019	2.93	19.09	_
⊕ United States Treasury Bills 0.01%	09-2019	2.45	21.54	-
United States Treasury Bills 0.01%	10-2019	2.16	23.70	_
⊕ United States Treasury Bonds 1%	02-2046	1.95	25.65	_
⊕ United States Treasury Bonds 0.88%	02-2047	1.63	27.28	_
€ Federal National Mortgage Association 4.5%	09-2049	1.63	28.91	_
€ Federal Home Loan Banks 0.01%	09-2019	1.38	30.29	_

Total Holdings 582



State St Russell Lg Cap Gr® Indx NL CI C

Morningstar Category Large Growth

Morningstar Index

Russell 1000 Growth TR USD

Portfolio Manager(s)

Management Team since 07-1999

Quantitative Screens

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

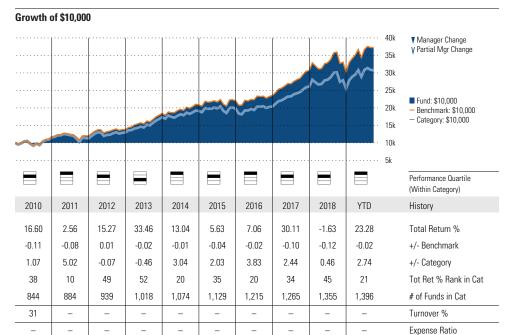
Management: The fund's management has been in place for 20.35 years.

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

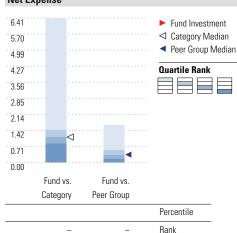
The Expense screen is not applicable for funds without

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.







3-1 car misk menics			
	Fund	Bmark	Cat
Alpha	-0.06	_	-0.79
Beta	1.00	_	1.00
R-Squared	100.00	_	94.60
Standard Deviation	13.29	13.30	13.71
Sharpe Ratio	1.12	1.12	1.04
Tracking Error	0.03	_	3.01
Information Ratio	-2.24	_	-0.55
Up Capture Ratio	99.80	_	96.42
Down Capture Ratio	100.10	_	98.80

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	25.93	25.98	26.42
Price/Book Ratio	7.54	7.55	6.09
Geom Avg Mkt Cap \$B	125.18	125.13	169.04
ROE	34.88	34.85	29.93



State St Russell Lg Cap Gr® Indx NL CI C

Morningstar Category

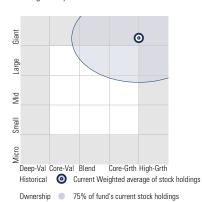
Large Growth

Morningstar Index

Russell 1000 Growth TR USD

Style Analysis as of 09-30-2019

Morningstar Style Box™



Style Breakdown

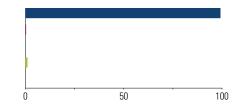
Equity

8	28	51	Laige
1	3	8	3
0	0	0	dilaii
Value	Blend	Growth	

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 09-30-2019



Total	100.00	100.00
Other	0.00	0.45
Cash	0.84	2.07
Bonds	0.00	0.04
Non-US Stocks	0.16	5.58
US Stocks	99.00	91.88
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 09-3															
		Fund	Bmark	Cat	Fun	d	▼ Be	nchma	ırk	Cateo	jory Av	/erage				
	Cyclical	27.48	27.46	33.17							Ĺ					
A	Basic Materials	1.23	1.23	1.79												
A	Consumer Cyclical	15.59	15.58	16.97												
	Financial Services	7.94	7.92	12.38			i (
fi	Real Estate	2.72	2.73	2.03												
W	Sensitive	53.22	53.22	46.63												
	Communication Services	1.22	1.22	1.53												
•	Energy	0.27	0.27	1.09	ΪĮ											
Ф	Industrials	11.56	11.56	9.30												
	Technology	40.17	40.17	34.71												
→	Defensive	19.29	19.32	20.20												
Ħ	Consumer Defensive	5.44	5.45	5.02												
+	Healthcare	13.85	13.87	14.58				[
•	Utilities	0.00	0.00	0.60	i[]											
					0%	5	10	15	20	25	30	35	40	45	50	5

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Nume	// Not A3301	Odindiative 70	TTB fictuiti /0	Wormingstar occioi
⊕ Microsoft Corp	7.40	7.40	38.24	Technology
⇒ Apple Inc	7.12	14.52	43.43	Technology
⊕ Amazon.com Inc	5.05	19.57	15.58	Consumer Cyclical
⊕ Facebook Inc A	2.99	22.56	35.85	Technology
⊕ Alphabet Inc Class C	2.61	25.17	17.71	Technology
Alphabet Inc A	2.57	27.73	16.86	Technology
⊕ Visa Inc Class A	2.11	29.84	30.94	Financial Services
⊕ Mastercard Inc A	1.72	31.56	44.48	Financial Services
⊖ Cisco Systems Inc	1.49	33.05	16.41	Technology
⊕ UnitedHealth Group Inc	1.44	34.49	-11.54	Healthcare
Merck & Co Inc	1.44	35.93	12.33	Healthcare
⊕ Boeing Co	1.42	37.35	19.89	Industrials
→ PepsiCo Inc	1.13	38.48	26.66	Consumer Defensive
The Home Depot Inc	1.02	39.51	37.41	Consumer Cyclical
Coca-Cola Co	1.00	40.51	17.51	Consumer Defensive

Total Holdings 537



State St Russell Lg Cp Val® Indx NL Cl C

Morningstar Category
Large Value

Morningstar Index Russell 1000 Value TR USD

Portfolio Manager(s)

Management Team since 02-1999

Quantitative Screens

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

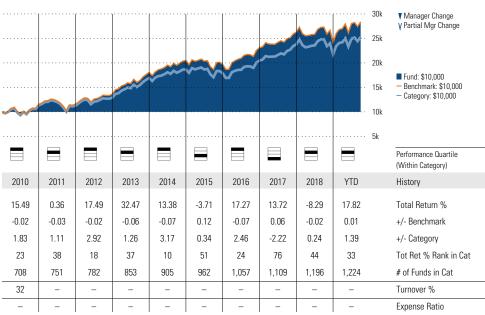
Management: The fund's management has been in place for 20.69 years.

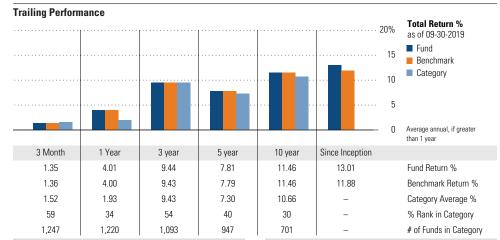
The Expense screen is not applicable for funds without data.

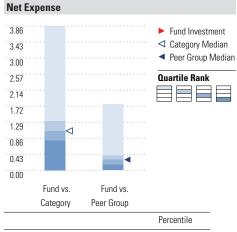
Morningstar Investment Management LLC Analysis

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

Growth of \$10,000







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

Rank

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.01	_	0.51
Beta	1.00	_	1.01
R-Squared	100.00	_	95.94
Standard Deviation	12.33	12.34	12.70
Sharpe Ratio	0.66	0.66	0.69
Tracking Error	0.06	_	2.42
Information Ratio	0.16	_	0.30
Up Capture Ratio	99.94	_	101.28
Down Capture Ratio	99.83	-	97.95

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	16.47	16.49	16.18
Price/Book Ratio	1.94	1.94	2.22
Geom Avg Mkt Cap \$B	57.93	58.19	107.83
ROE	14.52	14.48	20.08



