

# American Funds Growth Fund of Amer R6 RGAGX

**Morningstar Category**  
Large Growth

**Morningstar Index**  
Russell 1000 Growth TR USD

## Portfolio Manager(s)

Donald O'Neal since 11-1993  
 J. Frank since 11-2001  
 Barry Crosthwaite since 11-2007  
 Lawrence Solomon since 05-2010  
 Martin Romo since 11-2010  
 Carl Kawaja since 11-2010  
 Mark Casey since 11-2012  
 Alan Wilson since 11-2012  
 Anne-Marie Peterson since 07-2013  
 Christopher Buchbinder since 11-2013  
 Jody Jonsson since 03-2016  
 Alex Popa since 10-2016  
 Andraz Razen since 03-2020

## Quantitative Screens

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

**Management:** The fund's management has been in place for 26.93 years.

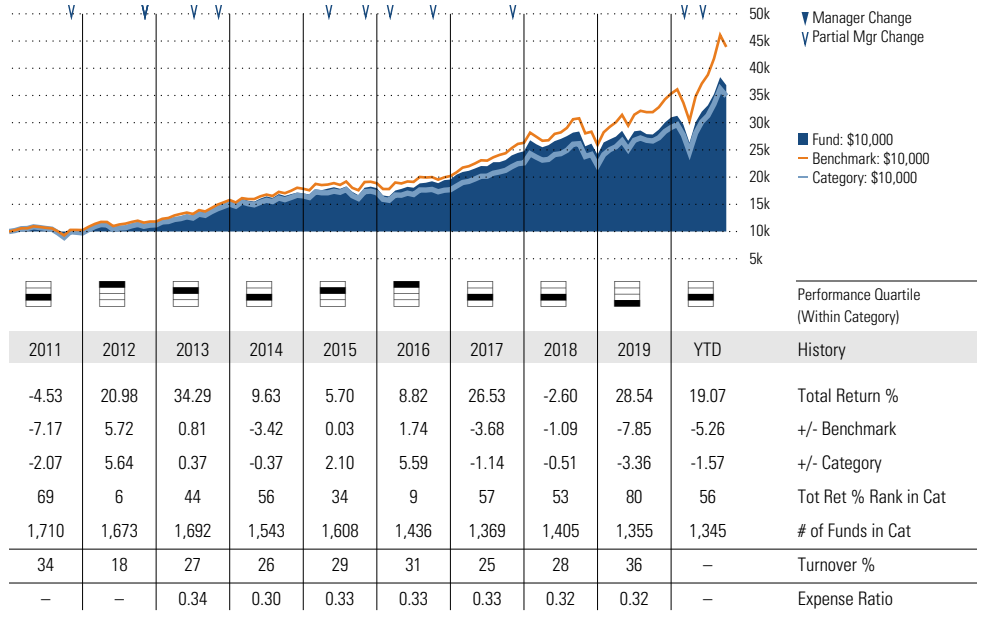
**Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

**Net Expense:** The fund's expense ratio of 0.31 is 69.31% lower than the Large Growth category average.

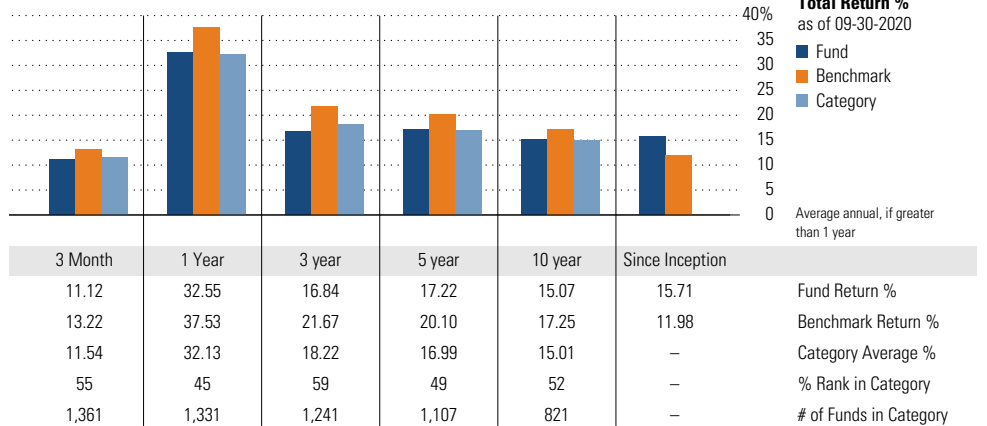
## Morningstar Investment Management LLC Analysis

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

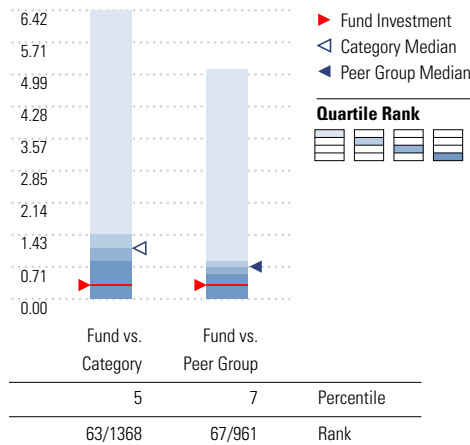
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-3.13	-	-2.17
Beta	0.95	-	0.97
R-Squared	96.58	-	93.87
Standard Deviation	18.40	19.05	19.20
Sharpe Ratio	0.85	1.04	0.89
Tracking Error	3.53	-	4.70
Information Ratio	-1.37	-	-0.84
Up Capture Ratio	88.82	-	92.45
Down Capture Ratio	99.74	-	99.78

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	34.61	33.32	33.48
Price/Book Ratio	5.35	9.12	7.43
Geom Avg Mkt Cap \$B	130.42	190.12	255.68
ROE	18.39	32.08	31.18

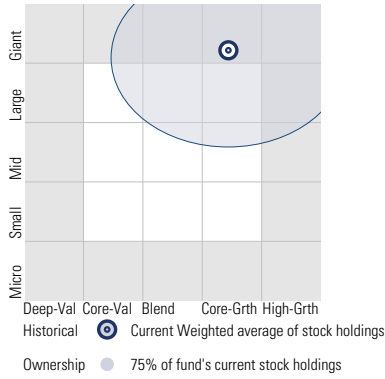
# American Funds Growth Fund of Amer R6 RGAGX

**Morningstar Category**  
Large Growth

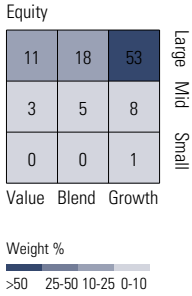
**Morningstar Index**  
Russell 1000 Growth TR USD

## Style Analysis as of 09-30-2020

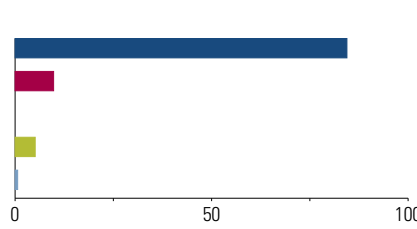
Morningstar Style Box™



## Style Breakdown

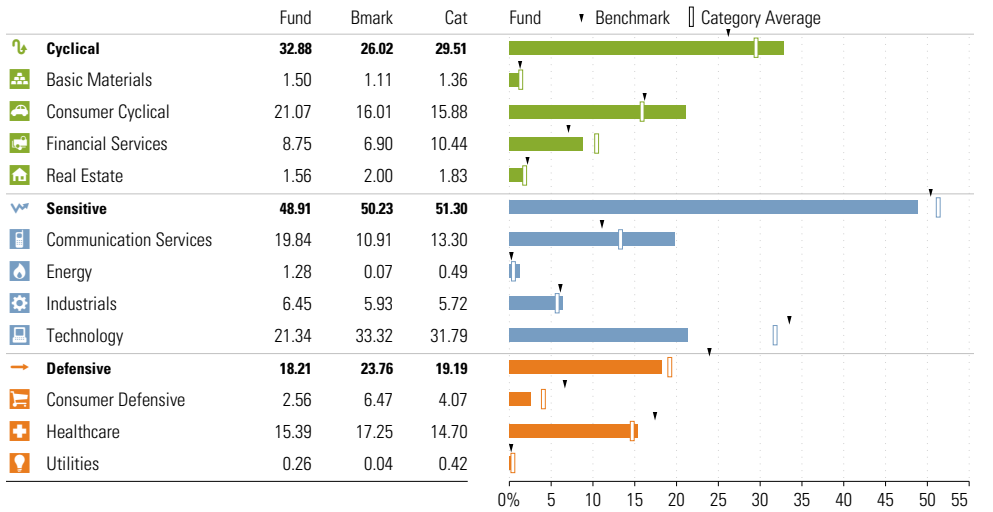


## Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	84.43	92.02
Non-US Stocks	9.80	5.82
Bonds	0.00	0.03
Cash	5.11	1.61
Other	0.65	0.50
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020



## Top 15 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Facebook Inc A	5.69	5.69	27.60	Communication Svc
Netflix Inc	5.59	11.28	54.54	Communication Svc
Amazon.com Inc	5.52	16.80	70.40	Consumer Cyclical
Capital Group Central Cash Fund	5.23	22.03	-	-
Tesla Inc	5.08	27.12	412.77	Consumer Cyclical
Microsoft Corp	5.00	32.12	34.34	Technology
UnitedHealth Group Inc	2.07	34.19	7.27	Healthcare
Alphabet Inc Class C	1.97	36.16	9.92	Communication Svc
Mastercard Inc A	1.89	38.06	13.66	Financial Services
Broadcom Inc	1.77	39.83	18.37	Technology
Thermo Fisher Scientific Inc	1.42	41.25	36.11	Healthcare
PayPal Holdings Inc	1.24	42.49	82.15	Financial Services
Alphabet Inc A	1.24	43.73	9.42	Communication Svc
Abbott Laboratories	1.17	44.90	26.54	Healthcare
Charter Communications Inc A	1.16	46.06	28.71	Communication Svc

**Total Holdings 379**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# DFA International Value I DFIVX

**Morningstar Category**  
Foreign Large Value

**Morningstar Index**  
MSCI EAFE NR USD

## Portfolio Manager(s)

Jed Fogdall since 02-2010  
Bhanu Singh since 07-2015  
Mary Phillips since 07-2015  
Arun Keswani since 02-2020

## Quantitative Screens

✗ **Performance:** The fund has finished in the Foreign Large Value category's top three quartiles in 6 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 10.59 years.

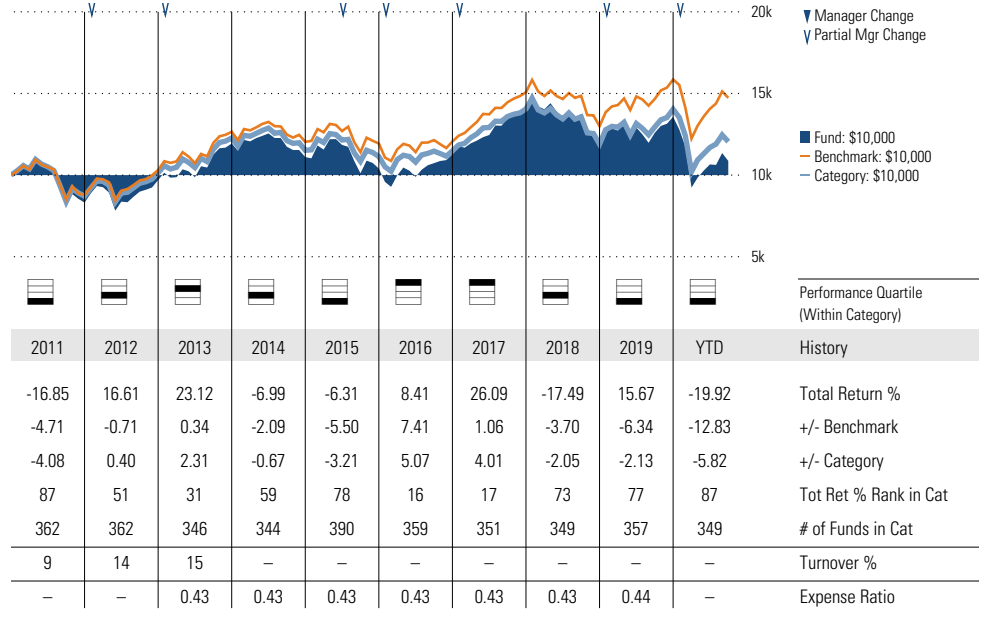
✔ **Style:** The fund has landed in its primary style box — Large Value — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.39 is 63.21% lower than the Foreign Large Value category average.

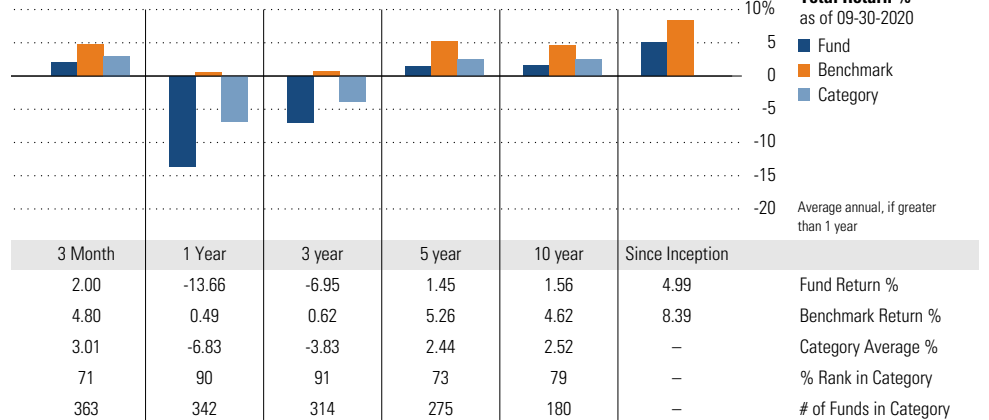
## Morningstar Investment Management LLC Analysis

This fund fails the performance consistency screen. The fund has a deeper-value tilt and somewhat smaller-cap positioning than most of its category peers, which can lead it to rank near the top or bottom of its category as these styles come in and out of favor. It's style has been consistent though and we are not concerned about this screen failure.

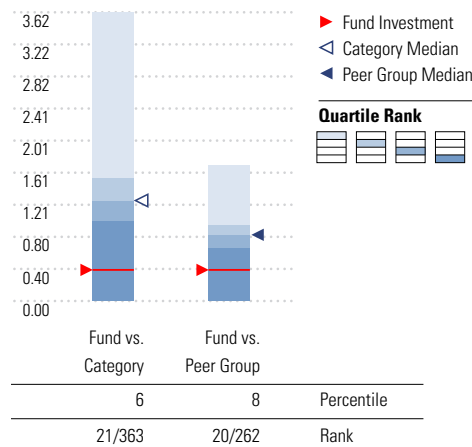
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-7.37	-	-4.56
Beta	1.27	-	1.10
R-Squared	94.37	-	93.16
Standard Deviation	20.12	15.45	17.57
Sharpe Ratio	-0.33	0.01	-0.23
Tracking Error	6.29	-	4.99
Information Ratio	-1.20	-	-1.01
Up Capture Ratio	107.20	-	95.81
Down Capture Ratio	143.38	-	118.15

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	13.68	19.92	14.64
Price/Book Ratio	0.81	1.54	1.00
Geom Avg Mkt Cap \$B	23.63	36.00	29.55
ROE	4.36	12.77	9.40

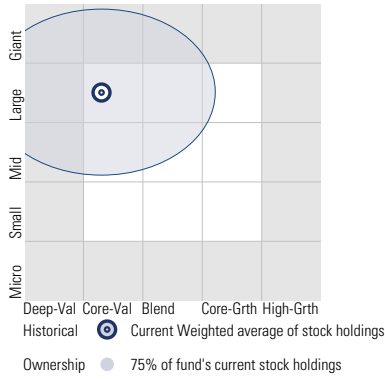
# DFA International Value I DFIVX

**Morningstar Category**  
Foreign Large Value

**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 09-30-2020

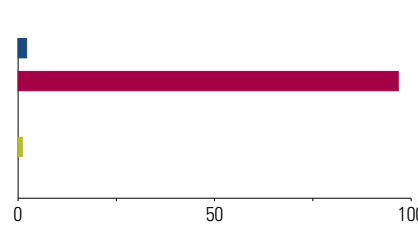
Morningstar Style Box™



## Style Breakdown

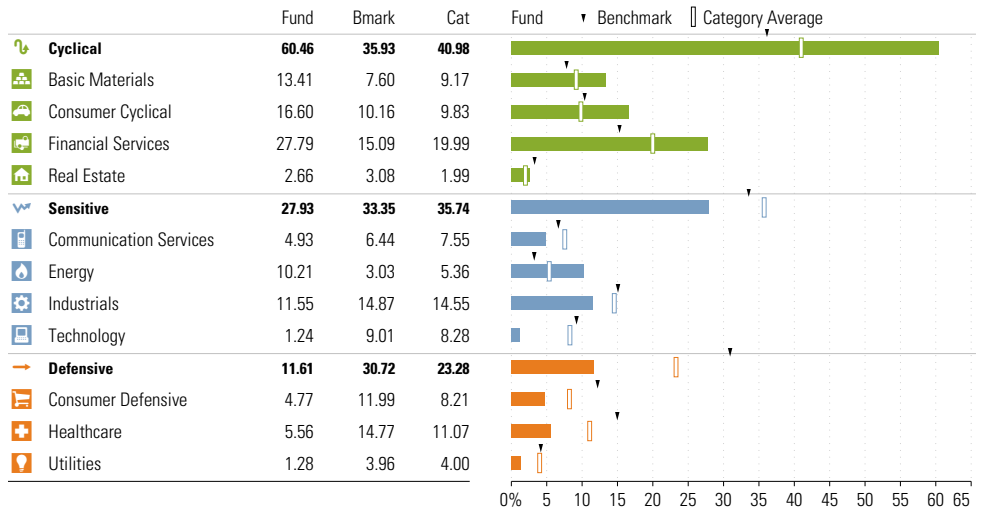


## Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	2.18	3.62
Non-US Stocks	96.73	94.66
Bonds	0.00	0.24
Cash	1.08	1.40
Other	0.00	0.09
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020



## World Regions % Equity 09-30-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %
Greater Asia	33.12	33.75	Americas	8.76	6.09	Greater Europe	58.13	60.16	Market Maturity	Fund %
Japan	23.42	19.08	North America	8.76	5.29	United Kingdom	11.88	16.23	Developed Markets	99.68
Australasia	6.15	3.05	Central/Latin	0.00	0.80	W euro-ex UK	45.86	43.05	Emerging Markets	0.32
Asia-4 Tigers	3.23	7.74				Emrgng Europe	0.00	0.40	Not Available	0.00
Asia-ex 4 Tigers	0.32	3.88				Africa	0.39	0.48		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Total SE	2.60	2.60	-35.20	Energy
⊖ Toyota Motor Corp	2.34	4.94	-8.58	Consumer Cyclical
⊖ Daimler AG	1.58	6.52	-4.93	Consumer Cyclical
⊖ Zurich Insurance Group AG	1.57	8.10	-14.20	Financial Services
⊕ Novartis AG	1.49	9.59	-9.84	Healthcare
⊖ Koninklijke Ahold Delhaize NV	1.49	11.08	17.56	Consumer Defensive
⊕ Royal Dutch Shell PLC ADR Class B	1.40	12.48	-56.98	Energy
⊖ Volkswagen AG Participating Preferred	1.12	13.59	-22.04	Consumer Cyclical
⊖ Honda Motor Co Ltd	1.11	14.71	-18.57	Consumer Cyclical
⊖ Vestas Wind Systems A/S	1.08	15.79	54.18	Industrials

**Total Holdings 557**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# DFA US Core Equity 1 I DFEQX

**Morningstar Category**  
Large Blend

**Morningstar Index**  
S&P 500 TR USD

## Portfolio Manager(s)

Jed Fogdall 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 in existence.

✔ **Management:** The fund's management has been in place for 8.59 years.

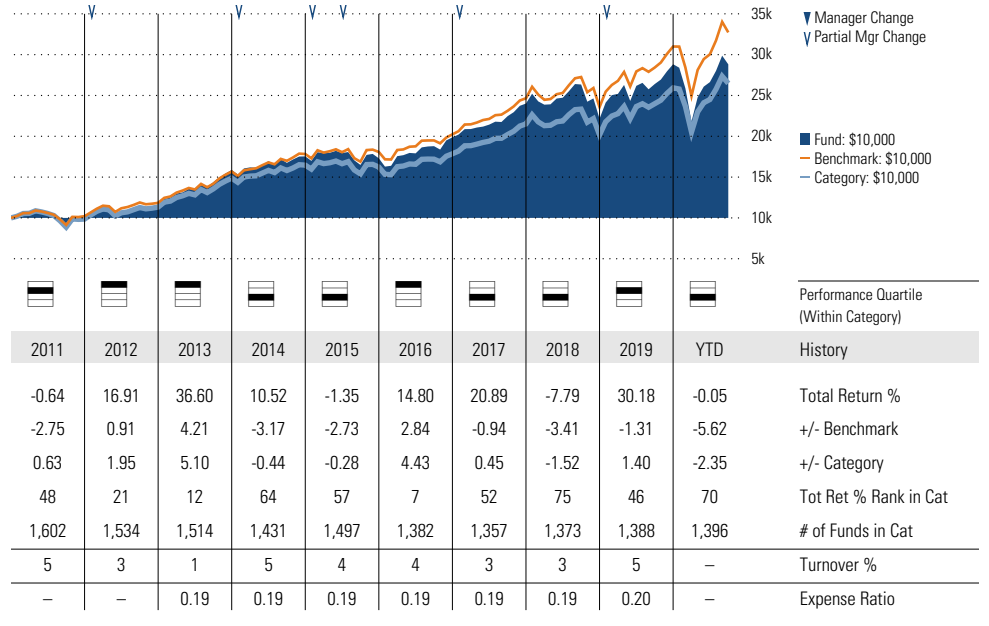
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.17 is 80% lower than the Large Blend category average.

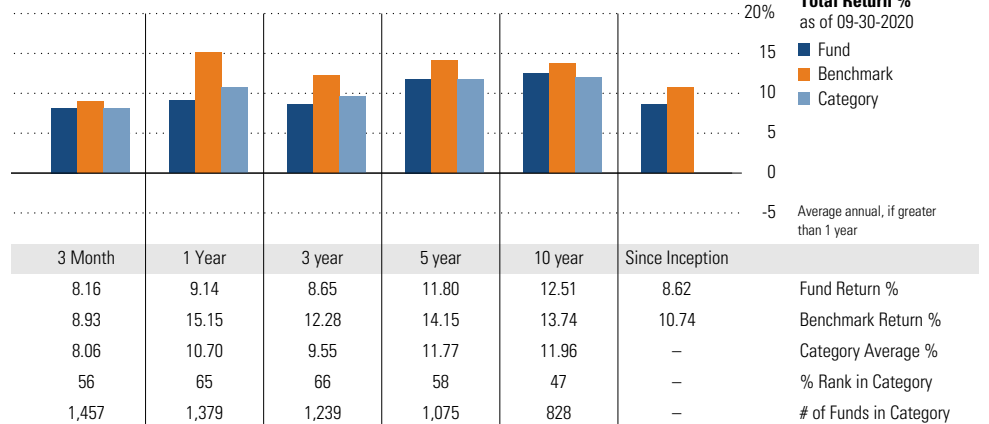
## Morningstar Investment Management LLC Analysis

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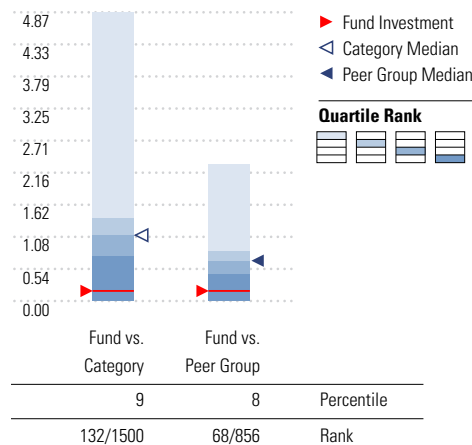
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-4.30	-	-2.29
Beta	1.10	-	0.97
R-Squared	98.63	-	95.59
Standard Deviation	19.74	17.74	17.56
Sharpe Ratio	0.44	0.65	0.51
Tracking Error	2.97	-	3.57
Information Ratio	-1.22	-	-1.28
Up Capture Ratio	100.27	-	91.12
Down Capture Ratio	117.22	-	100.00

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	23.48	25.90	24.36
Price/Book Ratio	2.95	3.55	3.50
Geom Avg Mkt Cap \$B	59.67	156.62	220.30
ROE	23.13	27.32	29.32

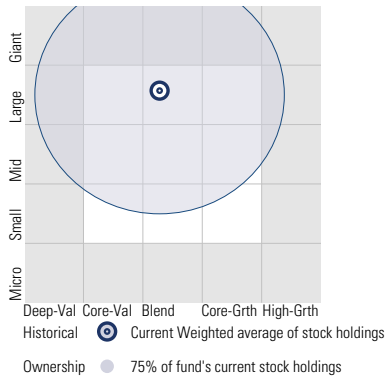
# DFA US Core Equity 1 I DFEOX

**Morningstar Category**  
Large Blend

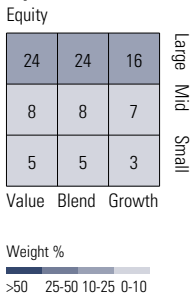
**Morningstar Index**  
S&P 500 TR USD

## Style Analysis as of 09-30-2020

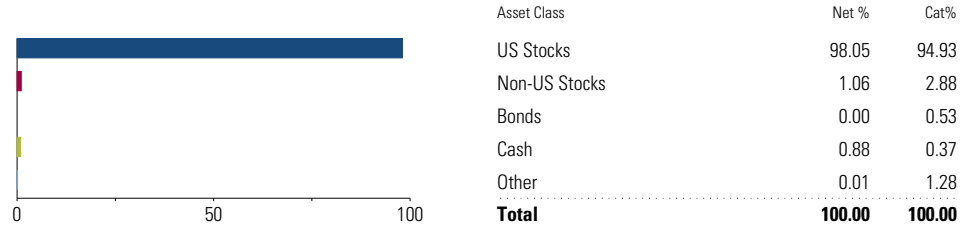
Morningstar Style Box™



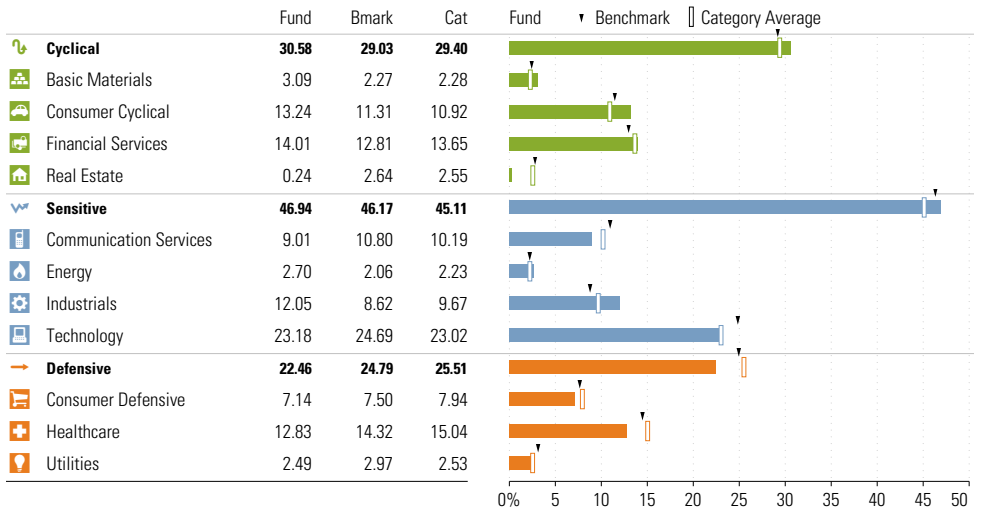
## Style Breakdown



## Asset Allocation as of 09-30-2020



## Sector Weighting as of 09-30-2020



## Top 15 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Apple Inc	5.74	5.74	58.57	Technology
Microsoft Corp	3.95	9.69	34.34	Technology
Amazon.com Inc	3.31	13.00	70.40	Consumer Cyclical
Facebook Inc A	1.64	14.64	27.60	Communication Svc
S+p500 Emini Fut Sep20 Xcme 20200918	1.09	15.73	-	-
Johnson & Johnson	1.09	16.82	4.10	Healthcare
Verizon Communications Inc	1.08	17.90	-0.11	Communication Svc
JPMorgan Chase & Co	0.95	18.85	-29.00	Financial Services
Ssc Government Mm Gvmxx	0.95	19.80	-	-
Mastercard Inc A	0.91	20.70	13.66	Financial Services
Berkshire Hathaway Inc Class B	0.90	21.60	-5.99	Financial Services
Visa Inc Class A	0.87	22.47	6.90	Financial Services
Procter & Gamble Co	0.83	23.30	13.14	Consumer Defensive
Alphabet Inc Class C	0.79	24.09	9.92	Communication Svc
Intel Corp	0.79	24.88	-11.83	Technology

**Total Holdings 2641**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# DFA US Large Cap Value I DFLVX

Morningstar Category  
Large Value

Morningstar Index  
Russell 1000 Value TR USD

## Portfolio Manager(s)

Jed Fogdall since 02-2012  
Lukas Smart since 07-2015  
Joel Schneider since 02-2019

## Quantitative Screens

**Performance:** The fund has finished in the Large 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 8.59 years.

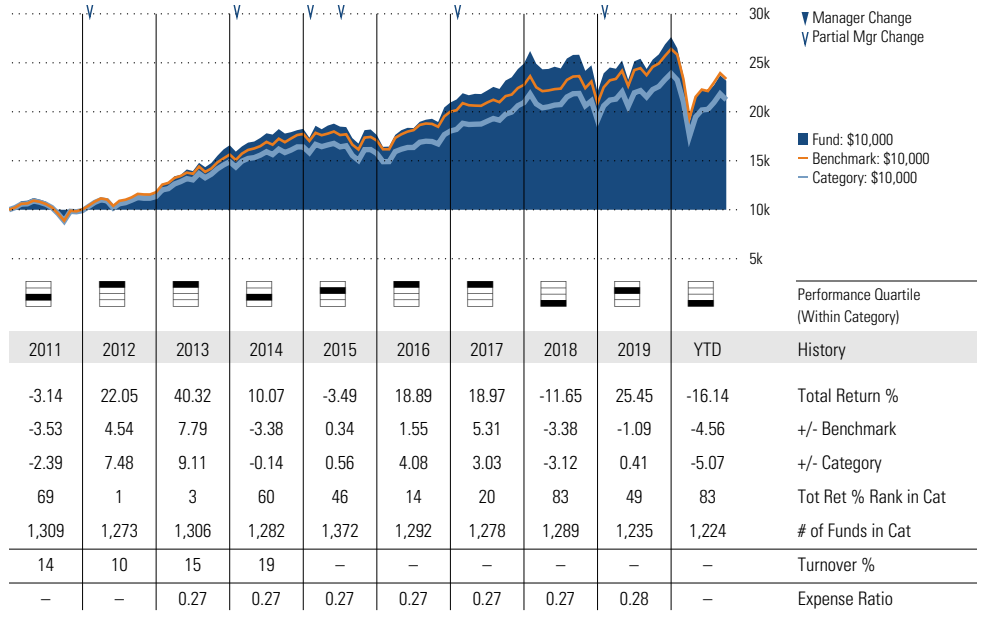
**Style:** The fund has landed in its primary style box — Large Value — 100 % of the time over the past three years.

**Net Expense:** The fund's expense ratio of 0.26 is 72.34% lower than the Large Value category average.

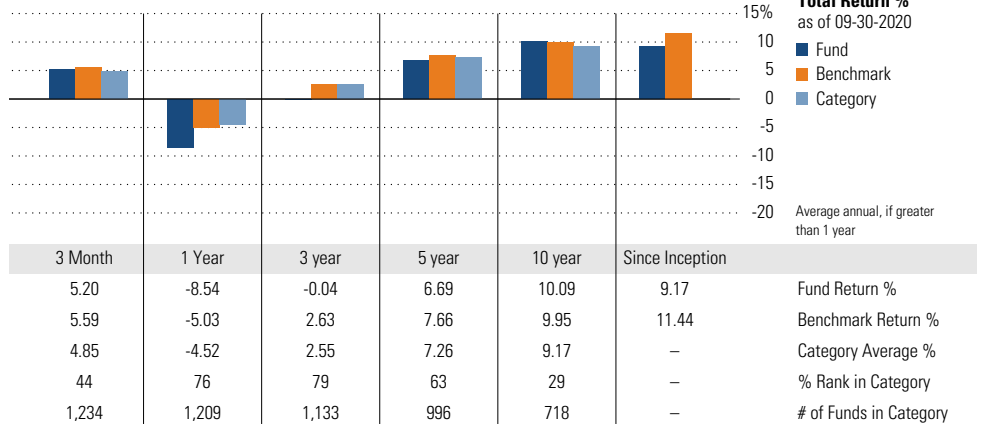
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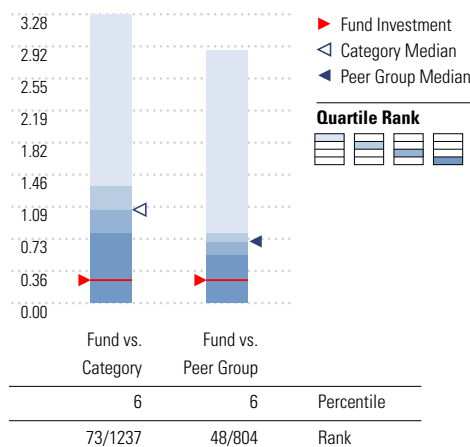
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-2.69	-	-0.21
Beta	1.14	-	0.99
R-Squared	99.02	-	96.08
Standard Deviation	21.09	18.33	18.50
Sharpe Ratio	0.03	0.15	0.14
Tracking Error	3.38	-	3.93
Information Ratio	-0.79	-	-0.07
Up Capture Ratio	107.05	-	99.08
Down Capture Ratio	119.04	-	100.37

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.16	21.67	19.07
Price/Book Ratio	1.57	2.42	1.79
Geom Avg Mkt Cap \$B	54.94	64.52	92.25
ROE	9.30	17.16	15.63

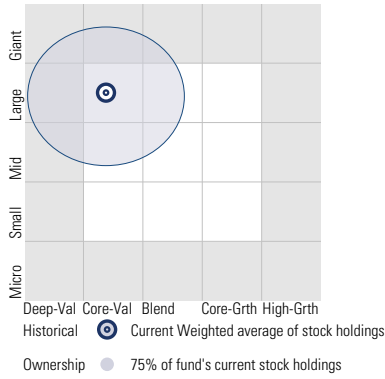
# DFA US Large Cap Value I DFLVX

Morningstar Category  
Large Value

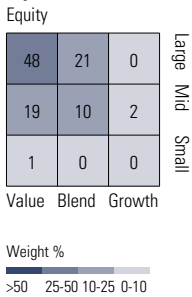
Morningstar Index  
Russell 1000 Value TR USD

## Style Analysis as of 09-30-2020

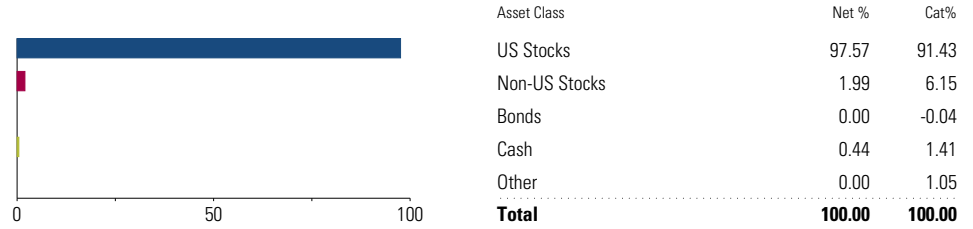
Morningstar Style Box™



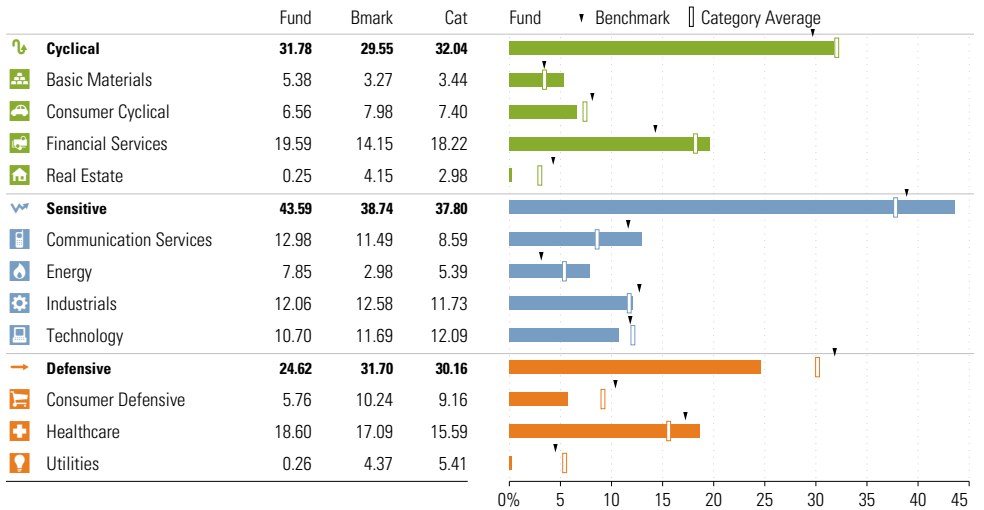
## Style Breakdown



## Asset Allocation as of 09-30-2020



## Sector Weighting as of 09-30-2020



## Top 15 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Comcast Corp Class A	3.50	3.50	4.36	Communication Svc
Intel Corp	3.41	6.92	-11.83	Technology
AT&T Inc	3.30	10.21	-23.06	Communication Svc
Pfizer Inc	3.26	13.47	-3.42	Healthcare
JPMorgan Chase & Co	2.70	16.17	-29.00	Financial Services
Charter Communications Inc A	2.33	18.50	28.71	Communication Svc
Berkshire Hathaway Inc Class B	2.26	20.76	-5.99	Financial Services
Chevron Corp	2.13	22.90	-37.04	Energy
Exxon Mobil Corp	1.92	24.82	-47.06	Energy
Thermo Fisher Scientific Inc	1.88	26.70	36.11	Healthcare
Anthem Inc	1.49	28.19	-10.13	Healthcare
Walmart Inc	1.47	29.67	19.09	Consumer Defensive
CVS Health Corp	1.42	31.08	-19.37	Healthcare
The Walt Disney Co	1.40	32.48	-14.21	Communication Svc
Citigroup Inc	1.37	33.85	-44.12	Financial Services

Total Holdings 345

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Federated Hermes Govt Ultrashort 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

✔ **Performance:** The fund has finished in the Ultrashort Bond category's top three quartiles in 3 of the 4 years it's been in existence.

✔ **Management:** The fund's management has been in place for 23.24 years.

