

# American Funds New World R6 RNWGX

**Morningstar Category**  
Diversified Emerging Mkts

**Morningstar Index**  
MSCI EM NR USD

## Portfolio Manager(s)

Carl Kawaja since 06-1999  
 Robert Lovelace since 06-1999  
 Nicholas Grace since 01-2008  
 Christopher Thomsen since 01-2009  
 Winnie Kwan since 01-2009  
 Tomonori Tani since 10-2013  
 Jonathan Knowles since 01-2016  
 Bradford Freer since 01-2017  
 Lisa Thompson since 10-2019  
 Kirstie Spence since 12-2019

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 21.3 years.

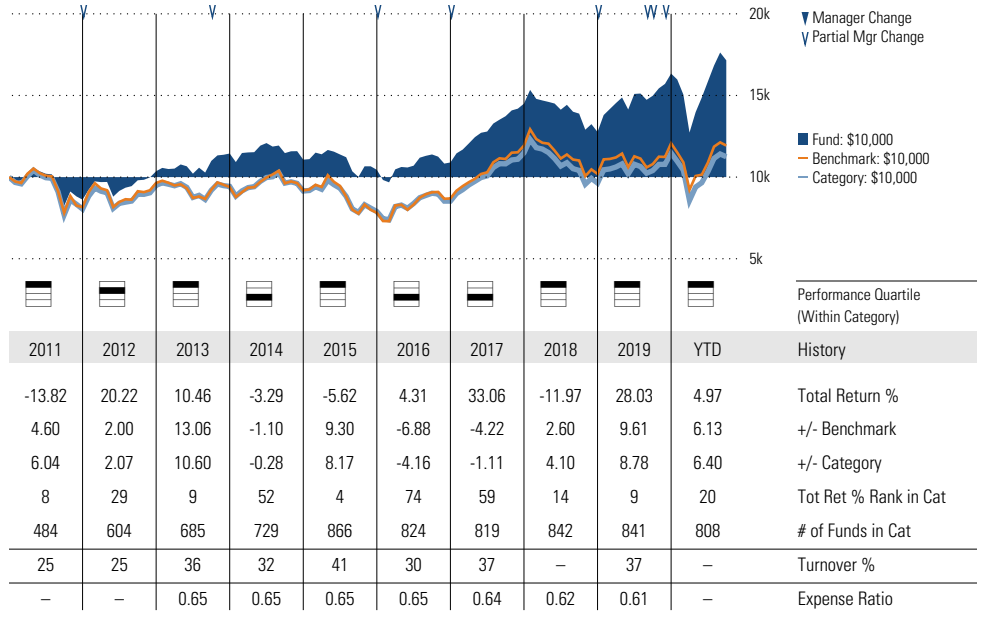
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.6 is 51.22% lower than the Diversified Emerging Mkts category average.

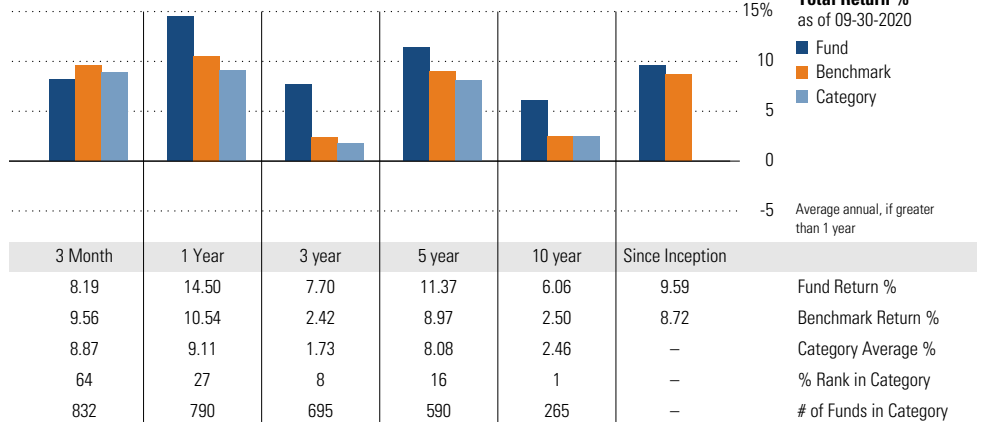
## Morningstar Investment Management LLC Analysis

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.

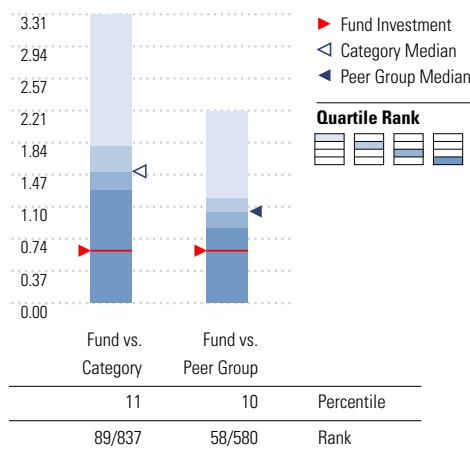
## Growth of \$10,000



## 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	5.35	-	0.02
Beta	0.85	-	0.98
R-Squared	89.00	-	91.09
Standard Deviation	17.07	18.94	19.57
Sharpe Ratio	0.43	0.13	0.13
Tracking Error	6.33	-	5.63
Information Ratio	0.83	-	-0.06
Up Capture Ratio	99.06	-	98.28
Down Capture Ratio	78.51	-	98.99

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	29.59	16.62	18.96
Price/Book Ratio	3.15	1.72	2.30
Geom Avg Mkt Cap \$B	54.35	45.93	53.07
ROE	16.26	15.20	16.94