State St Russell Lg Cp Val® Indx NL Cl C

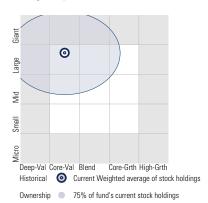
Morningstar Category Large Value

Morningstar Index

Russell 1000 Value TR USD

Style Analysis as of 09-30-2019

Morningstar Style Box™



Style Breakdown

Equity

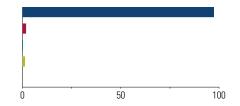
43	28	6	Large
10	9	3	MIG
1	1	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	0.60
Cash	1.06	2.28
Bonds	0.06	-0.15
Non-US Stocks	1.68	5.85
US Stocks	97.20	91.42
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	•	Benchr	mark	Categ	jory Ave	erage	_	
ŀ	Cyclical	41.57	41.55	36.55									
ů.	Basic Materials	3.96	3.99	3.23)							
4	Consumer Cyclical	8.43	8.38	8.94									
,	Financial Services	23.37	23.32	20.81		1	1			ď			
ŧ	Real Estate	5.81	5.86	3.57									
M	Sensitive	29.47	29.42	34.74									
	Communication Services	5.31	5.32	5.24									
	Energy	8.39	8.43	8.53									
¢	Industrials	9.14	9.09	9.86									
2	Technology	6.63	6.58	11.11									
→	Defensive	28.95	29.04	28.72									
	Consumer Defensive	9.73	9.73	9.81									
٠	Healthcare	12.34	12.37	13.45		•	· · · · · ·						
•	Utilities	6.88	6.94	5.46									

Top 15 Holdings as of 09-30-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Berkshire Hathaway Inc B	2.94	2.94	1.88	Financial Services
	2.70	5.64	23.02	Financial Services
⊕ Exxon Mobil Corp	2.16	7.80	7.30	Energy
⊕ Johnson & Johnson	2.11	9.91	2.43	Healthcare
⊕ Procter & Gamble Co	2.09	12.00	37.72	Consumer Defensive
Đ AT&T Inc	2.00	14.00	37.95	Communication Svc
→ Verizon Communications Inc	1.80	15.80	10.58	Communication Svc
⇒ Bank of America Corporation	1.78	17.58	20.33	Financial Services
Ð Intel Corp	1.66	19.23	11.82	Technology
⊕ The Walt Disney Co	1.65	20.88	19.65	Consumer Cyclical
⊕ Chevron Corp	1.62	22.51	12.30	Energy
→ Wells Fargo & Co	1.45	23.95	12.52	Financial Services
Pfizer Inc	1.43	25.39	-15.21	Healthcare
⊕ Walmart Inc	1.21	26.60	29.11	Consumer Defensive
⊝ Citigroup Inc	1.13	27.72	35.40	Financial Services

Total Holdings 751



State St Russell Sm Cap® Gr Indx NL CI C

Morningstar Category

Small Growth

Morningstar Index

Russell 2000 Growth TR USD

Portfolio Manager(s)

Management Team since 09-2009

Quantitative Screens

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

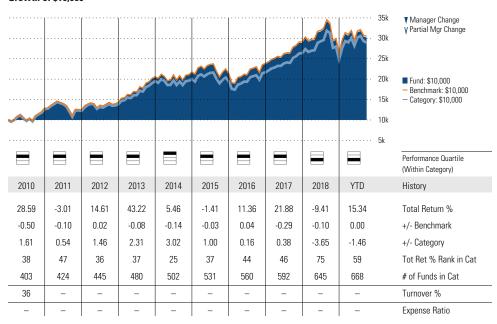
Management: The fund's management has been in place for 10.16 years.

The Expense screen is not applicable for funds without data

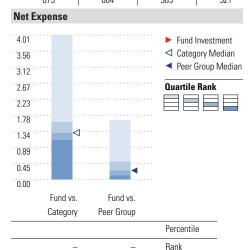
Morningstar Investment Management LLC Analysis

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

Growth of \$10,000







3-1 cai hisk inchics			
	Fund	Bmark	Cat
Alpha	-0.06	_	0.15
Beta	1.00	_	0.94
R-Squared	99.99	_	95.20
Standard Deviation	17.45	17.47	16.80
Sharpe Ratio	0.53	0.53	0.52
Tracking Error	0.13	_	3.24
Information Ratio	-0.56	_	-0.10
Up Capture Ratio	99.65	_	93.35
Down Capture Ratio	99.85	_	92.48

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	23.13	23.13	27.02
Price/Book Ratio	3.83	3.83	4.13
Geom Avg Mkt Cap \$B	2.03	2.03	3.72
ROE	6.12	6.01	7.16



State St Russell Sm Cap® Gr Indx NL CI C

Morningstar Category

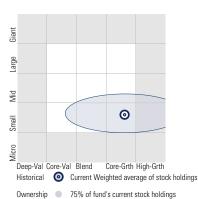
Small Growth

Morningstar Index

Russell 2000 Growth TR USD

Style Analysis as of 09-30-2019

Morningstar Style Box™



Style Breakdown

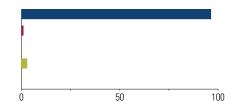
Equity

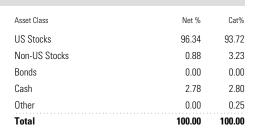
1. /			
0	0	0	Large
1	8	11	Mid
9	23	48	Small
/alue	Blend	Growth	

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 09-30-2019





Sec	ctor Weighting as of 09-	30-2019												
		Fund	Bmark	Cat	Fund	l	▼ Bench	mark] Cateo	gory Ave	rage			
<u></u>	Cyclical	28.03	27.99	29.36										
A	Basic Materials	5.57	5.56	4.31										
A	Consumer Cyclical	11.49	11.50	12.44]						
L	Financial Services	6.06	6.04	9.07		ď	0							
fi	Real Estate	4.91	4.89	3.54										
W	Sensitive	40.58	40.59	44.46										
	Communication Services	0.99	0.99	0.72	•0									
•	Energy	0.62	0.61	1.48										
Ф	Industrials	17.90	17.84	16.25			1		ľ					
	Technology	21.07	21.15	26.01						[
—	Defensive	31.39	31.42	26.18										
Ħ	Consumer Defensive	4.36	4.35	4.97		= [
+	Healthcare	25.22	25.29	20.08						iv I				
•	Utilities	1.81	1.78	1.13										
					0%	5	10	15	20	25	30	35	40	45

Top 15 Holdings as of 09-30-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
State Street Corporation Short Term Investment Fund	2.58	2.58	_	_
⊕ E-Mini Russ 2000 Dec19 Xcme 20191220	2.44	5.02	_	_
	0.63	5.65	26.08	Healthcare
NovoCure Ltd	0.63	6.28	123.36	Healthcare
	0.52	6.80	53.18	Basic Materials
Science Applications International Corp	0.51	7.30	38.78	Technology
Maximus Inc	0.48	7.79	19.85	Industrials
Teladoc Health Inc	0.47	8.26	36.61	Technology
Silicon Laboratories Inc	0.47	8.73	41.29	Technology
⊖ Generac Holdings Inc	0.47	9.19	57.63	Industrials
	0.46	9.65	42.58	Consumer Defensive
⊕ Tetra Tech Inc ■ ■ Tetra Tech Inc ■ ■ Tetra Tech Inc ■	0.46	10.11	68.40	Industrials
⊕ EastGroup Properties Inc	0.45	10.57	38.68	Real Estate
	0.43	10.99	44.20	Technology
	0.43	11.42	71.64	Industrials

Total Holdings 1114



State St Russell Sm Cp® Val Indx NL Cl C

Morningstar Category ■ Small Value

Morningstar Index

Russell 2000 Value TR USD

Portfolio Manager(s)

Management Team since 09-2009

Quantitative Screens

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

Management: The fund's management has been in place for 10.16 years.

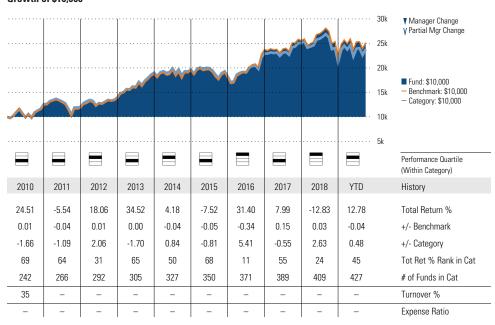
Style: The fund has landed in its primary style box — Small Value — 100 % of the time over the past three years.