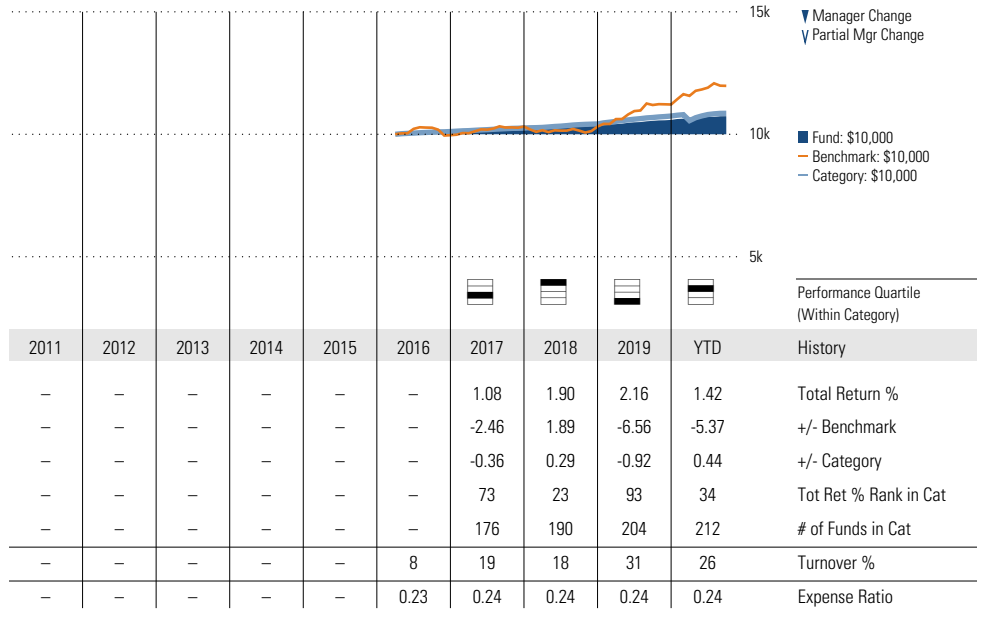
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.24 is 46.67% lower than the Ultrashort Bond category average.

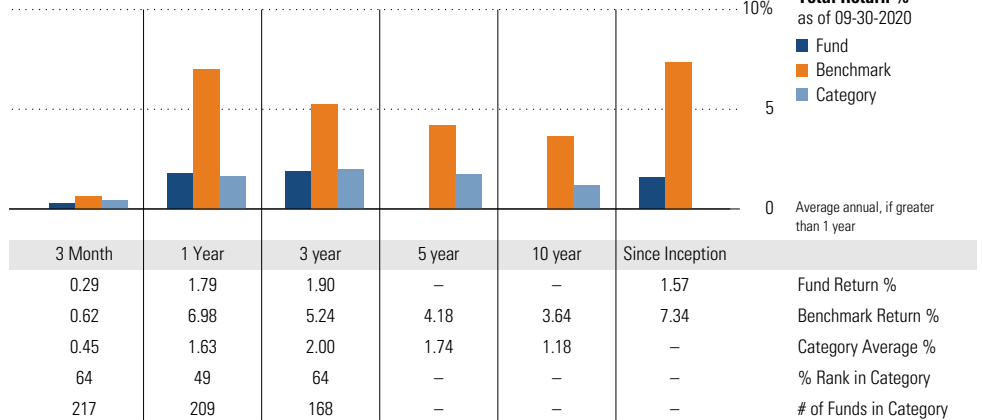
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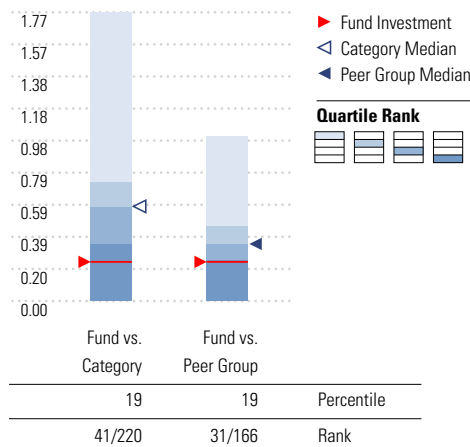
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.57	-	1.16
Beta	0.06	-	0.16
R-Squared	19.41	-	12.03
Standard Deviation	0.46	3.37	1.81
Sharpe Ratio	0.58	1.07	0.24
Tracking Error	3.19	-	3.48
Information Ratio	-1.05	-	-0.96
Up Capture Ratio	19.09	-	29.17
Down Capture Ratio	-21.22	-	8.85

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	0.85	4.43	0.96
Avg Eff Maturity	2.68	-	3.12

# Federated Hermes Govt Ultrashort R6 FGULX

**Morningstar Category**  
Ultrashort Bond

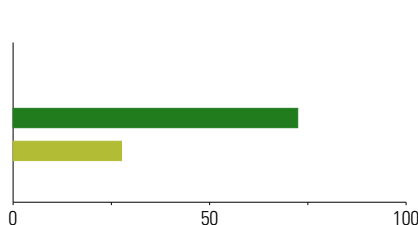
**Morningstar Index**  
BBgBarc US Agg Bond TR USD

## Style Analysis as of 09-30-2020

### Style Breakdown



## Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	0.00	0.08
Non-US Stocks	0.00	0.02
Bonds	72.42	69.26
Cash	27.58	28.35
Other	0.00	2.29
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	100.00	3.53	34.40
AA	0.00	74.59	11.24
A	0.00	10.82	25.82
BBB	0.00	8.32	17.73
BB	0.00	0.28	3.02
B	0.00	0.00	1.31
Below B	0.00	0.00	0.66
Not Rated	0.00	2.46	5.82

## Sector Weighting as of 09-30-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Government</b>	<b>11.33</b>	-	<b>12.21</b>	[Bar chart showing Government sector weighting]		
Treasury	1.93	-	3.96	[Bar chart showing Treasury weighting]		
Inflation – Protected	0.00	-	0.05	[Bar chart showing Inflation – Protected weighting]		
Agency/Quasi Agency	9.40	-	1.41	[Bar chart showing Agency/Quasi Agency weighting]		
Other Government Related	0.00	-	6.79	[Bar chart showing Other Government Related weighting]		
<b>Corporate</b>	<b>0.00</b>	-	<b>34.09</b>	[Bar chart showing Corporate sector weighting]		
Corporate Bond	0.00	-	31.41	[Bar chart showing Corporate Bond weighting]		
Bank Loan	0.00	-	0.59	[Bar chart showing Bank Loan weighting]		
Convertible	0.00	-	2.09	[Bar chart showing Convertible weighting]		
Preferred	0.00	-	0.00	[Bar chart showing Preferred weighting]		
<b>Securitized</b>	<b>61.08</b>	-	<b>23.27</b>	[Bar chart showing Securitized sector weighting]		
Agency MBS Pass-Through	0.08	-	1.13	[Bar chart showing Agency MBS Pass-Through weighting]		
Agency MBS ARM	0.34	-	0.39	[Bar chart showing Agency MBS ARM weighting]		
Agency MBS CMO	60.66	-	1.26	[Bar chart showing Agency MBS CMO weighting]		
Non-Agency Residential MBS	0.00	-	0.40	[Bar chart showing Non-Agency Residential MBS weighting]		
Commercial MBS	0.00	-	4.13	[Bar chart showing Commercial MBS weighting]		
Asset-Backed	0.00	-	15.91	[Bar chart showing Asset-Backed weighting]		
Covered Bond	0.00	-	0.05	[Bar chart showing Covered Bond weighting]		
<b>Municipal</b>	<b>0.00</b>	-	<b>2.79</b>	[Bar chart showing Municipal sector weighting]		
<b>Cash &amp; Equivalents</b>	<b>27.58</b>	-	<b>27.50</b>	[Bar chart showing Cash & Equivalents weighting]		
<b>Other</b>	<b>0.00</b>	-	<b>0.06</b>	[Bar chart showing Other weighting]		

## Top 10 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Bofam Repo 1 Repo	07-2020	12.65	12.65	-
⊕ Bmcap Repo 6 Repo	07-2020	9.90	22.56	-
⊖ Federal National Mortgage Association 0.68%	08-2059	4.15	26.71	-
⊕ FHLMC Pc Prepay Prm 30 0.63%	09-2049	3.53	30.24	-
⊖ Federal Home Loan Mortgage Corporation 0.63%	01-2050	3.03	33.27	-
⊕ Federal National Mortgage Association 0.63%	06-2050	2.86	36.13	-
⊕ Federal National Mortgage Association 0.58%	07-2049	2.60	38.72	-
⊖ Government National Mortgage Association 2.26%	03-2067	2.53	41.25	-
⊖ Federal National Mortgage Association 0.53%	10-2058	2.40	43.65	-
⊖ Government National Mortgage Association 0.82%	02-2065	2.39	46.05	-

**Total Holdings 253**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Loomis Sayles Core Plus Bond N NERNX

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

## Portfolio Manager(s)

Peter Palfrey since 12-1996  
 Richard Raczkowski since 05-1999  
 Ian Anderson since 02-2020  
 Barath Sankaran since 02-2020

## Quantitative Screens

✔ **Performance:** The fund has finished in the Intermediate Core-Plus Bond category's top three quartiles in 6 of the 7 years it's been in existence.

✔ **Management:** The fund's management has been in place for 23.76 years.

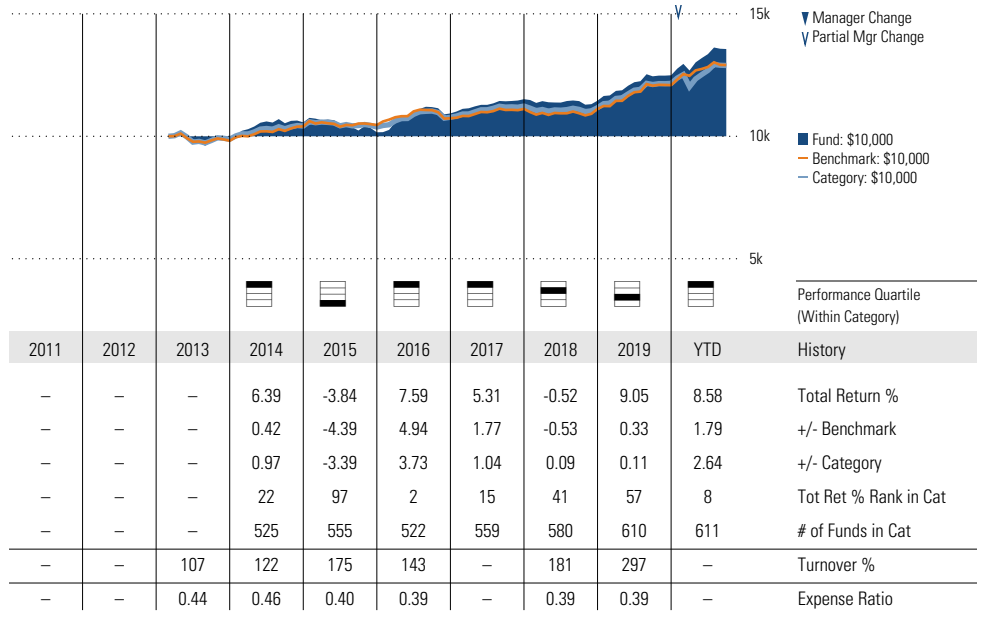
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.39 is 50% lower than the Intermediate Core-Plus Bond category average.

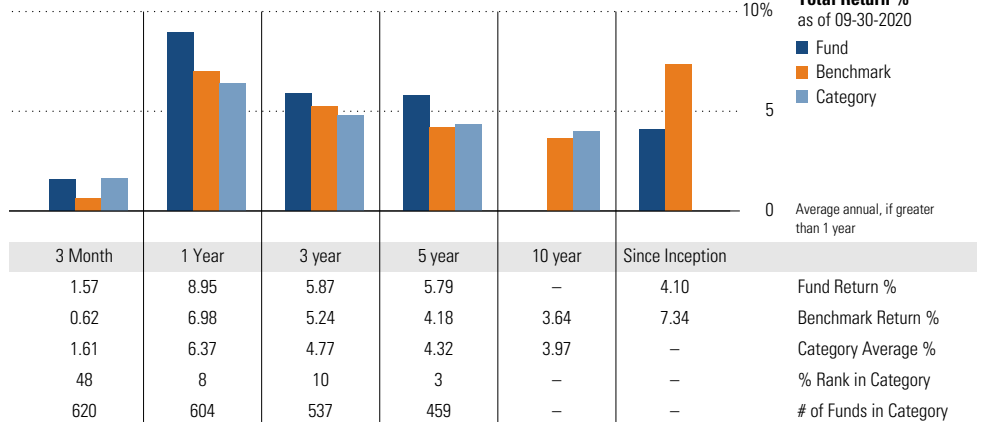
## Morningstar Investment Management LLC Analysis

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.

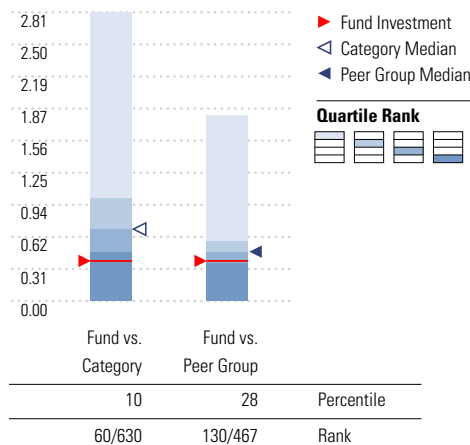
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.85	-	-0.30
Beta	0.95	-	1.00
R-Squared	78.47	-	61.18
Standard Deviation	3.63	3.37	4.49
Sharpe Ratio	1.15	1.07	0.76
Tracking Error	1.69	-	2.88
Information Ratio	0.37	-	-0.12
Up Capture Ratio	105.12	-	103.58
Down Capture Ratio	90.01	-	128.01

## Portfolio Metrics

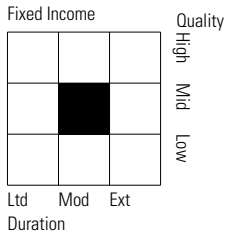
Metric	Fund	Bmark	Cat
Avg Eff Duration	6.59	4.43	5.60
Avg Eff Maturity	9.01	-	8.09

# Loomis Sayles Core Plus Bond N NERNX

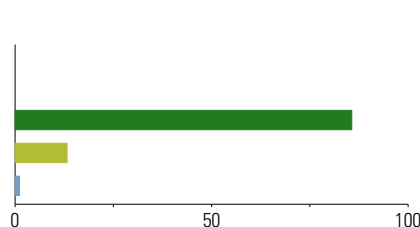
**Morningstar Category** Intermediate Core-Plus Bond  
**Morningstar Index** BBgBarc US Agg Bond TR USD

## Style Analysis as of 09-30-2020

### Style Breakdown



## Asset Allocation as of 09-30-2020

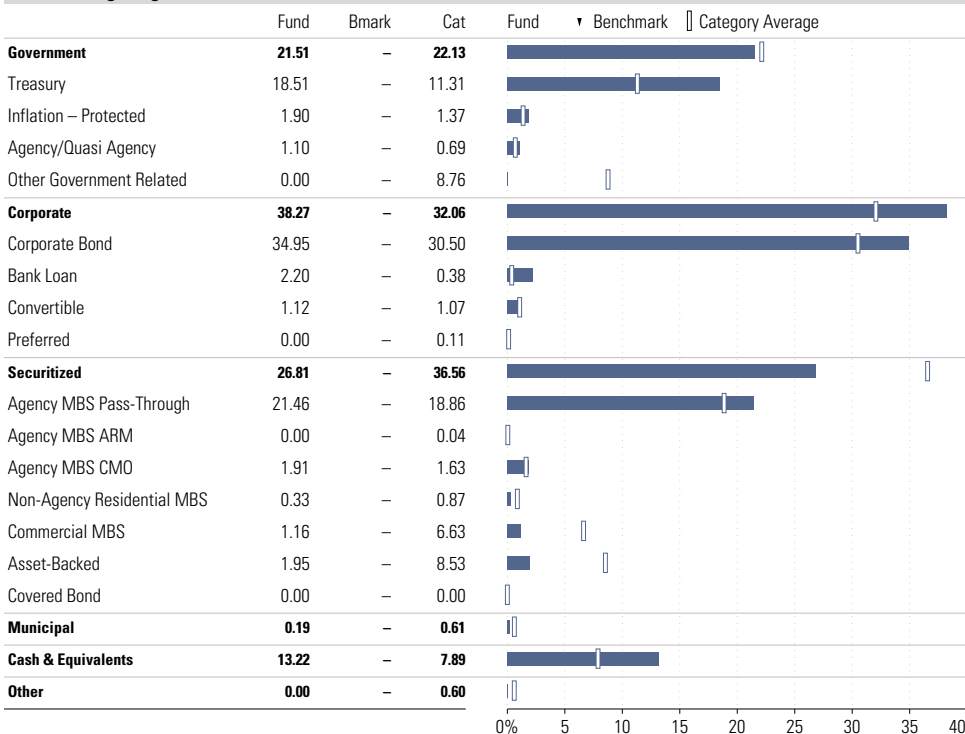


Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.00
Bonds	85.66	101.67
Cash	13.22	0.17
Other	1.13	-1.84
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	54.35	3.53	42.90
AA	3.64	74.59	6.29
A	12.48	10.82	13.48
BBB	21.38	8.32	23.93
BB	6.61	0.28	6.30
B	1.33	0.00	2.85
Below B	0.01	0.00	1.31
Not Rated	0.20	2.46	2.94

## Sector Weighting as of 09-30-2020



## Top 10 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Fixed Inc Clearing Corp.Repo	09-2020	7.01	7.01	-
United States Treasury Bills 0.01%	11-2020	4.01	11.02	-
⊖ United States Treasury Notes 3.12%	11-2028	3.21	14.23	-
⊖ United States Treasury Notes 0.62%	05-2030	2.55	16.78	-
⊖ Federal National Mortgage Association 2.5%	09-2050	2.22	19.00	-
⊕ United States Treasury Notes 0.5%	08-2027	2.09	21.09	-
⊕ Federal National Mortgage Association 2.5%	10-2050	1.70	22.79	-
⊕ United States Treasury Bills 0.01%	09-2020	1.64	24.43	-
⊖ United States Treasury Bonds 2%	02-2050	1.34	25.77	-
⊕ Federal National Mortgage Association 4.5%	06-2048	1.33	27.10	-

**Total Holdings 765**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# MFS Intl International Equity MIEIX

**Morningstar Category**  
Foreign Large Growth

**Morningstar Index**  
MSCI EAFE NR USD

## Portfolio Manager(s)

Daniel Ling since 10-2009  
Filipe Benzinho since 05-2016

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 11.01 years.

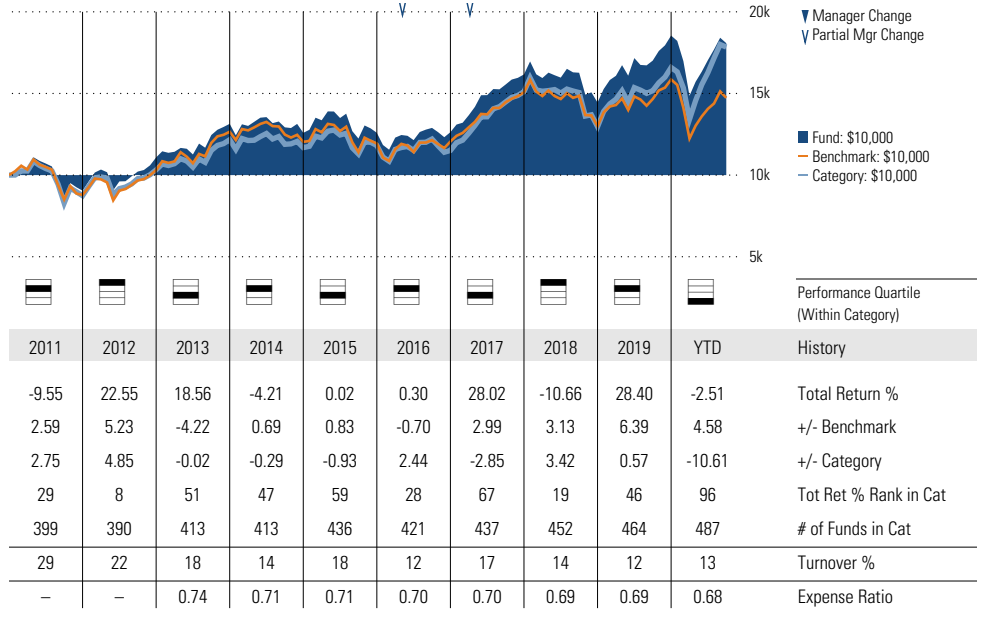
✔ **Style:** The fund has landed in its primary style box — Large Growth — 74.29 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.7 is 35.78% lower than the Foreign Large Growth category average.

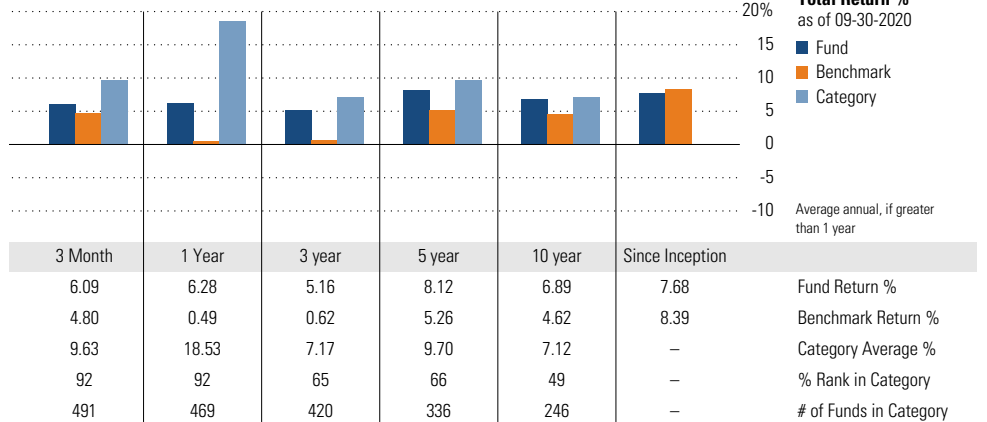
## Morningstar Investment Management LLC Analysis

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

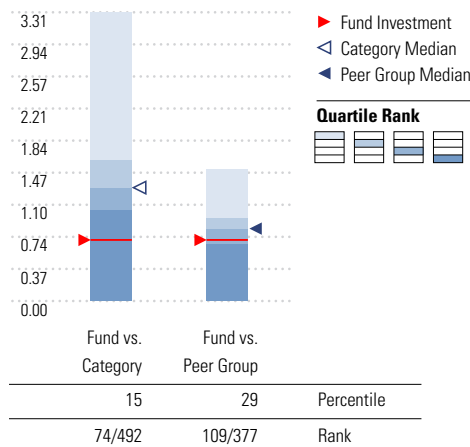
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	4.43	-	6.53
Beta	0.92	-	0.99
R-Squared	96.08	-	-
Standard Deviation	14.56	15.45	16.45
Sharpe Ratio	0.31	0.01	0.39
Tracking Error	3.11	-	6.04
Information Ratio	1.46	-	1.09
Up Capture Ratio	103.84	-	112.94
Down Capture Ratio	83.03	-	83.01

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	25.30	19.92	27.17
Price/Book Ratio	2.58	1.54	3.47
Geom Avg Mkt Cap \$B	55.74	36.00	51.10
ROE	15.31	12.77	16.53

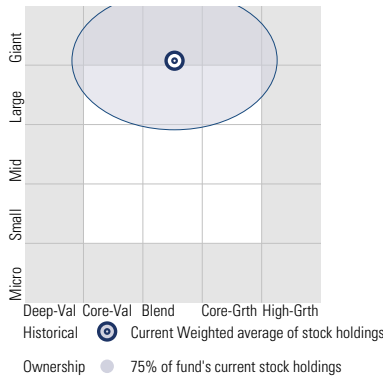
# MFS Intl International Equity MIEIX

**Morningstar Category**  
Foreign Large Growth

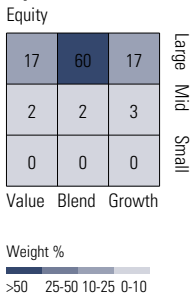
**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 09-30-2020

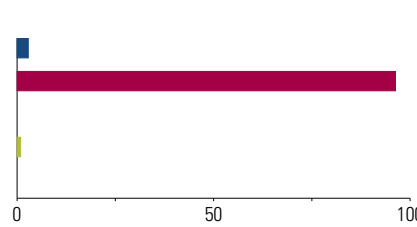
Morningstar Style Box™



## Style Breakdown

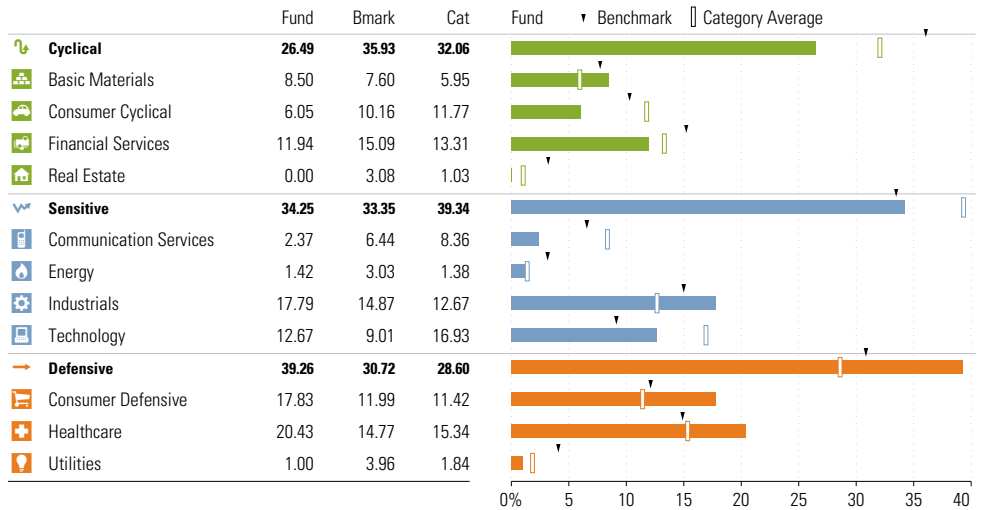


## Asset Allocation as of 09-30-2020

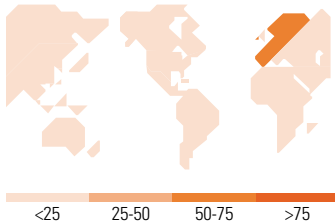


Asset Class	Net %	Cat%
US Stocks	2.84	7.02
Non-US Stocks	96.27	89.91
Bonds	0.00	-0.01
Cash	0.90	2.55
Other	0.00	0.54
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020



## World Regions % Equity 09-30-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	26.21	32.77	Americas	5.71	12.36	Greater Europe	68.08	54.86	Developed Markets	95.72
Japan	16.62	13.77	North America	5.44	10.45	United Kingdom	9.45	10.50	Emerging Markets	4.28
Australasia	0.00	1.77	Central/Latin	0.27	1.91	W euro-ex UK	57.27	42.96	Not Available	0.00
Asia-4 Tigers	5.58	6.25				Emrgng Europe	0.00	0.39		
Asia-ex 4 Tigers	4.01	10.98				Africa	1.36	1.01		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Nestle SA	4.26	4.26	6.93	Consumer Defensive
⊖ Schneider Electric SE	3.60	7.87	18.69	Industrials
⊖ Roche Holding AG Dividend Right Cert.	3.45	11.32	3.23	Healthcare
⊖ Air Liquide SA	3.10	14.42	9.51	Basic Materials
⊖ SAP SE	3.07	17.48	11.65	Technology
⊖ AIA Group Ltd	2.71	20.19	-5.64	Financial Services
⊖ Hoya Corp	2.58	22.77	13.92	Healthcare
⊖ Daikin Industries Ltd	2.23	25.00	25.44	Industrials
⊖ Canadian National Railway Co	2.19	27.19	22.19	Industrials
⊖ Novo Nordisk A/S B	2.14	29.33	15.85	Healthcare

**Total Holdings 81**

⊕ 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 5.75 years.

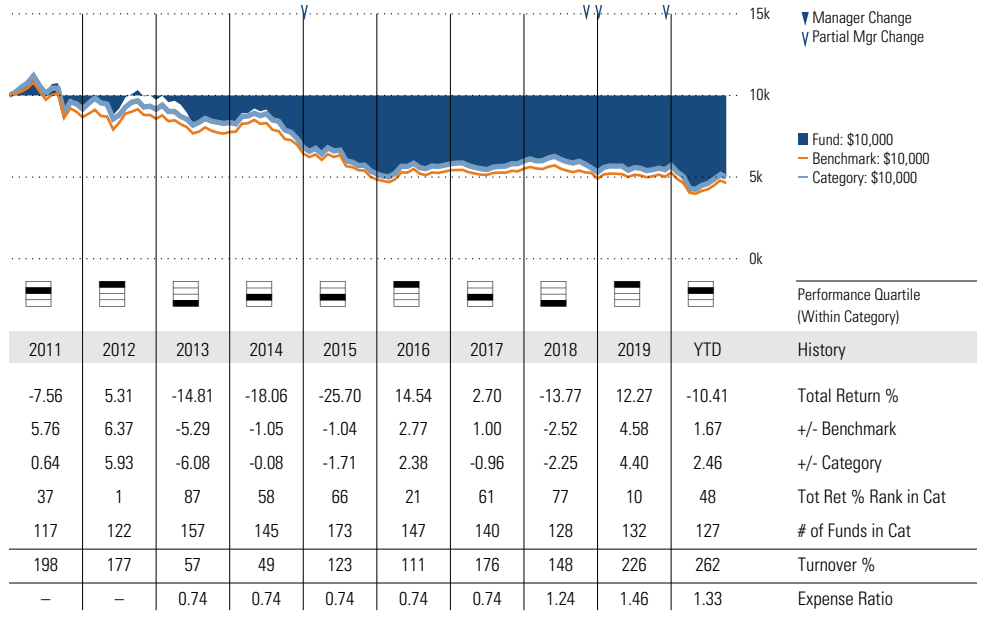
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 1.33 is 18.75% higher than the Commodities Broad Basket category average.

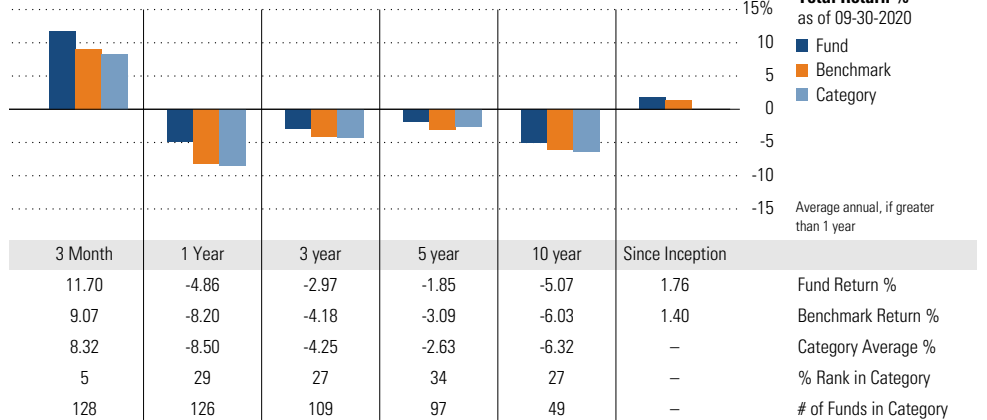
## Morningstar Investment Management LLC Analysis

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.

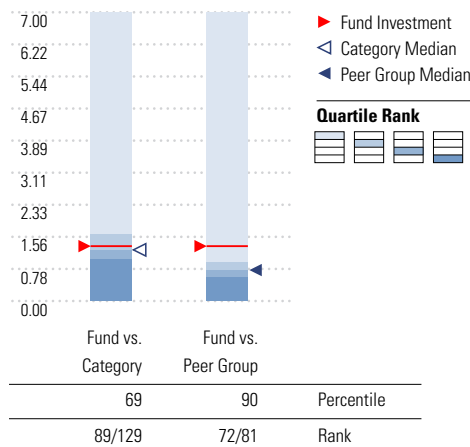
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	2.53	-	0.48
Beta	1.22	-	1.08
R-Squared	96.15	-	84.85
Standard Deviation	17.17	13.80	16.41
Sharpe Ratio	-0.18	-0.36	-0.30
Tracking Error	4.53	-	6.76
Information Ratio	0.27	-	-0.06
Up Capture Ratio	121.37	-	109.90
Down Capture Ratio	110.31	-	109.07

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	12.32	-	10.44
Price/Book Ratio	1.51	-	1.18
Geom Avg Mkt Cap \$B	20.09	-	3.88
ROE	16.78	-	11.90

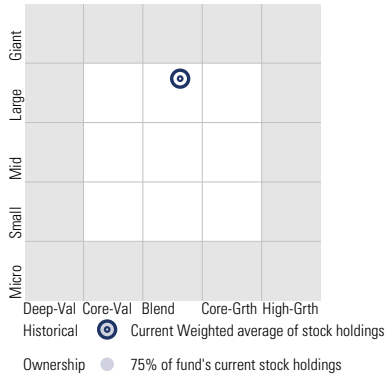
# PIMCO Commodity Real Ret Strat Instl PCRIX

**Morningstar Category**  
Commodities Broad Basket

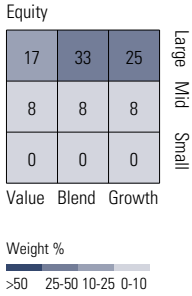
**Morningstar Index**  
Bloomberg Commodity TR USD

## Style Analysis as of 09-30-2020

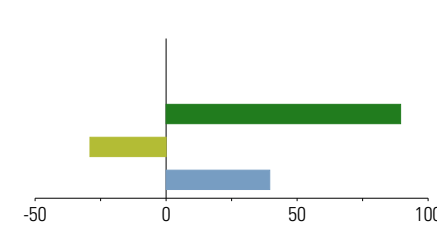
Morningstar Style Box™



## Style Breakdown

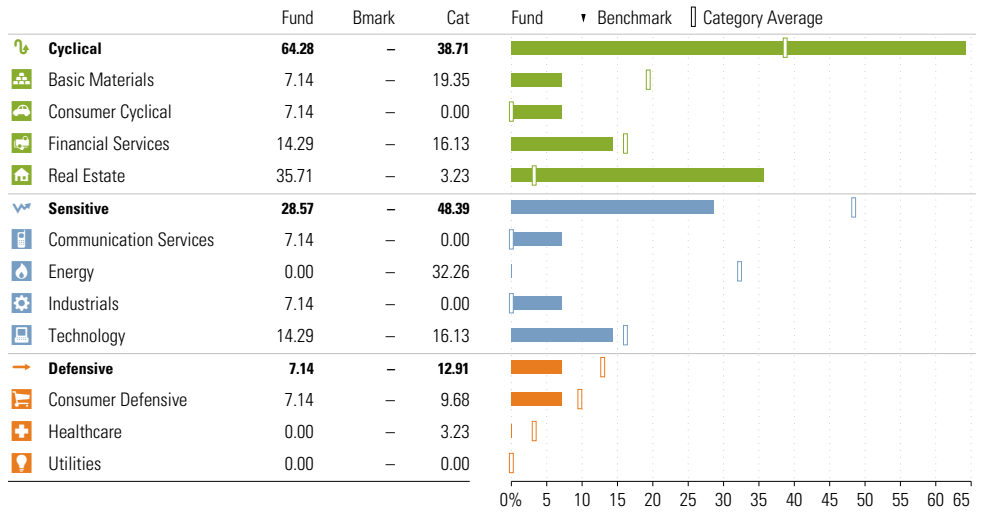


## Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	0.00	0.17
Non-US Stocks	0.00	0.23
Bonds	89.51	23.78
Cash	-29.06	73.04
Other	39.56	2.78
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020



## Top 15 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Fin Fut Euro-Schatz 2yr Eux 09/08/20	21.24	21.24	-	-
⊖ Pimco Cayman Cmdty Fd Ltd Instl	20.68	41.92	-	-
✳ CashOffSet	19.70	61.63	-	-
⊕ 2 Year Treasury Note Future Sept 20	17.98	79.61	-	-
⊕ 10 Year Treasury Note Future Sept 20	15.65	95.25	-	-
<hr/>				
⊕ Offset: Unsettled Trades	14.68	109.94	-	-
⊕ U S Tips Rev Repo	10.40	120.34	-	-
⊕ Federal National Mortgage Association 4%	10.10	130.43	-	-
⊕ FIN FUT US 30YR CBT 09/21/20	9.31	139.74	-	-
⊖ United States Treasury Notes 0.38%	6.71	146.45	-	-
<hr/>				
⊕ United States Treasury Notes 0.62%	6.37	152.82	-	-
⊕ U S Tips Rev Repo	6.37	159.18	-	-
⊕ Trs R 0.22/912828v49 Bps	6.12	165.31	-	-
⊕ Long Gilt Future Sept 20	5.82	171.13	-	-
⊕ United States Treasury Notes 0.38%	5.78	176.91	-	-

**Total Holdings 684**

⊕ Increase ⊖ Decrease ✳ New to Portfolio



# 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 11.08 years.

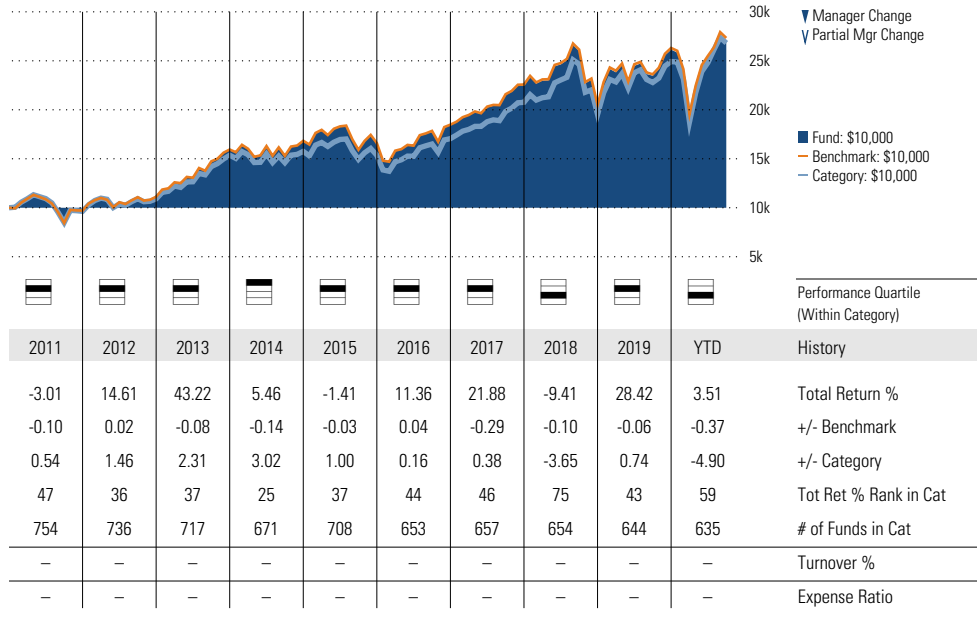
✔ **Style:** The fund has landed in its primary style box — Small Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.05 is 95.61% lower than the Small Growth category average.