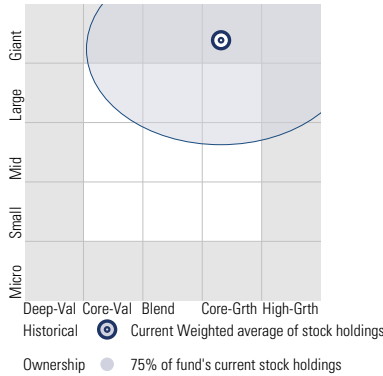
# American Funds New World R6 RNWGX

**Morningstar Category**  
Diversified Emerging Mkts

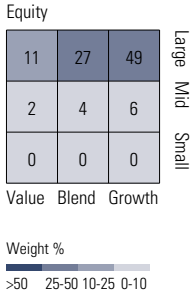
**Morningstar Index**  
MSCI EM NR USD

## Style Analysis as of 09-30-2020

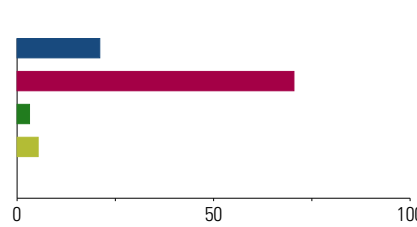
Morningstar Style Box™



## Style Breakdown

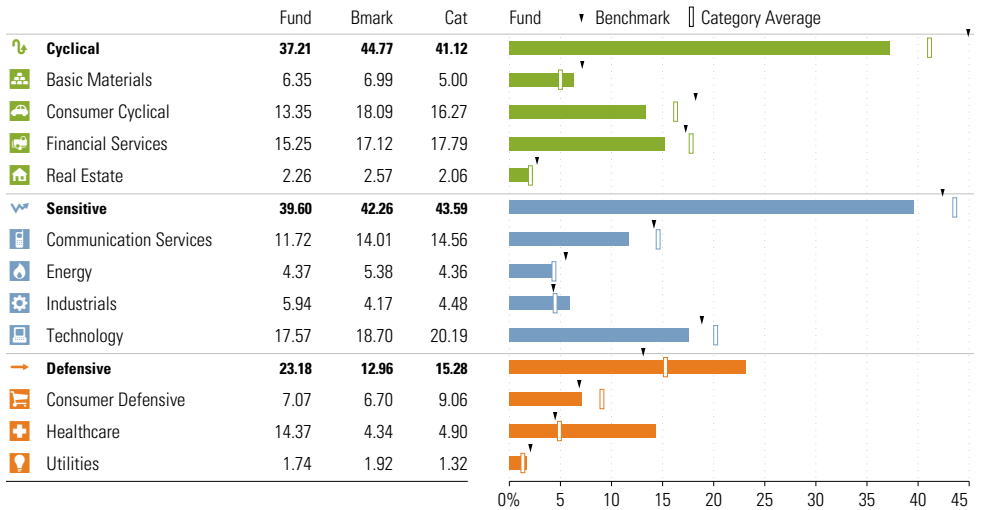


## Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	21.04	2.88
Non-US Stocks	70.44	94.80
Bonds	3.16	0.04
Cash	5.36	1.44
Other	0.00	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	41.66	75.71	Americas	35.10	11.45	Greater Europe	23.24	12.84	Developed Markets	55.99
Japan	4.48	0.25	North America	23.80	2.27	United Kingdom	2.90	0.61	Emerging Markets	44.01
Australasia	0.51	0.00	Central/Latin	11.30	9.18	W euro-ex UK	16.62	1.87	Not Available	0.00
Asia-4 Tigers	7.44	24.54				Emrgng Europe	1.76	5.79		
Asia-ex 4 Tigers	29.23	50.92				Africa	1.96	4.57		
Not Classified	0.00	0.00								

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

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	5.37	5.37	—	—
⊖ Reliance Industries Ltd	2.52	7.88	49.41	Energy
⊖ Microsoft Corp	2.49	10.37	34.34	Technology
⊖ Alibaba Group Holding Ltd Ordinary Shares	2.28	12.65	—	Consumer Cyclical
⊖ Tencent Holdings Ltd	2.08	14.73	36.50	Communication Svc
⊖ Kweichow Moutai Co Ltd	1.79	16.51	42.48	Consumer Defensive
⊖ MercadoLibre Inc	1.71	18.22	89.26	Consumer Cyclical
⊖ Taiwan Semiconductor Manufacturing Co Ltd	1.69	19.91	33.08	Technology
Kotak Mahindra Bank Ltd	1.46	21.37	-24.71	Financial Services
⊖ Facebook Inc A	1.45	22.82	27.60	Communication Svc

**Total Holdings 539**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# BlackRock Inflation Protected Bond Instl BPRIX

**Morningstar Category**  
Inflation-Protected Bond

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

## Portfolio Manager(s)

Christopher Allen since 02-2017  
David Rogal since 03-2018

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 3.63 years.

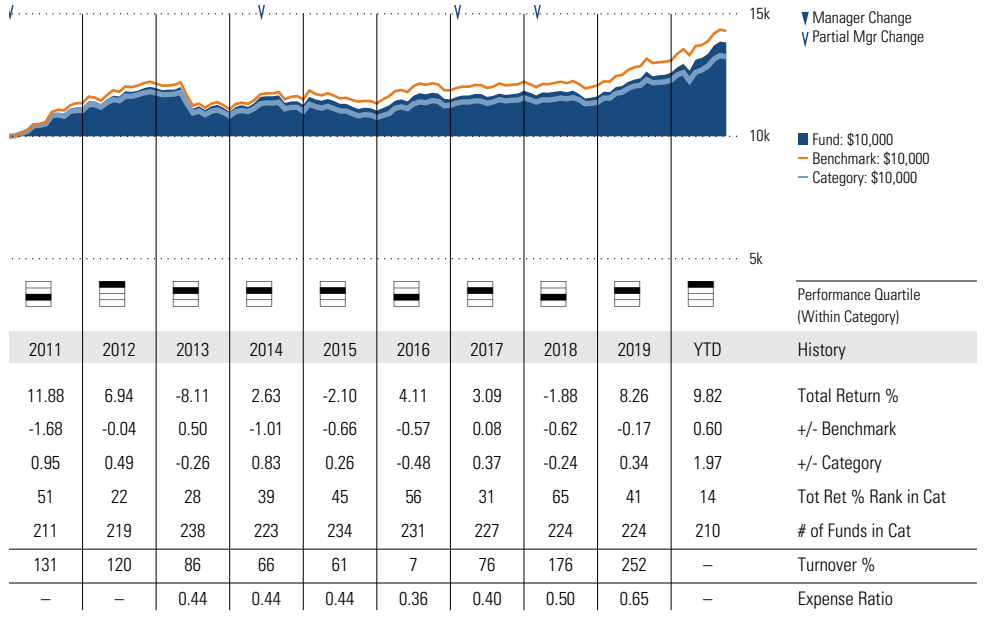
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.65 is 4.41% lower than the Inflation-Protected Bond category average.