The Expense screen is not applicable for funds without

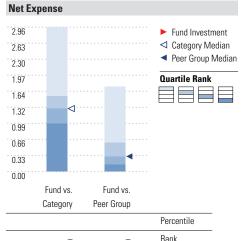
Morningstar Investment Management LLC Analysis

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	0.03	_	-0.99
Beta	1.00	_	1.02
R-Squared	100.00	_	97.96
Standard Deviation	17.64	17.67	18.31
Sharpe Ratio	0.36	0.35	0.30
Tracking Error	0.10	_	2.07
Information Ratio	0.17	_	-0.86
Up Capture Ratio	100.00	_	99.35
Down Capture Ratio	99.92	_	103.73

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	13.74	13.72	15.37
Price/Book Ratio	1.27	1.28	1.47
Geom Avg Mkt Cap \$B	1.56	1.55	2.70
ROE	6.82	6.79	9.76



State St Russell Sm Cp® Val Indx NL CI C

Morningstar Category Small Value

Morningstar Index

Russell 2000 Value TR USD

Style Analysis as of 09-30-2019

Morningstar Style Box™



Style Breakdown

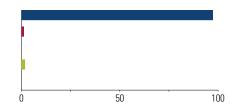
Equity

0	0	0	Large
6	5	2	Mid
36	39	12	Small
Value	Blend	Growth	

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 09-30-2019



Total	100.00	100.00
Other	0.00	0.11
Cash	1.68	2.43
Bonds	0.00	-0.03
Non-US Stocks	1.02	2.10
US Stocks	97.30	95.39
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 09-	30-2019			
		Fund	Bmark	Cat	Fund • Benchmark [] Category Average
Դ	Cyclical	58.84	58.82	57.12	<u> </u>
A	Basic Materials	5.15	5.12	7.49	
Д	Consumer Cyclical	11.81	11.85	13.64	
,	Financial Services	27.68	27.63	26.41	
fi	Real Estate	14.20	14.22	9.58	
W	Sensitive	27.07	27.03	31.80	
	Communication Services	0.99	0.98	0.54	
ð	Energy	4.88	4.90	4.64	
¢	Industrials	12.64	12.61	15.57	
	Technology	8.56	8.54	11.05	
—	Defensive	14.09	14.14	11.09	
Ħ	Consumer Defensive	3.13	3.11	3.74	
+	Healthcare	4.44	4.54	3.35	
•	Utilities	6.52	6.49	4.00	
					0% 5 10 15 20 25 30 35 40 45 50 55 60

Top 15 Holdings as of 09-30-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
State Street Corporation Short Term Investment Fund	1.56	1.56	_	_
⊕ E-Mini Russ 2000 Dec19 Xcme 20191220	1.49	3.05	_	_
→ Portland General Electric Co	0.51	3.56	25.41	Utilities
ONE Gas Inc	0.50	4.06	22.63	Utilities
⊕ Rexford Industrial Realty Inc	0.48	4.55	51.26	Real Estate
⊕ Black Hills Corp	0.48	5.03	24.63	Utilities
	0.47	5.49	39.65	Financial Services
Blackstone Mortgage Trust Inc A	0.46	5.95	18.36	Real Estate
ALLETE Inc	0.46	6.41	16.99	Utilities
⊕ Southwest Gas Holdings Inc	0.45	6.86	21.11	Utilities
Spire Inc	0.44	7.30	20.16	Utilities
⊕ Sabra Health Care REIT Inc	0.43	7.73	47.51	Real Estate
Healthcare Realty Trust Inc	0.43	8.16	20.96	Real Estate
Lumentum Holdings Inc	0.41	8.58	27.49	Technology
PNM Resources Inc	0.41	8.99	28.86	Utilities

Total Holdings 1332



Vanguard 500 Index Admiral VFIAX

Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

Portfolio Manager(s)

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

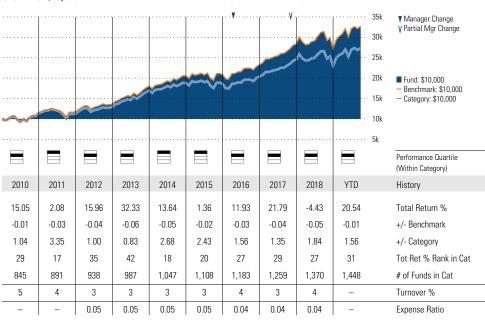
Quantitative Screens

- Performance: The fund has finished in the Large Blend category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 3.43 years.
- Style: The fund has landed in its primary style box Large Blend — 100 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.04 is 95.6% lower than the Large Blend category average.

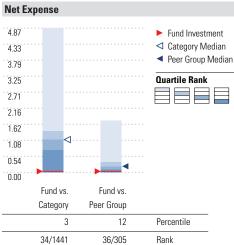
Morningstar Investment Management LLC Analysis

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

Growth of \$10,000







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

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

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



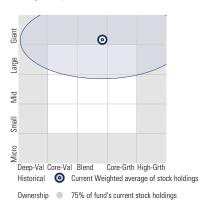
Vanguard 500 Index Admiral VFIAX

Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

Style Analysis as of 09-30-2019

Morningstar Style Box™



Style Breakdown

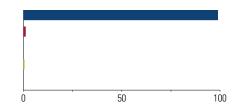
Equity

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

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 09-30-2019



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

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

Top 15 Holdings as of 09-30-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	4.29	4.29	38.24	Technology
Apple Inc	3.84	8.13	43.43	Technology
⊕ Amazon.com Inc	2.91	11.04	15.58	Consumer Cyclical
Facebook Inc A	1.73	12.77	35.85	Technology
⊕ Berkshire Hathaway Inc B	1.60	14.37	1.88	Financial Services
∋ JPMorgan Chase & Co	1.52	15.89	23.02	Financial Services
⇒ Alphabet Inc Class C	1.49	17.38	17.71	Technology
⇒ Alphabet Inc A	1.47	18.85	16.86	Technology
∃ Johnson & Johnson	1.38	20.23	2.43	Healthcare
⊕ Procter & Gamble Co	1.26	21.49	37.72	Consumer Defensive
⊕ Exxon Mobil Corp	1.21	22.70	7.30	Energy
	1.20	23.90	30.94	Financial Services
⊕ AT&T Inc	1.12	25.01	37.95	Communication Svc
The Home Depot Inc The Home Depo	1.03	26.04	37.41	Consumer Cyclical
Verizon Communications Inc	1.01	27.05	10.58	Communication Svc

Total Holdings 516



Vanguard Developed Markets Index Admiral VTMGX

Morningstar Category Foreign Large Blend Morningstar Index MSCI ACWI Ex USA NR USD

Portfolio Manager(s)

Christine Franquin since 02-2013 Michael Perre since 11-2017

Quantitative Screens

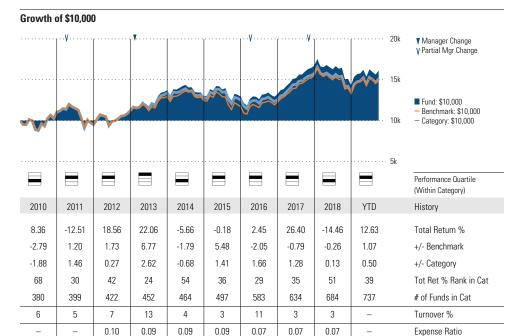
❷ Performance: The fund has finished in the Foreign Large
Blend category's top three quartiles in 10 of the 10 years
it's been in existence.

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

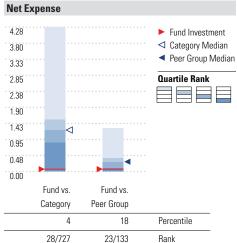
 Net Expense: The fund's expense ratio of 0.07 is 92.93% lower than the Foreign Large Blend category average.