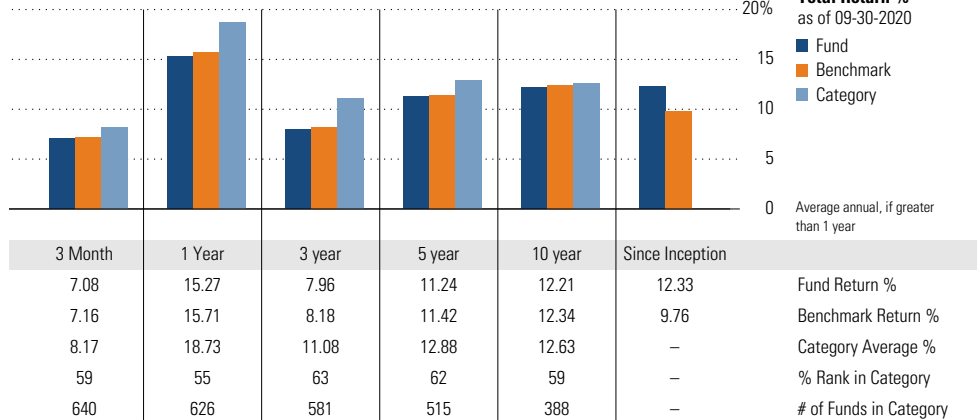
## Morningstar Investment Management LLC Analysis

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

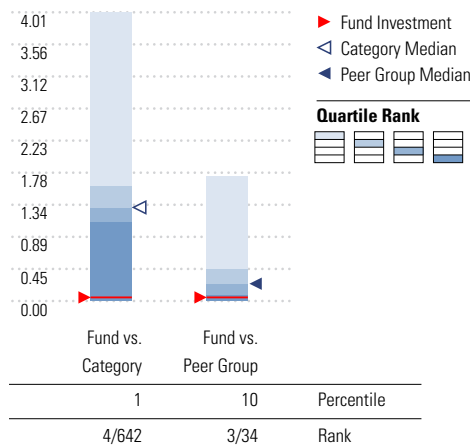
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.20	-	-1.09
Beta	1.00	-	0.99
R-Squared	100.00	-	95.98
Standard Deviation	23.09	23.11	23.39
Sharpe Ratio	0.38	0.39	0.33
Tracking Error	0.12	-	4.10
Information Ratio	-1.86	-	-0.47
Up Capture Ratio	99.50	-	95.79
Down Capture Ratio	100.15	-	99.56

## Portfolio Metrics

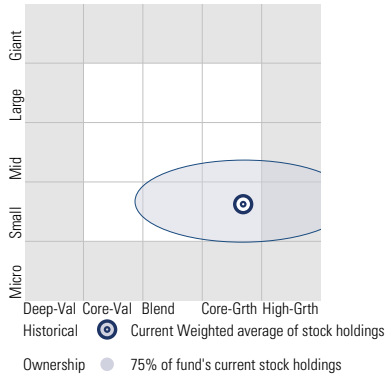
	Fund	Bmark	Cat
Price/Earnings Ratio	26.70	23.04	31.69
Price/Book Ratio	4.46	3.56	4.34
Geom Avg Mkt Cap \$B	2.36	2.27	4.59
ROE	-4.73	-3.13	3.16

# State St Russell Sm Cap® Gr Indx NL CI C

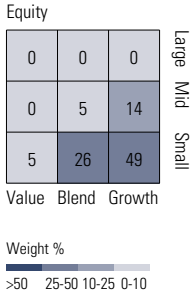
**Morningstar Category**  
Small Growth

**Morningstar Index**  
Russell 2000 Growth TR USD

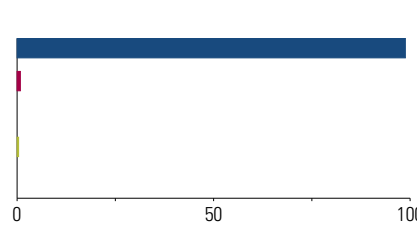
**Style Analysis** as of 09-30-2020  
Morningstar Style Box™



**Style Breakdown**

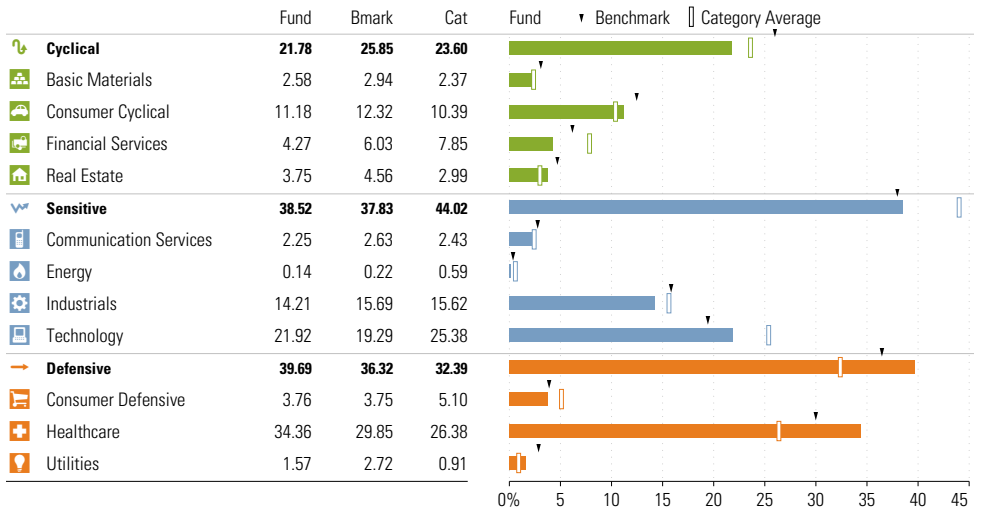


**Asset Allocation** as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	98.79	92.84
Non-US Stocks	0.83	4.22
Bonds	0.00	0.03
Cash	0.38	2.60
Other	0.00	0.30
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2020



**Top 15 Holdings** as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Sunrun Inc	0.92	0.92	458.07	Technology
⊖ LHC Group Inc	0.65	1.57	54.30	Healthcare
⊖ iRhythm Technologies Inc	0.64	2.21	249.70	Healthcare
⊖ Churchill Downs Inc	0.62	2.83	19.40	Consumer Cyclical
⊖ Mirati Therapeutics Inc	0.62	3.46	28.86	Healthcare
⊖ Deckers Outdoor Corp	0.61	4.06	30.29	Consumer Cyclical
⊖ MyoKardia Inc	0.60	4.67	87.05	Healthcare
⊖ RH	0.60	5.27	79.21	Consumer Cyclical
⊖ Momenta Pharmaceuticals Inc	0.58	5.85	—	Healthcare
⊖ BJ's Wholesale Club Holdings Inc	0.57	6.42	82.72	Consumer Defensive
⊖ TopBuild Corp	0.57	6.99	65.59	Industrials
⊕ Penn National Gaming Inc	0.55	7.54	184.43	Consumer Cyclical
⊖ SiteOne Landscape Supply Inc	0.54	8.08	34.53	Industrials
⊖ Tetra Tech Inc	0.52	8.60	11.41	Industrials
⊖ Blueprint Medicines Corp	0.51	9.11	15.72	Healthcare

**Total Holdings 1058**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# State St Russell Sm Cp® Val Indx NL CI 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 in existence.

✔ **Management:** The fund's management has been in place for 11.08 years.

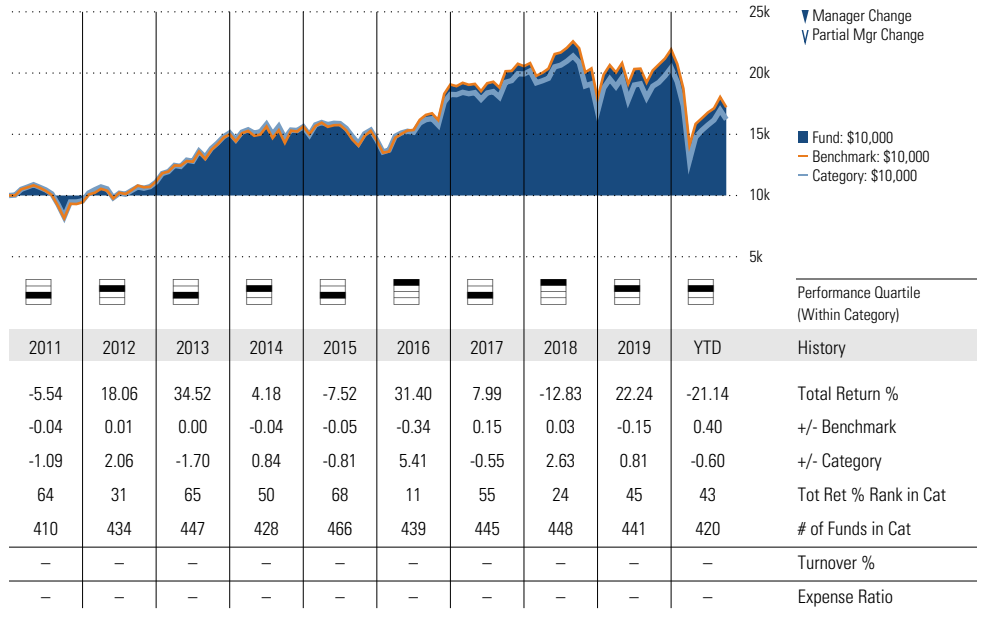
✔ **Style:** The fund has landed in its primary style box — Small Value — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.05 is 95.45% lower than the Small Value category average.

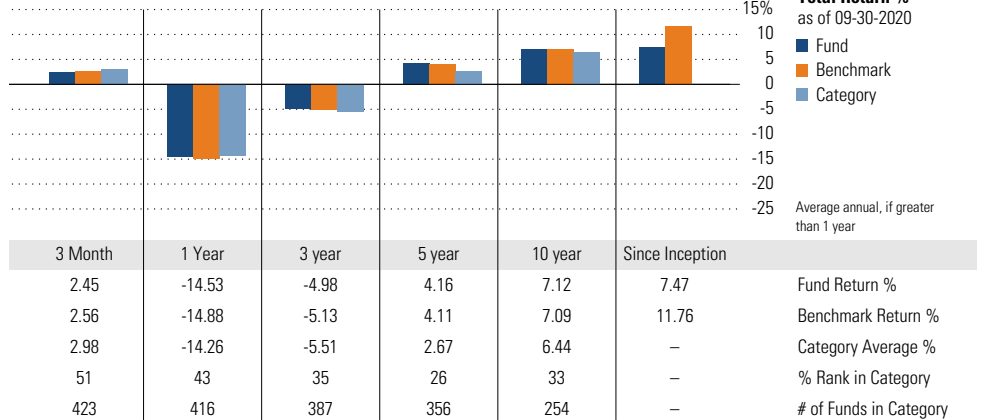
## Morningstar Investment Management LLC Analysis

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.

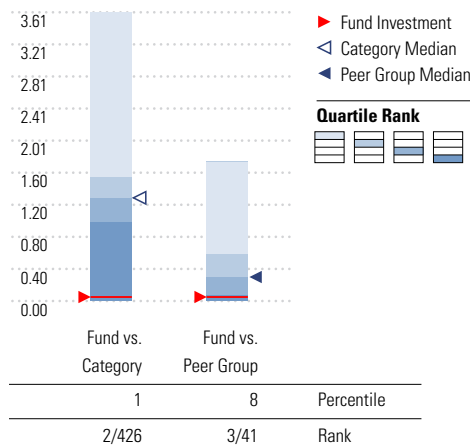
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.08	-	0.04
Beta	0.99	-	1.04
R-Squared	99.99	-	97.83
Standard Deviation	23.36	23.56	24.75
Sharpe Ratio	-0.17	-0.17	-0.16
Tracking Error	0.31	-	2.83
Information Ratio	0.47	-	-0.41
Up Capture Ratio	99.83	-	102.51
Down Capture Ratio	99.41	-	103.08

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	13.12	14.06	15.68
Price/Book Ratio	1.10	1.28	1.19
Geom Avg Mkt Cap \$B	1.40	1.54	2.64
ROE	0.68	-0.97	5.90

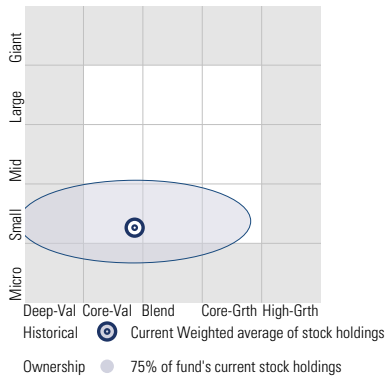
# State St Russell Sm Cp® Val Indx NL CI C

**Morningstar Category**  
Small Value

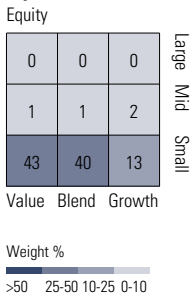
**Morningstar Index**  
Russell 2000 Value TR USD

## Style Analysis as of 09-30-2020

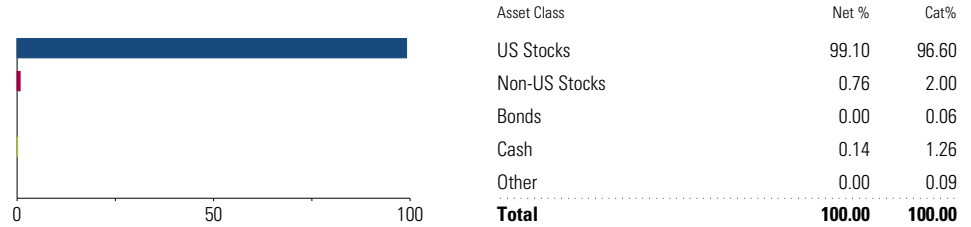
Morningstar Style Box™



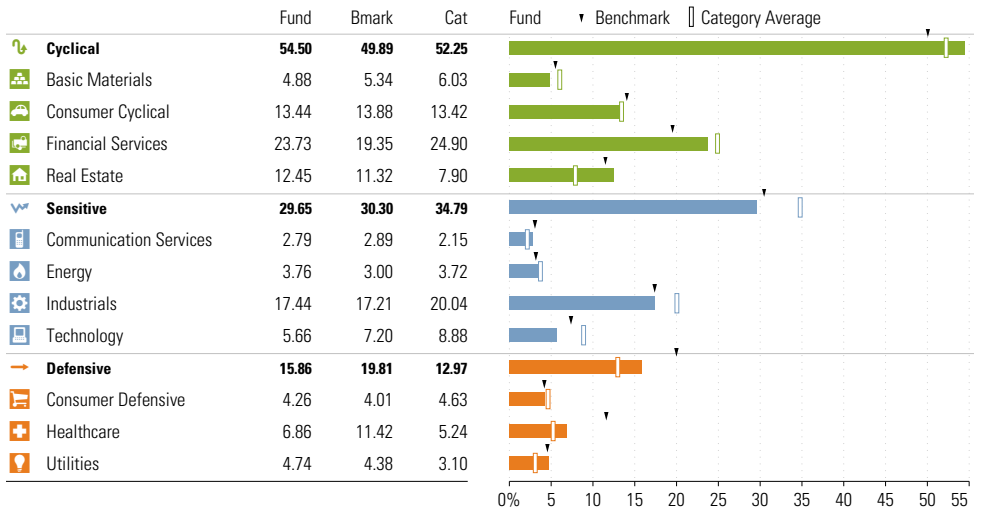
## Style Breakdown



## Asset Allocation as of 09-30-2020



## Sector Weighting as of 09-30-2020



## Top 15 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Darling Ingredients Inc	0.65	0.65	28.31	Consumer Defensive
⊕ Penn National Gaming Inc	0.62	1.27	184.43	Consumer Cyclical
⊕ Novavax Inc	0.54	1.80	2,622.36	Healthcare
⊖ Performance Food Group Co	0.50	2.31	-32.75	Consumer Defensive
⊕ E-Mini Russ 2000 Dec20 Xcme 20201218	0.49	2.80	-	-
⊖ Stag Industrial Inc	0.47	3.26	0.00	Real Estate
Essent Group Ltd	0.46	3.72	-27.89	Financial Services
⊖ Healthcare Realty Trust Inc	0.45	4.18	-7.04	Real Estate
Arena Pharmaceuticals Inc	0.45	4.62	64.66	Healthcare
⊖ Meritage Homes Corp	0.43	5.05	80.64	Consumer Cyclical
Physicians Realty Trust	0.41	5.47	-1.80	Real Estate
⊖ Brookfield Renewable Corp Ordinary Shares - Class A (Sub Voting)	0.41	5.88	-	Utilities
⊖ Agree Realty Corp	0.38	6.26	-6.76	Real Estate
⊖ Stifel Financial Corp	0.38	6.63	-15.80	Financial Services
⊕ Rexnord Corp	0.38	7.01	-7.79	Industrials

**Total Holdings 1401**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard 500 Index Admiral VFIAX

**Morningstar Category**  
Large Blend

**Morningstar Index**  
S&P 500 TR USD

## Portfolio Manager(s)

Donald Butler since 04-2016

Michelle Louie since 11-2017

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 4.43 years.

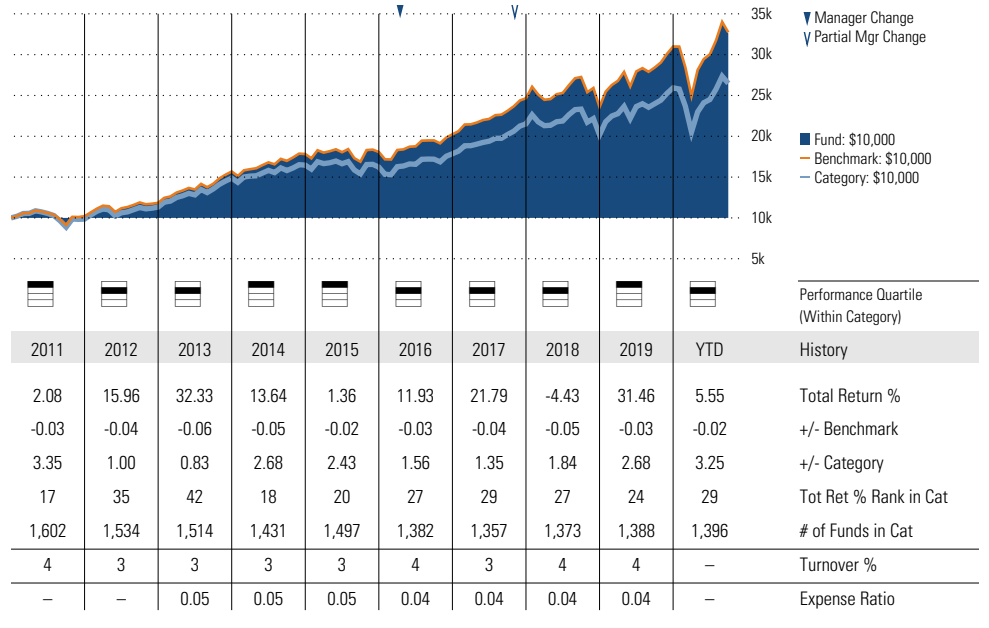
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.04 is 95.29% lower than the Large Blend category average.

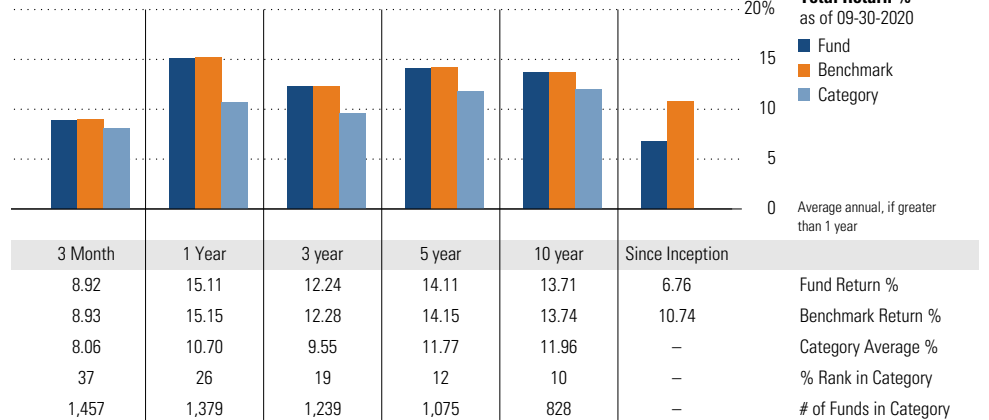
## Morningstar Investment Management LLC Analysis

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

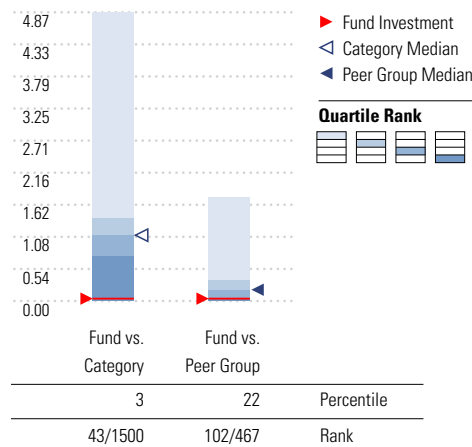
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.04	-	-2.29
Beta	1.00	-	0.97
R-Squared	100.00	-	95.59
Standard Deviation	17.74	17.74	17.56
Sharpe Ratio	0.65	0.65	0.51
Tracking Error	0.01	-	3.57
Information Ratio	-3.89	-	-1.28
Up Capture Ratio	99.93	-	91.12
Down Capture Ratio	100.06	-	100.00

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	25.91	25.90	24.36
Price/Book Ratio	3.56	3.55	3.50
Geom Avg Mkt Cap \$B	156.78	156.62	220.30
ROE	27.33	27.32	29.32

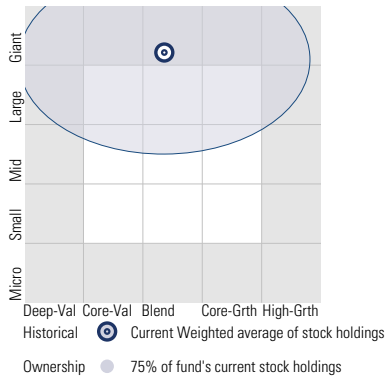
# Vanguard 500 Index Admiral VFIAX

Morningstar Category  
Large Blend

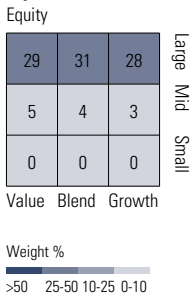
Morningstar Index  
S&P 500 TR USD

## Style Analysis as of 09-30-2020

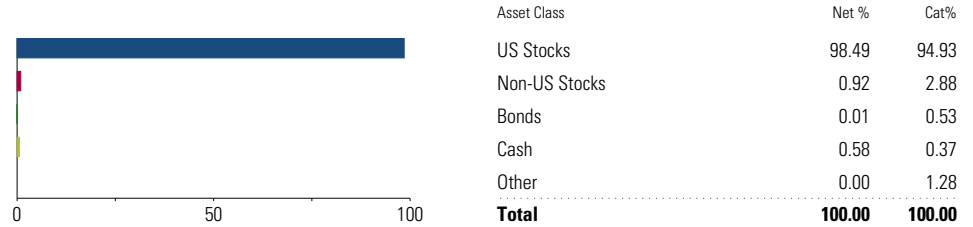
Morningstar Style Box™



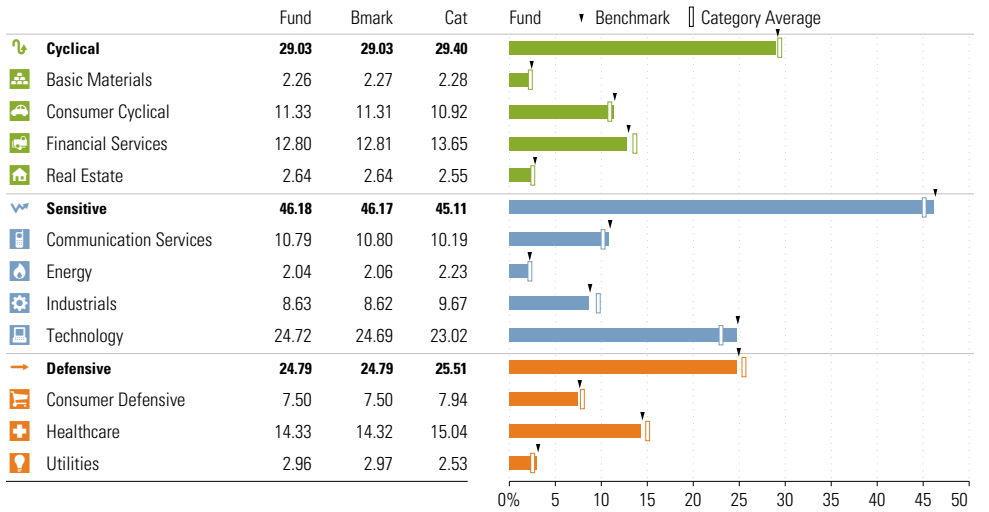
## Style Breakdown



## Asset Allocation as of 09-30-2020



## Sector Weighting as of 09-30-2020



## Top 15 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Apple Inc	6.65	6.65	58.57	Technology
Microsoft Corp	5.68	12.33	34.34	Technology
Amazon.com Inc	4.79	17.12	70.40	Consumer Cyclical
Facebook Inc A	2.25	19.37	27.60	Communication Svc
Alphabet Inc A	1.57	20.94	9.42	Communication Svc
Alphabet Inc Class C	1.54	22.48	9.92	Communication Svc
Berkshire Hathaway Inc Class B	1.48	23.96	-5.99	Financial Services
Johnson & Johnson	1.40	25.36	4.10	Healthcare
Procter & Gamble Co	1.24	26.60	13.14	Consumer Defensive
Visa Inc Class A	1.20	27.79	6.90	Financial Services
NVIDIA Corp	1.19	28.98	130.22	Technology
The Home Depot Inc	1.07	30.05	29.23	Consumer Cyclical
Mastercard Inc A	1.07	31.12	13.66	Financial Services
UnitedHealth Group Inc	1.06	32.18	7.27	Healthcare
JPMorgan Chase & Co	1.03	33.21	-29.00	Financial Services

Total Holdings 514

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Developed Markets Index Admiral VTMGX

**Morningstar Category**  
Foreign Large Blend

**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Portfolio Manager(s)

Christine Franquin since 02-2013

Michael Perre since 11-2017

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 7.61 years.

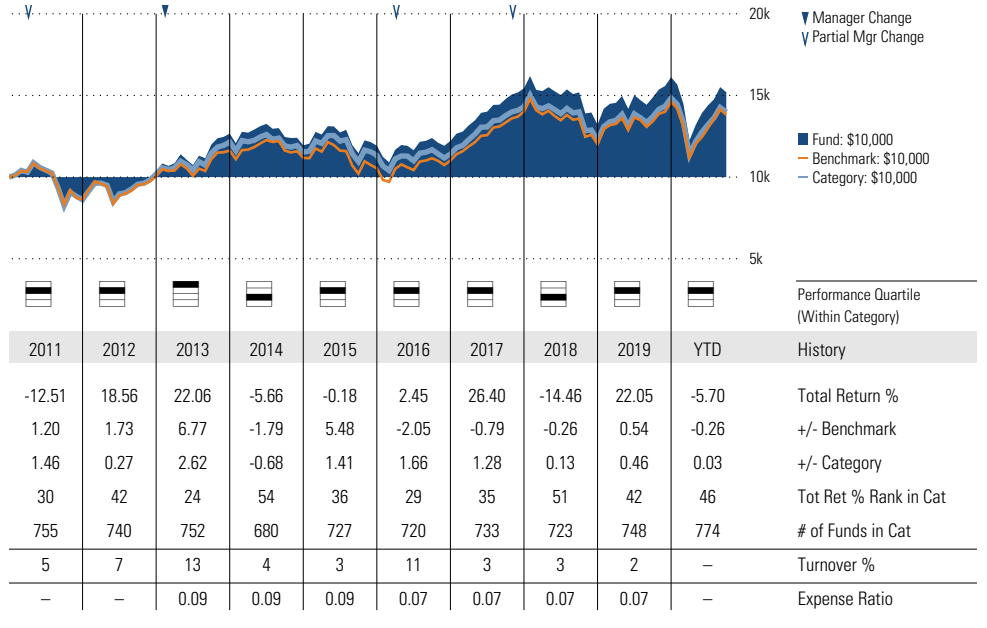
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.07 is 92.55% lower than the Foreign Large Blend category average.

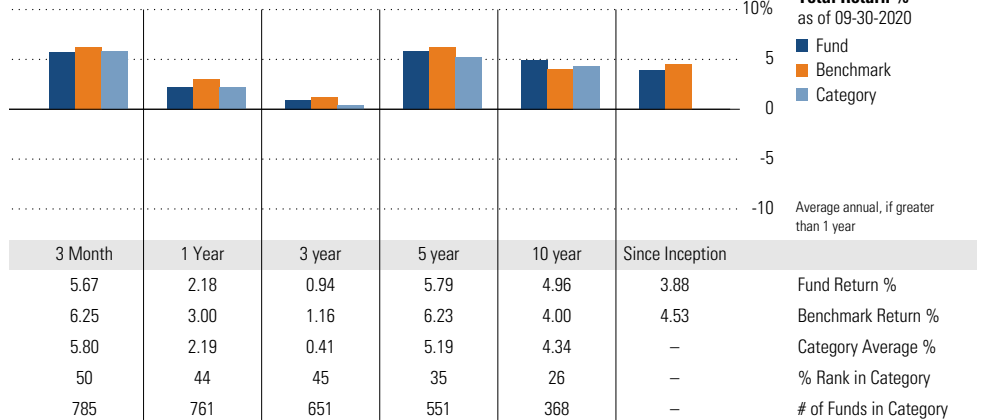
## Morningstar Investment Management LLC Analysis

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.

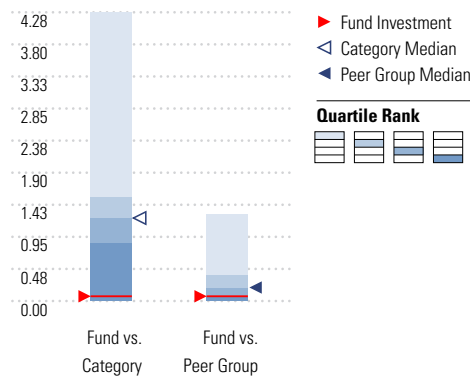
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.18	-	-0.51
Beta	1.00	-	0.99
R-Squared	97.46	-	95.09
Standard Deviation	16.43	16.23	16.45
Sharpe Ratio	0.04	0.05	0.02
Tracking Error	2.62	-	3.81
Information Ratio	-0.09	-	-0.16
Up Capture Ratio	97.79	-	95.87
Down Capture Ratio	98.76	-	98.50

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.80	18.53	19.34
Price/Book Ratio	1.46	1.60	1.66
Geom Avg Mkt Cap \$B	23.63	38.32	41.07
ROE	11.92	13.40	14.15

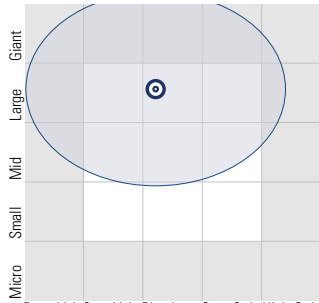
# Vanguard Developed Markets Index Admiral VTMGX

**Morningstar Category**  
Foreign Large Blend

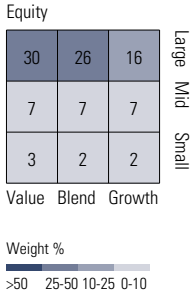
**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Style Analysis as of 09-30-2020

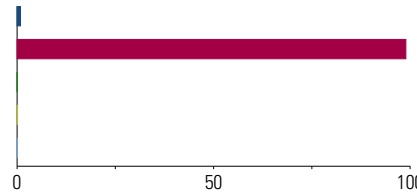
Morningstar Style Box™



## Style Breakdown

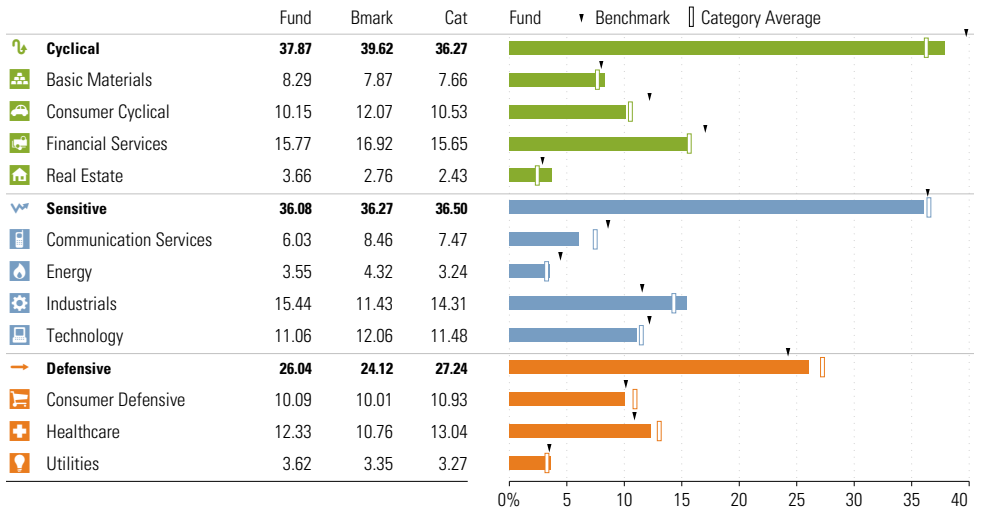


## Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	0.87	4.00
Non-US Stocks	98.92	93.45
Bonds	0.04	0.59
Cash	0.13	0.92
Other	0.04	1.03
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020



## World Regions % Equity 09-30-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	38.45	37.93	Americas	9.51	7.10	Greater Europe	52.04	54.97	Developed Markets	99.35
Japan	23.25	20.42	North America	9.49	6.36	United Kingdom	11.42	12.15	Emerging Markets	0.65
Australasia	6.47	5.17	Central/Latin	0.02	0.74	W euro-ex UK	39.81	41.64	Not Available	0.00
Asia-4 Tigers	8.46	6.67				Emrgng Europe	0.33	0.35		
Asia-ex 4 Tigers	0.27	5.67				Africa	0.48	0.83		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Nestle SA	1.81	1.81	6.93	Consumer Defensive
⊕ Roche Holding AG Dividend Right Cert.	1.30	3.11	3.23	Healthcare
⊕ Samsung Electronics Co Ltd	1.22	4.32	-	Technology
⊖ Novartis AG	1.02	5.34	-9.84	Healthcare
⊖ SAP SE	0.95	6.29	11.65	Technology
⊖ Toyota Motor Corp	0.89	7.18	-8.58	Consumer Cyclical
⊖ ASML Holding NV	0.80	7.98	19.85	Technology
⊖ AstraZeneca PLC	0.78	8.76	14.01	Healthcare
⊖ AIA Group Ltd	0.65	9.42	-5.64	Financial Services
⊖ LVMH Moet Hennessy Louis Vuitton SE	0.63	10.05	-2.95	Consumer Cyclical

**Total Holdings 3992**

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# Vanguard Emerging Mkts Stock Idx Adm VEMAX

**Morningstar Category**  
Diversified 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 12.1 years.

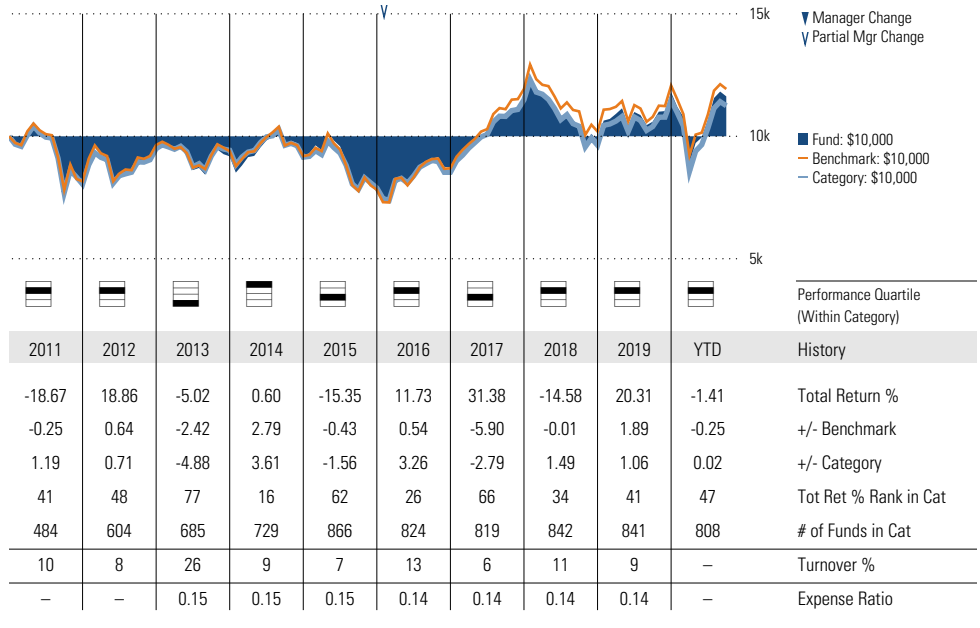
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.14 is 88.62% lower than the Diversified Emerging Mkts category average.