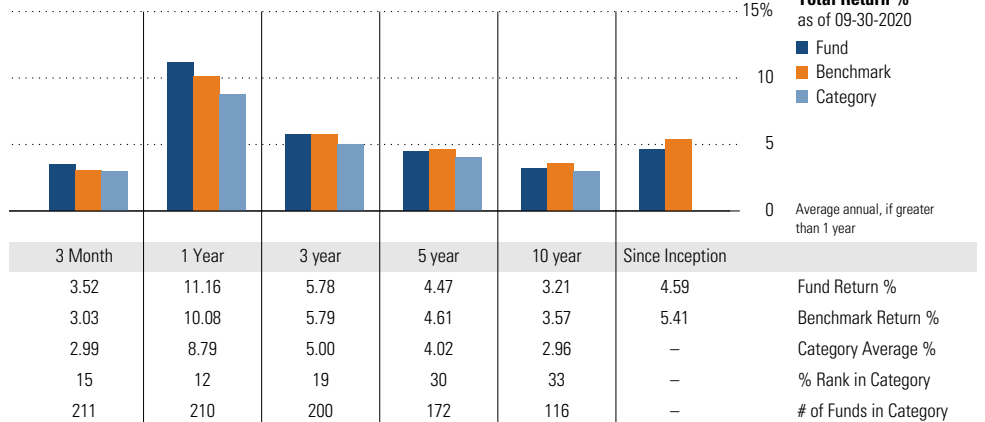
## Morningstar Investment Management LLC Analysis

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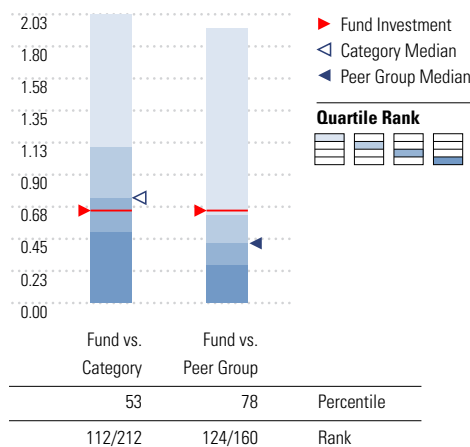
## Growth of \$10,000



## 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	-0.29	-	-0.60
Beta	1.05	-	0.92
R-Squared	96.85	-	78.22
Standard Deviation	4.05	3.80	4.12
Sharpe Ratio	1.00	1.07	0.78
Tracking Error	0.74	-	2.12
Information Ratio	-0.02	-	-0.65
Up Capture Ratio	101.92	-	86.21
Down Capture Ratio	106.32	-	97.65

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	7.39	4.52	7.64
Avg Eff Maturity	9.68	-	9.74

# BlackRock Inflation Protected Bond Instl BPRIX

**Morningstar Category**  
Inflation-Protected Bond

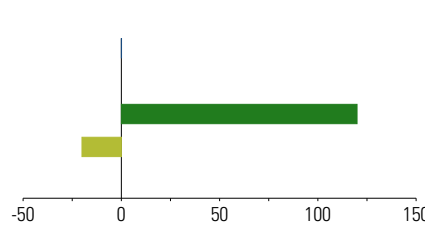
**Morningstar Index**  
BBgBarc US Treasury US TIPS TR USD

## Style Analysis as of 09-30-2020

### Style Breakdown



## Asset Allocation as of 09-30-2020

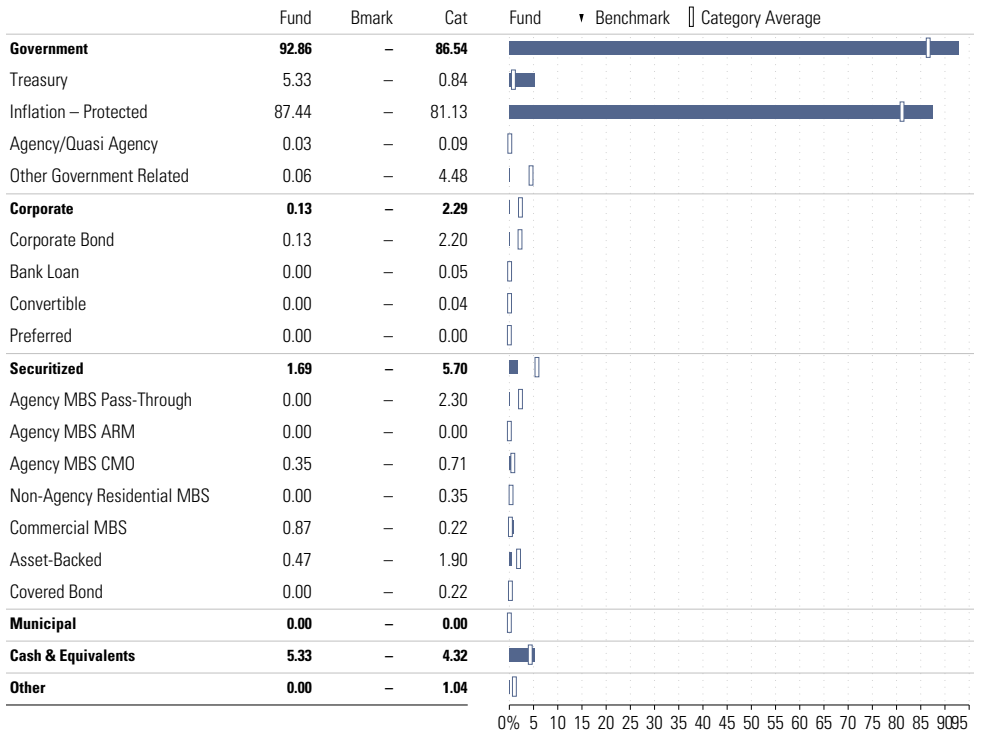


Asset Class	Net %	Cat%
US Stocks	0.09	-0.04
Non-US Stocks	0.00	0.01
Bonds	119.94	99.36
Cash	-20.04	2.36
Other	0.00	-1.70
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	95.35	0.00	95.71
AA	0.00	99.60	1.90
A	0.88	0.00	0.73
BBB	3.37	0.00	1.28
BB	0.40	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
⊕ Rrp Treasury (Cpi) Note	-	21.26	21.26	-
⊖ United States Treasury Notes 0.62%	04-2023	11.59	32.86	-
⊕ United States Treasury Notes 0.12%	01-2023	5.92	38.77	-
⊕ Rrp Treasury Note	-	5.21	43.98	-
⊕ Usd Cash(Alpha Committed)	-	4.97	48.96	-
⊕ China (People's Republic Of) 1.99%	04-2025	4.40	53.36	-
⊕ United States Treasury Notes 0.38%	07-2023	3.75	57.11	-
⊕ United States Treasury Notes 0.62%	01-2024	3.66	60.77	-
⊕ United States Treasury Notes 0.12%	07-2024	3.55	64.32	-
⊕ United States Treasury Notes 0.25%	01-2025	3.54	67.86	-