Morningstar Investment Management LLC Analysis

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







3-Year Risk Metrics							
	Fund	Bmark	Cat				
Alpha	0.05	-	-0.78				
Beta	0.99	-	0.98				
R-Squared	97.28	-	92.53				
Standard Deviation	11.44	11.45	11.70				
Sharpe Ratio	0.45	0.45	0.37				
Tracking Error	1.89	-	3.17				
Information Ratio	-0.03	_	-0.32				
Up Capture Ratio	97.83	-	94.57				
Down Capture Ratio	97.30	-	99.17				

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



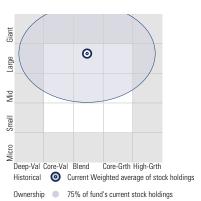
Vanguard Developed Markets Index Admiral VTMGX

Morningstar CategoryForeign Large Blend

Morningstar Index MSCI ACWI Ex USA NR USD

Style Analysis as of 09-30-2019

Morningstar Style Box™



Style Breakdown

Equity

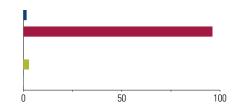
29	23	22	Large
7	7	6	Mid
2	2	2	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

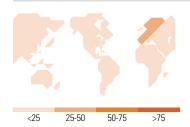




Asset Class	Net %	Cat%
US Stocks	1.43	3.97
Non-US Stocks	95.96	93.13
Bonds	0.00	-0.32
Cash	2.56	2.53
Other	0.06	0.69
Total	100.00	100.00

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

World Regions % Equity 09-30-2019



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

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

Top 10 Holdings as of 09-30-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
① Cmt Market Liquidity Rate	2.46	2.46	_	_
○ Nestle SA	1.68	4.14	38.76	Consumer Defensive
Roche Holding AG Dividend Right Cert.	1.08	5.22	22.90	Healthcare
○ Novartis AG	1.00	6.22	18.28	Healthcare
Samsung Electronics Co Ltd	0.96	7.18	_	Technology
⊕ Toyota Motor Corp	0.90	8.07	14.52	Consumer Cyclical
⊕ HSBC Holdings PLC	0.83	8.90	1.47	Financial Services
⊕ BP PLC	0.67	9.58	8.87	Energy
⊕ Royal Dutch Shell PLC Class A	0.67	10.25	8.12	Energy
Total SA	0.67	10.92	7.89	Energy

Total Holdings 3951

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



Vanguard Emerging Mkts Stock Idx Adm VEMAX

Morningstar CategoryDiversified Emerging Mkts

Morningstar Index MSCI EM NR USD

Portfolio Manager(s)

Michael Perre since 08-2008 Jeffrey Miller since 02-2016

Quantitative Screens

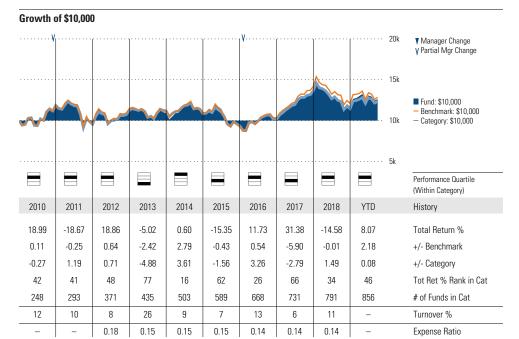
Performance: The fund has finished in the Diversified Emerging Mkts category's top three quartiles in 9 of the 10 years it's been in existence.

Management: The fund's management has been in place for 11.09 years.

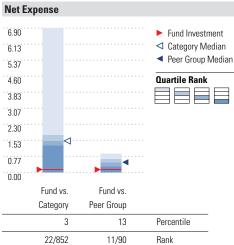
Net Expense: The fund's expense ratio of 0.14 is
 89.15% lower than the Diversified Emerging Mkts category average.

Morningstar Investment Management LLC Analysis

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







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.34	_	-0.25
Beta	0.94	_	0.92
R-Squared	96.98	_	87.64
Standard Deviation	13.34	14.04	13.77
Sharpe Ratio	0.33	0.37	0.31
Tracking Error	2.49	_	4.83
Information Ratio	-0.29	_	-0.18
Up Capture Ratio	95.98	_	92.55
Down Capture Ratio	98.80	-	94.88

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	13.23	12.83	13.52
Price/Book Ratio	1.64	1.54	1.92
Geom Avg Mkt Cap \$B	20.12	29.91	32.68
ROE	16.37	16.19	18.42



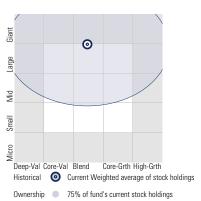


Vanguard Emerging Mkts Stock Idx Adm VEMAX

Morningstar CategoryMorningstar IndexDiversified Emerging MktsMSCI EM NR USD

Style Analysis as of 09-30-2019

Morningstar Style Box™



Style Breakdown

Equity

23	29	24	Luigo
8	6	5	IVIIG
3	2	1	O

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



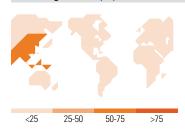
Asset Allocation as of 09-30-2019

Total	100.00	100.00
Other	0.63	0.31
Cash	2.99	1.63
Bonds	0.03	0.46
Non-US Stocks	95.92	95.27
US Stocks	0.42	2.32
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund ▼ Benchma	ark Catego	ry Average	
ŀ	Cyclical	48.78	46.93	46.72				
ů.	Basic Materials	7.89	7.69	5.48				
4	Consumer Cyclical	11.92	11.59	12.95				
£	Financial Services	24.87	24.70	25.77				
ŧ	Real Estate	4.10	2.95	2.52				
M	Sensitive	37.94	40.65	38.20				
d	Communication Services	4.49	4.74	3.57				
•	Energy	7.54	7.42	5.97				
ф	Industrials	5.99	4.96	5.04				
3	Technology	19.92	23.53	23.62				
→	Defensive	13.29	12.41	15.06				
	Consumer Defensive	7.06	7.27	10.21				
٠	Healthcare	3.15	2.48	2.95				
•	Utilities	3.08	2.66	1.90				

100

World Regions % Equity 09-30-2019



	runa %	cat %
Greater Asia	70.61	68.54
Japan	0.00	0.11
Australasia	0.00	0.01
Asia-4 Tigers	14.92	22.46
Asia-ex 4 Tigers	55.69	45.96
Not Classified	0.00	0.00

Americas	Fund % 12.97	Cat % 15.61	Greater Europe	Fund % 16.41	Cat % 15.84	Market Maturity	Fund %
North America Central/Latin	0.35 12.62	1.60 14.01	United Kingdom W euro-ex UK Emrgng Europe Africa	0.00 0.76 5.40 10.25	0.91 2.13 6.36 6.44	Developed Markets Emerging Markets Not Available	18.85 81.15 0.00

Top 10 Holdings as of 09-30-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
○ Tencent Holdings Ltd	4.25	4.25	5.48	Technology
⊕ Alibaba Group Holding Ltd ADR	4.15	8.39	22.00	Consumer Cyclical
① Cmt Market Liquidity Rate	2.89	11.29	_	_
□ Taiwan Semiconductor Manufacturing Co Ltd	2.36	13.64	25.06	Technology
Taiwan Semiconductor Manufacturing Co Ltd ADR	1.48	15.12	30.25	Technology
⊖ China Construction Bank Corp Class H	1.25	16.37	-2.03	Financial Services
○ Naspers Ltd Class N	1.17	17.54	20.25	Technology
→ Ping An Insurance (Group) Co. of China Ltd Class H	1.11	18.66	33.29	Financial Services
⊕ Reliance Industries Ltd	1.04	19.70	19.40	Energy
	0.95	20.65	-0.99	Financial Services

Total Holdings 4228

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



Vanguard LifeStrategy Cnsrv Gr Inv VSCGX

Morningstar Category Allocation--30% to 50%

Morningstar Index

Morningstar Mod Con Tgt Risk TR USD

Expense Ratio

Portfolio Manager(s)

Management Team since 09-1994

Quantitative Screens

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

Management: The fund's management has been in place for 25.02 years.

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

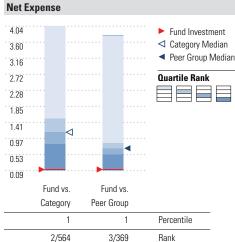
Net Expense: The fund's expense ratio of 0.12 is 88.89% lower than the Allocation--30% to 50% Equity category average.