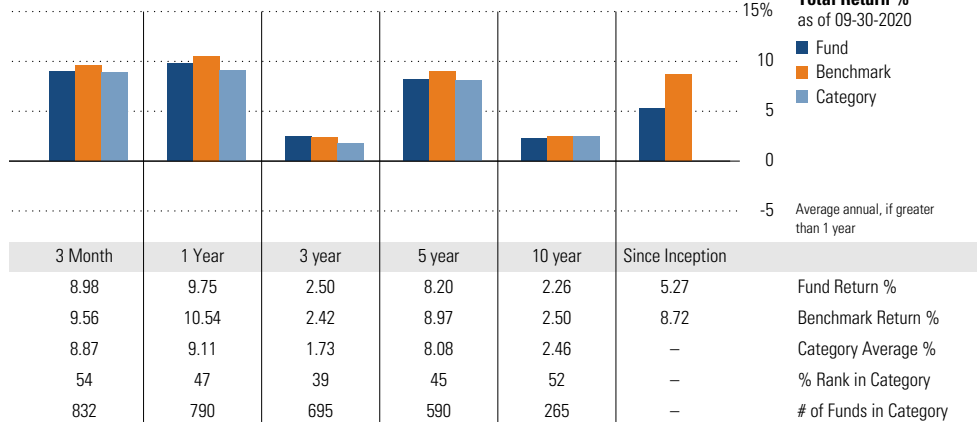
## Morningstar Investment Management LLC Analysis

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

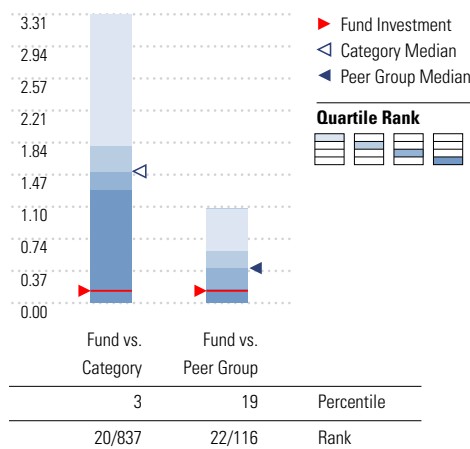
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.15	-	0.02
Beta	0.99	-	0.98
R-Squared	97.80	-	91.09
Standard Deviation	18.98	18.94	19.57
Sharpe Ratio	0.14	0.13	0.13
Tracking Error	2.82	-	5.63
Information Ratio	0.03	-	-0.06
Up Capture Ratio	100.64	-	98.28
Down Capture Ratio	100.34	-	98.99

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	16.20	16.62	18.96
Price/Book Ratio	1.78	1.72	2.30
Geom Avg Mkt Cap \$B	29.77	45.93	53.07
ROE	15.58	15.20	16.94

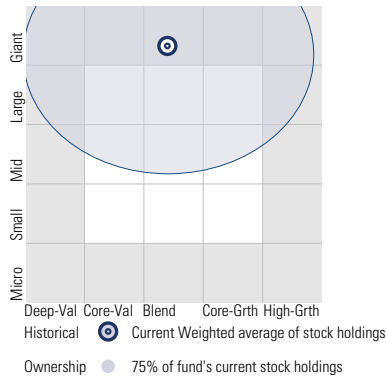
# Vanguard Emerging Mkts Stock Idx Adm VEMAX

**Morningstar Category**  
Diversified Emerging Mkts

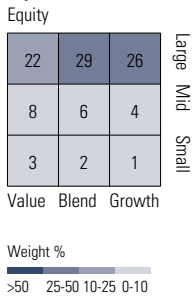
**Morningstar Index**  
MSCI EM NR USD

## Style Analysis as of 09-30-2020

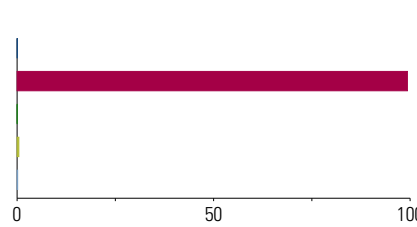
Morningstar Style Box™



## Style Breakdown

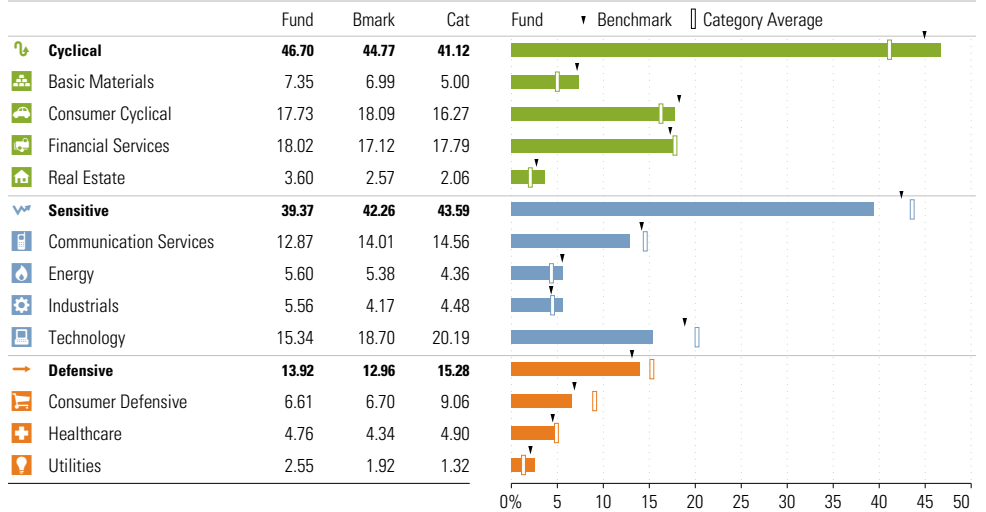


## Asset Allocation as of 09-30-2020

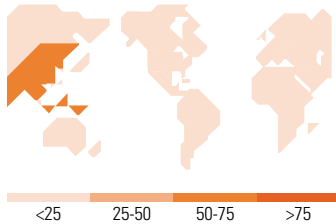


Asset Class	Net %	Cat%
US Stocks	0.08	2.88
Non-US Stocks	99.31	94.80
Bonds	0.04	0.04
Cash	0.44	1.44
Other	0.14	0.85
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020



## World Regions % Equity 09-30-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	78.65	75.71	Americas	8.00	11.45	Greater Europe	13.35	12.84	Developed Markets	19.12
Japan	0.00	0.25	North America	0.04	2.27	United Kingdom	0.00	0.61	Emerging Markets	80.88
Australasia	0.00	0.00	Central/Latin	7.96	9.18	W euro-ex UK	0.31	1.87	Not Available	0.00
Asia-4 Tigers	16.38	24.54				Emrgng Europe	3.47	5.79		
Asia-ex 4 Tigers	62.27	50.92				Africa	9.57	4.57		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Alibaba Group Holding Ltd ADR	8.02	8.02	38.60	Consumer Cyclical
Tencent Holdings Ltd	6.00	14.02	36.50	Communication Svc
Taiwan Semiconductor Manufacturing Co Ltd	3.80	17.82	33.08	Technology
Taiwan Semiconductor Manufacturing Co Ltd ADR	1.95	19.77	41.72	Technology
Meituan	1.75	21.52	132.07	Consumer Cyclical
Reliance Industries Ltd	1.47	22.99	49.41	Energy
Naspers Ltd Class N	1.15	24.14	1.78	Communication Svc
JD.com Inc ADR	1.03	25.17	120.30	Consumer Cyclical
China Construction Bank Corp Class H	0.92	26.09	-20.21	Financial Services
Ping An Insurance (Group) Co. of China Ltd Class H	0.86	26.96	-11.16	Financial Services

**Total Holdings 4146**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard High-Yield Corporate Adm VWEAX

**Morningstar Category**  
High Yield Bond

**Morningstar Index**  
ICE BofA US High Yield TR USD

## Portfolio Manager(s)

Michael Hong since 02-2008

## Quantitative Screens

✔ **Performance:** The fund has finished in the High Yield Bond 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 12.64 years.

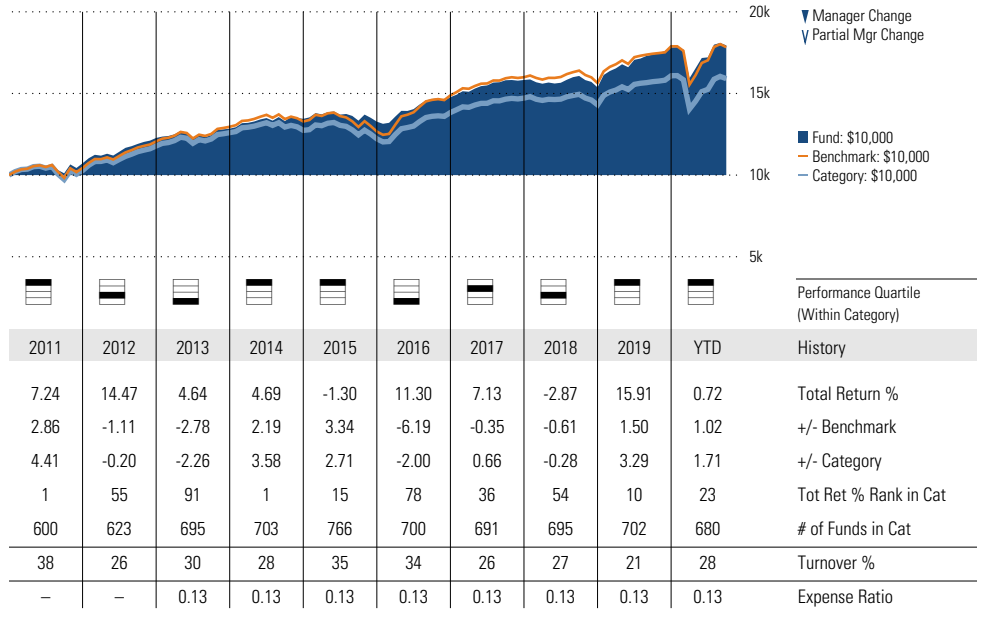
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.13 is 86.6% lower than the High Yield Bond category average.

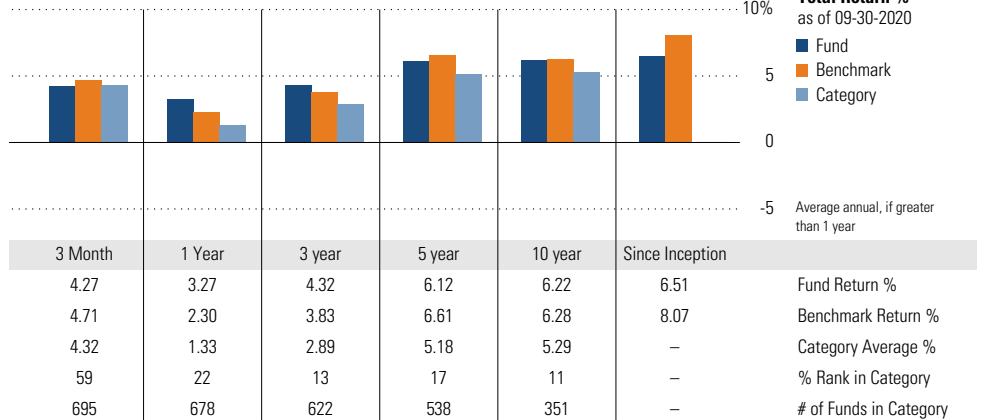
## Morningstar Investment Management LLC Analysis

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.

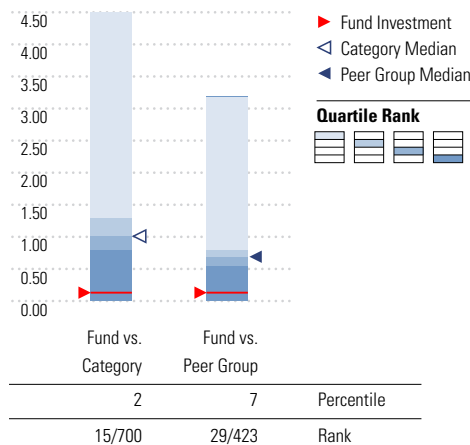
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.86	-	-0.71
Beta	0.89	-	0.96
R-Squared	97.94	-	95.34
Standard Deviation	8.28	9.26	9.12
Sharpe Ratio	0.36	0.28	0.20
Tracking Error	1.60	-	2.21
Information Ratio	0.30	-	-0.43
Up Capture Ratio	95.12	-	90.84
Down Capture Ratio	86.82	-	97.86

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	3.89	-	3.48
Avg Eff Maturity	5.00	-	5.39

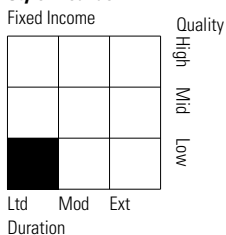
# Vanguard High-Yield Corporate Adm VWEAX

**Morningstar Category**  
High Yield Bond

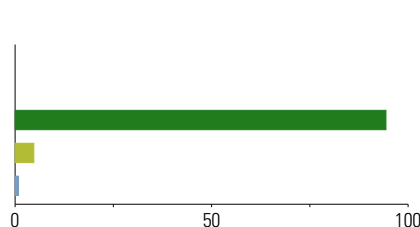
**Morningstar Index**  
ICE BofA US High Yield TR USD

## Style Analysis as of 09-30-2020

### Style Breakdown



## Asset Allocation as of 09-30-2020

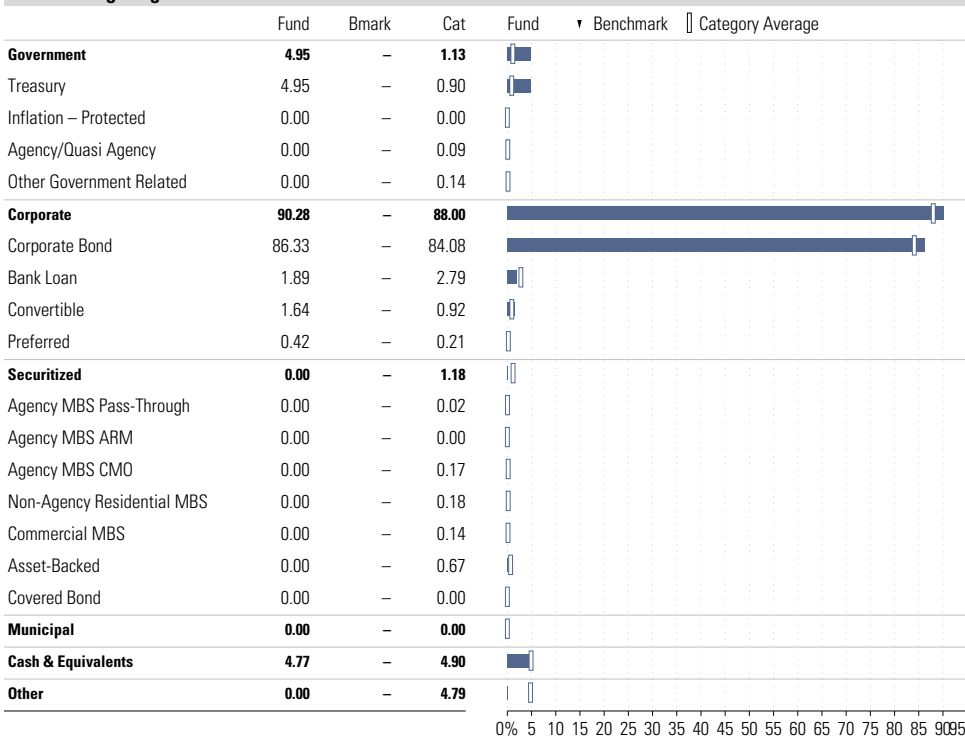


Asset Class	Net %	Cat%
US Stocks	0.00	0.64
Non-US Stocks	0.00	0.03
Bonds	94.36	94.14
Cash	4.77	3.70
Other	0.87	1.50
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	3.72	-	1.80
AA	-0.02	-	0.09
A	0.00	-	1.78
BBB	4.48	-	3.65
BB	49.92	-	27.67
B	32.91	-	37.31
Below B	5.53	-	26.02
Not Rated	3.46	-	1.69

## Sector Weighting as of 09-30-2020



## Top 10 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Jpm Triparty Treasury	07-2020	1.82	1.82	-
T-Mobile US, Inc. 7.88%	09-2023	1.20	3.01	-
⊕ Rbc Triparty Mtge	07-2020	1.14	4.15	-
⊕ United States Treasury Notes 2.62%	07-2021	1.00	5.16	-
⊕ United States Treasury Notes 2.38%	04-2021	1.00	6.15	-
United States Treasury Notes 2%	01-2021	0.99	7.14	-
United States Treasury Notes 1.62%	10-2020	0.98	8.12	-
United States Treasury Notes 1.5%	07-2020	0.98	9.10	-
United States Treasury Bills 0.01%	02-2021	0.98	10.08	-
⊕ HCA Inc. 3.5%	09-2030	0.74	10.82	-

**Total Holdings 566**

⊕ 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 9.12 years.

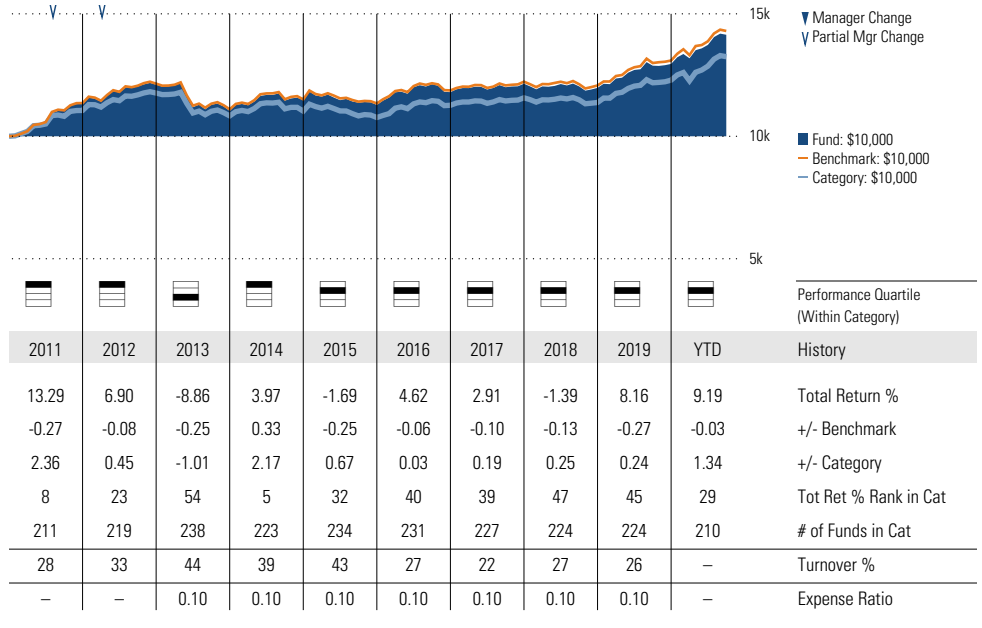
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.1 is 85.29% lower than the Inflation-Protected Bond category average.

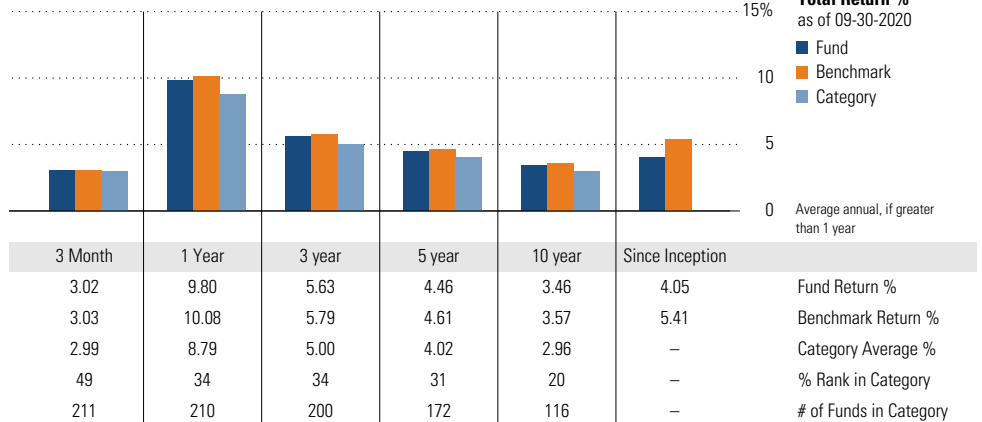
## Morningstar Investment Management LLC Analysis

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.

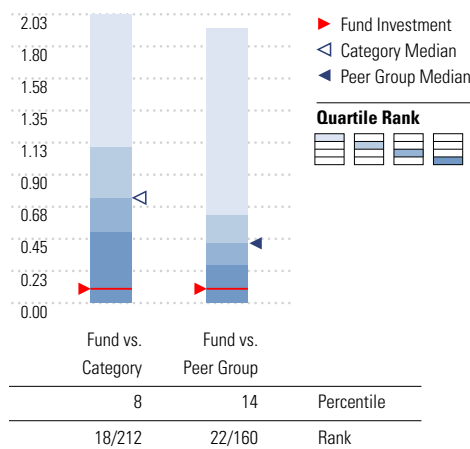
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.19	-	-0.60
Beta	0.94	-	0.92
R-Squared	98.24	-	78.22
Standard Deviation	3.59	3.80	4.12
Sharpe Ratio	1.09	1.07	0.78
Tracking Error	0.53	-	2.12
Information Ratio	-0.32	-	-0.65
Up Capture Ratio	95.62	-	86.21
Down Capture Ratio	92.57	-	97.65

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	7.76	4.52	7.64
Avg Eff Maturity	8.40	-	9.74

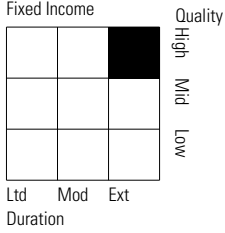
# Vanguard Inflation-Protected Secs Adm VAIPX

**Morningstar Category**  
Inflation-Protected Bond

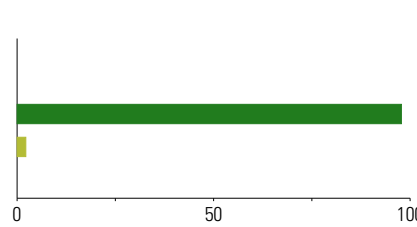
**Morningstar Index**  
BBgBarc US Treasury US TIPS TR USD

**Style Analysis** as of 09-30-2020

**Style Breakdown**



**Asset Allocation** as of 09-30-2020

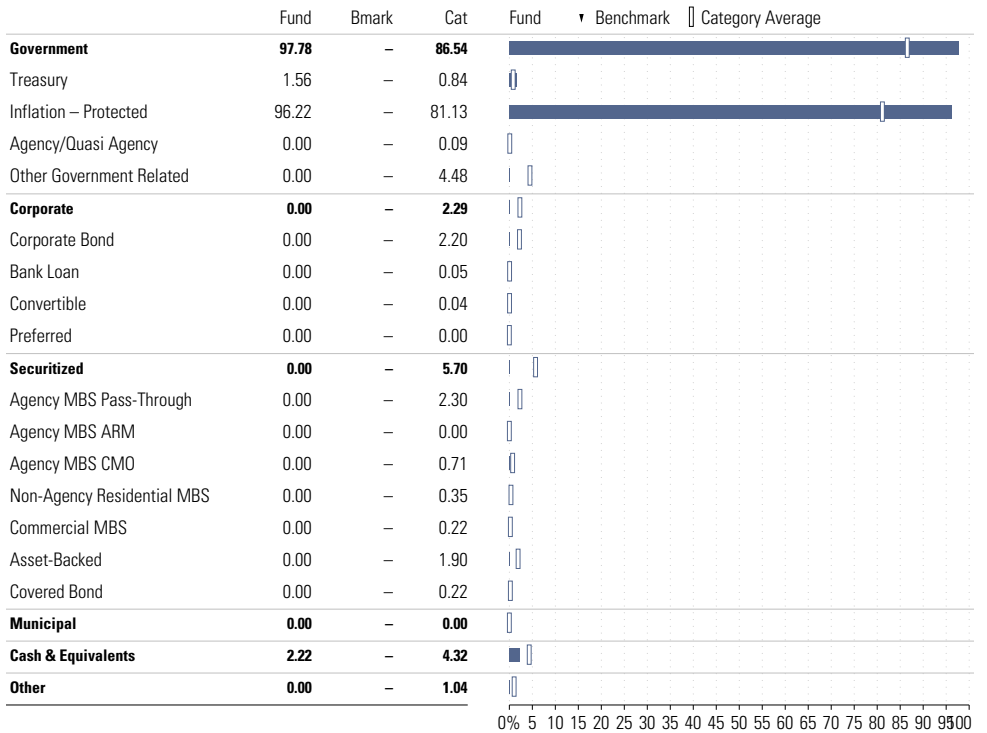


Asset Class	Net %	Cat%
US Stocks	0.00	-0.04
Non-US Stocks	0.00	0.01
Bonds	97.78	99.36
Cash	2.22	2.36
Other	0.00	-1.70
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Credit Rating Breakdown**

	Fund	Bmark	Cat
AAA	100.00	0.00	95.71
AA	0.00	99.60	1.90
A	0.00	0.00	0.73
BBB	0.00	0.00	1.28
BB	0.00	0.00	0.17
B	0.00	0.00	0.05
Below B	0.00	0.00	0.00
Not Rated	0.00	0.40	0.16

**Sector Weighting** as of 09-30-2020



**Top 10 Holdings** as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊖ United States Treasury Notes 0.12%	04-2025	4.13	4.13	-
⊕ United States Treasury Notes 0.38%	07-2023	3.64	7.77	-
⊕ United States Treasury Notes 0.62%	01-2024	3.57	11.35	-
⊕ United States Treasury Notes 0.12%	07-2024	3.47	14.81	-
⊕ United States Treasury Notes 0.38%	07-2025	3.31	18.13	-
⊕ United States Treasury Notes 0.12%	01-2023	3.27	21.40	-
⊕ United States Treasury Notes 0.25%	01-2025	3.24	24.64	-
⊕ United States Treasury Notes 0.12%	01-2030	3.24	27.88	-
⊕ United States Treasury Notes 0.62%	04-2023	3.18	31.05	-
⊕ United States Treasury Notes 0.5%	01-2028	3.16	34.21	-

**Total Holdings** 47

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard LifeStrategy Cnsvr Gr Inv VSCGX

**Morningstar Category**  
Allocation--30% to 50%  
Equity

**Morningstar Index**  
Morningstar US Mod Con Tgt Alloc NR  
USD

## 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 26.02 years.

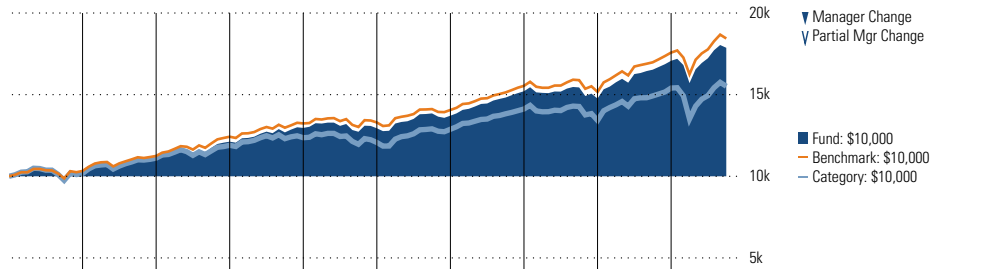
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.12 is 88.46% lower than the Allocation--30% to 50% Equity category average.

## Morningstar Investment Management LLC Analysis

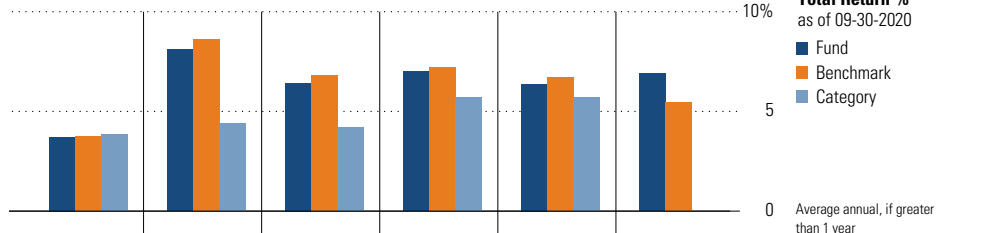
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Growth of \$10,000



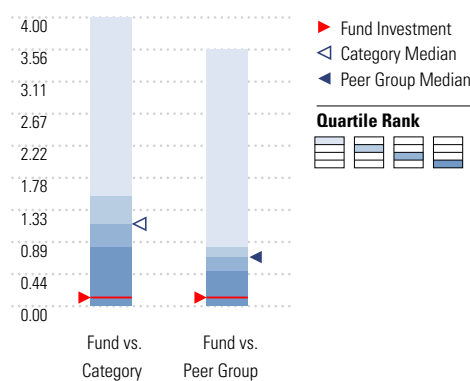
	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	Performance Quartile (Within Category)
											History
	1.76	9.19	9.08	6.95	-0.17	5.96	10.92	-2.95	15.68	4.66	Total Return %
	-1.51	0.29	-1.39	0.40	-0.62	0.19	0.41	-0.54	-0.21	-0.25	+/- Benchmark
	0.06	-0.21	1.85	2.93	2.15	-0.66	1.06	2.09	0.87	3.64	+/- Category
	48	57	33	9	12	54	30	14	36	22	Tot Ret % Rank in Cat
	512	520	571	554	608	575	570	589	564	548	# of Funds in Cat
	46	15	19	15	16	9	6	11	9	-	Turnover %
	-	-	-	-	-	-	-	-	-	-	Expense Ratio

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Total Return % as of 09-30-2020
	3.72	8.11	6.43	7.02	6.38	6.92	Fund Return %
	3.76	8.59	6.80	7.21	6.69	5.43	Benchmark Return %
	3.85	4.38	4.18	5.68	5.68	-	Category Average %
	51	21	12	18	24	-	% Rank in Category
	562	547	517	451	285	-	# of Funds in Category

## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.41	-	-3.76
Beta	1.01	-	1.22
R-Squared	99.15	-	92.28
Standard Deviation	7.28	7.17	9.15
Sharpe Ratio	0.67	0.73	0.35
Tracking Error	0.68	-	3.21
Information Ratio	-0.55	-	-0.87
Up Capture Ratio	97.06	-	97.86
Down Capture Ratio	99.45	-	132.46

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.67	23.27	23.23
Price/Book Ratio	2.19	2.52	2.74
Avg Eff Duration	7.06	6.34	4.88

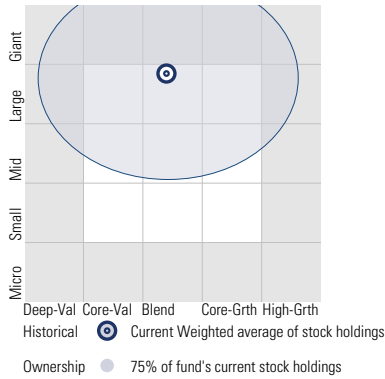
# Vanguard LifeStrategy Cnsvr Gr Inv VSCGX

**Morningstar Category**  
Allocation--30% to 50%  
Equity

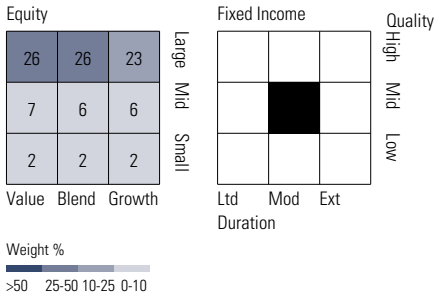
**Morningstar Index**  
Morningstar US Mod Con Tgt Alloc NR  
USD

## Style Analysis as of 09-30-2020

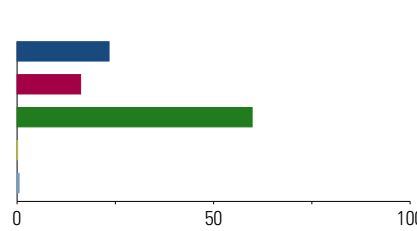
Morningstar Style Box™



## Style Breakdown

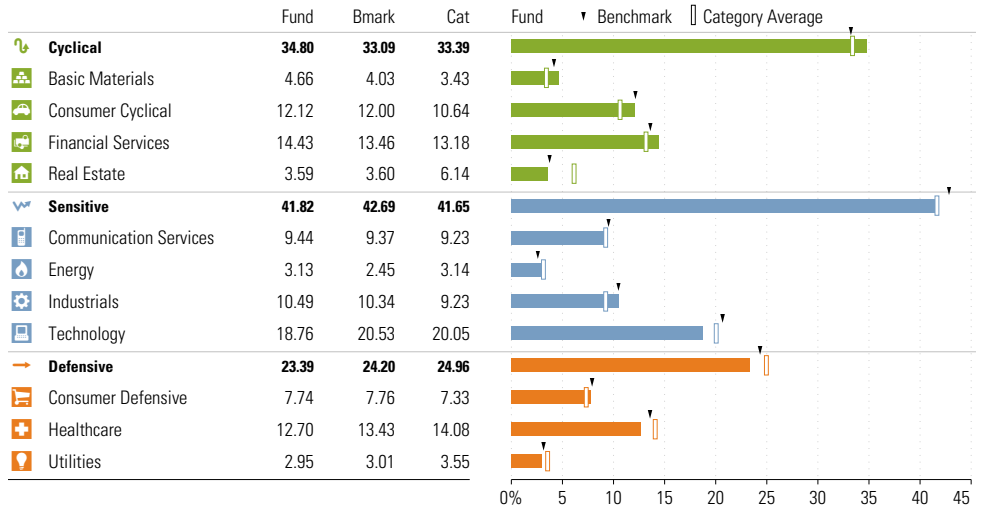


## Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	23.40	28.05
Non-US Stocks	16.16	7.44
Bonds	59.80	54.13
Cash	0.13	5.96
Other	0.51	4.43
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020



## Top 5 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Bond Market II Idx Inv	—	42.33	42.33	—	—
⊖ Vanguard Total Stock Mkt Idx Inv	—	23.56	65.89	—	—
⊕ Vanguard Total Intl Bd Idx Investor	—	18.02	83.90	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	16.10	100.00	—	—
⊖ Cashusd	—	0.00	100.00	—	—

## Total Holdings 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard LifeStrategy Growth Inv VASGX

**Morningstar Category**  
Allocation--70% to 85%  
Equity

**Morningstar Index**  
Morningstar US Mod Agg Tgt Alloc NR  
USD

## 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 26.02 years.

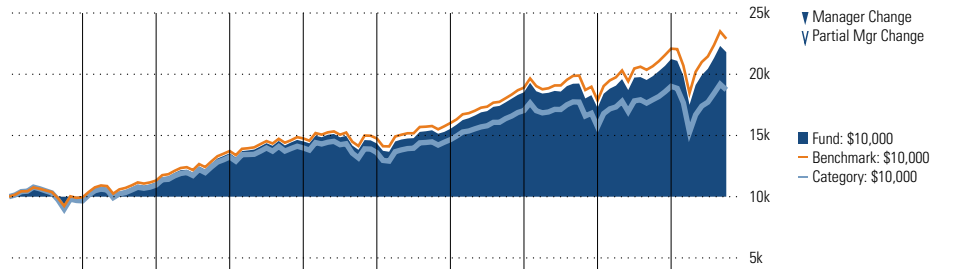
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.14 is 87.39% lower than the Allocation--70% to 85% Equity category average.

## Morningstar Investment Management LLC Analysis

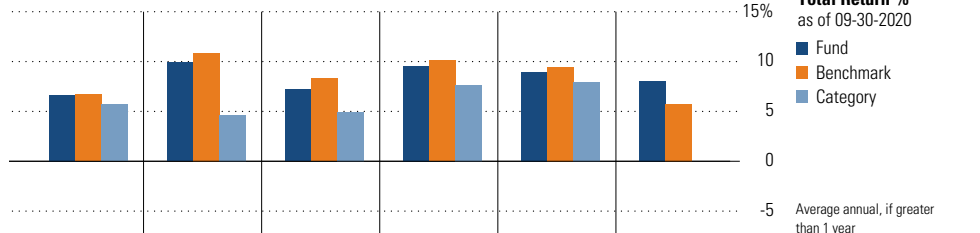
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Growth of \$10,000



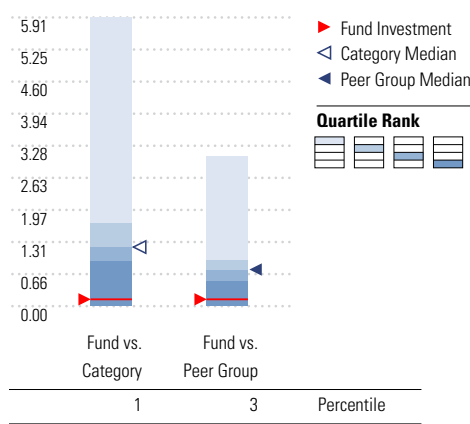
	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	Performance Quartile (Within Category)
											History
	-2.28	14.38	21.20	7.18	-1.17	8.33	19.21	-6.90	23.13	2.65	Total Return %
	-1.80	0.62	-0.07	-0.32	-1.14	-0.23	1.18	-1.37	-0.54	-1.02	+/- Benchmark
	1.52	0.96	-0.11	1.47	1.60	0.40	3.41	1.03	1.78	3.96	+/- Category
	34	37	53	20	30	34	20	34	32	27	Tot Ret % Rank in Cat
	358	376	397	393	415	374	343	348	333	326	# of Funds in Cat
	22	10	9	10	13	5	6	10	6	-	Turnover %
	-	-	-	-	-	-	-	-	-	-	Expense Ratio

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Total Return % as of 09-30-2020
	6.63	9.91	7.19	9.54	8.98	8.04	Fund Return %
	6.71	10.86	8.28	10.12	9.47	5.74	Benchmark Return %
	5.70	4.62	4.94	7.65	7.96	-	Category Average %
	28	23	23	18	19	-	% Rank in Category
	333	325	310	280	190	-	# of Funds in Category

## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-1.17	-	-3.25
Beta	1.02	-	1.05
R-Squared	99.43	-	95.87
Standard Deviation	13.94	13.58	14.57
Sharpe Ratio	0.45	0.53	0.31
Tracking Error	1.09	-	3.17
Information Ratio	-0.99	-	-1.04
Up Capture Ratio	97.80	-	93.27
Down Capture Ratio	103.57	-	110.23

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.70	23.29	23.33
Price/Book Ratio	2.20	2.55	2.60
Avg Eff Duration	7.05	6.37	4.85

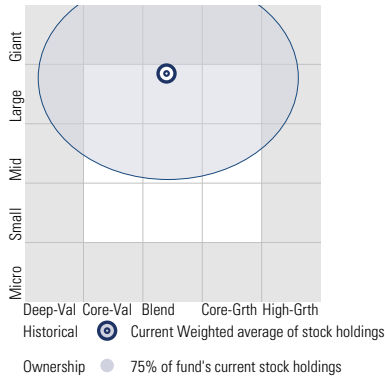
# Vanguard LifeStrategy Growth Inv VASGX

**Morningstar Category**  
Allocation--70% to 85%  
Equity

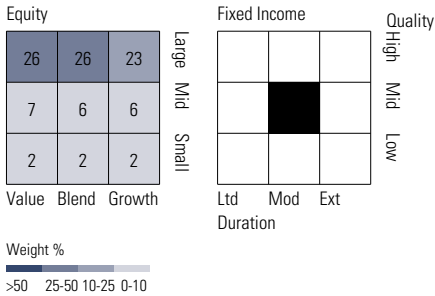
**Morningstar Index**  
Morningstar US Mod Agg Tgt Alloc NR  
USD

## Style Analysis as of 09-30-2020

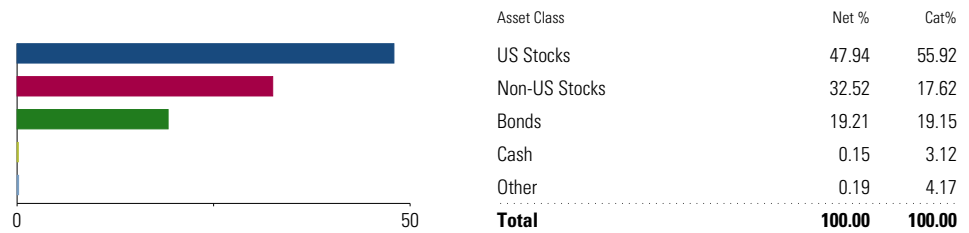
Morningstar Style Box™



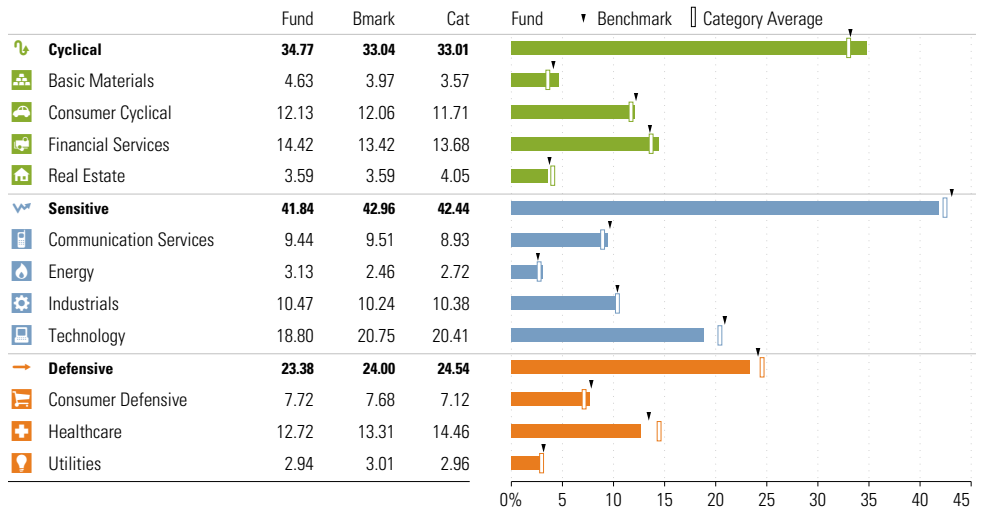
## Style Breakdown



## Asset Allocation as of 09-30-2020



## Sector Weighting as of 09-30-2020



## Top 5 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	—	48.26	48.26	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	32.37	80.64	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	13.70	94.34	—	—
⊕ Vanguard Total Intl Bd Idx Investor	—	5.66	100.00	—	—
⊖ Cashusd	—	0.00	100.00	—	—

## Total Holdings 5

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard LifeStrategy Income Inv VASIX

**Morningstar Category**  
Allocation--15% to 30%  
Equity

**Morningstar Index**  
Morningstar US Con Tgt Alloc NR USD

## 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 26.02 years.

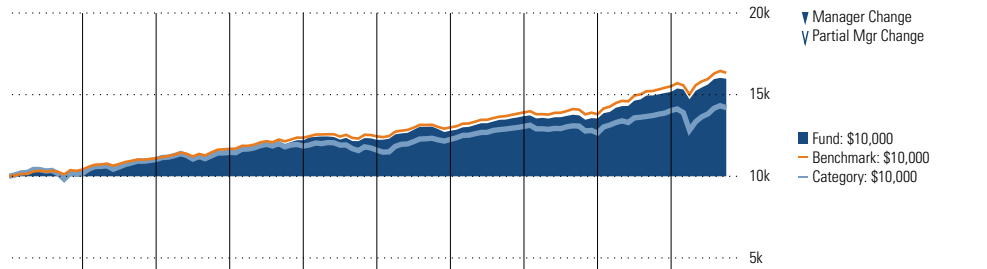
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.11 is 88.78% lower than the Allocation--15% to 30% Equity category average.