**Total Holdings 164**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Federated Hermes Govt Ultrashort IS FGUSX

**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 6 of the 10 years it's been in existence.

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

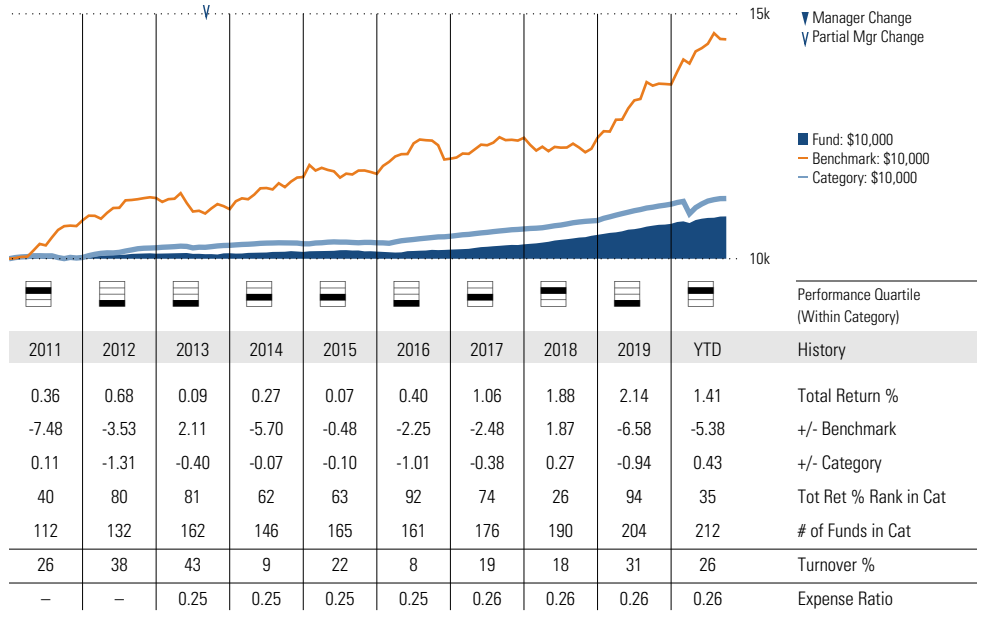
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.26 is 42.22% lower than the Ultrashort Bond category average.

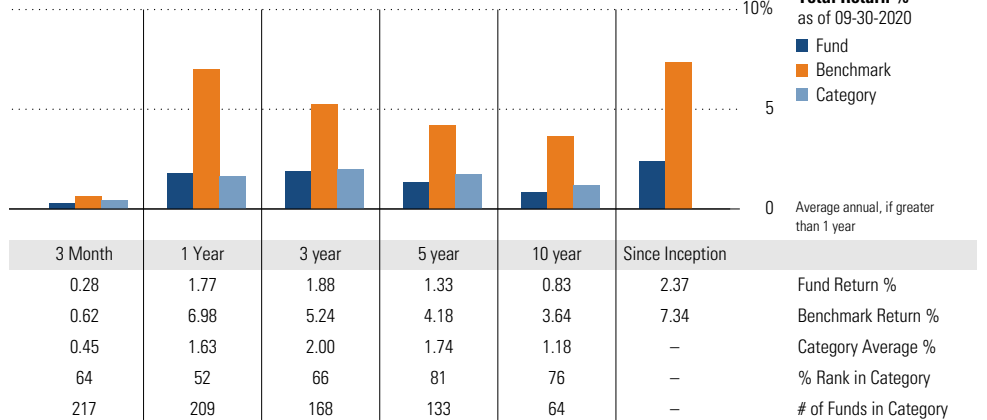
## Morningstar Investment Management LLC Analysis

This fund fails our performance consistency screen. Its relative performance versus typical peers in the ultrashort bond category has struggled, partly due to its strict adherence to investing in government securities, which have lagged credit instruments.

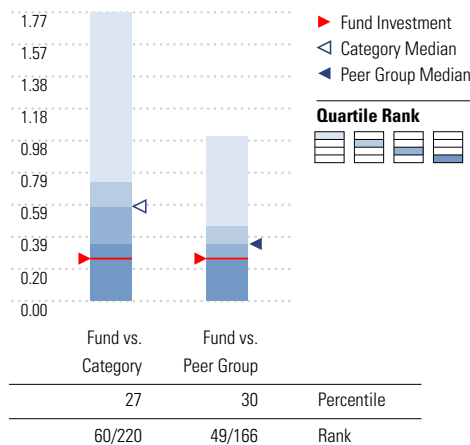
## Growth of \$10,000



## 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	1.55	-	1.16
Beta	0.06	-	0.16
R-Squared	19.71	-	12.03
Standard Deviation	0.46	3.37	1.81
Sharpe Ratio	0.53	1.07	0.24
Tracking Error	3.19	-	3.48
Information Ratio	-1.05	-	-0.96
Up Capture Ratio	19.83	-	29.17
Down Capture Ratio	-17.85	-	8.85

## Portfolio Metrics

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

# Federated Hermes Govt Ultrashort IS FGUSX

**Morningstar Category**  
Ultrashort Bond

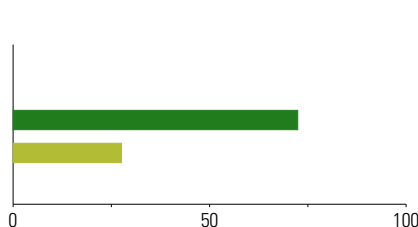
**Morningstar Index**  
BBgBarc US Agg Bond TR USD