Morningstar Investment Management LLC Analysis

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







	Fund	Bmark	Cat
Alpha	0.15	-	-1.20
Beta	1.00	-	1.09
R-Squared	98.36	-	88.20
Standard Deviation	4.75	4.72	5.56
Sharpe Ratio	0.93	0.91	0.67
Tracking Error	0.61	-	2.06
Information Ratio	0.21	-	-0.46
Up Capture Ratio	99.37	-	98.45
Down Capture Ratio	95.20	_	114.16

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.61	16.99	18.32
Price/Book Ratio	2.17	2.04	2.47
Avg Eff Duration	6.87	-	4.20

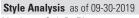


Vanguard LifeStrategy Cnsrv Gr Inv VSCGX

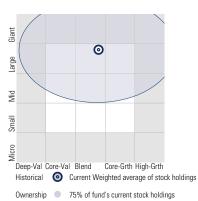
Morningstar Category Allocation--30% to 50% Morningstar Index

Fund

Morningstar Mod Con Tgt Risk TR USD



Morningstar Style Box™



100

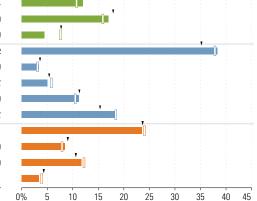
Asset Allocation as of 09-30-2019



Style Breakdown

Equity				Fixed Ir	ncome		Quality
25	25	26	Large				High
6	6	6	Mid				Mid
2	2	2	Small				Low
Value	Blend	Growth		Ltd Duratio	Mod	Ext	_

Sec	ctor Weighting as of 09-3	30-2019		
		Fund	Bmark	Cat
_Մ	Cyclical	38.20	41.43	38.16
A	Basic Materials	4.81	4.92	3.94
A	Consumer Cyclical	11.97	11.17	10.74
P	Financial Services	17.01	17.76	15.89
ŵ	Real Estate	4.41	7.58	7.59
W	Sensitive	38.28	35.04	37.82
	Communication Services	3.36	3.45	3.09
•	Energy	5.02	5.24	5.82
Ф	Industrials	11.23	11.15	10.49
	Technology	18.67	15.20	18.42
→	Defensive	23.51	23.53	24.01
Ħ	Consumer Defensive	8.43	8.89	7.90
+	Healthcare	11.69	10.46	12.20
•	Utilities	3.39	4.18	3.91



>50 25-50 10-25 0-10

Top 5 Holdings as of 09-30-2019					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Bond Market II ldx Inv	_	42.04	42.04	_	_
→ Vanguard Total Stock Mkt Idx Inv	-	24.10	66.14	_	_
⊕ Vanguard Total Intl Bd Idx Investor	_	17.93	84.07	_	_
	_	15.88	99.95	_	_
⊕ Cmt Market Liquidity Rate	_	0.05	100.00	_	_

Total Holdings 5

Vanguard LifeStrategy Growth Inv VASGX

Morningstar Category Allocation--70% to 85% Morningstar Index

Morningstar Mod Agg Tgt Risk TR USD

Equity

Portfolio Manager(s)

Management Team since 09-1994

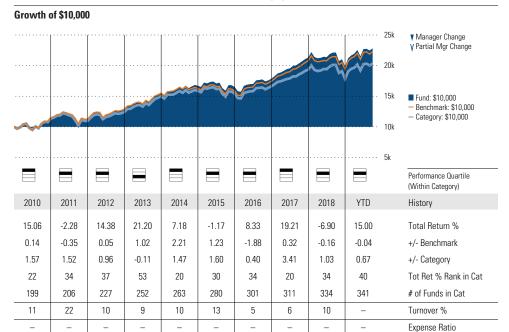
Quantitative Screens

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

Management: The fund's management has been in place for 25.02 years.

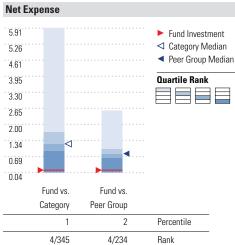
Morningstar Investment Management LLC Analysis

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





3-Year Risk Metrics



	Fund	Bmark	Cat
Alpha	-0.25	-	-1.56
Beta	1.01	-	1.02
R-Squared	99.49	-	93.14
Standard Deviation	9.17	9.07	9.67
Sharpe Ratio	0.79	0.81	0.64
Tracking Error	0.66	-	2.51
Information Ratio	-0.31	-	-0.65
Up Capture Ratio	99.46	-	94.65
Down Capture Ratio	101.16	_	106.15

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.61	16.85	19.09
Price/Book Ratio	2.17	1.99	2.50
Avg Eff Duration	6.87	_	4.69



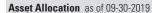
Vanguard LifeStrategy Growth Inv VASGX

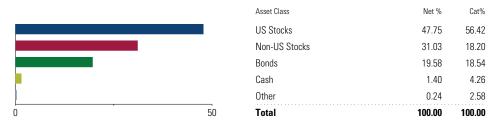
Morningstar Category Allocation--70% to 85% Morningstar Index

Morningstar Mod Agg Tgt Risk TR USD

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



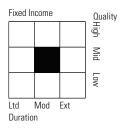




		Fund	Bmark	Cat	Fund	,	Benc	hmark	Cate	gory Ave	erage		
b	Cyclical	38.24	42.20	36.73									
i.	Basic Materials	4.84	5.03	3.84									
A	Consumer Cyclical	11.98	11.35	11.65					_ :				
ê	Financial Services	17.02	17.48	16.25					*				
th.	Real Estate	4.40	8.34	4.99			1					1	
M	Sensitive	38.27	34.77	38.69								•	
	Communication Services	3.35	3.27	2.86) [
•	Energy	5.02	5.15	5.19									
¢	Industrials	11.23	11.17	11.19									
	Technology	18.67	15.18	19.45									
→	Defensive	23.51	23.02	24.57									
	Consumer Defensive	8.43	8.54	8.02			0						
٠	Healthcare	11.69	10.25	13.11									
•	Utilities	3.39	4.23	3.44		0							

Style Breakdown

Equity			
25	25	26	Large
6	6	6	Mid
2	2	2	Small
Value	Blend	Growth	



Mojaht %	

>50 25-50 10-25 0-10

Top 5 Holdings as of 09-30-2019					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	_	48.18	48.18	_	_
	_	31.85	80.03	_	_
	_	13.91	93.94	_	_
	_	6.02	99.95	_	_
	_	0.05	100.00	_	_

Total Holdings 5



Vanguard LifeStrategy Income Inv VASIX

Morningstar Category Allocation--15% to 30% Morningstar Index

Morningstar Mod Tgt Risk TR USD

Equity

Portfolio Manager(s)

Management Team since 09-1994

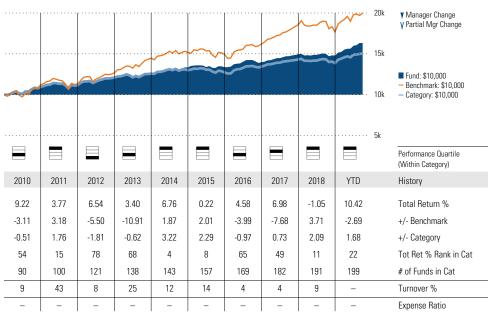
Quantitative Screens

- Performance: The fund has finished in the Allocation--15% to 30% Equity category's top three quartiles in 9 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 25.02 years.
- ✓ Net Expense: The fund's expense ratio of 0.11 is 89% lower than the Allocation--15% to 30% Equity category average.

Morningstar Investment Management LLC Analysis

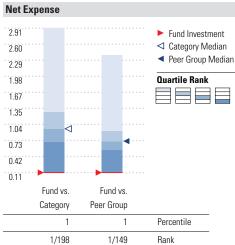
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.