## Morningstar Investment Management LLC Analysis

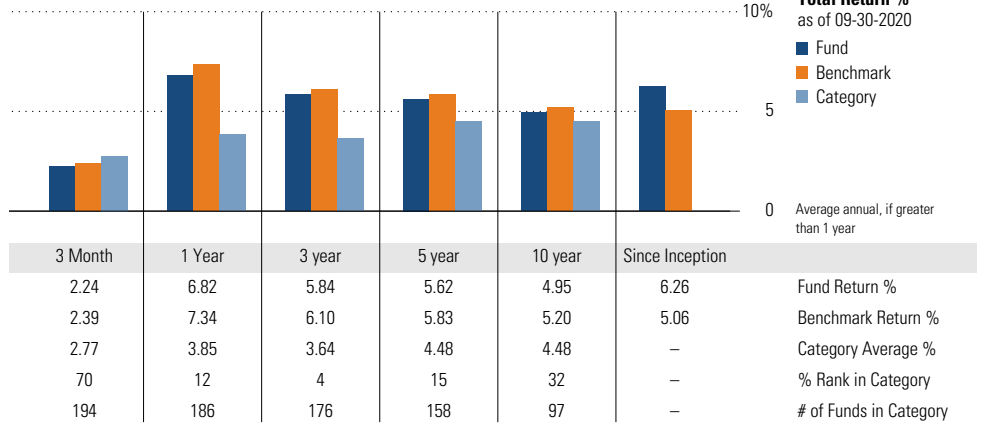
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Growth of \$10,000

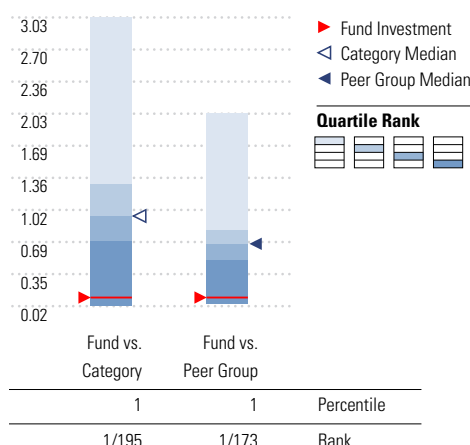


Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	Performance Quartile (Within Category)
History	3.77	6.54	3.40	6.76	0.22	4.58	6.98	-1.05	12.05	5.26	Total Return %
	-0.35	-0.02	-1.84	0.92	-0.51	0.17	-0.06	-0.24	-0.38	-0.06	+/- Benchmark
	1.76	-1.81	-0.62	3.22	2.29	-0.97	0.73	2.09	0.85	3.53	+/- Category
	15	78	68	4	8	65	49	11	35	9	Tot Ret % Rank in Cat
	152	196	219	222	240	219	191	188	189	187	# of Funds in Cat
	43	8	25	12	14	4	4	9	6	-	Turnover %
	-	-	-	-	-	-	-	-	-	-	Expense Ratio

## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.05	-	-4.38
Beta	0.97	-	1.37
R-Squared	96.63	-	85.76
Standard Deviation	4.42	4.48	6.66
Sharpe Ratio	0.94	0.98	0.38
Tracking Error	0.82	-	3.16
Information Ratio	-0.31	-	-0.86
Up Capture Ratio	93.18	-	99.35
Down Capture Ratio	88.41	-	166.81

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	21.67	23.89	23.53
Price/Book Ratio	2.19	2.61	2.56
Avg Eff Duration	7.06	6.39	3.76

# Vanguard LifeStrategy Income Inv VASIX

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

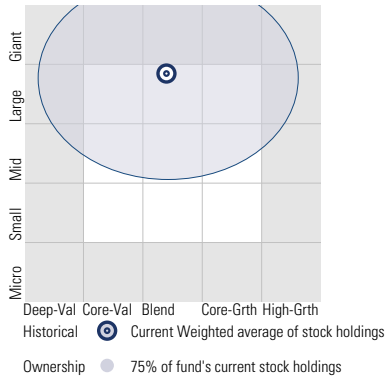
**Morningstar Index**

Morningstar US Con Tgt Alloc NR USD

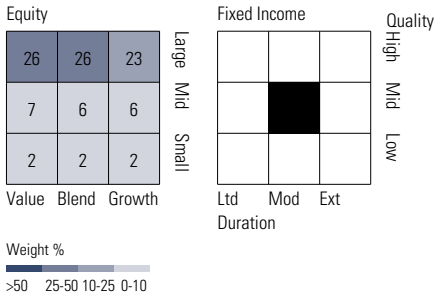
Equity

## Style Analysis as of 09-30-2020

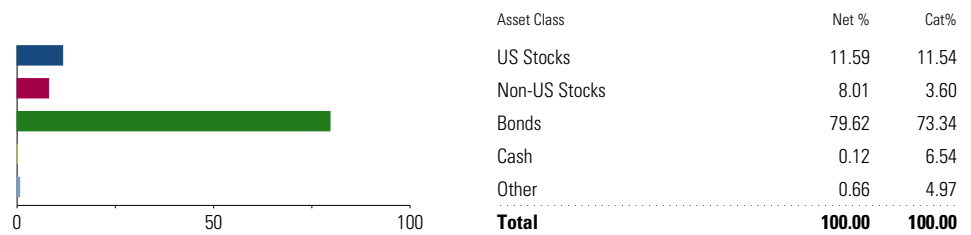
Morningstar Style Box™



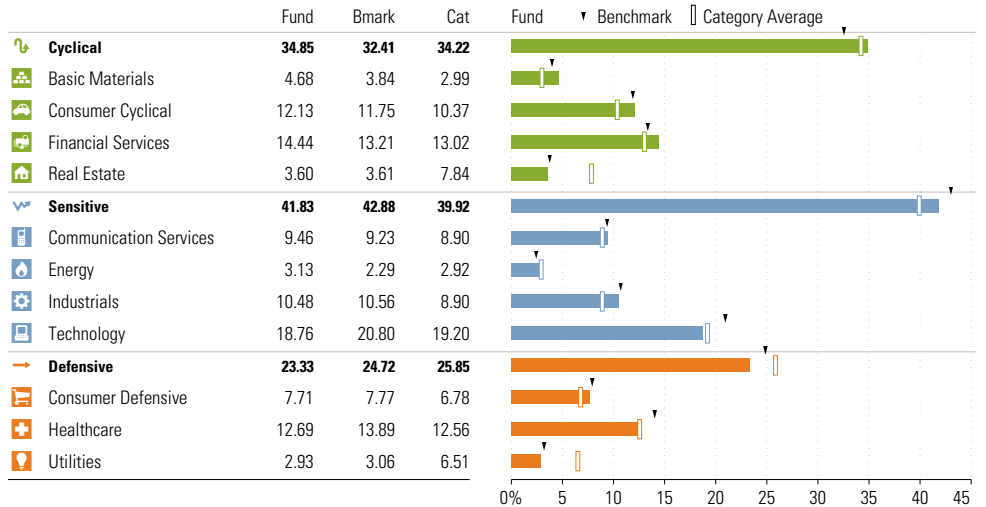
## Style Breakdown



## Asset Allocation as of 09-30-2020



## Sector Weighting as of 09-30-2020



## Top 5 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Bond Market II Idx Inv	—	56.18	56.18	—	—
⊕ Vanguard Total Intl Bd Idx Investor	—	24.18	80.36	—	—
⊕ Vanguard Total Stock Mkt Idx Inv	—	11.67	92.03	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	7.97	100.00	—	—
⊖ Cashusd	—	0.00	100.00	—	—

## Total Holdings 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard LifeStrategy Moderate Gr Inv VSMGX

**Morningstar Category**  
Allocation--50% to 70%  
Equity

**Morningstar Index**  
Morningstar US Mod Tgt Alloc NR 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 26.02 years.

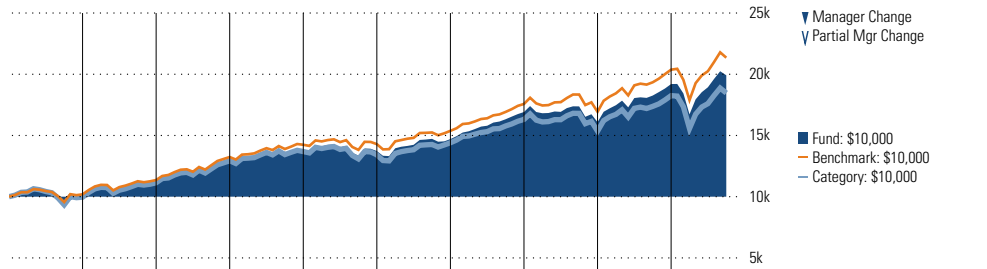
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.13 is 87.96% lower than the Allocation--50% to 70% Equity category average.

## Morningstar Investment Management LLC Analysis

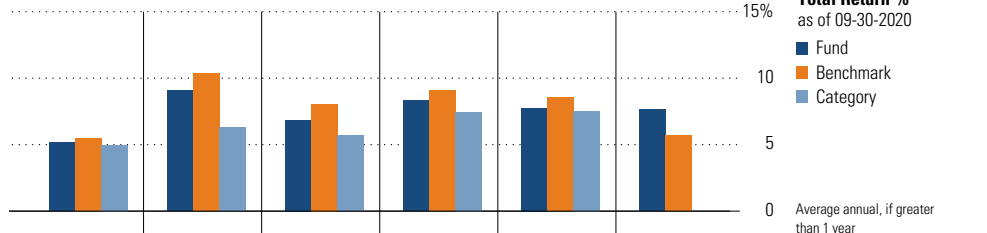
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Growth of \$10,000



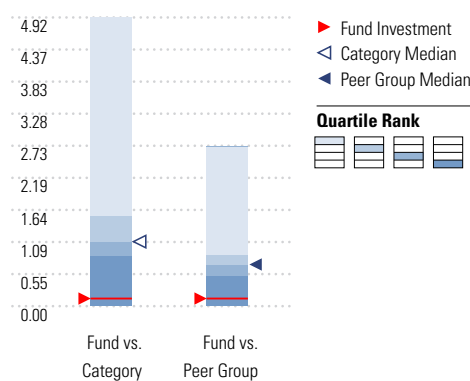
	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	Performance Quartile (Within Category)
	32	15	15	12	16	9	6	12	9	-	History
	0.26	11.76	15.04	7.07	-0.57	7.13	15.04	-4.91	19.37	3.72	Total Return %
	-1.66	0.29	-1.49	-0.50	-0.93	-0.47	0.76	-1.25	-0.96	-1.07	+/- Benchmark
	0.37	0.04	-1.44	0.86	1.36	-0.21	1.83	0.85	0.14	2.42	+/- Category
	45	56	68	38	32	42	26	39	53	35	Tot Ret % Rank in Cat
	733	731	789	757	798	742	720	729	696	684	# of Funds in Cat
	32	15	15	12	16	9	6	12	9	-	Turnover %
	-	-	-	-	-	-	-	-	-	-	Expense Ratio

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	
	5.17	9.07	6.85	8.32	7.76	7.62	Fund Return %
	5.45	10.38	8.06	9.08	8.52	5.71	Benchmark Return %
	4.97	6.28	5.71	7.45	7.53	-	Category Average %
	47	35	36	35	45	-	% Rank in Category
	695	676	638	582	414	-	# of Funds in Category

## Net Expense



	1	3	Percentile
	5/709	18/608	Rank

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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-1.02	-	-2.49
Beta	0.99	-	1.07
R-Squared	99.00	-	95.68
Standard Deviation	10.57	10.66	11.62
Sharpe Ratio	0.53	0.63	0.42
Tracking Error	1.07	-	2.68
Information Ratio	-1.13	-	-0.77
Up Capture Ratio	92.89	-	95.66
Down Capture Ratio	98.42	-	111.70

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.69	23.90	23.16
Price/Book Ratio	2.20	2.72	2.40
Avg Eff Duration	7.05	6.27	4.48

# Vanguard LifeStrategy Moderate Gr Inv VSMGX

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

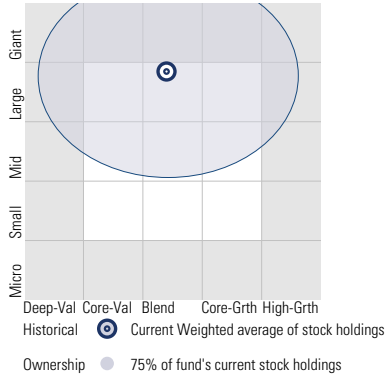
**Morningstar Index**

Morningstar US Mod Tgt Alloc NR USD

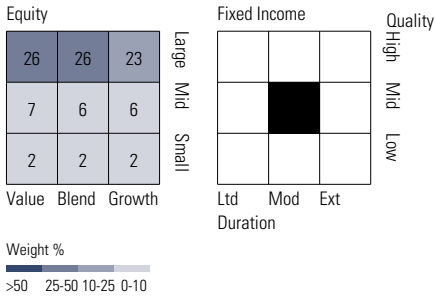
Equity

## Style Analysis as of 09-30-2020

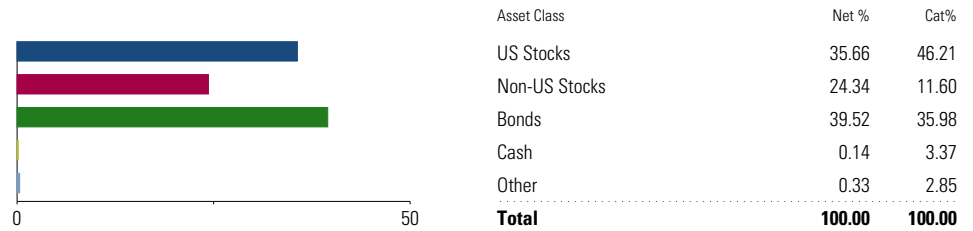
Morningstar Style Box™



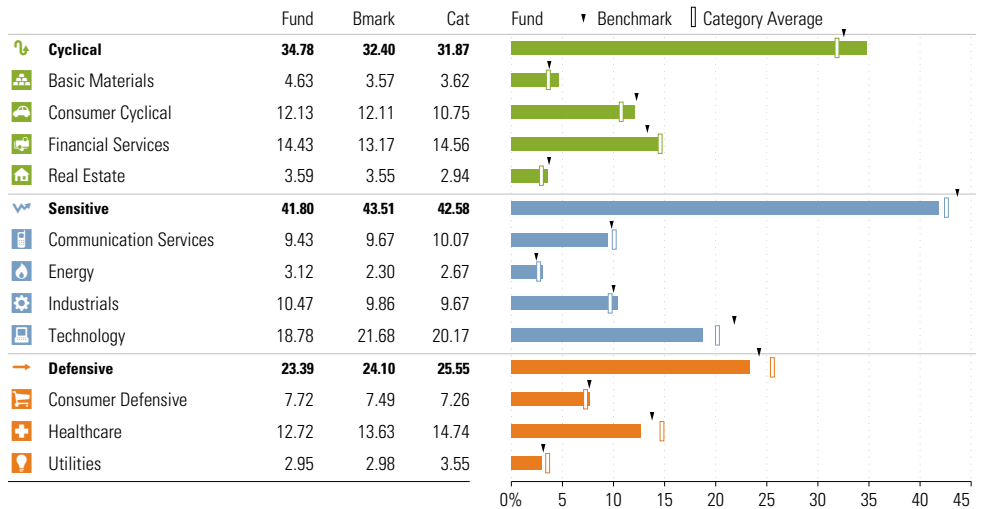
## Style Breakdown



## Asset Allocation as of 09-30-2020



## Sector Weighting as of 09-30-2020



## Top 5 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	—	35.90	35.90	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	28.07	63.97	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	24.23	88.20	—	—
⊕ Vanguard Total Intl Bd Idx Investor	—	11.80	100.00	—	—
⊕ Cashusd	—	0.00	100.00	—	—

## Total Holdings 5

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# 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 9 of the 9 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.61 years.

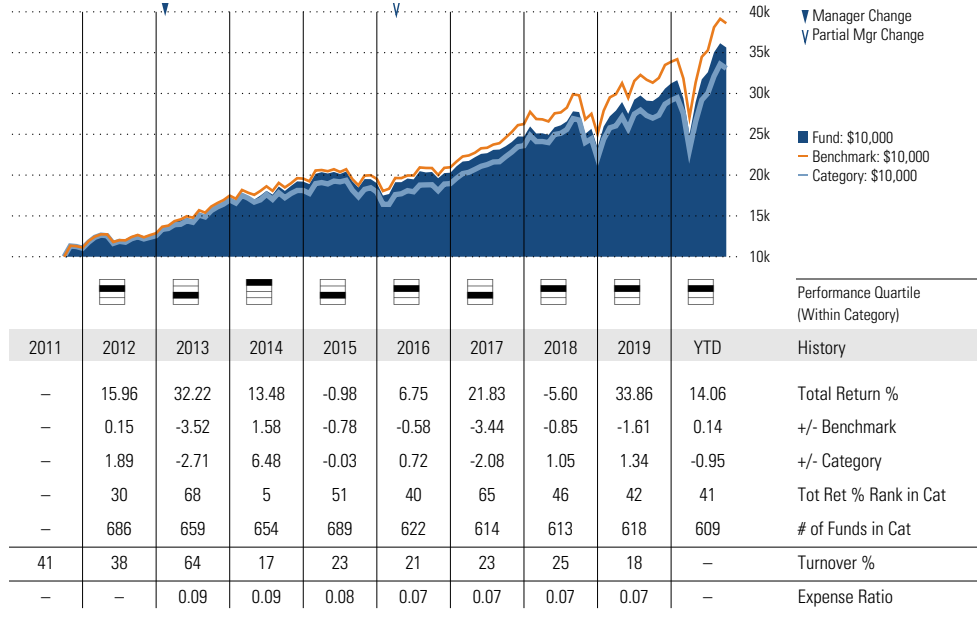
✔ **Style:** The fund has landed in its primary style box — Mid-Cap Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.07 is 93.81% lower than the Mid-Cap Growth category average.

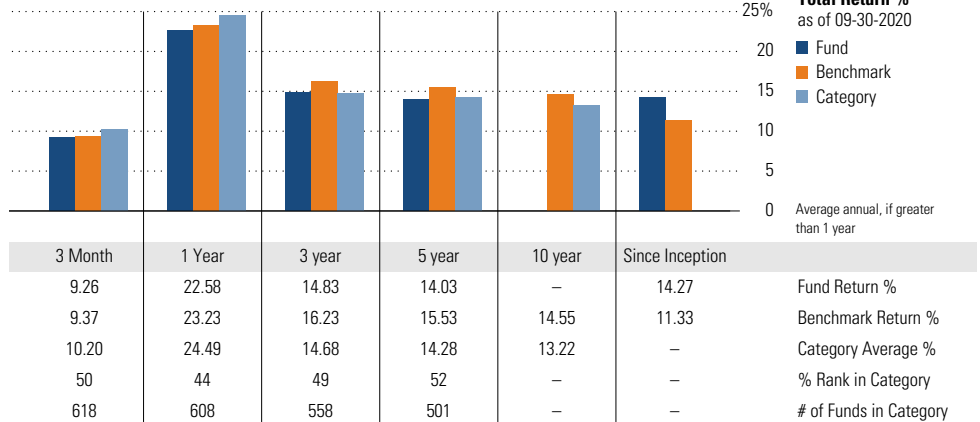
## Morningstar Investment Management LLC Analysis

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.

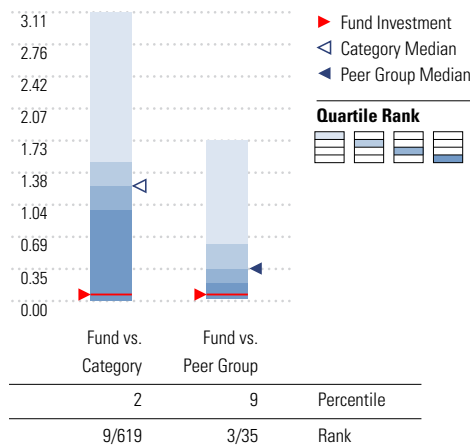
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.79	-	-0.25
Beta	0.97	-	1.00
R-Squared	99.00	-	93.30
Standard Deviation	20.01	20.56	21.38
Sharpe Ratio	0.71	0.76	0.71
Tracking Error	2.11	-	5.49
Information Ratio	-0.67	-	-0.26
Up Capture Ratio	94.79	-	99.38
Down Capture Ratio	97.25	-	101.19

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	35.64	31.13	35.56
Price/Book Ratio	5.65	7.17	5.36
Geom Avg Mkt Cap \$B	22.74	16.74	16.40
ROE	10.86	16.55	8.84

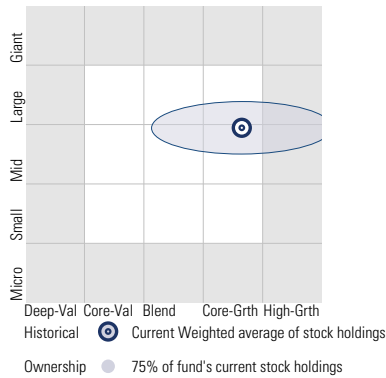
# Vanguard Mid-Cap Growth Index Admiral VMGMX

**Morningstar Category**  
Mid-Cap Growth

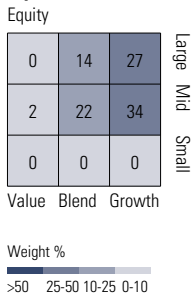
**Morningstar Index**  
Russell Mid Cap Growth TR USD

## Style Analysis as of 09-30-2020

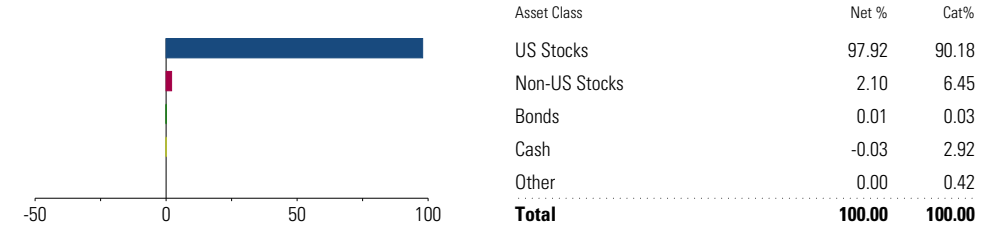
Morningstar Style Box™



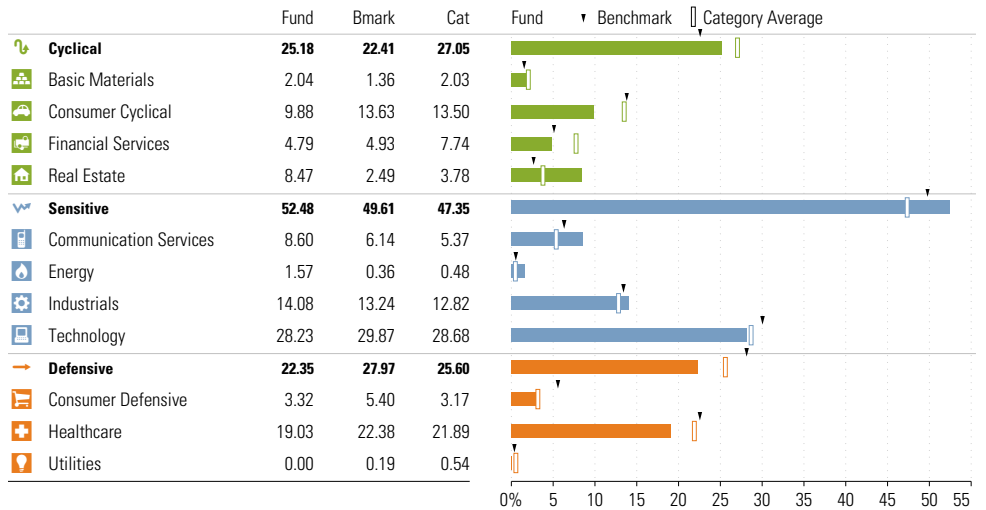
## Style Breakdown



## Asset Allocation as of 09-30-2020



## Sector Weighting as of 09-30-2020



## Top 15 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Digital Realty Trust Inc	1.54	1.54	25.37	Real Estate
⊕ DexCom Inc	1.54	3.08	88.46	Healthcare
⊕ Lululemon Athletica Inc	1.53	4.61	42.17	Consumer Cyclical
⊕ Veeva Systems Inc Class A	1.48	6.09	99.91	Healthcare
⊕ DocuSign Inc	1.48	7.57	190.43	Technology
⊕ SBA Communications Corp	1.39	8.96	32.73	Real Estate
⊕ Chipotle Mexican Grill Inc Class A	1.36	10.32	48.57	Consumer Cyclical
⊕ Twilio Inc A	1.33	11.65	151.41	Communication Svc
⊕ Centene Corp	1.32	12.97	-7.22	Healthcare
⊕ IDEXX Laboratories Inc	1.31	14.28	50.54	Healthcare
⊕ Twitter Inc	1.31	15.58	38.85	Communication Svc
⊕ CoStar Group Inc	1.30	16.89	41.82	Real Estate
⊕ Synopsys Inc	1.27	18.15	53.72	Technology
⊕ Amphenol Corp Class A	1.26	19.42	0.73	Technology
⊕ IQVIA Holdings Inc	1.18	20.59	2.02	Healthcare

**Total Holdings 160**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Mid-Cap Value Index Admiral VMVAX

**Morningstar Category**  
Mid-Cap Value

**Morningstar Index**  
Russell Mid Cap Value TR USD

## Portfolio Manager(s)

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

## Quantitative Screens

✔ **Performance:** The fund has finished in the Mid-Cap Value category's top three quartiles in 9 of the 9 years it's been in existence.

✔ **Management:** The fund's management has been in place for 14.13 years.

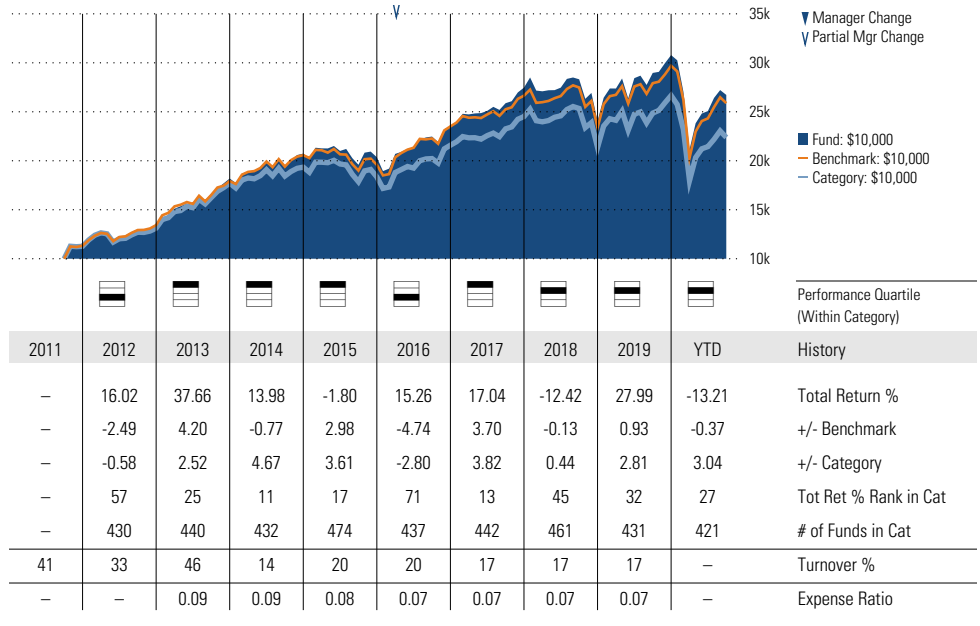
✔ **Style:** The fund has landed in its primary style box — Mid-Cap Value — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.07 is 93.2% lower than the Mid-Cap Value category average.

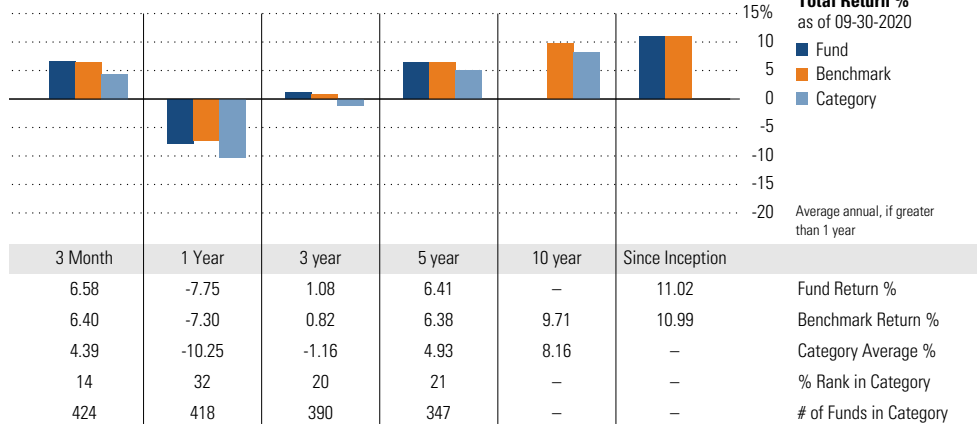
## Morningstar Investment Management LLC Analysis

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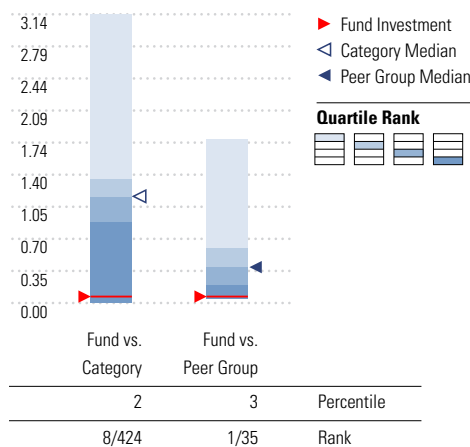
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.25	-	-1.98
Beta	0.99	-	1.02
R-Squared	99.18	-	96.44
Standard Deviation	21.38	21.45	22.27
Sharpe Ratio	0.09	0.07	-0.01
Tracking Error	1.95	-	4.57
Information Ratio	0.13	-	-0.44
Up Capture Ratio	100.01	-	98.57
Down Capture Ratio	99.03	-	106.74

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.76	21.21	17.47
Price/Book Ratio	1.82	2.11	1.67
Geom Avg Mkt Cap \$B	16.10	13.20	10.91
ROE	12.82	11.29	10.43

# Vanguard Mid-Cap Value Index Admiral VMVAX

Morningstar Category

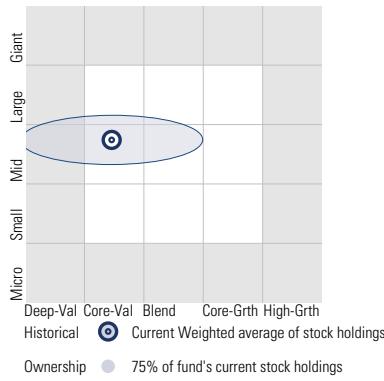
Mid-Cap Value

Morningstar Index

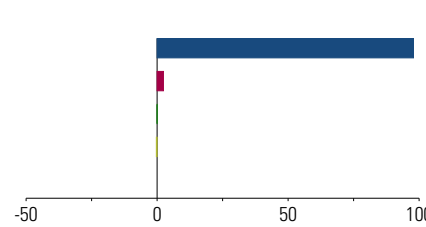
Russell Mid Cap Value TR USD

## Style Analysis as of 09-30-2020

Morningstar Style Box™



## Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	97.86	91.72
Non-US Stocks	2.42	5.80
Bonds	0.02	0.07
Cash	-0.29	1.86
Other	0.00	0.54
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Style Breakdown



## Sector Weighting as of 09-30-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>47.26</b>	<b>39.66</b>	<b>42.96</b>			
Basic Materials	5.96	4.67	4.99			
Consumer Cyclical	15.24	13.08	12.08			
Financial Services	16.73	12.41	18.41			
Real Estate	9.33	9.50	7.48			
<b>Sensitive</b>	<b>27.29</b>	<b>37.37</b>	<b>33.88</b>			
Communication Services	4.84	4.78	3.12			
Energy	3.81	2.90	3.42			
Industrials	9.41	17.39	16.98			
Technology	9.23	12.30	10.36			
<b>Defensive</b>	<b>25.44</b>	<b>22.96</b>	<b>23.15</b>			
Consumer Defensive	5.33	5.63	6.38			
Healthcare	6.77	10.08	10.10			
Utilities	13.34	7.25	6.67			

## Top 15 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ WEC Energy Group Inc	1.34	1.34	7.12	Utilities
⊖ Eversource Energy	1.26	2.60	-0.45	Utilities
⊖ Willis Towers Watson PLC	1.18	3.78	4.42	Financial Services
⊖ Motorola Solutions Inc	1.17	4.95	-1.50	Technology
⊖ Clorox Co	1.16	6.11	38.99	Consumer Defensive
⊖ Carrier Global Corp Ordinary Shares	1.16	7.27	—	Industrials
⊖ American Water Works Co Inc	1.15	8.42	19.23	Utilities
⊖ D.R. Horton Inc	1.15	9.57	44.37	Consumer Cyclical
⊖ Best Buy Co Inc	1.14	10.70	28.63	Consumer Cyclical
⊖ Aptiv PLC	1.09	11.79	-3.23	Consumer Cyclical
⊕ Corning Inc	1.08	12.87	13.60	Technology
⊖ Freeport-McMoRan Inc	1.00	13.87	19.59	Basic Materials
⊖ Lennar Corp	0.98	14.85	47.08	Consumer Cyclical
⊖ DTE Energy Co	0.97	15.82	-9.08	Utilities
⊕ Corteva Inc	0.95	16.77	-1.22	Basic Materials

Total Holdings 210

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Real Estate Index Admiral VGSLX

**Morningstar Category**  
Real Estate

**Morningstar Index**  
S&P United States REIT TR USD

## Portfolio Manager(s)

Gerard O'Reilly since 05-1996

Walter Nejman since 05-2016

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 24.4 years.

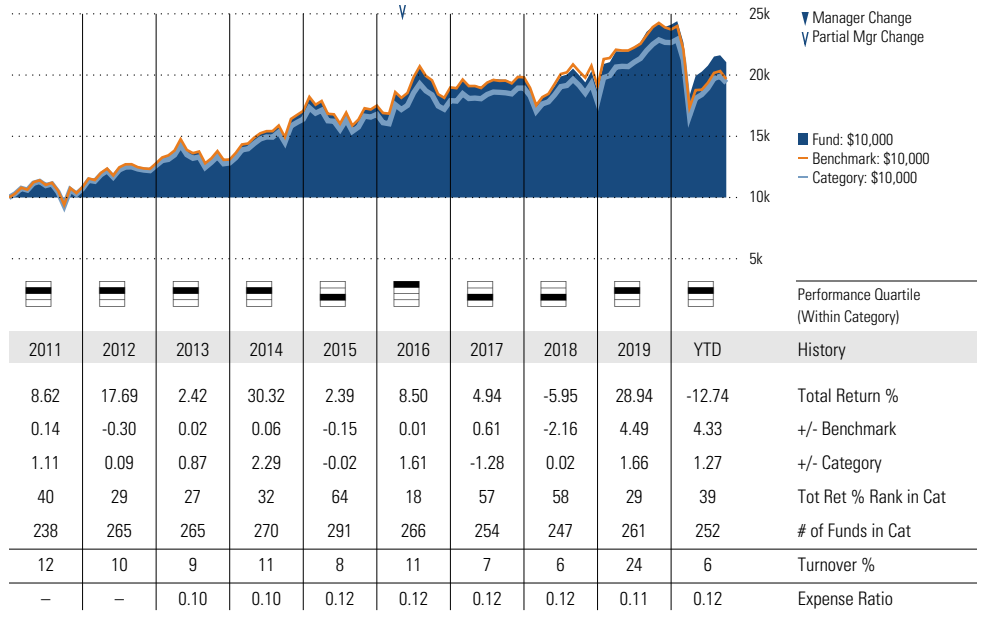
✔ **Style:** The fund has landed in its primary style box — Mid-Cap Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.12 is 89.09% lower than the Real Estate category average.