## Style Analysis as of 09-30-2020

### Style Breakdown



## Asset Allocation as of 09-30-2020

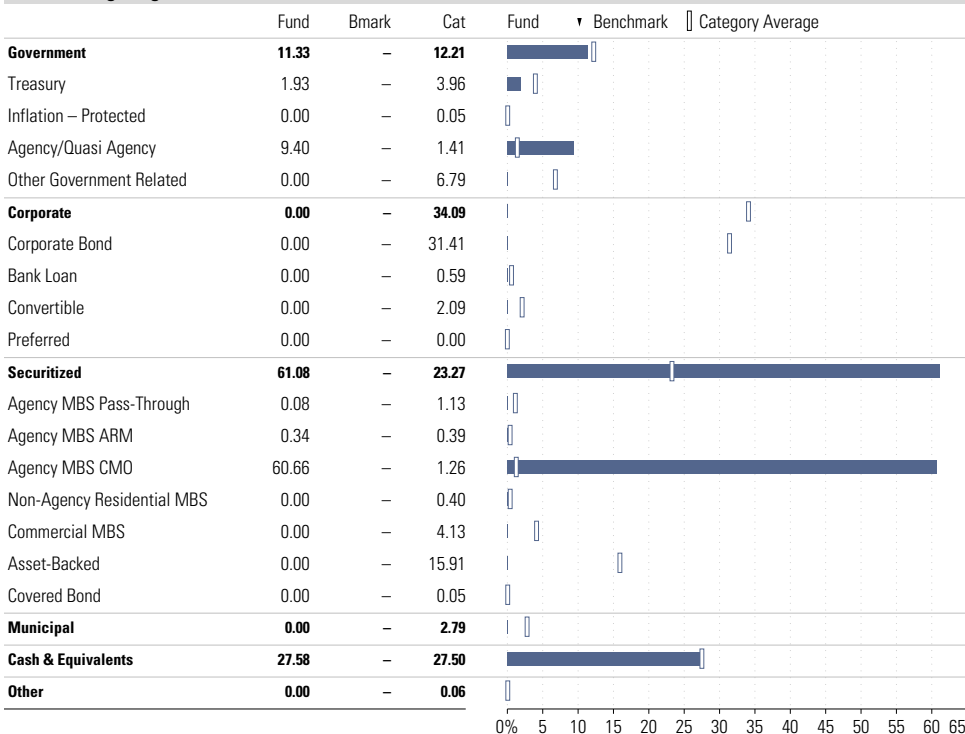


Asset Class	Net %	Cat%
US Stocks	0.00	0.08
Non-US Stocks	0.00	0.02
Bonds	72.42	69.26
Cash	27.58	28.35
Other	0.00	2.29
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### 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



## 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

# Fidelity® Contrafund® FCNTX

**Morningstar Category**  
Large Growth

**Morningstar Index**  
Russell 1000 Growth TR USD

## Portfolio Manager(s)

William Danoff since 09-1990

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 30.06 years.

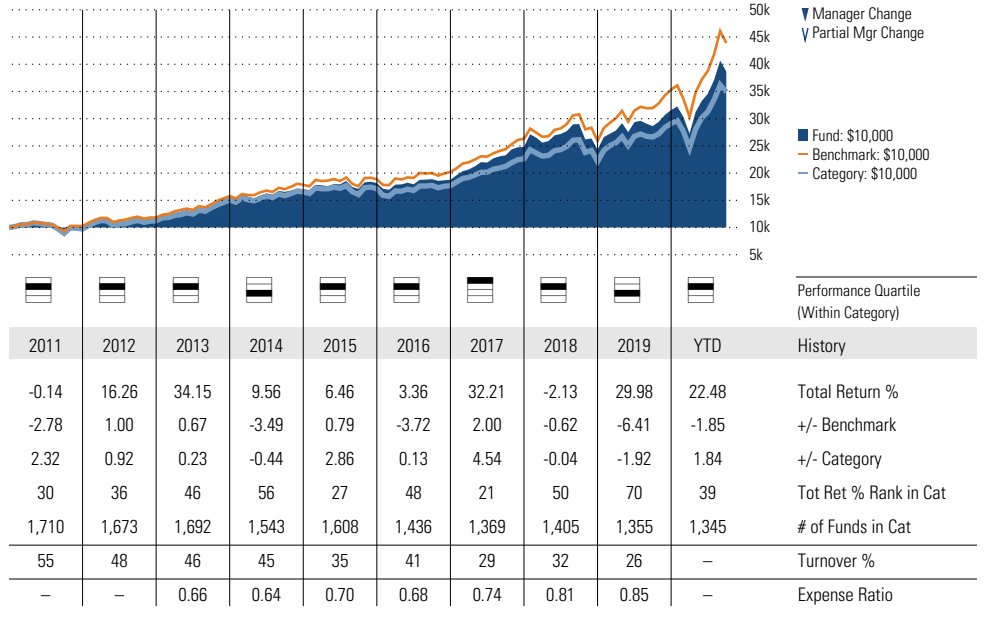
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.85 is 15.84% lower than the Large Growth category average.

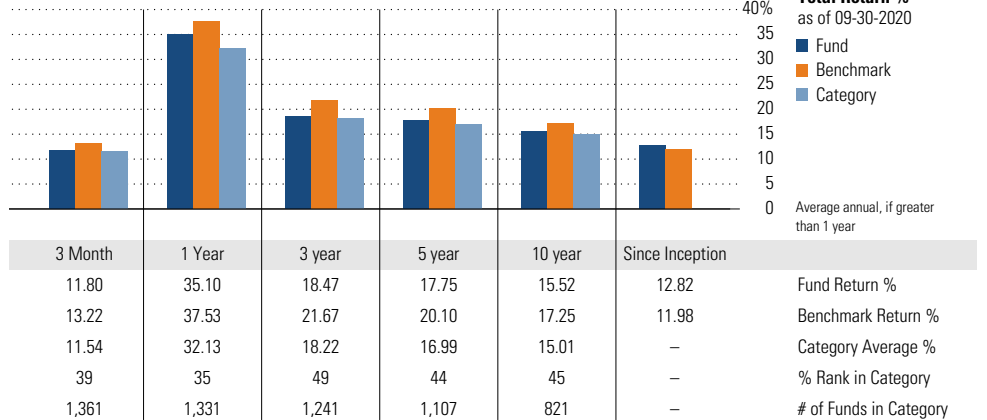
## Morningstar Investment Management LLC Analysis

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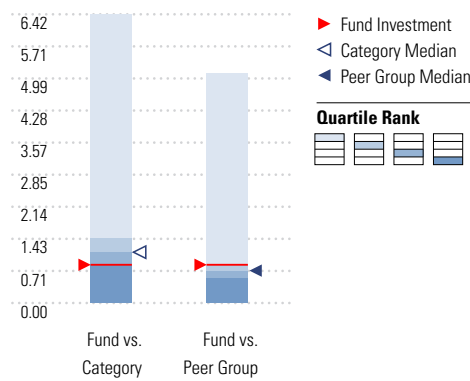
## Growth of \$10,000



## 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	-2.53	-	-2.17
Beta	0.99	-	0.97
R-Squared	98.04	-	93.87
Standard Deviation	19.07	19.05	19.20
Sharpe Ratio	0.90	1.04	0.89
Tracking Error	2.67	-	4.70
Information Ratio	-1.20	-	-0.84
Up Capture Ratio	93.13	-	92.45
Down Capture Ratio	100.82	-	99.78

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	36.02	33.32	33.48
Price/Book Ratio	6.59	9.12	7.43
Geom Avg Mkt Cap \$B	264.04	190.12	255.68
ROE	25.52	32.08	31.18