3-Year Risk Metrics



	Fund	Bmark	Car
Alpha	2.11	_	0.51
Beta	0.34	_	0.47
R-Squared	52.68	_	77.76
Standard Deviation	3.16	6.80	3.60
Sharpe Ratio	0.96	0.85	0.66
Tracking Error	5.00	_	4.02
Information Ratio	-0.55	_	-0.86
Up Capture Ratio	42.34	_	46.75
Down Capture Ratio	17.00	_	37.93

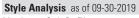
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.57	16.75	18.43
Price/Book Ratio	2.16	1.98	2.35
Avg Eff Duration	6.86	_	4.90



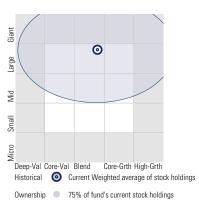
Vanguard LifeStrategy Income Inv VASIX

Morningstar Category Allocation--15% to 30% Morningstar Index

Morningstar Mod Tgt Risk TR USD



Morningstar Style Box™





Sector Weighting as of 09-30-2019

50

Asset Allocation as of 09-30-2019



Style Breakdown

Equity				Fixed Ir	Quality		
25	25	26	Large				High
6	6	6	Mid				Mid
2	2	2	Small				Low
Value	Blend	Growth	•	Ltd Duratio	Mod	Ext	_

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00.	otor trongining as or ou	00 2010				
		Fund	Bmark	Cat	Fund Benchmark Category Average	
Դ	Cyclical	38.31	42.06	39.66		
A	Basic Materials	4.85	4.95	3.38		
A	Consumer Cyclical	11.98	11.14	9.77		
•	Financial Services	17.08	17.57	14.79		
俞	Real Estate	4.40	8.40	11.72		
W	Sensitive	38.21	34.58	34.58		
d	Communication Services	3.34	3.33	3.70		
•	Energy	5.05	5.23	6.70		
Ф	Industrials	11.22	11.14	9.27		
	Technology	18.60	14.88	14.91		
-	Defensive	23.50	23.36	25.75		
Ħ	Consumer Defensive	8.44	8.77	7.14		
٠	Healthcare	11.67	10.28	10.53		
	Utilities	3.39	4.31	8.08		

10 15 25 30 40 45

100

>50 25-50 10-25 0-10

Top 5 Holdings as of 09-30-2019					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Bond Market II ldx Inv	_	56.04	56.04	_	_
	_	23.75	79.78	_	_
Ovanguard Total Stock Mkt Idx Inv	_	11.99	91.77	_	_
	_	8.18	99.95	_	_
Cmt Market Liquidity Rate	_	0.05	100.00	_	_

Total Holdings 5



Vanguard LifeStrategy Moderate Gr Inv VSMGX

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

Fauity

Morningstar Mod Tgt Risk TR USD

Portfolio Manager(s)

Management Team since 09-1994

Quantitative Screens

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

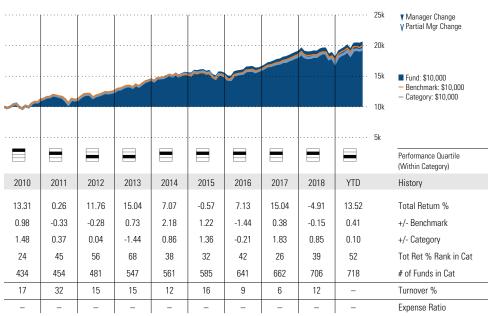
Management: The fund's management has been in place for 25.02 years.

Net Expense: The fund's expense ratio of 0.13 is
 87.96% lower than the Allocation--50% to 70% Equity category average.
 ■ The fund's expense ratio of 0.13 is
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Morningstar Investment Management LLC Analysis

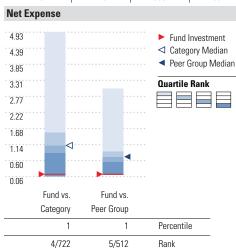
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.







3-Year Risk Metrics



	Fund	Bmark	Cat
Alpha	-0.05	-	-0.84
Beta	1.01	-	1.07
R-Squared	99.19	-	91.79
Standard Deviation	6.88	6.80	7.65
Sharpe Ratio	0.84	0.85	0.73
Tracking Error	0.62	_	2.29
Information Ratio	0.01	_	-0.21
Up Capture Ratio	99.91	_	102.61
Down Capture Ratio	99.70	_	111.49

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.61	16.75	18.72
Price/Book Ratio	2.17	1.98	2.51
Avg Eff Duration	6.88	-	4.83

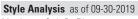


Vanguard LifeStrategy Moderate Gr Inv VSMGX

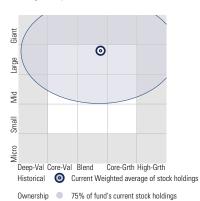
Morningstar Category Allocation--50% to 70%

Morningstar Index

Morningstar Mod Tgt Risk TR USD

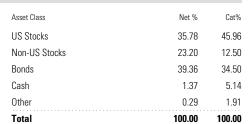


Morningstar Style Box™





Asset Allocation as of 09-30-2019



Style Breakdown

Equity				Fixed Ir	come
25	25	26	Large		
6	6	6	Mid		
2	2	2	Small		
Value	Blend	Growth		Ltd Duratio	Mod



>50 25-50 10-25 0-10

		Fund	Bmark	Cat	Fund	١ ,	Bencl	nmark	Categ	jory Ave	rage			_
b	Cyclical	38.24	42.06	36.28										-
	Basic Materials	4.83	4.95	3.86										
P	Consumer Cyclical	11.99	11.14	11.19			Ö							
ê	Financial Services	17.02	17.57	16.90					ľ					
b	Real Estate	4.40	8.40	4.33			7							
NF	Sensitive	38.28	34.58	38.84								- T	- []	
	Communication Services	3.35	3.33	2.81										
	Energy	5.02	5.23	5.09										
þ	Industrials	11.22	11.14	10.96										
1	Technology	18.69	14.88	19.98				- 1	ı İ					
+	Defensive	23.48	23.36	24.88						 [
7	Consumer Defensive	8.42	8.77	7.84			0							
ì	Healthcare	11.68	10.28	13.53										
?	Utilities	3.38	4.31	3.51		(

50

Top 5 Holdings as of 09-30-2019					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Stock Mkt Idx Inv	_	36.10	36.10	_	_
⊕ Vanguard Total Bond Market II ldx Inv	-	27.97	64.07	_	_
⊕ Vanguard Total Intl Stock Index Inv	_	23.81	87.88	_	_
⊕ Vanguard Total Intl Bd Idx Investor	_	12.08	99.96	_	_
	_	0.04	100.00	_	_

Total Holdings 5



Vanguard Mid-Cap Growth Index Admiral VMGMX

Morningstar Category

Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

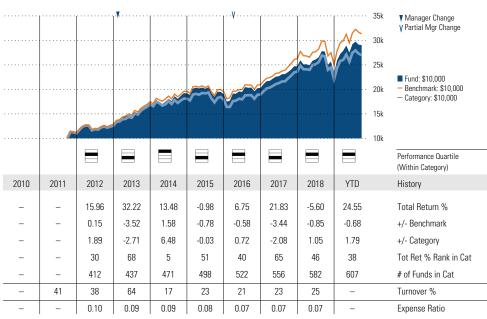
Management: The fund's management has been in place for 6.61 years.

Net Expense: The fund's expense ratio of 0.07 is 93.91% lower than the Mid-Cap Growth category average.

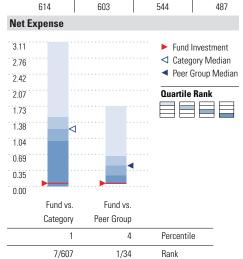
Morningstar Investment Management LLC Analysis

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.









3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.87	_	-0.54
Beta	0.93	_	0.99
R-Squared	98.27	_	90.62
Standard Deviation	13.54	14.38	15.09
Sharpe Ratio	0.83	0.91	0.83
Tracking Error	2.02	_	4.64
Information Ratio	-0.96	_	-0.30
Up Capture Ratio	90.33	_	97.41
Down Capture Ratio	93.94	_	100.52

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	29.92	25.90	30.85
Price/Book Ratio	4.45	6.19	4.91
Geom Avg Mkt Cap \$B	17.41	15.25	13.31
ROE	16.03	24.20	16.48



Vanguard Mid-Cap Growth Index Admiral VMGMX

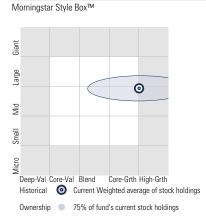
Morningstar Category

Mid-Cap Growth

Morningstar Index

Growth Russell Mid Cap Growth TR USD

Style Analysis as of 09-30-2019



Style Breakdown

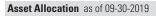
Equity

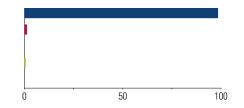
0	10	31	Large
2	20	36	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	0.30
Cash	0.48	2.95
Bonds	0.00	0.03
Non-US Stocks	1.16	4.06
US Stocks	98.35	92.66
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 09-3	30-2019														
		Fund	Bmark	Cat	Fun	d	▼ Be	nchma	rk [Cate	ory Av	erage				
<u></u>	Cyclical	31.90	27.23	32.68												
A	Basic Materials	3.24	1.97	2.95]										
A	Consumer Cyclical	10.73	17.18	15.59												
,	Financial Services	5.51	4.42	8.89		1										
fi	Real Estate	12.42	3.66	5.25												
W	Sensitive	50.96	54.12	46.82												
0	Communication Services	0.97	0.78	0.73	0											
•	Energy	5.34	1.27	1.50												
Ф	Industrials	16.39	20.81	16.20												
	Technology	28.26	31.26	28.39							.					
-	Defensive	17.14	18.64	20.51												
Ħ	Consumer Defensive	3.92	5.74	3.83		•										
+	Healthcare	12.99	12.90	15.96												
•	Utilities	0.23	0.00	0.72	i[]											
					0%	5	10	15	20	25	30	35	40	45	50	55