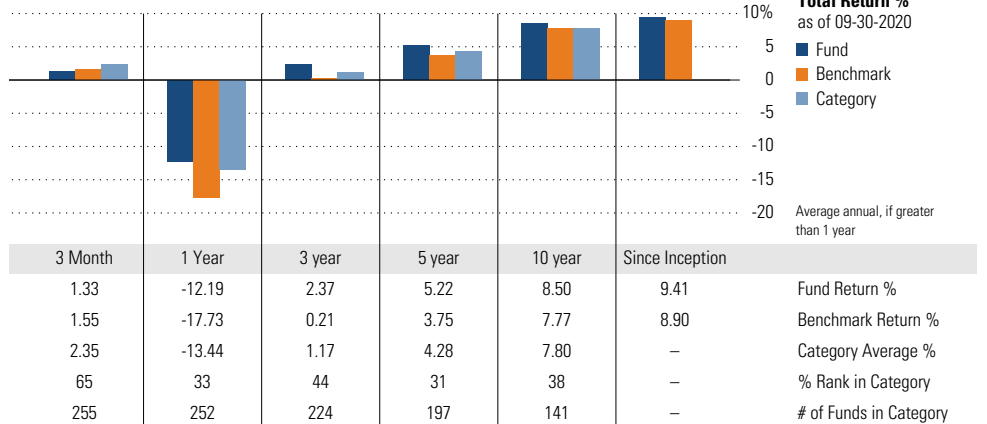
## Morningstar Investment Management LLC Analysis

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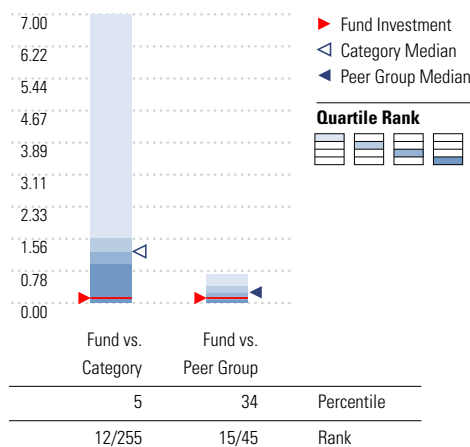
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	2.03	-	1.73
Beta	0.94	-	0.92
R-Squared	98.71	-	94.44
Standard Deviation	18.01	19.03	18.15
Sharpe Ratio	0.13	0.03	0.13
Tracking Error	2.35	-	4.55
Information Ratio	0.92	-	0.40
Up Capture Ratio	100.14	-	96.34
Down Capture Ratio	90.62	-	88.90

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	30.57	38.46	30.38
Price/Book Ratio	2.28	2.42	2.41
Geom Avg Mkt Cap \$B	17.62	9.35	19.62
ROE	11.89	9.56	12.16

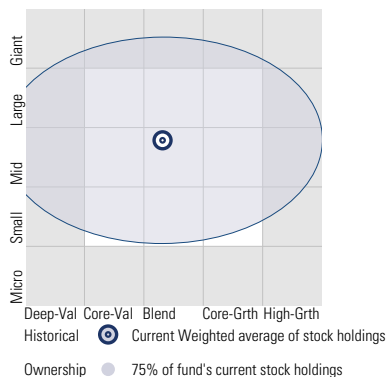
# Vanguard Real Estate Index Admiral VGSLX

**Morningstar Category**  
Real Estate

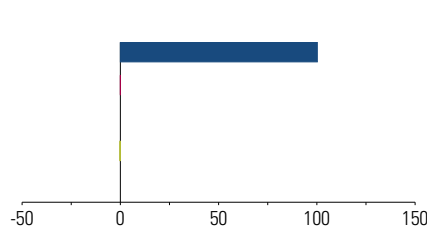
**Morningstar Index**  
S&P United States REIT TR USD

## Style Analysis as of 09-30-2020

Morningstar Style Box™



## Asset Allocation as of 09-30-2020

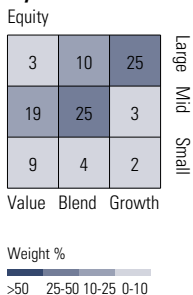


Asset Class	Net %	Cat%
US Stocks	100.23	90.22
Non-US Stocks	0.03	1.07
Bonds	0.00	3.23
Cash	-0.27	1.50
Other	0.00	3.98
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>99.97</b>	<b>99.13</b>	<b>99.20</b>			
Basic Materials	0.00	0.00	0.07			
Consumer Cyclical	0.00	0.13	1.06			
Financial Services	0.01	0.00	0.11			
Real Estate	99.96	99.00	97.96			
<b>Sensitive</b>	<b>0.03</b>	<b>0.87</b>	<b>0.74</b>			
Communication Services	0.00	0.00	0.17			
Energy	0.00	0.00	0.02			
Industrials	0.03	0.87	0.18			
Technology	0.00	0.00	0.37			
<b>Defensive</b>	<b>0.00</b>	<b>0.00</b>	<b>0.07</b>			
Consumer Defensive	0.00	0.00	0.00			
Healthcare	0.00	0.00	0.00			
Utilities	0.00	0.00	0.07			

## Style Breakdown



## Top 15 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Real Estate II Index	12.36	12.36	-	-
⊖ American Tower Corp	8.52	20.88	6.63	Real Estate
⊖ Prologis Inc	5.91	26.79	14.83	Real Estate
⊖ Crown Castle International Corp	5.52	32.31	19.66	Real Estate
⊖ Equinix Inc	5.35	37.66	31.59	Real Estate
⊖ Digital Realty Trust Inc	2.96	40.62	25.37	Real Estate
⊖ SBA Communications Corp	2.83	43.45	32.73	Real Estate
⊖ Public Storage	2.70	46.15	7.40	Real Estate
⊖ Welltower Inc	1.83	47.98	-30.08	Real Estate
⊖ Weyerhaeuser Co	1.69	49.68	-4.44	Real Estate
⊖ AvalonBay Communities Inc	1.67	51.35	-26.51	Real Estate
⊖ Realty Income Corp	1.66	53.01	-14.64	Real Estate
⊖ Alexandria Real Estate Equities Inc	1.61	54.61	0.97	Real Estate
⊖ Simon Property Group Inc	1.57	56.18	-54.30	Real Estate
⊖ Equity Residential	1.52	57.70	-34.33	Real Estate

**Total Holdings 183**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2015 Inv VTXVX

**Morningstar Category**  
Target-Date 2015

**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 7.61 years.

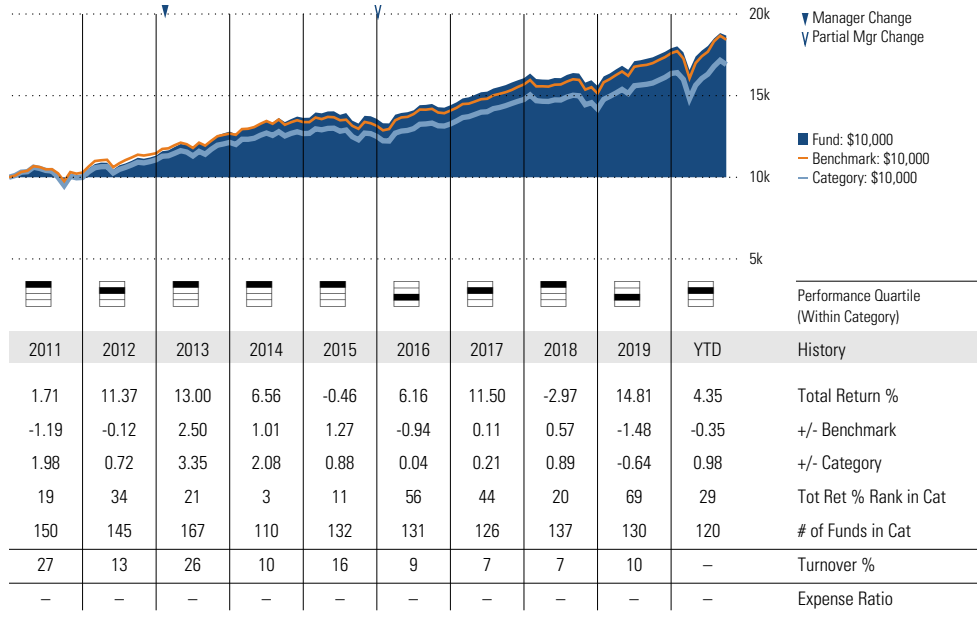
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.13 is 79.69% 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.

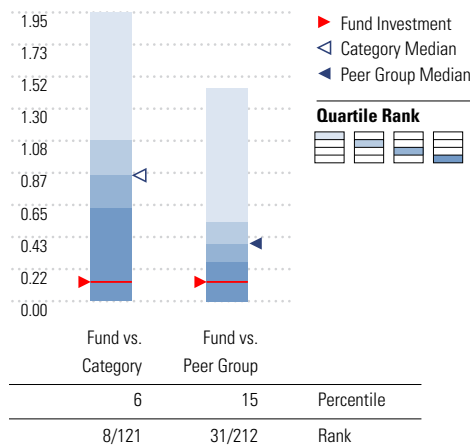
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.36	-	-1.01
Beta	0.86	-	1.01
R-Squared	99.24	-	97.76
Standard Deviation	6.94	8.01	8.17
Sharpe Ratio	0.65	0.64	0.51
Tracking Error	1.25	-	1.43
Information Ratio	-0.41	-	-0.74
Up Capture Ratio	88.54	-	95.01
Down Capture Ratio	85.42	-	103.81

## Portfolio Metrics

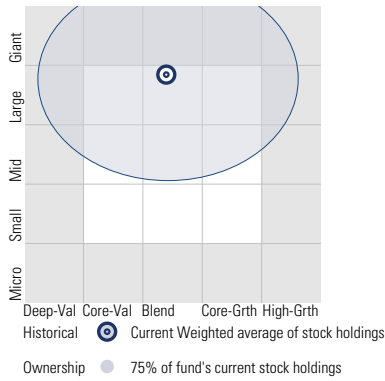
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	21.59	21.47	21.78
Price/Book Ratio	2.18	2.16	2.33
Avg Eff Duration	6.12	8.07	4.46

# Vanguard Target Retirement 2015 Inv VTXVX

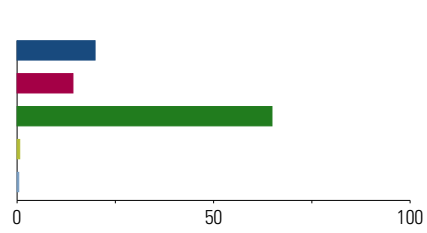
**Morningstar Category**  
Target-Date 2015

**Morningstar Index**  
Morningstar Lifetime Mod 2015 TR USD

**Style Analysis** as of 09-30-2020  
Morningstar Style Box™

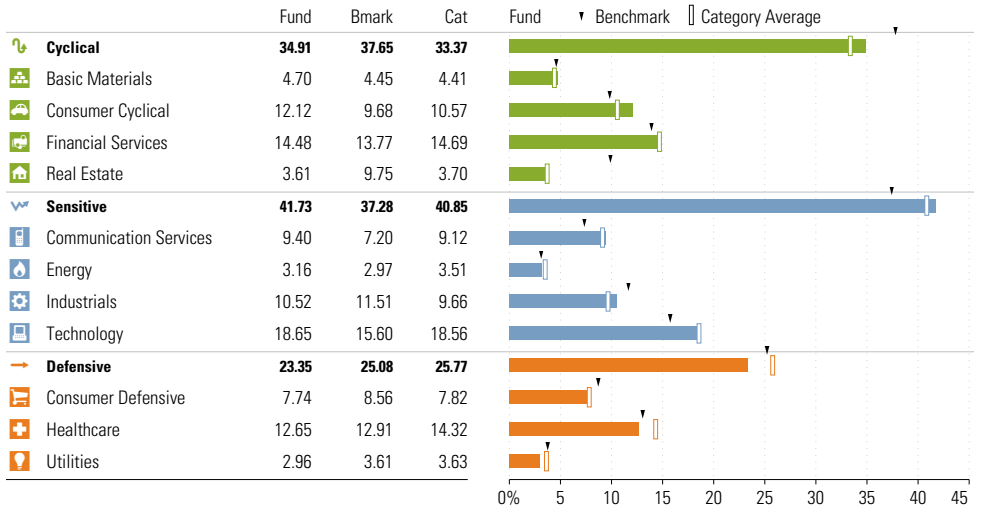


**Asset Allocation** as of 09-30-2020

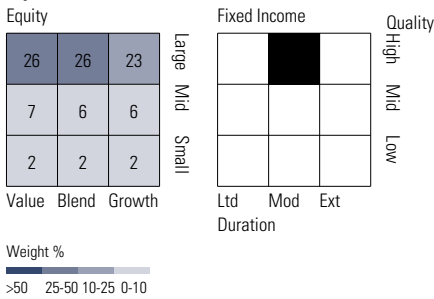


Asset Class	Net %	Cat%
US Stocks	19.84	25.69
Non-US Stocks	14.21	15.42
Bonds	64.85	49.08
Cash	0.67	5.74
Other	0.42	4.08
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2020



**Style Breakdown**



**Top 6 Holdings** as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	-	35.69	35.69	-	-
⊖ Vanguard Total Stock Mkt Idx Inv	-	19.97	55.67	-	-
⊕ Vanguard Total Intl Bd Idx Investor	-	15.30	70.96	-	-
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Inv	-	14.88	85.84	-	-
⊖ Vanguard Total Intl Stock Index Inv	-	14.16	100.00	-	-
⊖ Cashusd	-	0.00	100.00	-	-

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2020 Inv VTWNX

**Morningstar Category**  
Target-Date 2020

**Morningstar Index**  
Morningstar Lifetime Mod 2020 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 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 7.61 years.

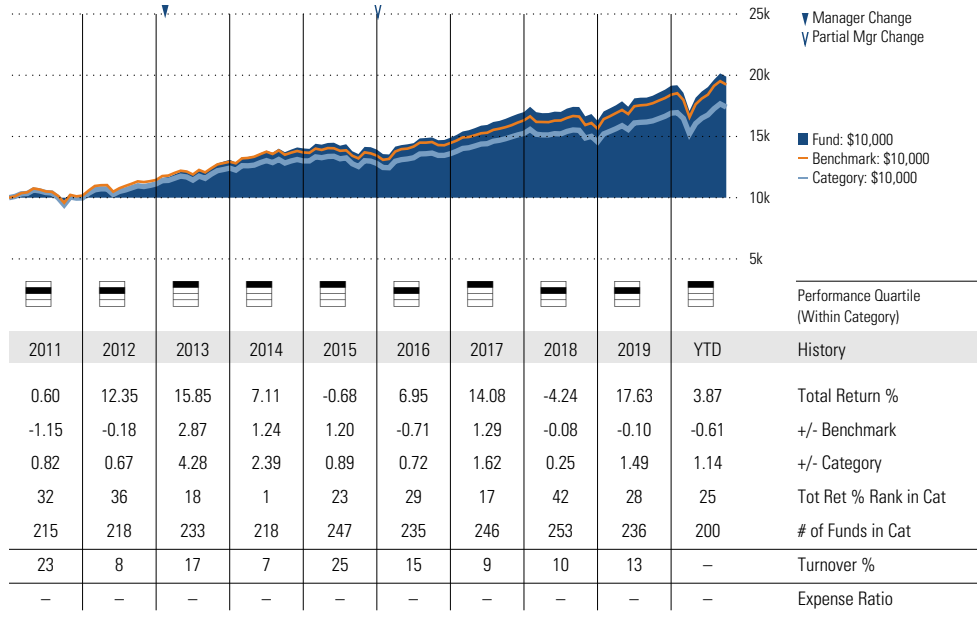
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.13 is 81.94% lower than the Target-Date 2020 category average.

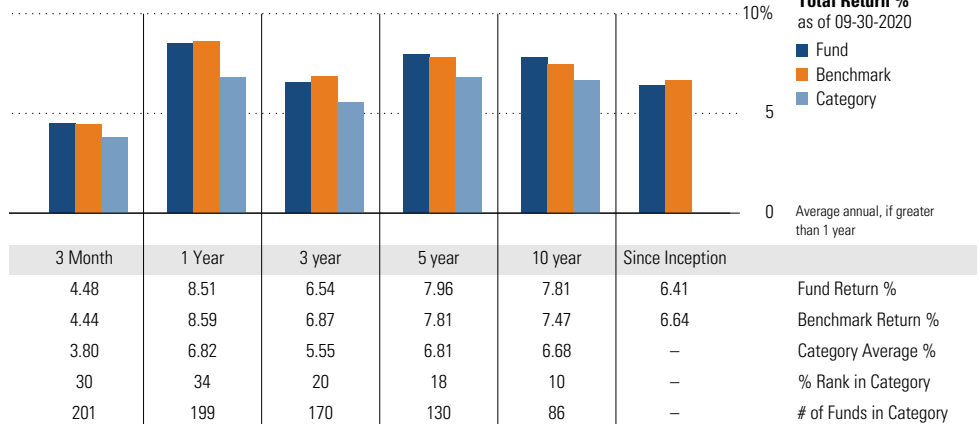
## Morningstar Investment Management LLC Analysis

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.

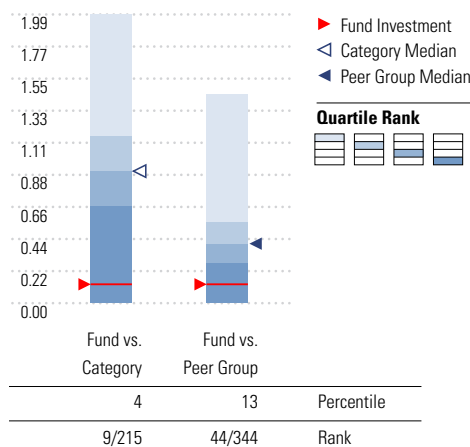
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.42	-	-1.04
Beta	1.02	-	0.93
R-Squared	98.81	-	95.56
Standard Deviation	9.14	8.91	8.43
Sharpe Ratio	0.56	0.61	0.45
Tracking Error	1.01	-	2.06
Information Ratio	-0.32	-	-0.79
Up Capture Ratio	101.10	-	87.78
Down Capture Ratio	105.50	-	96.31

## Portfolio Metrics

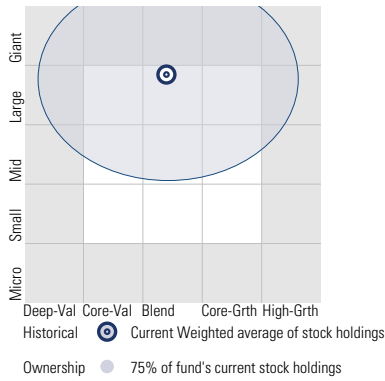
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	21.65	21.33	22.48
Price/Book Ratio	2.19	2.13	2.37
Avg Eff Duration	6.38	9.25	5.13

# Vanguard Target Retirement 2020 Inv VTWNX

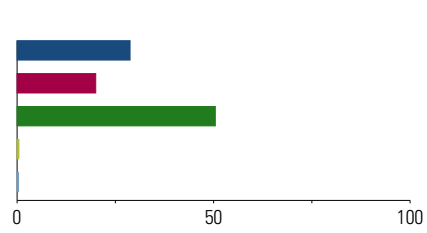
**Morningstar Category**  
Target-Date 2020

**Morningstar Index**  
Morningstar Lifetime Mod 2020 TR USD

**Style Analysis** as of 09-30-2020  
Morningstar Style Box™

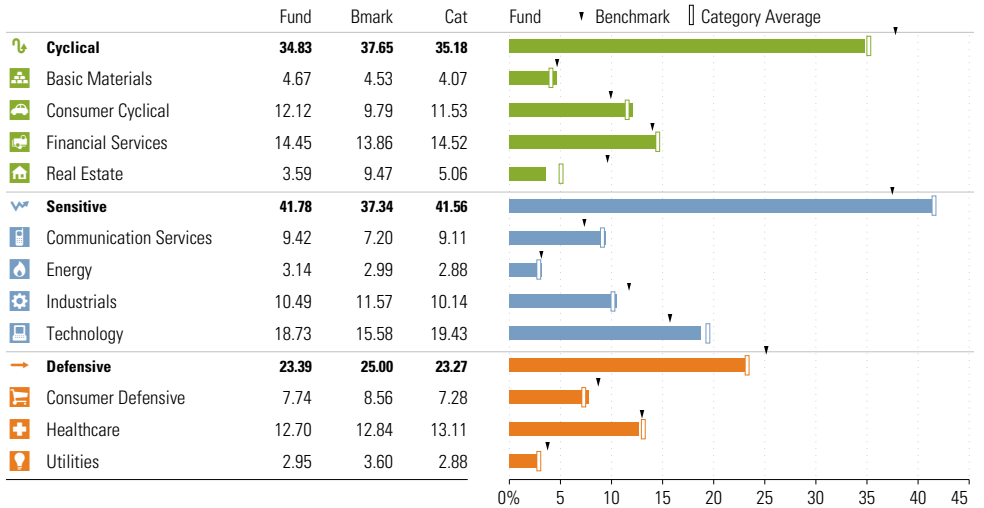


**Asset Allocation** as of 09-30-2020

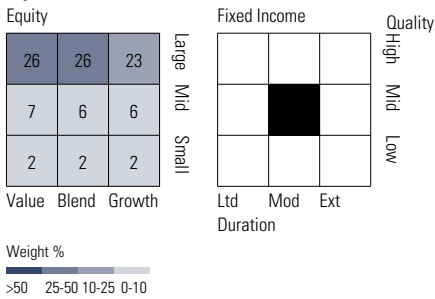


Asset Class	Net %	Cat%
US Stocks	28.74	27.34
Non-US Stocks	20.01	14.95
Bonds	50.43	45.94
Cash	0.45	5.14
Other	0.36	6.63
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2020



**Style Breakdown**



**Top 6 Holdings** as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	-	29.80	29.80	-	-
⊖ Vanguard Total Stock Mkt Idx Inv	-	28.93	58.74	-	-
⊖ Vanguard Total Intl Stock Index Inv	-	19.93	78.67	-	-
⊕ Vanguard Total Intl Bd Idx Investor	-	12.87	91.54	-	-
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Inv	-	8.46	100.00	-	-
⊖ Cashusd	-	0.00	100.00	-	-

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# 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 7.61 years.

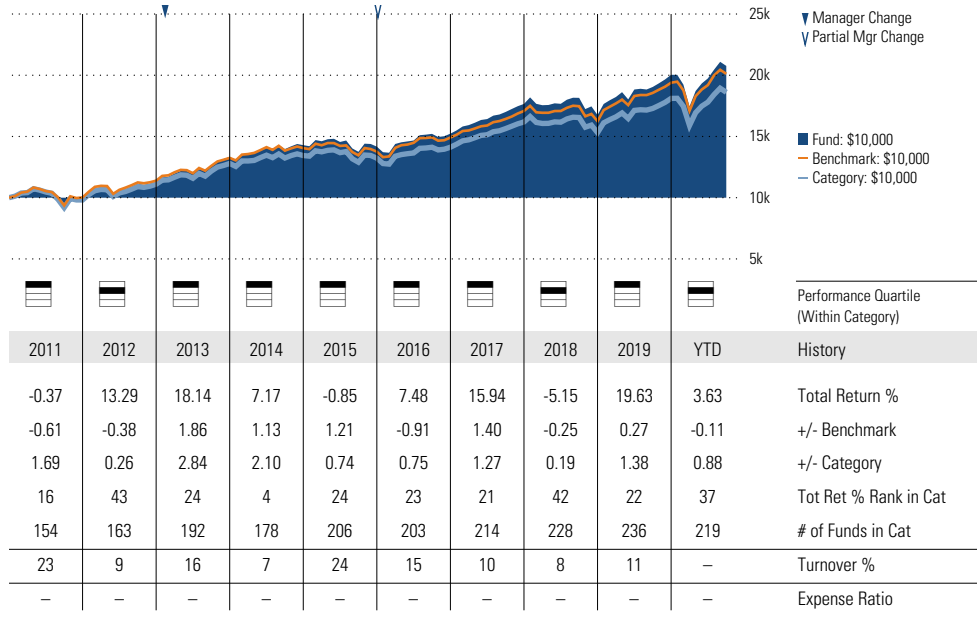
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.13 is 81.69% 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.

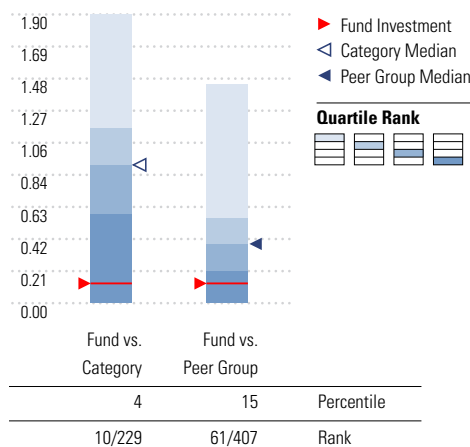
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.42	-	-0.97
Beta	1.05	-	1.00
R-Squared	99.04	-	97.86
Standard Deviation	10.72	10.11	10.17
Sharpe Ratio	0.53	0.56	0.46
Tracking Error	1.19	-	1.75
Information Ratio	-0.07	-	-0.62
Up Capture Ratio	105.17	-	96.02
Down Capture Ratio	109.38	-	103.60

## Portfolio Metrics

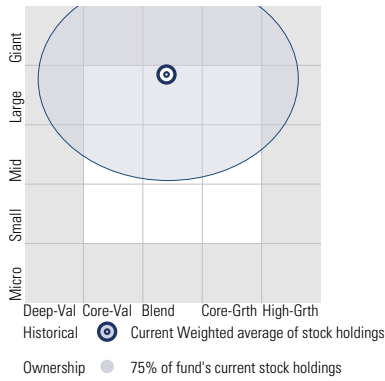
	Fund	Bmark	Cat
Price/Earnings Ratio	21.69	21.19	22.45
Price/Book Ratio	2.20	2.11	2.38
Avg Eff Duration	7.01	10.19	5.85

# Vanguard Target Retirement 2025 Inv VTTVX

**Morningstar Category**  
Target-Date 2025

**Morningstar Index**  
Morningstar Lifetime Mod 2025 TR USD

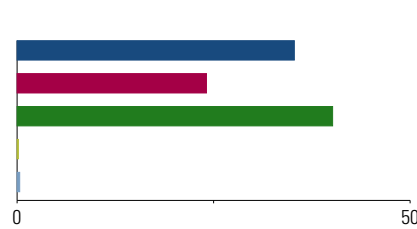
**Style Analysis** as of 09-30-2020  
Morningstar Style Box™



**Style Breakdown**

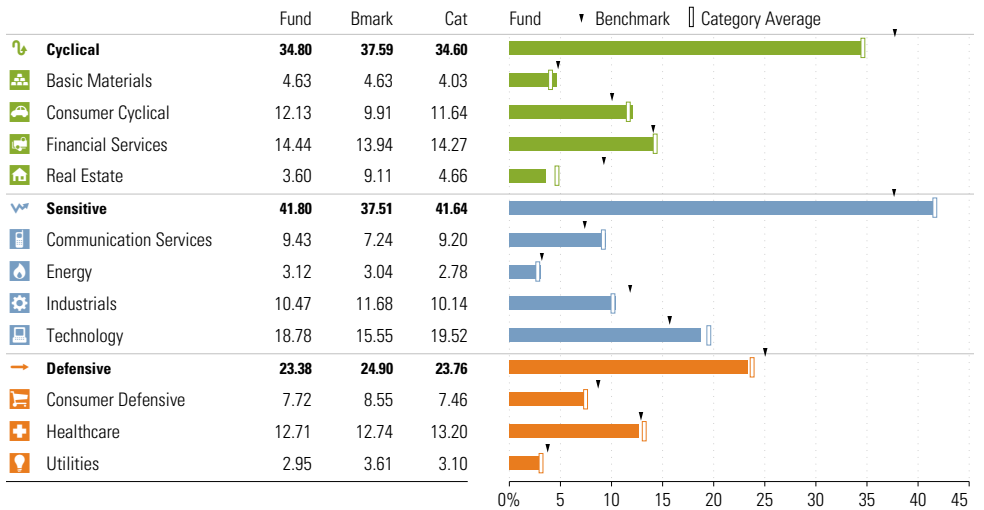


**Asset Allocation** as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	35.27	32.64
Non-US Stocks	24.09	17.53
Bonds	40.14	36.71
Cash	0.16	3.65
Other	0.33	9.47
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2020



**Top 6 Holdings** as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	-	35.50	35.50	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	28.01	63.52	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	23.99	87.50	-	-
⊕ Vanguard Total Intl Bd Idx Investor	-	12.00	99.51	-	-
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Inv	-	0.49	100.00	-	-
⊕ Cashusd	-	0.00	100.00	-	-

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# 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

✔ **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 7.61 years.

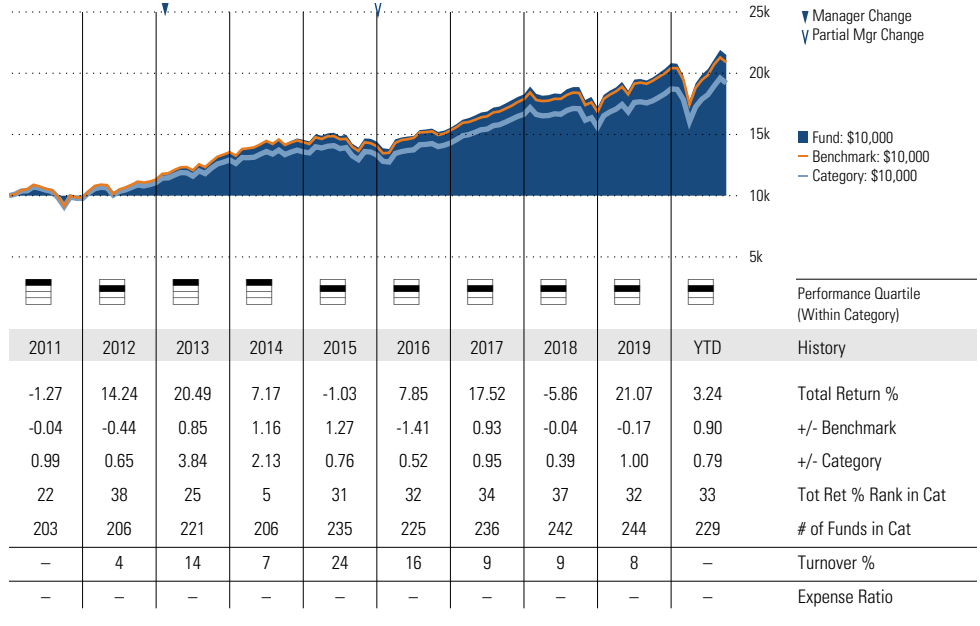
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.14 is 81.33% 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.

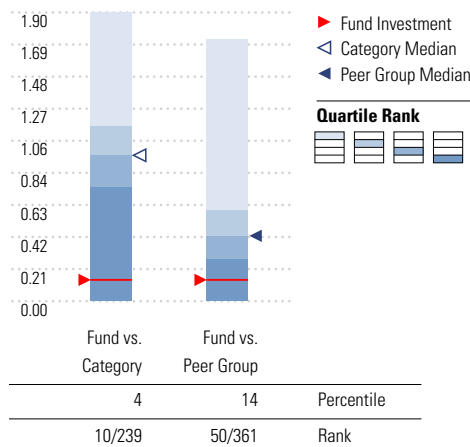
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.03	-	-0.63
Beta	1.02	-	0.99
R-Squared	99.37	-	97.91
Standard Deviation	11.99	11.74	11.70
Sharpe Ratio	0.49	0.49	0.43
Tracking Error	0.97	-	1.82
Information Ratio	0.15	-	-0.42
Up Capture Ratio	103.55	-	97.85
Down Capture Ratio	104.23	-	102.68

## Portfolio Metrics

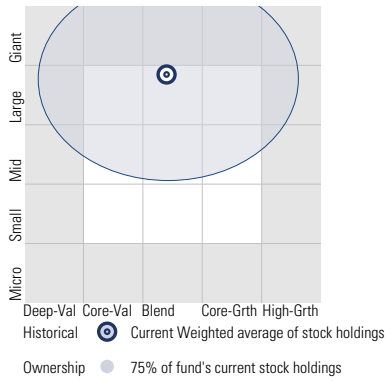
	Fund	Bmark	Cat
Price/Earnings Ratio	21.72	21.04	22.45
Price/Book Ratio	2.20	2.09	2.38
Avg Eff Duration	7.07	10.91	5.92

# Vanguard Target Retirement 2030 Inv VTHRX

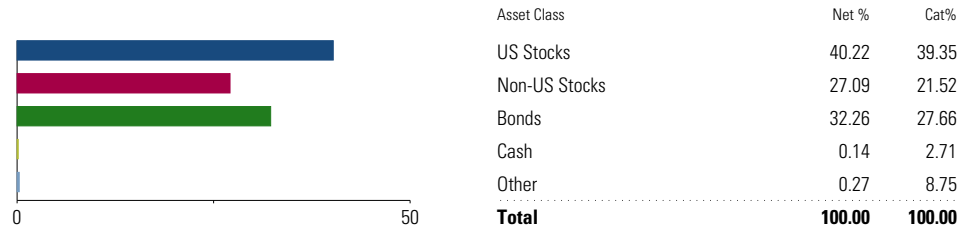
**Morningstar Category**  
Target-Date 2030

**Morningstar Index**  
Morningstar Lifetime Mod 2030 TR USD

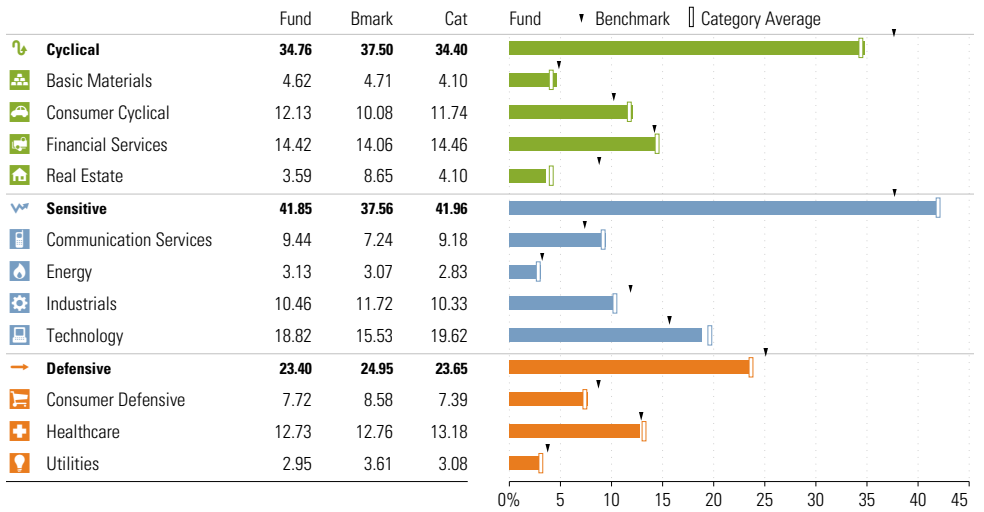
**Style Analysis** as of 09-30-2020  
Morningstar Style Box™



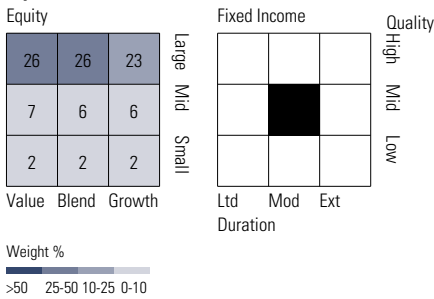
**Asset Allocation** as of 09-30-2020



**Sector Weighting** as of 09-30-2020



**Style Breakdown**



**Top 5 Holdings** as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	-	40.49	40.49	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	26.97	67.46	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	22.69	90.15	-	-
⊕ Vanguard Total Intl Bd Idx Investor	-	9.85	100.00	-	-
⊖ Cashusd	-	0.00	100.00	-	-

**Total Holdings** 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# 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

✔ **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 7.61 years.

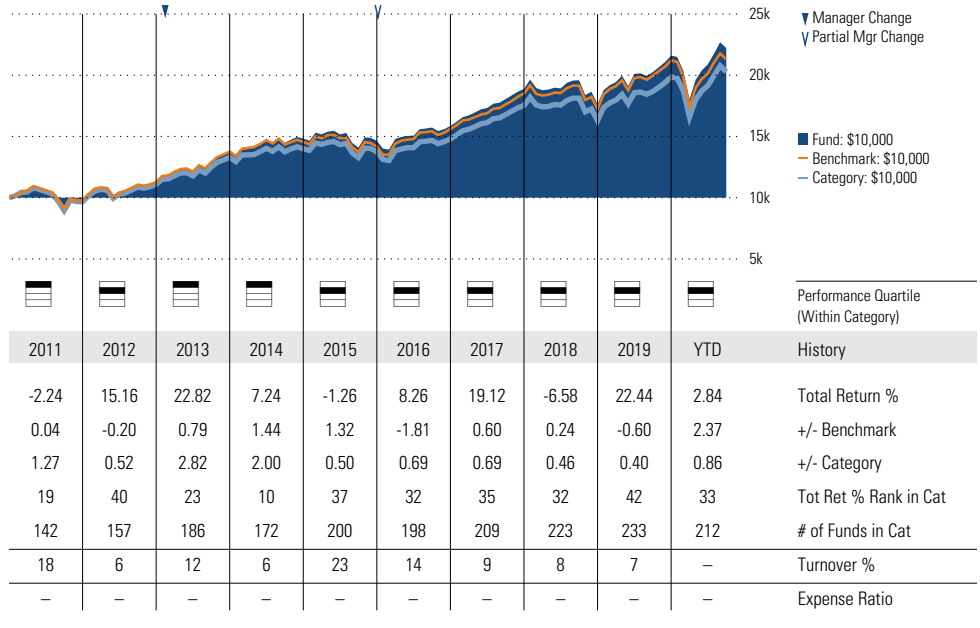
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.14 is 81.08% 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.

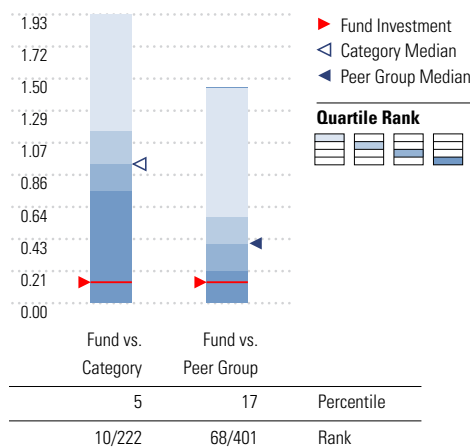
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.71	-	-0.01
Beta	0.98	-	0.99
R-Squared	99.53	-	98.95
Standard Deviation	13.26	13.55	13.52
Sharpe Ratio	0.47	0.42	0.41
Tracking Error	0.96	-	1.65
Information Ratio	0.64	-	-0.06
Up Capture Ratio	100.62	-	99.61
Down Capture Ratio	96.96	-	99.83

## Portfolio Metrics

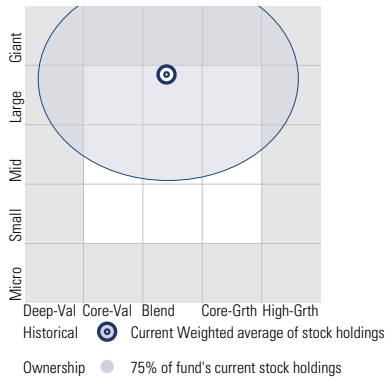
	Fund	Bmark	Cat
Price/Earnings Ratio	21.71	20.89	22.35
Price/Book Ratio	2.20	2.07	2.36
Avg Eff Duration	7.06	11.20	6.04

# Vanguard Target Retirement 2035 Inv VTTHX

**Morningstar Category**  
Target-Date 2035

**Morningstar Index**  
Morningstar Lifetime Mod 2035 TR USD

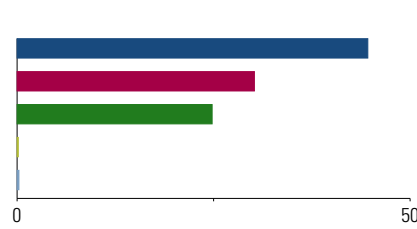
**Style Analysis** as of 09-30-2020  
Morningstar Style Box™



**Style Breakdown**

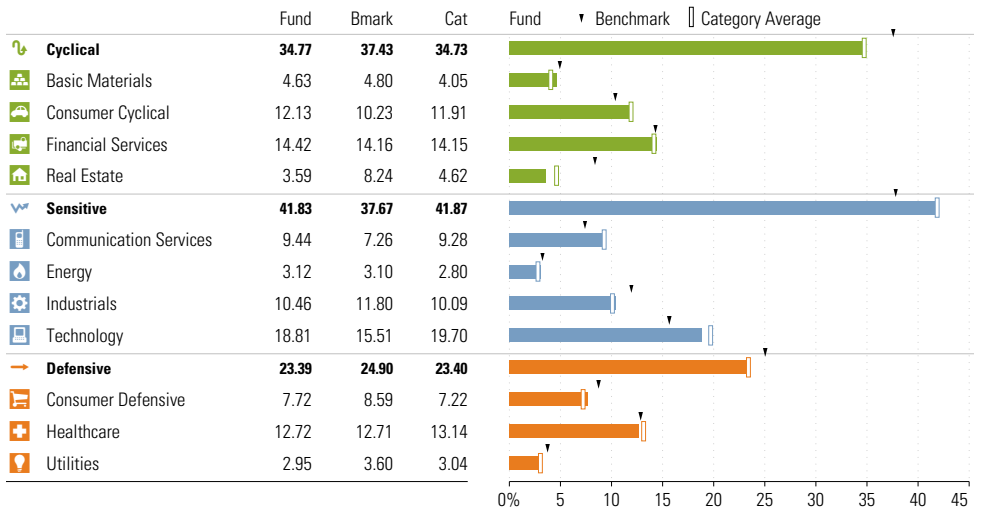


**Asset Allocation** as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	44.62	45.13
Non-US Stocks	30.19	24.76
Bonds	24.81	18.28
Cash	0.15	2.23
Other	0.23	9.59
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2020



**Top 5 Holdings** as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	-	44.91	44.91	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	30.06	74.97	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	17.48	92.45	-	-
⊕ Vanguard Total Intl Bd Idx Investor	-	7.55	100.00	-	-
⊖ Cashusd	-	0.00	100.00	-	-

**Total Holdings** 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2040 Inv VFORX

**Morningstar Category**  
Target-Date 2040

**Morningstar Index**  
Morningstar Lifetime Mod 2040 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 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 7.61 years.