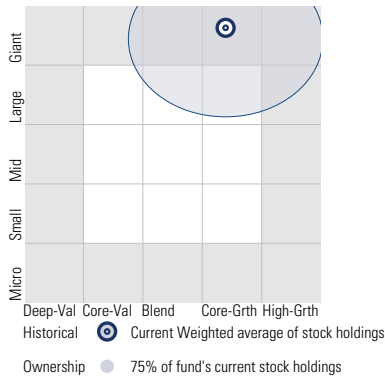
# Fidelity® Contrafund® FCNTX

**Morningstar Category**  
Large Growth

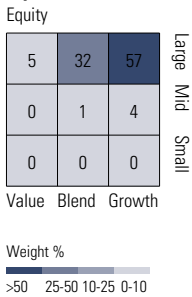
**Morningstar Index**  
Russell 1000 Growth TR USD

## Style Analysis as of 09-30-2020

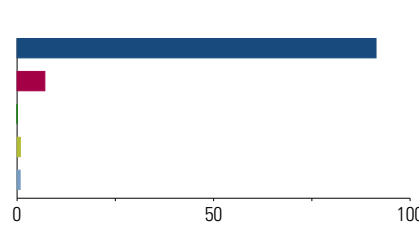
Morningstar Style Box™



## Style Breakdown

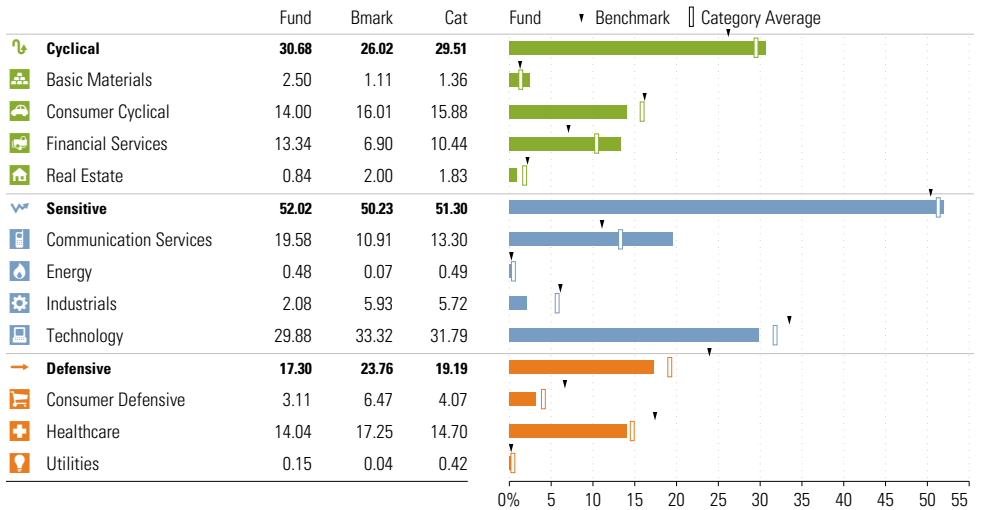


## Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	91.33	92.02
Non-US Stocks	7.06	5.82
Bonds	0.01	0.03
Cash	0.83	1.61
Other	0.77	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
Amazon.com Inc	9.95	9.95	70.40	Consumer Cyclical
Facebook Inc A	8.99	18.94	27.60	Communication Svc
Microsoft Corp	5.94	24.88	34.34	Technology
Salesforce.com Inc	4.68	29.56	54.53	Technology
Berkshire Hathaway Inc Class A	4.55	34.11	-5.77	Financial Services
Adobe Inc	3.45	37.56	48.70	Technology
Apple Inc	3.30	40.86	58.57	Technology
Visa Inc Class A	2.98	43.85	6.90	Financial Services
Netflix Inc	2.91	46.76	54.54	Communication Svc
UnitedHealth Group Inc	2.76	49.52	7.27	Healthcare
Alphabet Inc A	2.35	51.87	9.42	Communication Svc
Alphabet Inc Class C	2.21	54.08	9.92	Communication Svc
Mastercard Inc A	1.87	55.94	13.66	Financial Services
PayPal Holdings Inc	1.59	57.54	82.15	Financial Services
NVIDIA Corp	1.58	59.11	130.22	Technology

**Total Holdings 336**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# JPMorgan Equity Income R6 OIEJX

**Morningstar Category**  
Large Value

**Morningstar Index**  
Russell 1000 Value TR USD

## Portfolio Manager(s)

Clare Hart since 08-2004  
David Silberman since 11-2019  
Andrew Brandon since 11-2019

## Quantitative Screens

✔ **Performance:** The fund has finished in the Large Value category's top three quartiles in 8 of the 8 years it's been in existence.

✔ **Management:** The fund's management has been in place for 16.18 years.

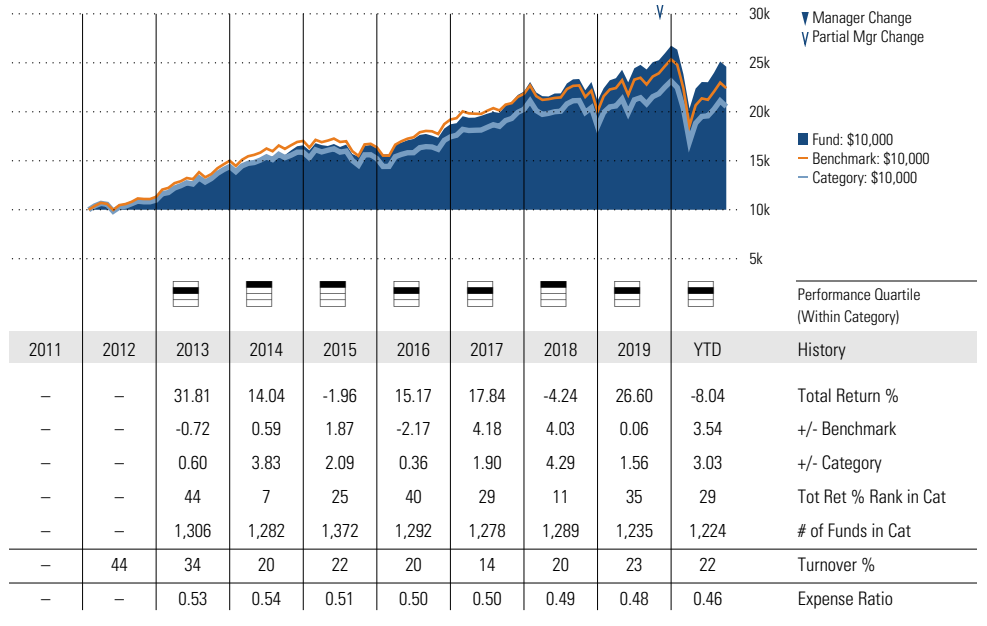
✔ **Style:** The fund has landed in its primary style box — Large Value — 82.86 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.49 is 47.87% lower than the Large Value category average.