N	0/ 11 . 1	0 1 1 0/	\/TD D	M :
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Advanced Micro Devices Inc	1.51	1.51	57.04	Technology
⊕ ONEOK Inc	1.46	2.97	41.44	Energy
Twitter Inc Twitt	1.45	4.42	43.35	Technology
⊕ Amphenol Corp Class A	1.38	5.80	19.98	Technology
⊕ SBA Communications Corp	1.31	7.10	49.19	Real Estate
⊕ Dollar Tree Inc	1.30	8.40	26.40	Consumer Defensive
⊕ Digital Realty Trust Inc	1.30	9.70	24.87	Real Estate
⊕ TransDigm Group Inc	1.26	10.96	61.93	Industrials
⊕ IQVIA Holdings Inc	1.26	12.23	28.59	Healthcare
⊕ IHS Markit Ltd	1.22	13.45	39.42	Industrials
	1.19	14.64	54.42	Technology
∀ Verisk Analytics Inc	1.18	15.82	45.72	Industrials
⊕ Realty Income Corp	1.17	16.99	24.87	Real Estate
	1.16	18.15	24.55	Industrials
	1.16	19.31	13.89	Technology

Total Holdings 175



Vanguard Mid-Cap Value Index Admiral VMVAX

Morningstar Category Mid-Cap Value

Morningstar Index Russell Mid Cap Value TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

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

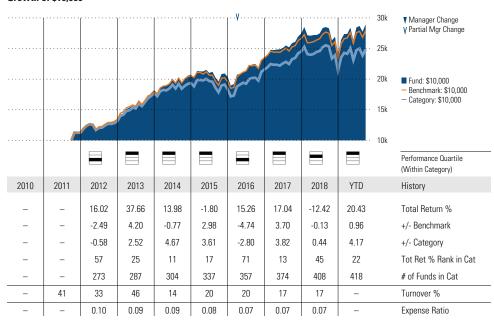
Style: The fund has landed in its primary style box — Mid-Cap Value — 100 % of the time over the past three

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

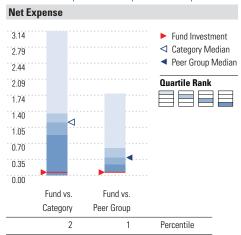
Morningstar Investment Management LLC Analysis

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

Growth of \$10,000







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

Rank

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

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



6/419

Vanguard Mid-Cap Value Index Admiral VMVAX

Morningstar Category

Mid-Cap Value

Morningstar Index Russell Mid Cap Value TR USD

Style Analysis as of 09-30-2019

Morningstar Style Box™



Style Breakdown

Equity

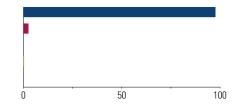
1. /			
8	10	4	Large
43	31	4	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





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

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

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

Total Holdings 203



Vanguard Real Estate Index Admiral VGSLX

Morningstar Category Real Estate Morningstar Index

S&P United States REIT TR USD

Portfolio Manager(s)

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

Quantitative Screens

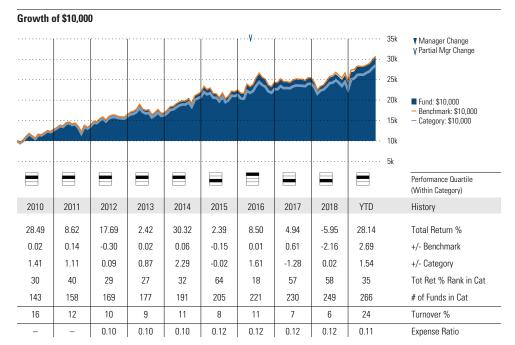
❷ Performance: The fund has finished in the Real Estate category's top three quartiles in 10 of the 10 years it's been in existence.

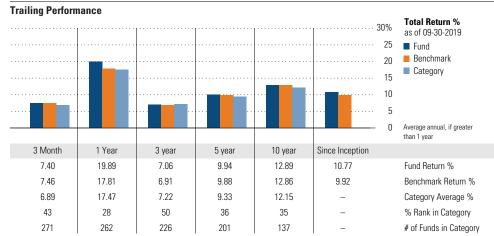
Management: The fund's management has been in place for 23.4 years.

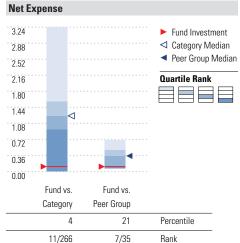
Net Expense: The fund's expense ratio of 0.11 is 90.35% lower than the Real Estate category average.

Morningstar Investment Management LLC Analysis

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







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

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



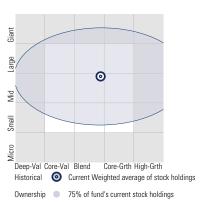
Vanguard Real Estate Index Admiral VGSLX

Morningstar Category Real Estate Morningstar Index

S&P United States REIT TR USD

Style Analysis as of 09-30-2019

Morningstar Style Box™



Style Breakdown

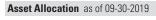
Equity

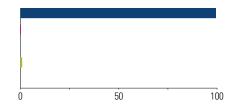
6	24	19	Large
9	25	6	MIN
4	5	2	SIIIdii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





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

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

Top 15 Holdings as of 09-30-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Real Estate II Index	11.09	11.09	_	_
⊕ American Tower Corp	6.83	17.92	41.54	Real Estate
⊕ Crown Castle International Corp	4.04	21.96	31.07	Real Estate
⊕ Prologis Inc	3.76	25.72	47.84	Real Estate
⊕ Equinix Inc	3.39	29.11	65.70	Real Estate
⊕ Simon Property Group Inc	3.36	32.47	-3.65	Real Estate
⊕ Public Storage	2.69	35.16	24.14	Real Estate
Welltower Inc ■ Welltower Inc ■ Welltower Inc ■ Welltower Inc ■ Welltower Inc ■ Welltower Inc ■ Welltower Inc ■ Welltower Inc ■ Welltower Inc ■ Welltower Inc Wel	2.57	37.73	34.36	Real Estate
⊕ Equity Residential	2.23	39.96	33.26	Real Estate
⊕ AvalonBay Communities Inc	2.10	42.06	26.34	Real Estate
⊕ SBA Communications Corp	1.91	43.97	49.19	Real Estate
⊕ Digital Realty Trust Inc	1.85	45.81	24.87	Real Estate
∀ Ventas Inc	1.83	47.64	28.70	Real Estate
⊕ Realty Income Corp	1.70	49.34	24.87	Real Estate
⊕ Essex Property Trust Inc	1.50	50.84	35.60	Real Estate

Total Holdings 185



Vanguard Total Bond Market Index Adm VBTLX

Morningstar Category Intermediate Core Bond Morningstar Index

Expense Ratio

Core Bond BBgBarc US Agg Bond TR USD

Portfolio Manager(s)

Joshua Barrickman since 02-2013

Quantitative Screens

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

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

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.05 is 92.42% 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.