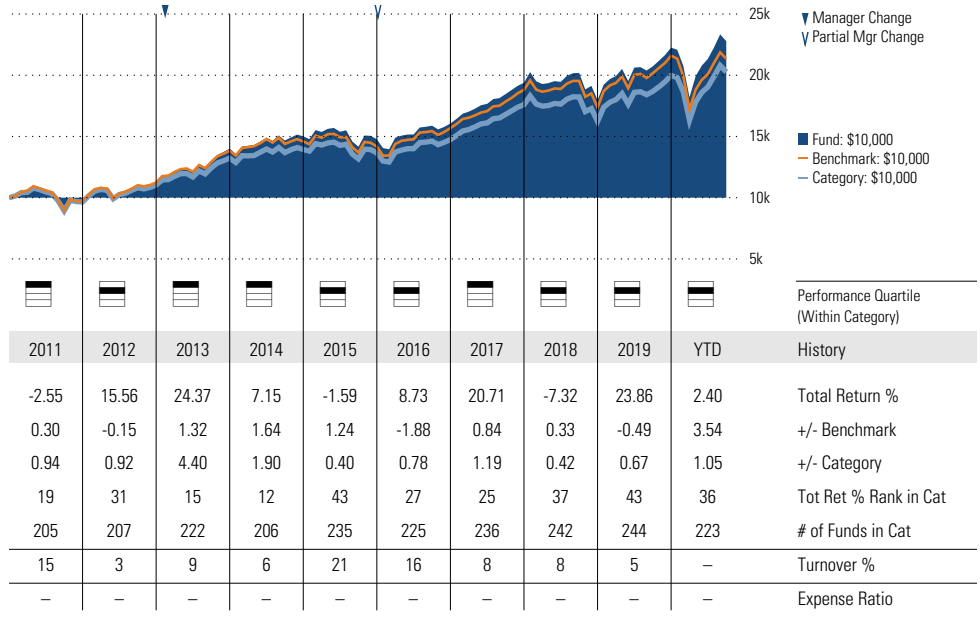
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.14 is 81.82% lower than the Target-Date 2040 category average.

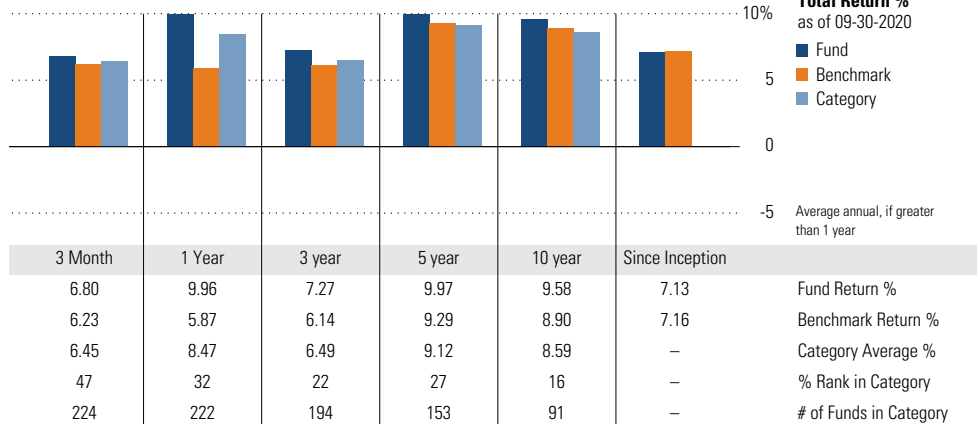
## Morningstar Investment Management LLC Analysis

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.

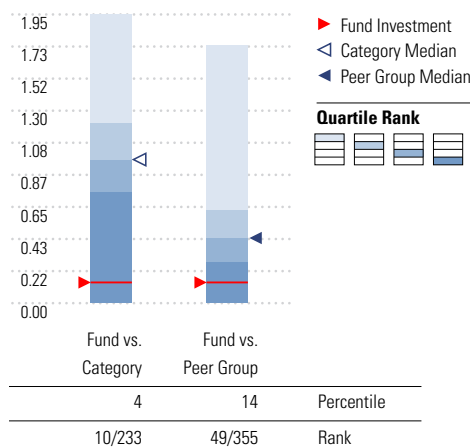
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.23	-	0.50
Beta	0.96	-	0.95
R-Squared	99.51	-	98.24
Standard Deviation	14.53	15.03	14.45
Sharpe Ratio	0.44	0.37	0.39
Tracking Error	1.15	-	1.97
Information Ratio	0.98	-	0.19
Up Capture Ratio	100.59	-	97.16
Down Capture Ratio	94.59	-	94.72

## Portfolio Metrics

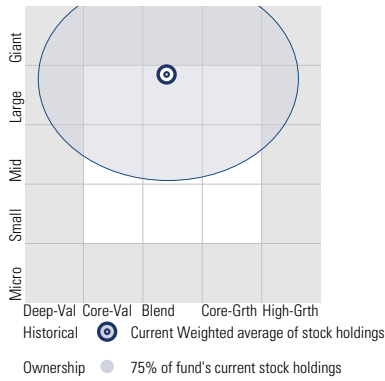
	Fund	Bmark	Cat
Price/Earnings Ratio	21.73	20.78	22.30
Price/Book Ratio	2.21	2.05	2.35
Avg Eff Duration	7.06	11.40	6.29

# Vanguard Target Retirement 2040 Inv VFORX

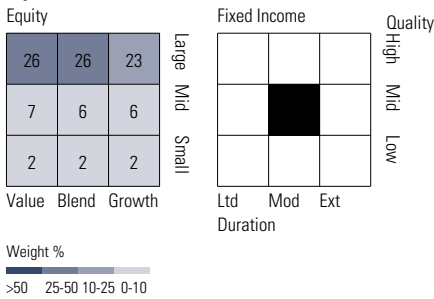
**Morningstar Category**  
Target-Date 2040

**Morningstar Index**  
Morningstar Lifetime Mod 2040 TR USD

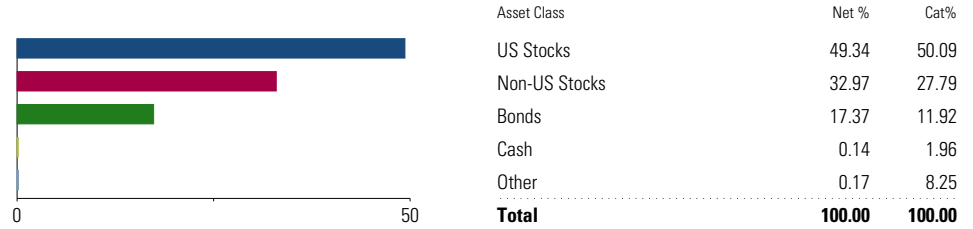
**Style Analysis** as of 09-30-2020  
Morningstar Style Box™



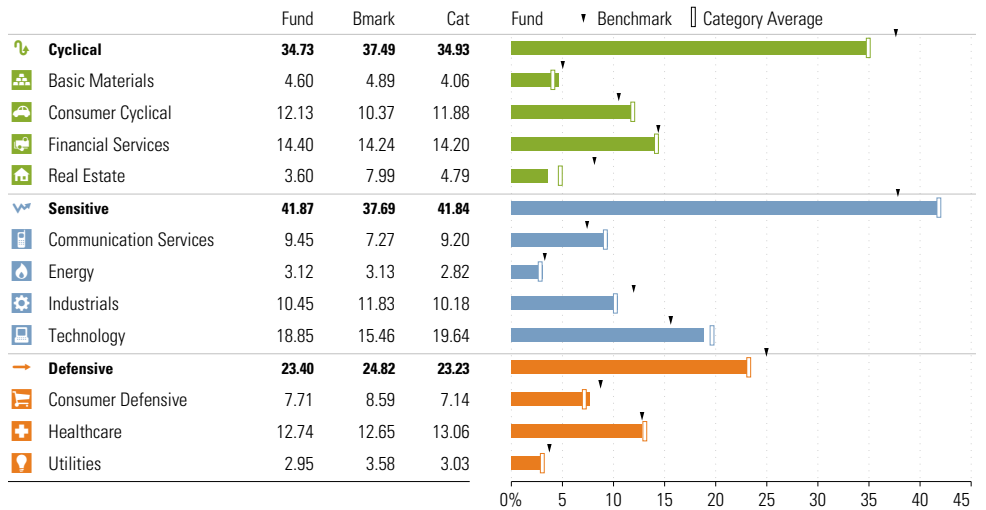
**Style Breakdown**



**Asset Allocation** as of 09-30-2020



**Sector Weighting** as of 09-30-2020



**Top 5 Holdings** as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	—	49.68	49.68	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	32.81	82.49	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	12.24	94.72	—	—
⊕ Vanguard Total Intl Bd Idx Investor	—	5.28	100.00	—	—
⊕ Cashusd	—	0.00	100.00	—	—

**Total Holdings** 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# 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 7.61 years.

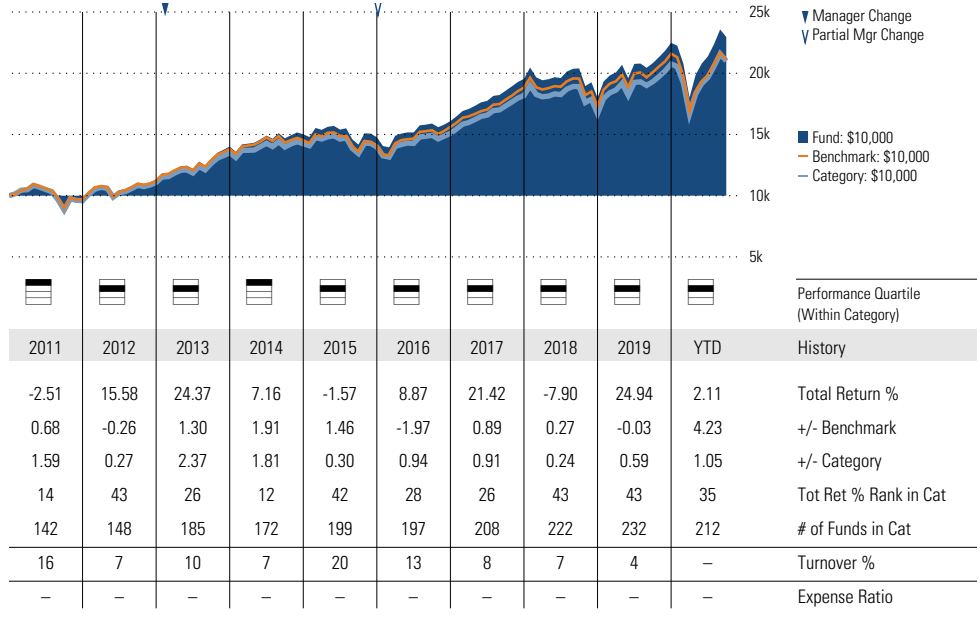
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.15 is 79.73% lower than the Target-Date 2045 category average.

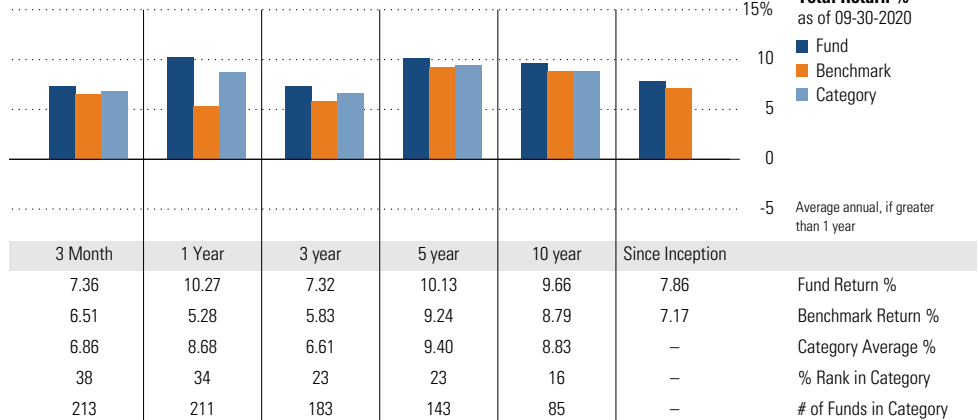
## Morningstar Investment Management LLC Analysis

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.

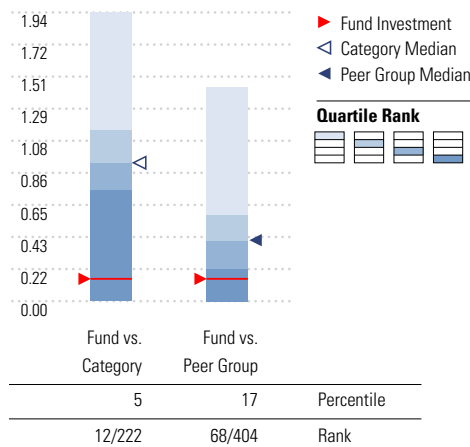
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.48	-	0.84
Beta	0.98	-	0.97
R-Squared	99.45	-	99.01
Standard Deviation	15.64	15.85	15.48
Sharpe Ratio	0.43	0.34	0.39
Tracking Error	1.19	-	1.71
Information Ratio	1.26	-	0.41
Up Capture Ratio	103.00	-	99.57
Down Capture Ratio	96.11	-	95.57

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	21.72	20.67	22.39
Price/Book Ratio	2.20	2.03	2.34
Avg Eff Duration	7.11	-	6.30

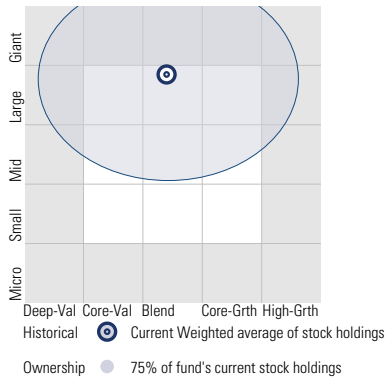
# Vanguard Target Retirement 2045 Inv VTIVX

**Morningstar Category**  
Target-Date 2045

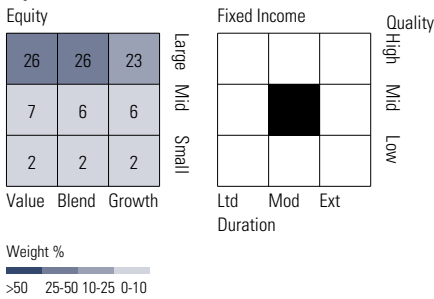
**Morningstar Index**  
Morningstar Lifetime Mod 2045 TR USD

## Style Analysis as of 09-30-2020

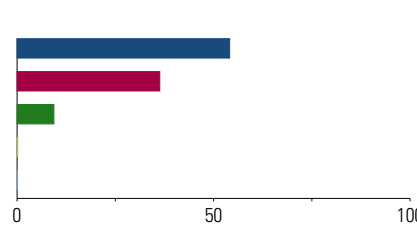
Morningstar Style Box™



## Style Breakdown

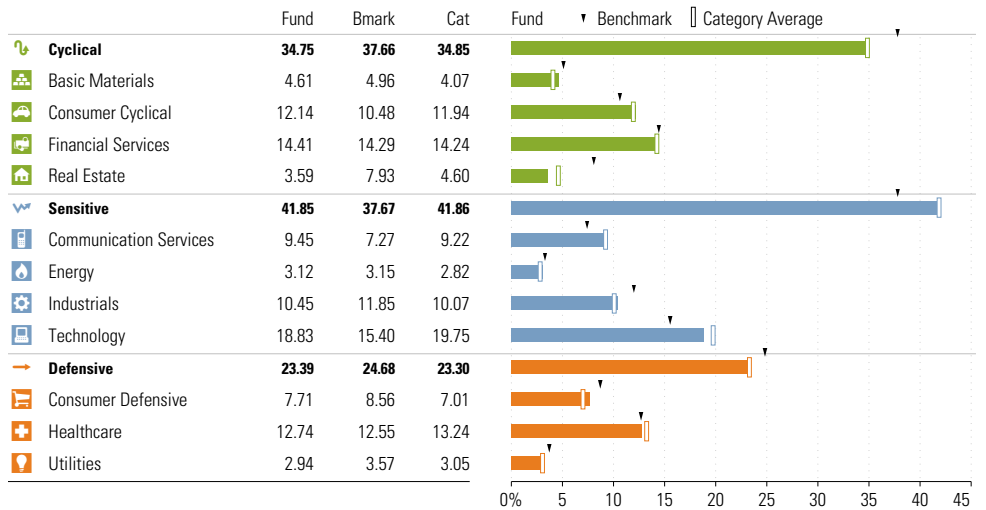


## Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	54.09	53.03
Non-US Stocks	36.30	29.90
Bonds	9.36	6.87
Cash	0.15	1.87
Other	0.11	8.33
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020



## Top 5 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	-	54.46	54.46	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	36.13	90.58	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	6.33	96.91	-	-
⊕ Vanguard Total Intl Bd Idx Investor	-	3.09	100.00	-	-
⊖ Cashusd	-	0.00	100.00	-	-

## Total Holdings 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# 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 7.61 years.

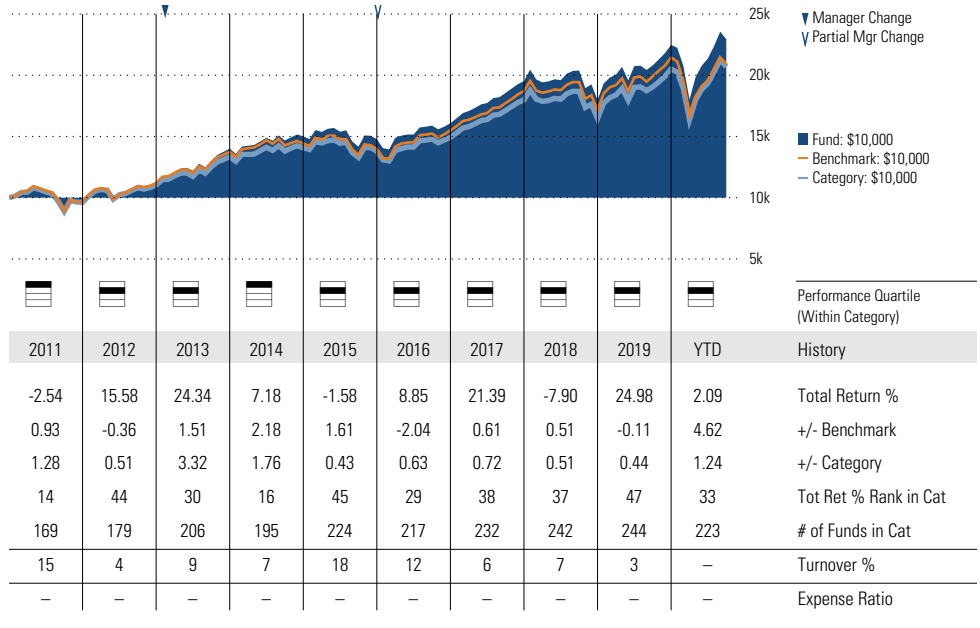
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.15 is 80.77% lower than the Target-Date 2050 category average.

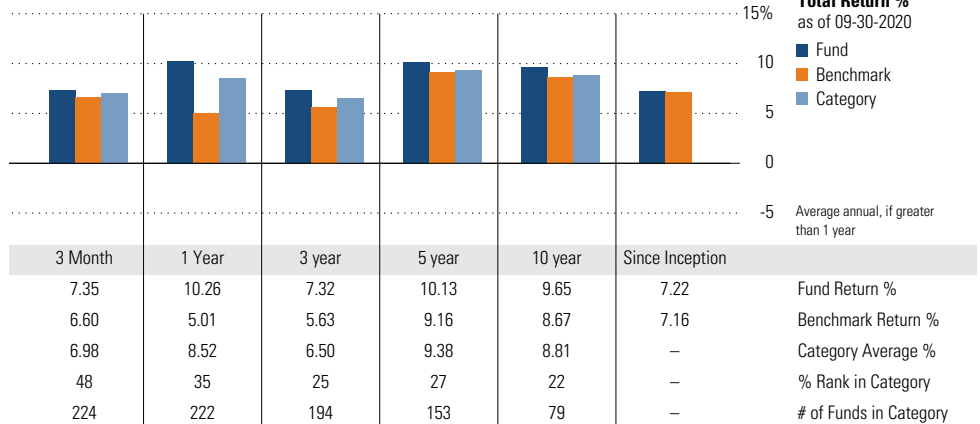
## Morningstar Investment Management LLC Analysis

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.

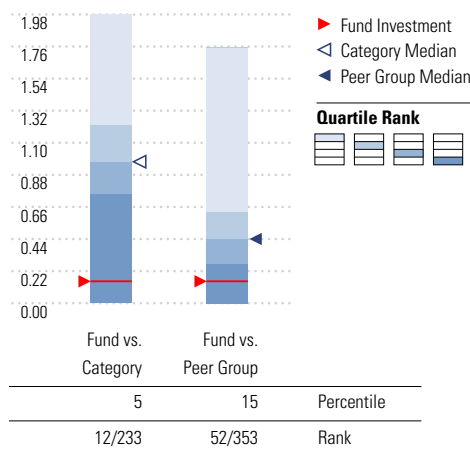
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.73	-	0.99
Beta	0.97	-	0.96
R-Squared	99.40	-	98.21
Standard Deviation	15.65	16.11	15.53
Sharpe Ratio	0.43	0.32	0.38
Tracking Error	1.31	-	2.00
Information Ratio	1.29	-	0.48
Up Capture Ratio	102.08	-	98.63
Down Capture Ratio	94.10	-	94.06

## Portfolio Metrics

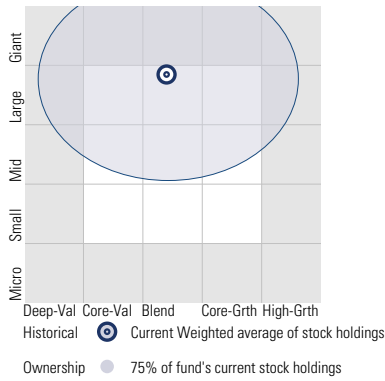
	Fund	Bmark	Cat
Price/Earnings Ratio	21.72	20.55	22.47
Price/Book Ratio	2.20	2.01	2.33
Avg Eff Duration	7.10	-	6.29

# Vanguard Target Retirement 2050 Inv VFIFX

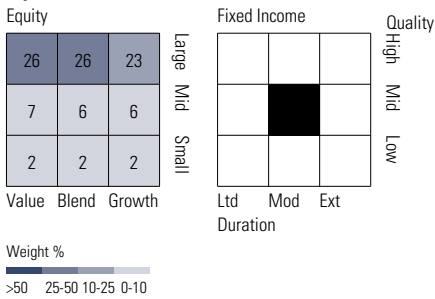
**Morningstar Category**  
Target-Date 2050

**Morningstar Index**  
Morningstar Lifetime Mod 2050 TR USD

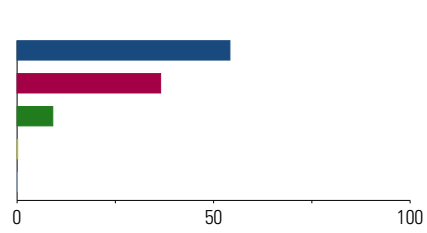
**Style Analysis** as of 09-30-2020  
Morningstar Style Box™



**Style Breakdown**

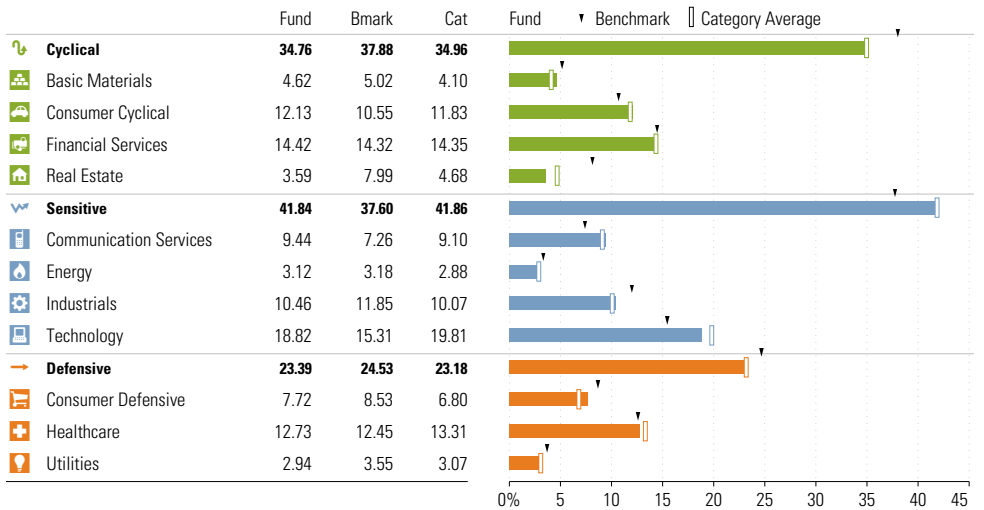


**Asset Allocation** as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	54.15	54.61
Non-US Stocks	36.52	30.67
Bonds	9.08	5.86
Cash	0.15	1.93
Other	0.10	6.94
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2020



**Top 5 Holdings** as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	-	54.51	54.51	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	36.35	90.86	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	6.18	97.05	-	-
⊕ Vanguard Total Intl Bd Idx Investor	-	2.95	100.00	-	-
⊖ Cashusd	-	0.00	100.00	-	-

**Total Holdings 5**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2055 Inv VFFVX

**Morningstar Category**  
Target-Date 2055

**Morningstar Index**  
Morningstar Lifetime Mod 2055 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 2055 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.61 years.

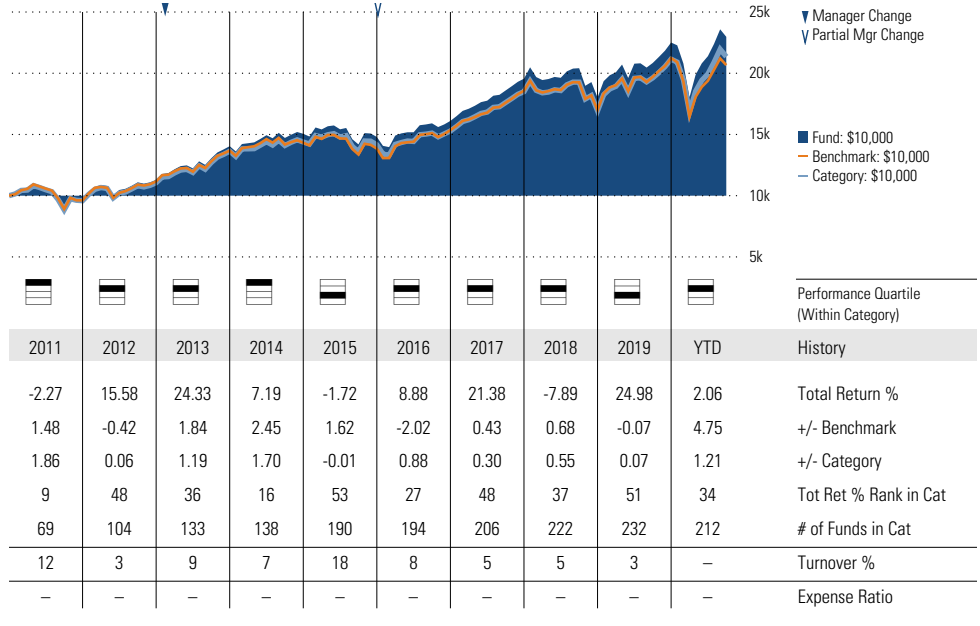
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.15 is 80% lower than the Target-Date 2055 category average.

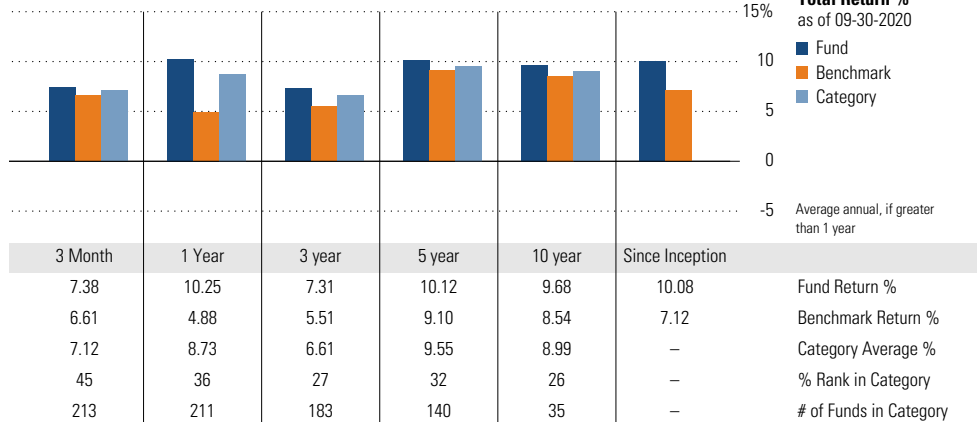
## Morningstar Investment Management LLC Analysis

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.

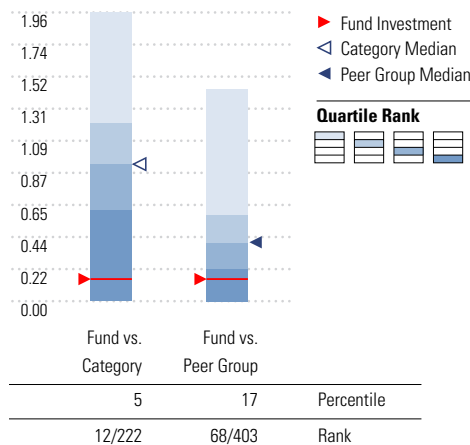
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.85	-	1.13
Beta	0.96	-	0.98
R-Squared	99.39	-	98.94
Standard Deviation	15.63	16.19	15.89
Sharpe Ratio	0.43	0.31	0.38
Tracking Error	1.36	-	1.75
Information Ratio	1.32	-	0.59
Up Capture Ratio	101.88	-	100.95
Down Capture Ratio	93.34	-	95.74

## Portfolio Metrics

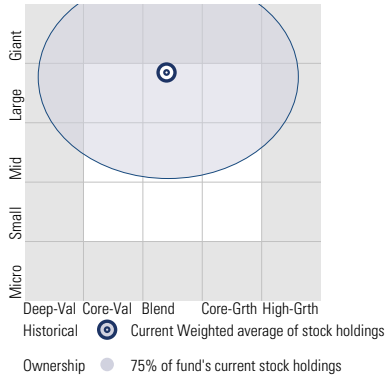
	Fund	Bmark	Cat
Price/Earnings Ratio	21.71	20.47	22.74
Price/Book Ratio	2.20	1.99	2.38
Avg Eff Duration	7.08	-	6.24

# Vanguard Target Retirement 2055 Inv VFFVX

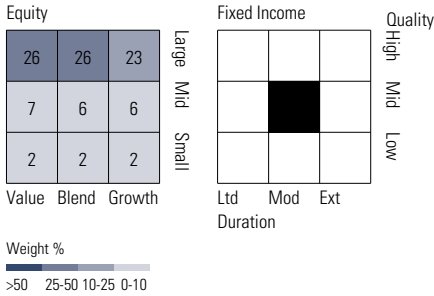
**Morningstar Category**  
Target-Date 2055

**Morningstar Index**  
Morningstar Lifetime Mod 2055 TR USD

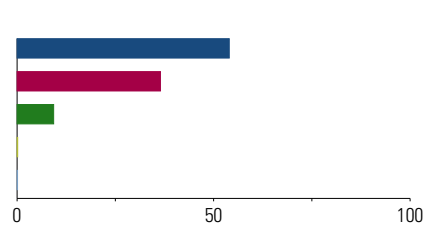
**Style Analysis** as of 09-30-2020  
Morningstar Style Box™



**Style Breakdown**

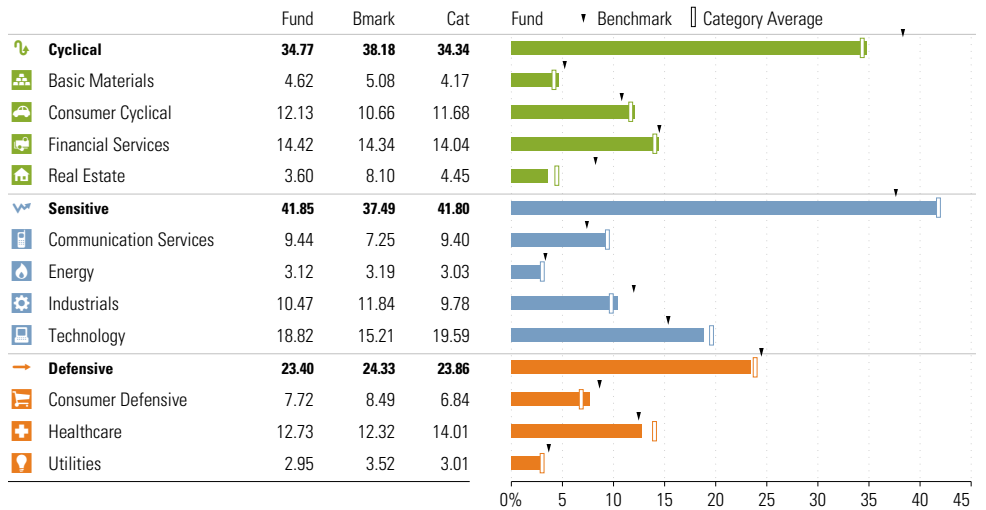


**Asset Allocation** as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	53.98	54.80
Non-US Stocks	36.47	32.79
Bonds	9.30	5.42
Cash	0.15	2.72
Other	0.11	4.27
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2020



**Top 5 Holdings** as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	54.34	54.34	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	36.30	90.65	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	6.44	97.09	-	-
⊕ Vanguard Total Intl Bd Idx Investor	-	2.91	100.00	-	-
⊖ Cashusd	-	0.00	100.00	-	-

**Total Holdings** 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# 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 8 of the 8 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.61 years.

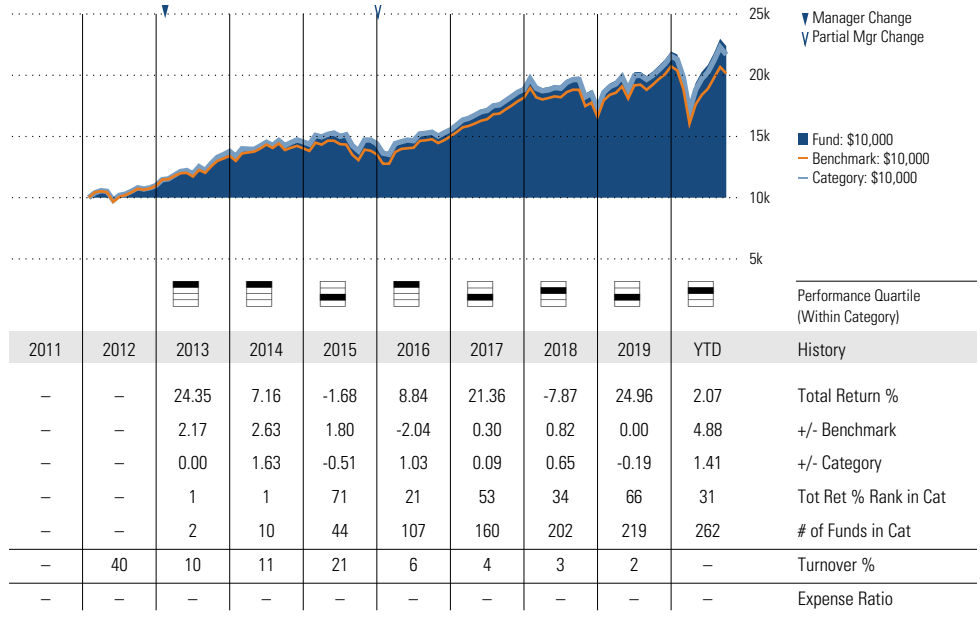
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.15 is 79.73% lower than the Target-Date 2060+ category average.

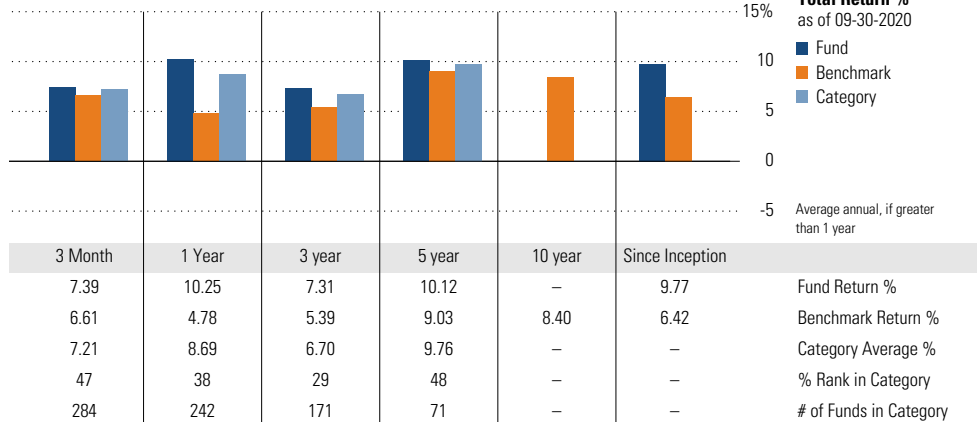
## Morningstar Investment Management LLC Analysis

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.