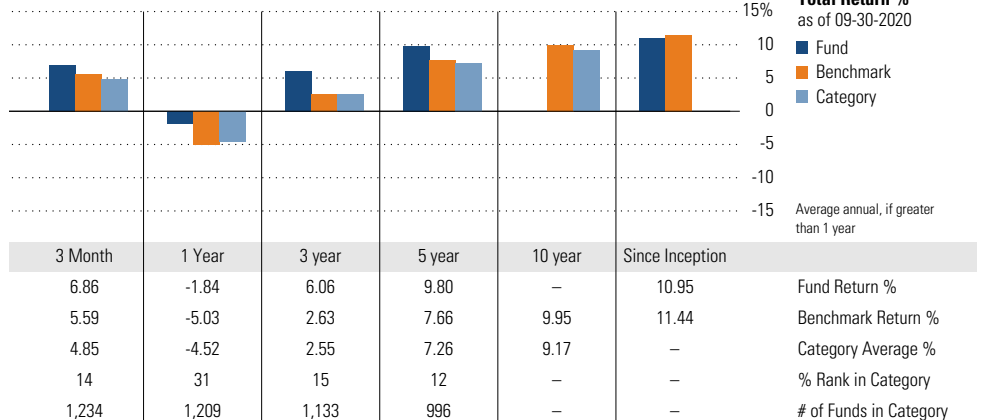
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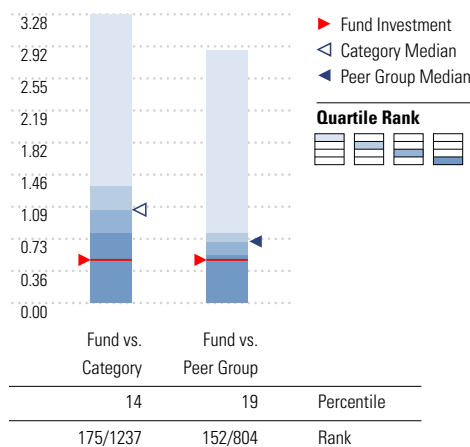
## Growth of \$10,000



## 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	3.41	–	-0.21
Beta	0.90	–	0.99
R-Squared	98.71	–	96.08
Standard Deviation	16.68	18.33	18.50
Sharpe Ratio	0.34	0.15	0.14
Tracking Error	2.58	–	3.93
Information Ratio	1.33	–	-0.07
Up Capture Ratio	101.63	–	99.08
Down Capture Ratio	87.18	–	100.37

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	20.81	21.67	19.07
Price/Book Ratio	2.46	2.42	1.79
Geom Avg Mkt Cap \$B	86.91	64.52	92.25
ROE	19.80	17.16	15.63

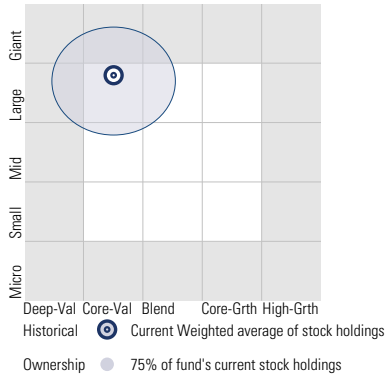
# JPMorgan Equity Income R6 OIEJX

**Morningstar Category**  
Large Value

**Morningstar Index**  
Russell 1000 Value TR USD

## Style Analysis as of 09-30-2020

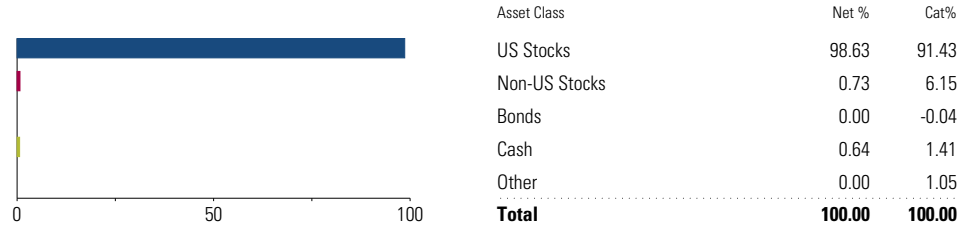
Morningstar Style Box™



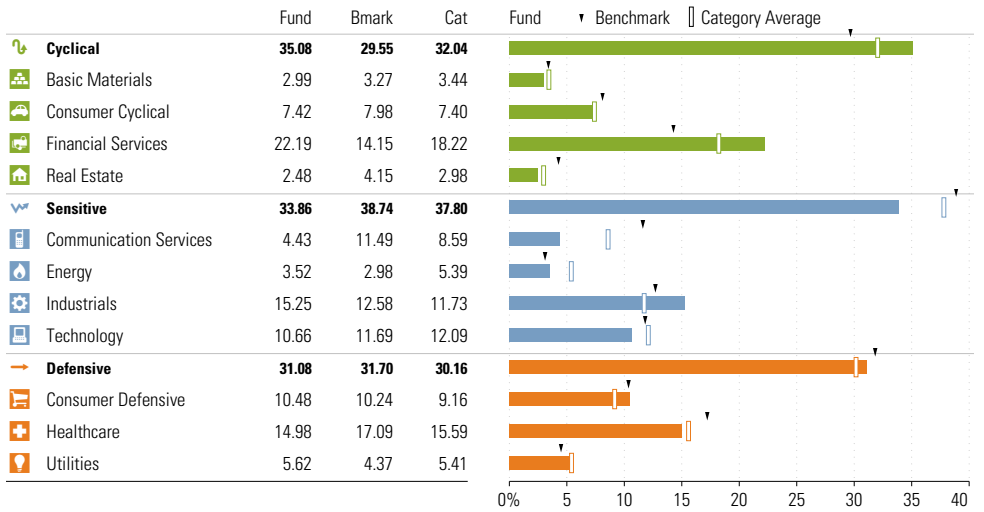
## Style Breakdown



## 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	2.56	2.56	4.36	Communication Svc
Johnson & Johnson	2.45	5.01	4.10	Healthcare
Bristol-Myers Squibb Company	2.43	7.44	-3.97	Healthcare
Texas Instruments Inc	2.39	9.84	13.41	Technology
Bank of America Corp	2.35	12.19	-30.07	Financial Services
BlackRock Inc	2.30	14.49	14.27	Financial Services
The Home Depot Inc	2.21	16.69	29.23	Consumer Cyclical
CME Group Inc Class A	2.16	18.86	-15.37	Financial Services
Medtronic PLC	2.06	20.92	-6.90	Healthcare
NextEra Energy Inc	1.96	22.88	16.35	Utilities
UnitedHealth Group Inc	1.88	24.76	7.27	Healthcare
Analog Devices Inc	1.87	26.63	-0.20	Technology
Dover Corp	1.86	28.49	-4.72	Industrials
Procter & Gamble Co	1.84	30.33	13.14	Consumer Defensive
Verizon Communications Inc	1.84	32.17	-0.11	Communication Svc