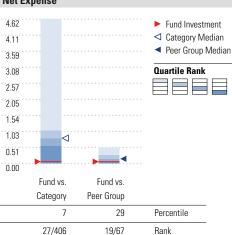




0.05

0.05

0.05



0.10

0.08

0.07

0.06

•			
	Fund	Bmark	Cat
Alpha	-0.10	_	-0.10
Beta	1.03	_	0.92
R-Squared	99.26	_	95.86
Standard Deviation	3.45	3.35	3.12
Sharpe Ratio	0.39	0.41	0.31
Tracking Error	0.31	_	0.66
Information Ratio	-0.08	_	-0.69
Up Capture Ratio	100.08	_	90.62
Down Capture Ratio	100.96	_	93.22

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.20	4.43	5.41
Avg Eff Maturity	8.30	_	7.00

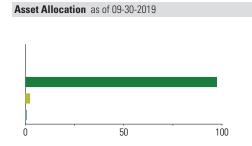


Vanguard Total Bond Market Index Adm VBTLX

Morningstar Category Intermediate Core Bond Morningstar Index

BBgBarc US Agg Bond TR USD





Total	100.00	100.00
Other	0.51	1.79
Cash	2.20	-2.35
Bonds	97.29	100.71
Non-US Stocks	0.00	0.00
US Stocks	0.00	-0.15
Asset Class	Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	67.68	3.53	41.28
AA	3.45	74.59	12.11
A	11.15	10.82	25.80
BBB	17.72	8.32	15.44
BB	0.00	0.28	3.70
В	0.00	0.00	0.74
Below B	0.00	0.00	0.35
Not Rated	0.00	2.46	0.58

	Fund	Descrit:	Cat	Fund	- D	chmark	П c-	tono:-	A., a	~~			
	Fund	Bmark	Cat	Fund	• Ben	icnmark	ll Ca	tegory	Avera	ge			
Government	46.84	-	32.50		:	:	:	- :	- :	J	:	- :	
Treasury	42.86	-	21.91										
Inflation – Protected	0.00	_	1.75										
Agency/Quasi Agency	2.62	-	1.79										
Other Government Related	1.36	-	7.05										
Corporate	26.43	_	26.21										
Corporate Bond	25.92	_	25.23										
Bank Loan	0.00	_	0.16										
Convertible	0.51	_	0.77										
Preferred	0.00	_	0.05	ĺ									
Securitized	23.92	-	35.73										
Agency MBS Pass-Through	21.31	_	23.75										
Agency MBS ARM	0.05	_	0.20										
Agency MBS CMO	0.81	_	5.04										
Non-Agency Residential MBS	0.00	-	0.44										
Commercial MBS	1.22	_	0.78	0									
Asset-Backed	0.48	_	5.47										
Covered Bond	0.05	_	0.05										
Municipal	0.63	_	0.77	0									
Cash & Equivalents	2.20	_	3.63										
Other	0.00	_	1.15	i []									

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Cmt Market Liquidity Rate	_	2.19	2.19	_
€ Federal National Mortgage Association 3.5%	10-2049	0.44	2.63	_
United States Treasury Notes 2.88%	08-2028	0.42	3.06	_
€ United States Treasury Notes 2%	05-2024	0.41	3.47	_
United States Treasury Notes 2.12%	05-2025	0.41	3.88	-
Federal National Mortgage Association 3%	10-2049	0.41	4.28	_
United States Treasury Notes 2.12%	03-2024	0.40	4.68	_
United States Treasury Notes 3.12%	11-2028	0.40	5.08	_
United States Treasury Notes 1.75%	02-2022	0.39	5.48	_
United States Treasury Notes 1.62%	05-2026	0.38	5.85	_

Total Holdings 17498



Vanguard Total World Stock Index Admiral VTWAX

Morningstar Category World Large Stock

Morningstar Index

MSCI ACWI Ex USA NR USD

Portfolio Manager(s)

Christine Franquin since 02-2013 Scott Geiger since 11-2017

Quantitative Screens

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

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

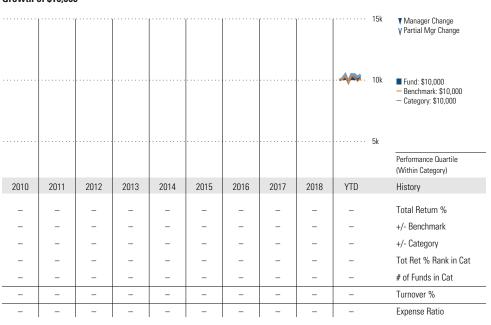
Style: The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

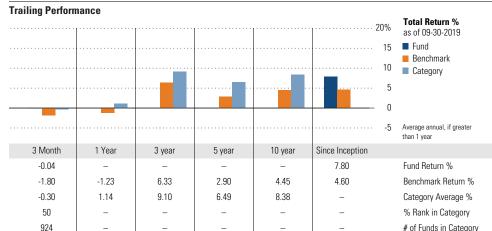
The Expense screen is not applicable for funds without data.

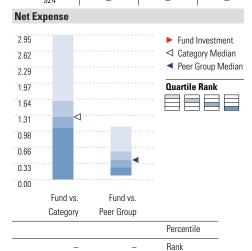
Morningstar Investment Management LLC Analysis

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

Growth of \$10,000







3-Year KISK Metrics			
	Fund	Bmark	Cat
Alpha	_	_	3.15
Beta	_	_	0.92
R-Squared	_	_	79.32
Standard Deviation	_	11.45	11.84
Sharpe Ratio	_	0.45	0.66
Tracking Error	_	_	5.63
Information Ratio	_	_	0.49
Up Capture Ratio	_	_	96.71
Down Capture Ratio	_	_	76.45

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.31	14.87	19.09
Price/Book Ratio	2.08	1.57	2.39
Geom Avg Mkt Cap \$B	42.20	33.84	72.37
ROE	20.11	16.14	21.82

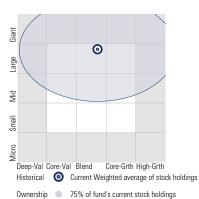


Vanguard Total World Stock Index Admiral VTWAX

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

Style Analysis as of 09-30-2019

Morningstar Style Box™





Equity

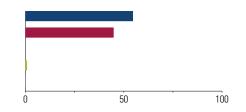
26	25	25	Large
6	6	6	Mid
2	2	2	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

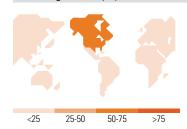
Asset Allocation as of 09-30-2019



Total	100.00	100.00
Other	0.07	0.73
Cash	0.65	2.39
Bonds	0.00	0.26
Non-US Stocks	44.72	42.60
US Stocks	54.56	54.02
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	,	Bench	mark	Cated	gory Ave	rane			
Դ	Cyclical	38.94	43.59	36.55	Turiu		Defici	indik	ll outcé	Joly Ave	rage			7
<u>.</u>	Basic Materials	5.12	7.74	4.22		ni i	7						_	
A	Consumer Cyclical	11.87	10.98	12.39		1	•							
÷	Financial Services	17.62	21.61	17.36					j '					
A	Real Estate	4.33	3.26	2.58										
M	Sensitive	38.22	34.08	38.95					- :			7:		
	Communication Services	3.39	4.11	2.94		Ψ.								
ð	Energy	5.20	6.84	4.23			' i _							
Ф	Industrials	11.17	11.09	12.16										
	Technology	18.46	12.04	19.62			- 1			_ :				
→	Defensive	22.83	22.31	24.52										
=	Consumer Defensive	8.42	10.32	8.83			= [
٠	Healthcare	11.00	8.64	12.61]						
•	Utilities	3.41	3.35	3.08										

World Regions % Equity 09-30-2019



Greater Asia	Fund % 19.98	Cat % 15.65
Japan	7.72	5.80
Australasia	2.14	1.03
Asia-4 Tigers	4.29	3.59
Asia-ex 4 Tigers	5.83	5.23
Not Classified	0.00	0.00

Americas	Fund % 59.50	Cat % 59.15	Greater Europe	Fund % 20.51	Cat % 25.20	Market Maturity	Fund %
North America	58.08	58.18	United Kingdom	5.10	6.77	Developed Markets	91.18
Central/Latin	1.42	0.97	W euro-ex UK	13.37	17.64	Emerging Markets	8.82
			Emrgng Europe	0.82	0.29	Not Available	0.00
			Africa	1.22	0.50		

Top 10 Holdings as of 09-30-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	1.99	1.99	38.24	Technology
	1.91	3.89	43.43	Technology
	1.35	5.24	15.58	Consumer Cyclical
	0.80	6.04	35.85	Technology
	0.70	6.75	23.02	Financial Services
	0.70	7.45	16.86	Technology
Alphabet Inc Class C	0.69	8.13	17.71	Technology
⊖ Johnson & Johnson	0.65	8.78	2.43	Healthcare
	0.64	9.42	_	-
○ Nestle SA	0.59	10.01	38.76	Consumer Defensive

Total Holdings 8168

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