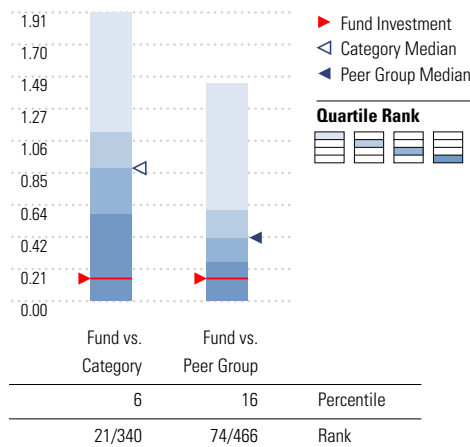
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.97	-	1.25
Beta	0.96	-	0.99
R-Squared	99.31	-	98.89
Standard Deviation	15.63	16.21	16.05
Sharpe Ratio	0.43	0.31	0.38
Tracking Error	1.44	-	1.82
Information Ratio	1.33	-	0.68
Up Capture Ratio	102.12	-	102.15
Down Capture Ratio	93.06	-	96.42

## Portfolio Metrics

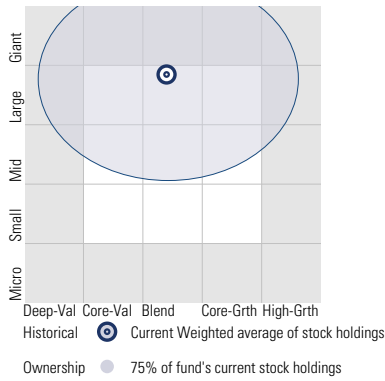
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	21.72	20.38	22.27
Price/Book Ratio	2.20	1.98	2.31
Avg Eff Duration	7.04	-	6.10

# Vanguard Target Retirement 2060 Inv VTTSX

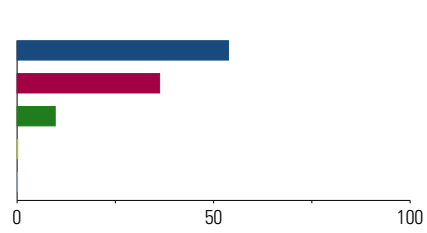
**Morningstar Category**  
Target-Date 2060+

**Morningstar Index**  
Morningstar Lifetime Mod 2060 TR USD

**Style Analysis** as of 09-30-2020  
Morningstar Style Box™

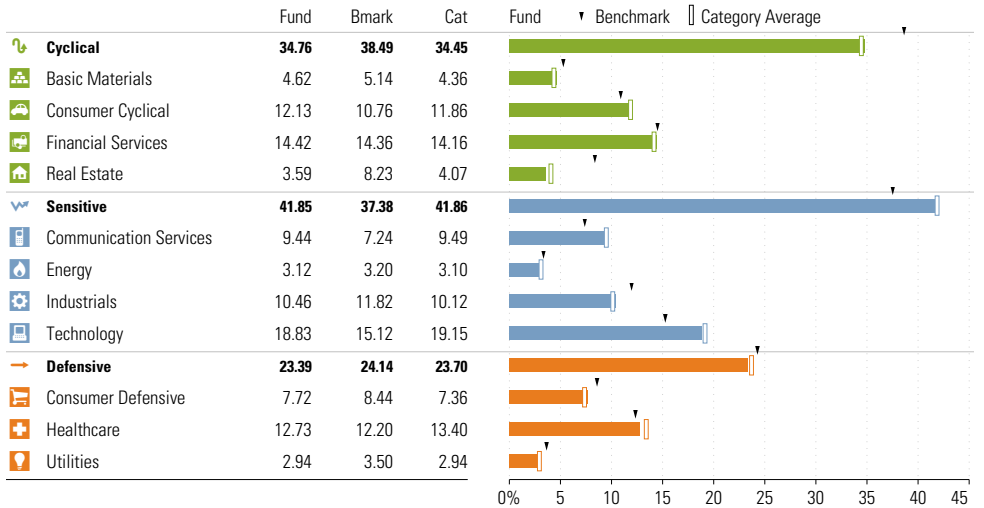


**Asset Allocation** as of 09-30-2020

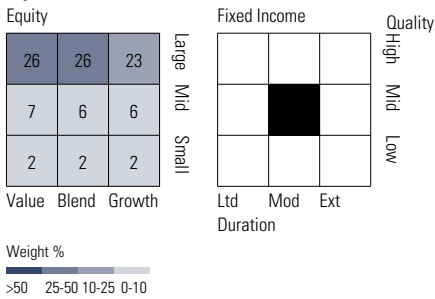


Asset Class	Net %	Cat%
US Stocks	53.78	54.45
Non-US Stocks	36.26	33.92
Bonds	9.70	7.19
Cash	0.15	1.67
Other	0.11	2.76
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2020



**Style Breakdown**



**Top 5 Holdings** as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	54.14	54.14	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	36.09	90.23	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	6.97	97.20	-	-
⊕ Vanguard Total Intl Bd Idx Investor	-	2.80	100.00	-	-
⊖ Cashusd	-	0.00	100.00	-	-

**Total Holdings** 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# 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

✔ **Performance:** The fund has finished in the Target-Date 2060+ category's top three quartiles in 3 of the 3 years it's been in existence.

✔ **Management:** The fund's management has been in place for 3.22 years.

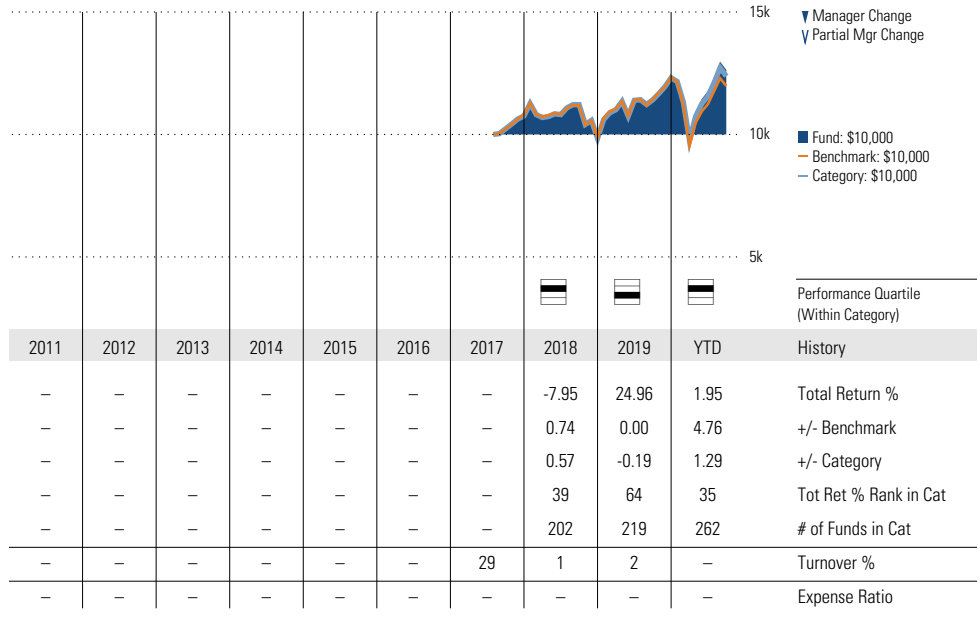
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.15 is 79.73% 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.

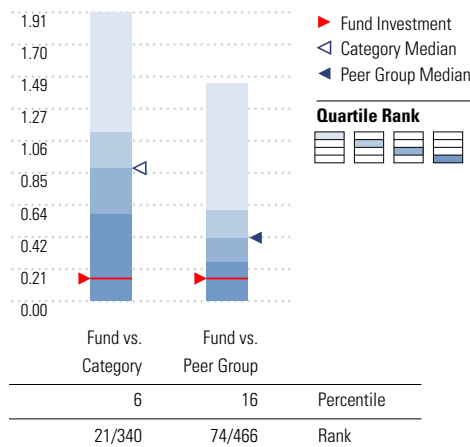
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.91	-	1.25
Beta	0.96	-	0.99
R-Squared	99.35	-	98.89
Standard Deviation	15.64	16.21	16.05
Sharpe Ratio	0.42	0.31	0.38
Tracking Error	1.40	-	1.82
Information Ratio	1.33	-	0.68
Up Capture Ratio	102.00	-	102.15
Down Capture Ratio	93.20	-	96.42

## Portfolio Metrics

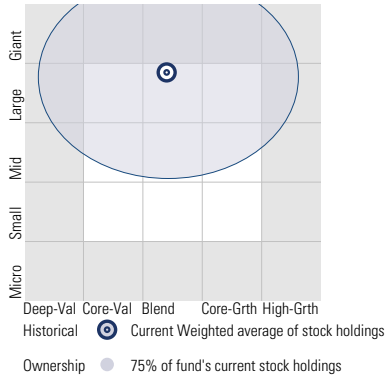
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	21.76	20.38	22.27
Price/Book Ratio	2.21	1.98	2.31
Avg Eff Duration	6.98	-	6.10

# Vanguard Target Retirement 2065 Inv VLXVX

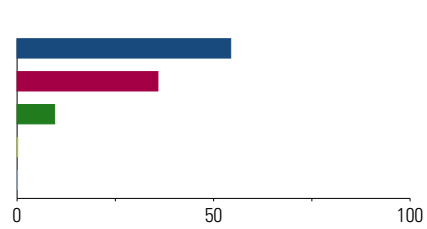
**Morningstar Category**  
Target-Date 2060+

**Morningstar Index**  
Morningstar Lifetime Mod 2060 TR USD

**Style Analysis** as of 09-30-2020  
Morningstar Style Box™

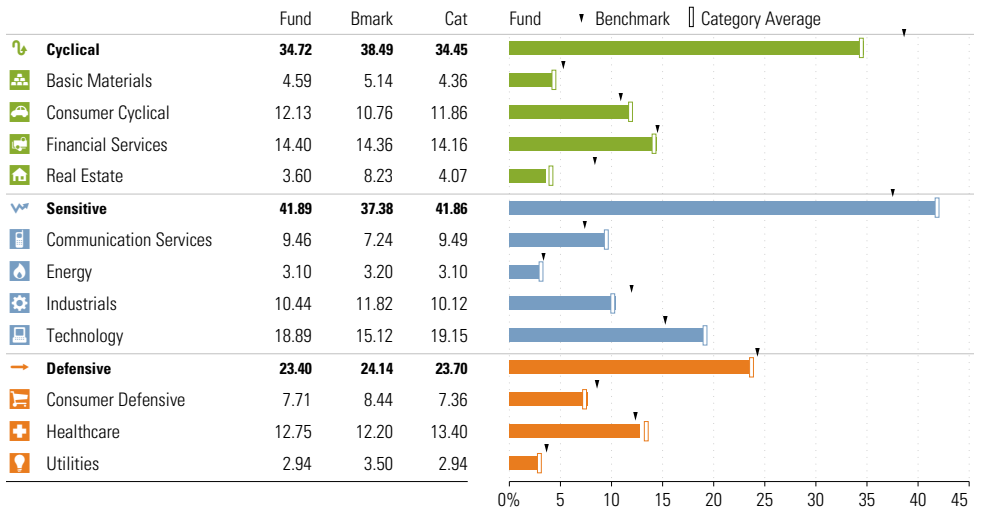


**Asset Allocation** as of 09-30-2020

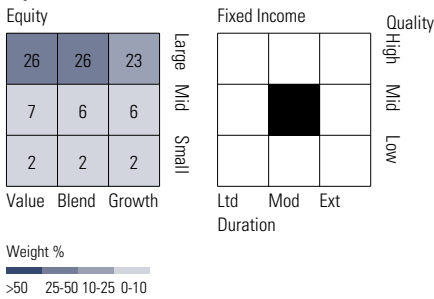


Asset Class	Net %	Cat%
US Stocks	54.35	54.45
Non-US Stocks	35.83	33.92
Bonds	9.55	7.19
Cash	0.15	1.67
Other	0.11	2.76
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2020



**Style Breakdown**



**Top 5 Holdings** as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	54.72	54.72	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	35.65	90.37	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	7.16	97.53	-	-
⊕ Vanguard Total Intl Bd Idx Investor	-	2.47	100.00	-	-
⊕ Cashusd	-	0.00	100.00	-	-

**Total Holdings** 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# 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

✔ **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 7.61 years.

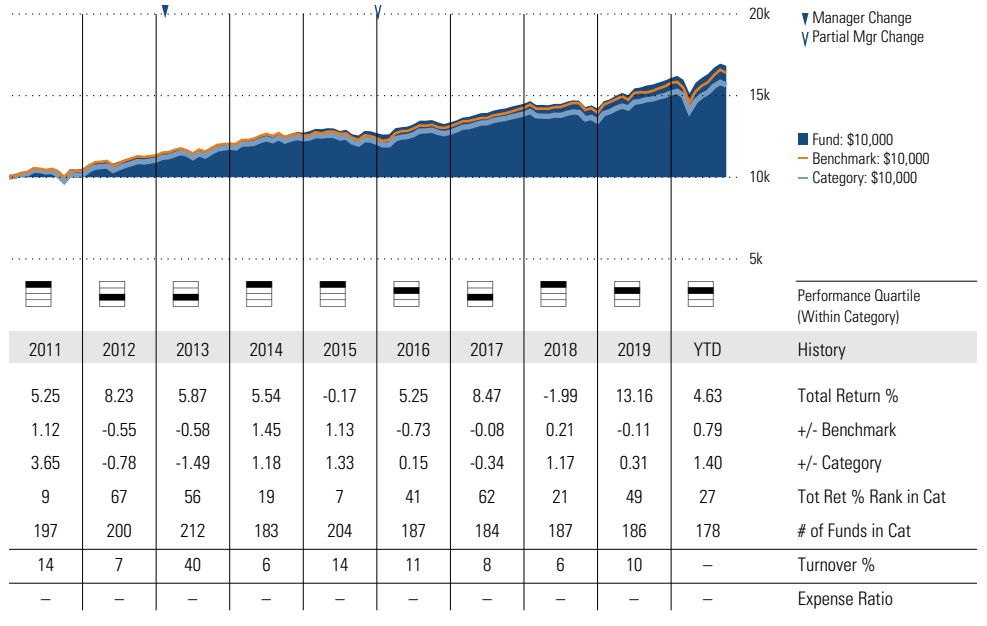
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.12 is 83.78% lower than the Target-Date Retirement category average.

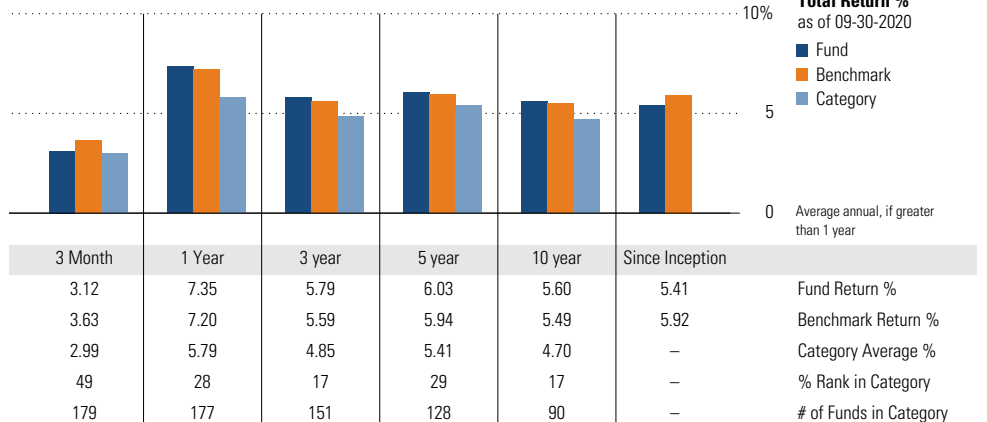
## Morningstar Investment Management LLC Analysis

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.

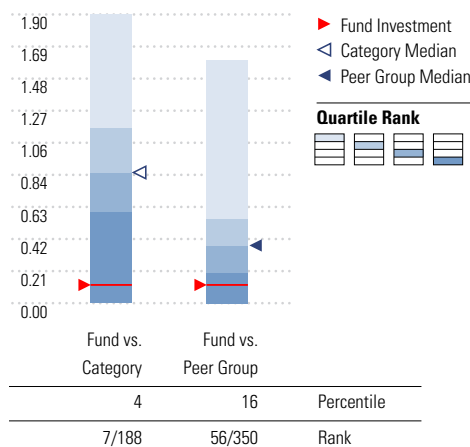
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.95	-	-0.83
Beta	0.86	-	0.98
R-Squared	97.49	-	93.27
Standard Deviation	5.73	6.61	6.68
Sharpe Ratio	0.73	0.61	0.48
Tracking Error	1.31	-	2.12
Information Ratio	0.15	-	-0.40
Up Capture Ratio	89.07	-	88.57
Down Capture Ratio	76.25	-	94.43

## Portfolio Metrics

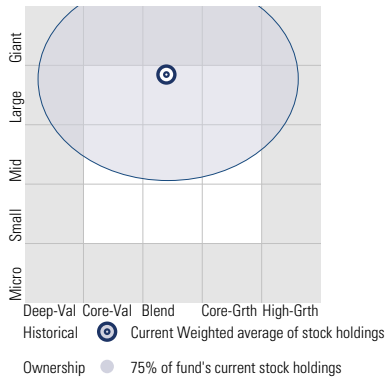
	Fund	Bmark	Cat
Price/Earnings Ratio	21.65	21.72	22.02
Price/Book Ratio	2.19	2.20	2.25
Avg Eff Duration	6.05	4.96	6.30

# Vanguard Target Retirement Income Inv VTINX

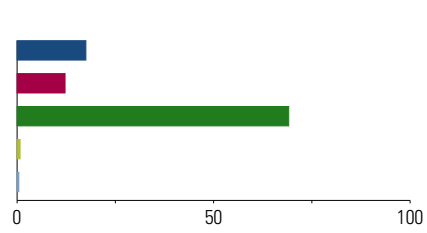
**Morningstar Category**  
Target-Date Retirement

**Morningstar Index**  
Morningstar Lifetime Mod Incm TR USD

**Style Analysis** as of 09-30-2020  
Morningstar Style Box™

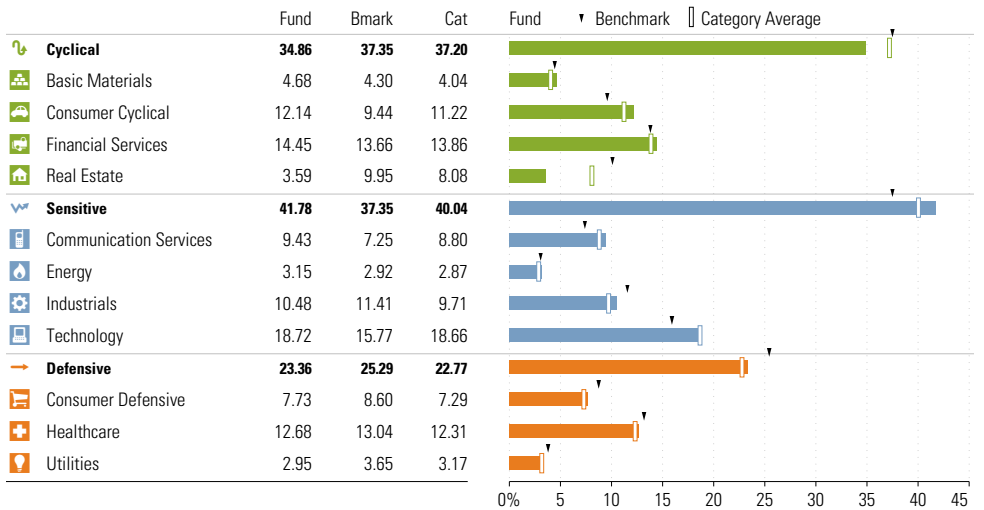


**Asset Allocation** as of 09-30-2020

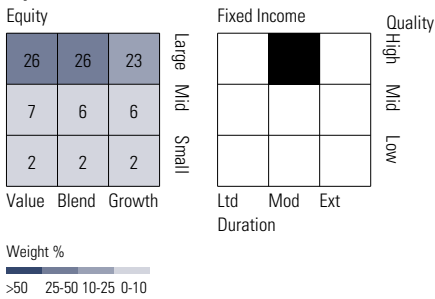


Asset Class	Net %	Cat%
US Stocks	17.50	17.28
Non-US Stocks	12.20	9.66
Bonds	69.11	55.26
Cash	0.75	5.82
Other	0.44	11.99
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2020



**Style Breakdown**



**Top 6 Holdings** as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Bond Market II Idx Inv	-	37.42	37.42	-	-
⊕ Vanguard Total Stock Mkt Idx Inv	-	17.61	55.03	-	-
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Inv	-	17.04	72.06	-	-
⊕ Vanguard Total Intl Bd Idx Investor	-	15.78	87.85	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	12.15	100.00	-	-
⊖ Cashusd	-	0.00	100.00	-	-

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Total Bond Market Index Adm VBTLX

**Morningstar Category**  
Intermediate Core Bond

**Morningstar Index**  
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 7.61 years.

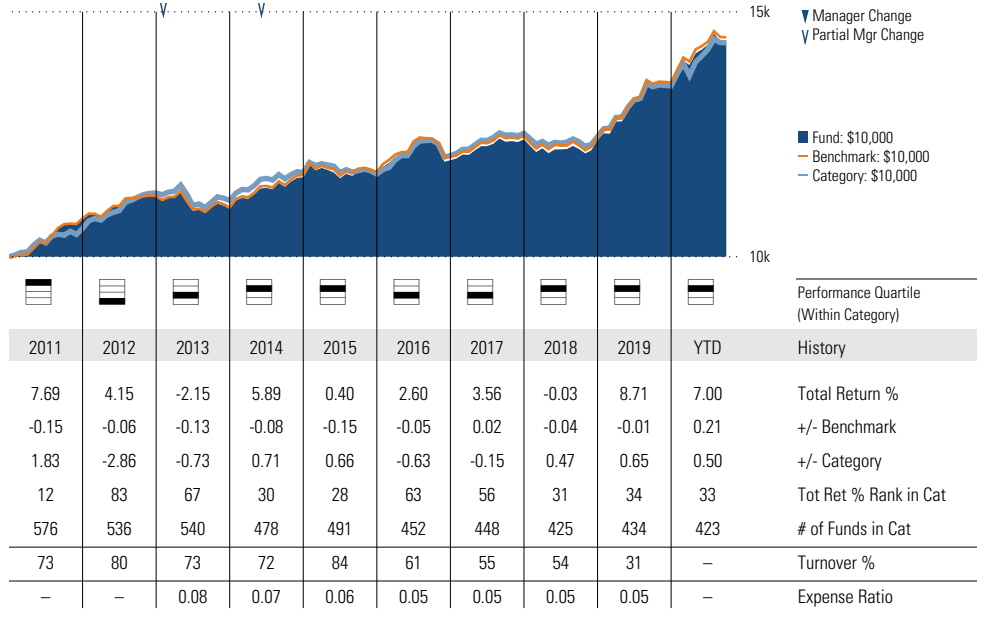
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.05 is 91.94% lower than the Intermediate Core Bond category average.

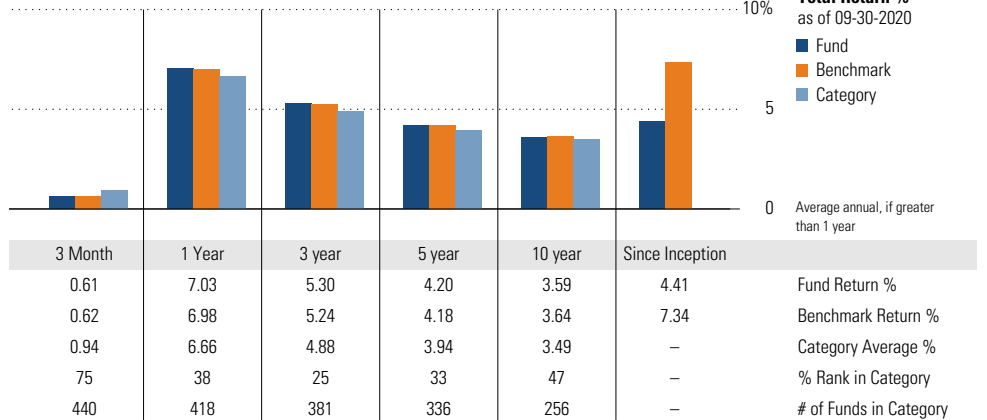
## Morningstar Investment Management LLC Analysis

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

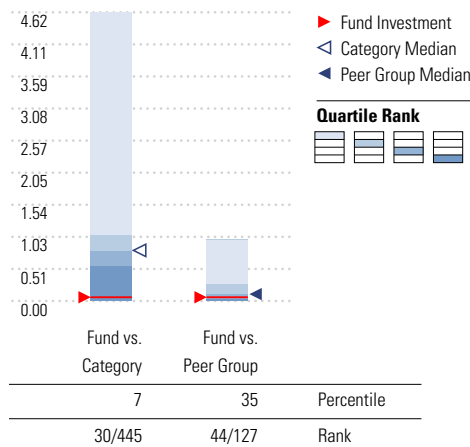
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.03	-	-0.26
Beta	1.02	-	0.98
R-Squared	99.18	-	83.98
Standard Deviation	3.44	3.37	3.64
Sharpe Ratio	1.06	1.07	0.90
Tracking Error	0.32	-	1.43
Information Ratio	0.19	-	-0.42
Up Capture Ratio	100.63	-	98.36
Down Capture Ratio	99.48	-	111.19

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	6.55	4.43	5.42
Avg Eff Maturity	8.50	-	7.44

# Vanguard Total Bond Market Index Adm VBTLX

**Morningstar Category**  
Intermediate Core Bond

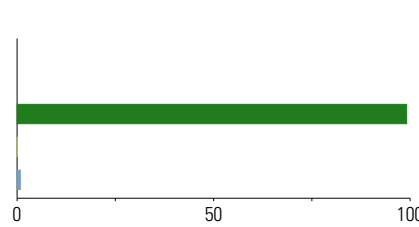
**Morningstar Index**  
BBgBarc US Agg Bond TR USD

**Style Analysis** as of 09-30-2020

**Style Breakdown**



**Asset Allocation** as of 09-30-2020

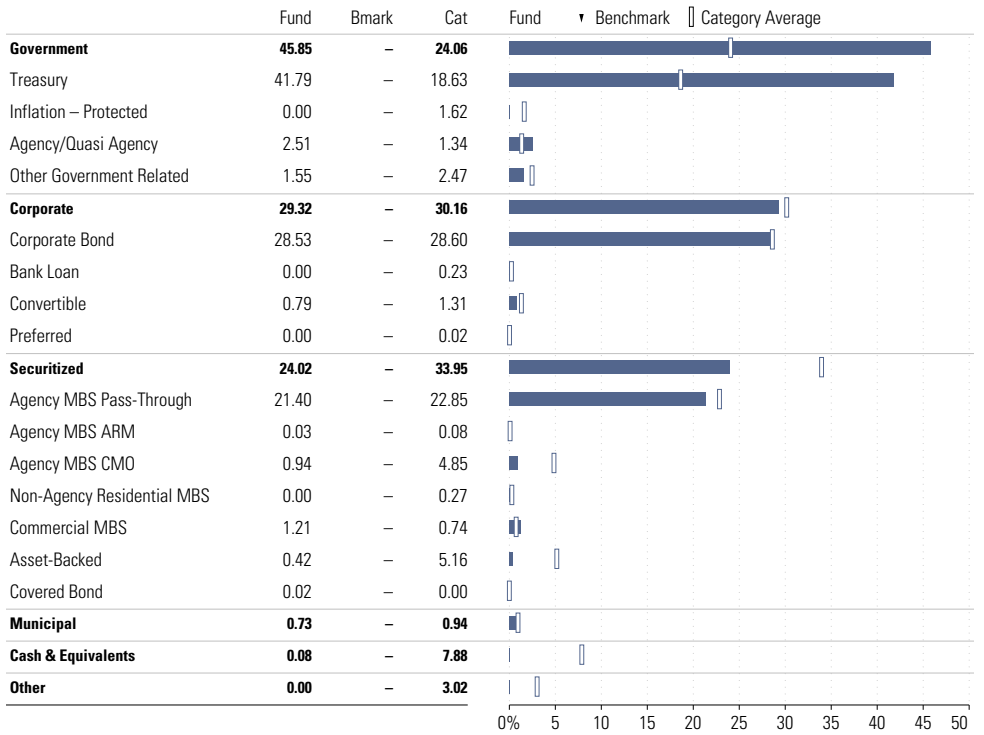


Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.00
Bonds	99.12	91.64
Cash	0.08	5.61
Other	0.81	2.73
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Credit Rating Breakdown**

	Fund	Bmark	Cat
AAA	62.99	3.53	41.98
AA	3.71	74.59	11.97
A	12.84	10.82	26.54
BBB	20.46	8.32	13.91
BB	0.00	0.28	3.29
B	0.00	0.00	1.09
Below B	0.00	0.00	0.43
Not Rated	0.00	2.46	0.80

**Sector Weighting** as of 09-30-2020



**Top 10 Holdings** as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Federal National Mortgage Association 2.5%	-	0.81	0.81	-
⊕ Federal National Mortgage Association	-	0.78	1.60	-
⊕ United States Treasury Notes	-	0.69	2.29	-
⊖ United States Treasury Bonds	-	0.50	2.79	-
United States Treasury Notes	-	0.42	3.21	-
United States Treasury Notes	-	0.42	3.63	-
United States Treasury Notes	-	0.41	4.04	-
⊕ United States Treasury Notes	-	0.40	4.44	-
United States Treasury Notes	-	0.40	4.84	-
United States Treasury Notes	-	0.40	5.24	-

**Total Holdings 18357**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard Total World Stock Index Admiral VTWAX

**Morningstar Category**  
World Large Stock

**Morningstar Index**  
MSCI ACWI Large Cap NR USD

## Portfolio Manager(s)

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

## Quantitative Screens

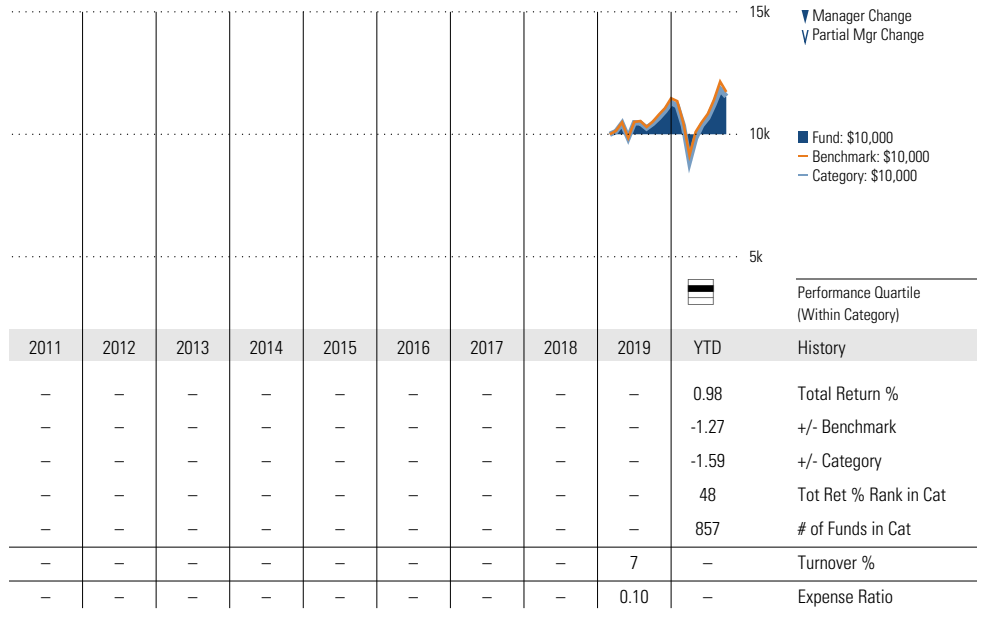
The Performance screen is not applicable for funds with less than three years of data.

- ✔ **Management:** The fund's management has been in place for 7.61 years.
- ✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.
- ✔ **Net Expense:** The fund's expense ratio of 0.1 is 90.91% lower than the World Large Stock category average.

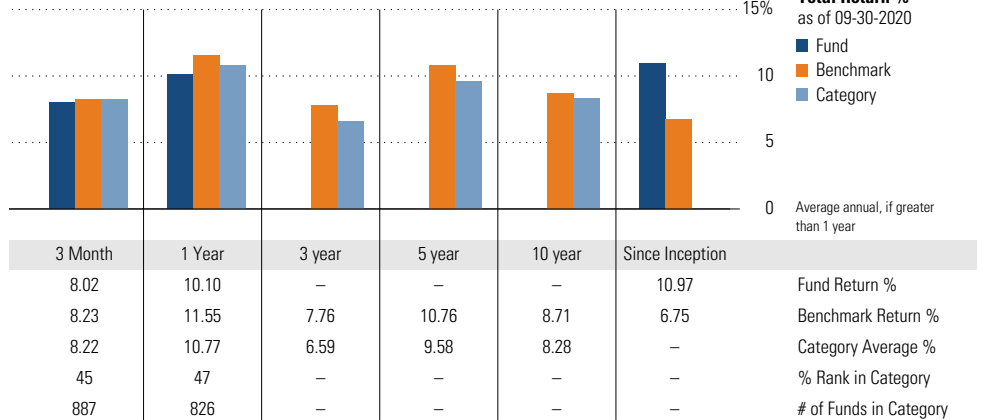
## Morningstar Investment Management LLC Analysis

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.

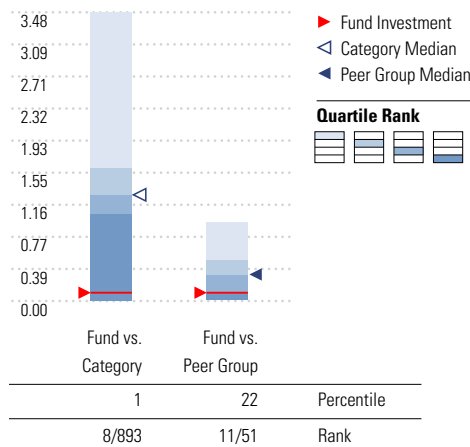
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-	-	-0.63
Beta	-	-	0.99
R-Squared	-	-	92.62
Standard Deviation	-	16.54	17.06
Sharpe Ratio	-	0.44	0.38
Tracking Error	-	-	4.80
Information Ratio	-	-	-0.21
Up Capture Ratio	-	-	95.09
Down Capture Ratio	-	-	97.56

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.78	16.67	23.35
Price/Book Ratio	2.22	2.05	2.62
Geom Avg Mkt Cap \$B	55.67	65.35	92.85
ROE	18.86	19.21	19.71

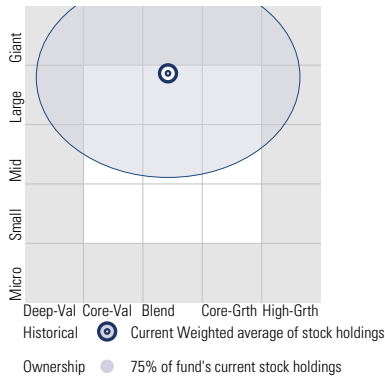
# Vanguard Total World Stock Index Admiral VTWAX

**Morningstar Category**  
World Large Stock

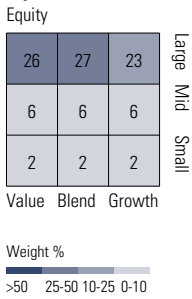
**Morningstar Index**  
MSCI ACWI Large Cap NR USD

## Style Analysis as of 09-30-2020

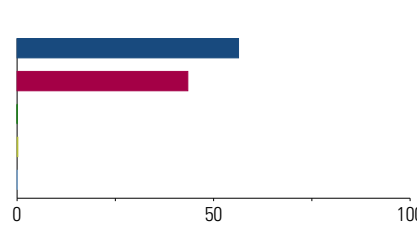
Morningstar Style Box™



## Style Breakdown

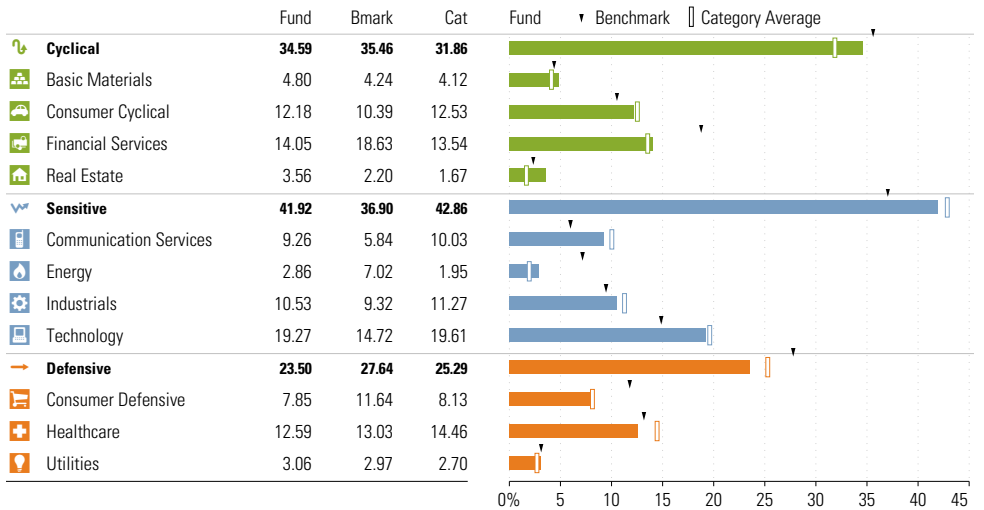


## Asset Allocation as of 09-30-2020

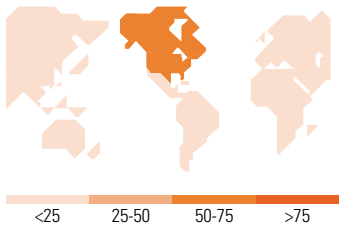


Asset Class	Net %	Cat%
US Stocks	56.34	55.34
Non-US Stocks	43.44	41.00
Bonds	0.01	0.36
Cash	0.19	2.66
Other	0.02	0.65
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020



## World Regions % Equity 09-30-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	21.10	16.20	Americas	60.25	60.26	Greater Europe	18.65	23.54	Developed Markets	90.54
Japan	7.40	6.27	North America	59.22	59.42	United Kingdom	3.99	5.45	Emerging Markets	9.46
Australasia	2.05	0.68	Central/Latin	1.03	0.84	W euro-ex UK	12.87	17.37	Not Available	0.00
Asia-4 Tigers	4.55	3.56				Emrgng Europe	0.53	0.22		
Asia-ex 4 Tigers	7.10	5.69				Africa	1.26	0.50		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Apple Inc	3.24	3.24	58.57	Technology
Microsoft Corp	2.73	5.96	34.34	Technology
Amazon.com Inc	2.31	8.27	70.40	Consumer Cyclical
Facebook Inc A	1.09	9.36	27.60	Communication Svc
Alibaba Group Holding Ltd ADR	0.89	10.26	38.60	Consumer Cyclical
Alphabet Inc A	0.76	11.02	9.42	Communication Svc
Alphabet Inc Class C	0.75	11.77	9.92	Communication Svc
Johnson & Johnson	0.68	12.45	4.10	Healthcare
Tencent Holdings Ltd	0.67	13.12	36.50	Communication Svc
Procter & Gamble Co	0.59	13.70	13.14	Consumer Defensive

**Total Holdings 8808**

⊕ Increase ⊖ Decrease ✱ New to Portfolio