## Total Holdings 93

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Loomis Sayles Bond N LSBNX

**Morningstar Category**  
Multisector Bond

**Morningstar Index**  
BBgBarc US Universal TR USD

## Portfolio Manager(s)

Daniel Fuss since 05-1991  
Matthew Eagan since 02-2007  
Elaine Stokes since 02-2007  
Brian Kennedy since 06-2016

## Quantitative Screens

**Performance:** The fund has finished in the Multisector Bond category's top three quartiles in 5 of the 7 years it's been in existence.

**Management:** The fund's management has been in place for 29.4 years.

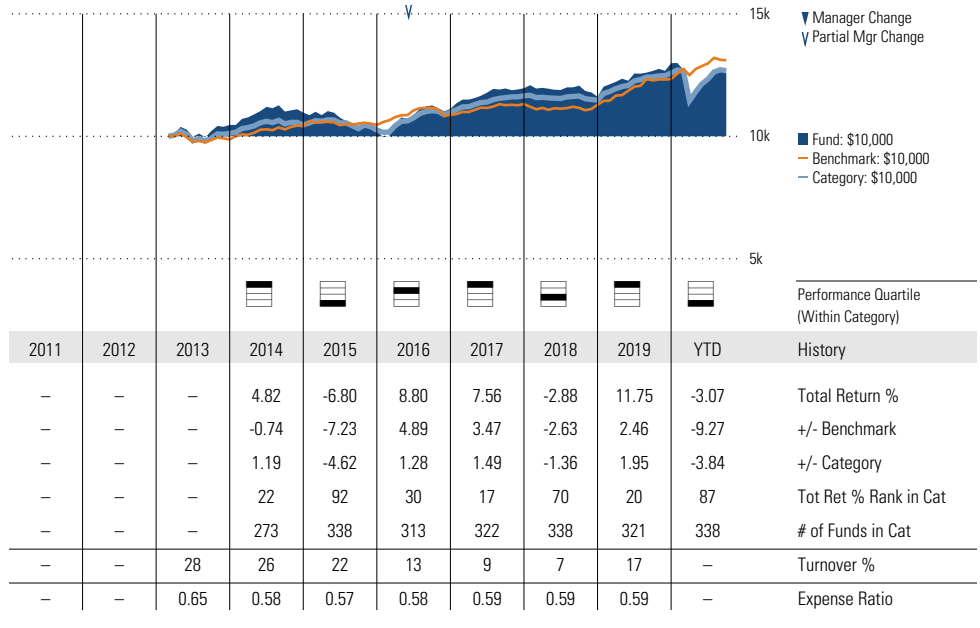
Style Consistency is not calculated for Fixed Income funds.

**Net Expense:** The fund's expense ratio of 0.59 is 43.81% lower than the Multisector Bond category average.

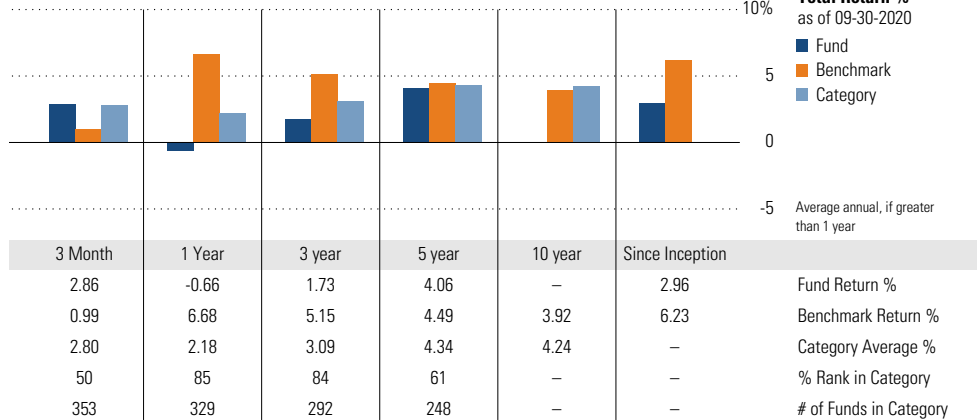
## Morningstar Investment Management LLC Analysis

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

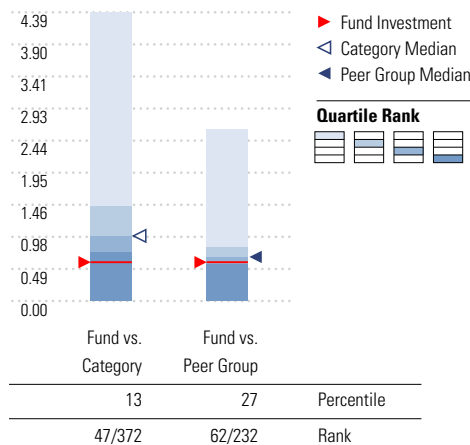
## Growth of \$10,000



## 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	-3.65	-	-3.04
Beta	1.11	-	1.28
R-Squared	24.79	-	35.98
Standard Deviation	7.61	3.40	7.65
Sharpe Ratio	0.05	1.03	0.29
Tracking Error	6.61	-	6.35
Information Ratio	-0.52	-	-0.32
Up Capture Ratio	79.05	-	95.40
Down Capture Ratio	170.93	-	164.08

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	7.52	4.55	4.52
Avg Eff Maturity	9.86	7.69	7.45

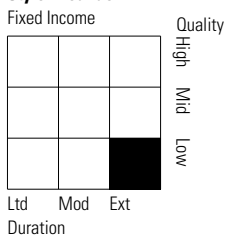
# Loomis Sayles Bond N LSBNX

Morningstar Category  
Multisector Bond

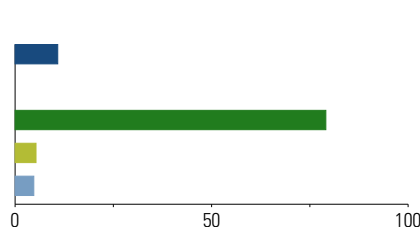
Morningstar Index  
BBgBarc US Universal TR USD

## Style Analysis as of 09-30-2020

### Style Breakdown



## Asset Allocation as of 09-30-2020

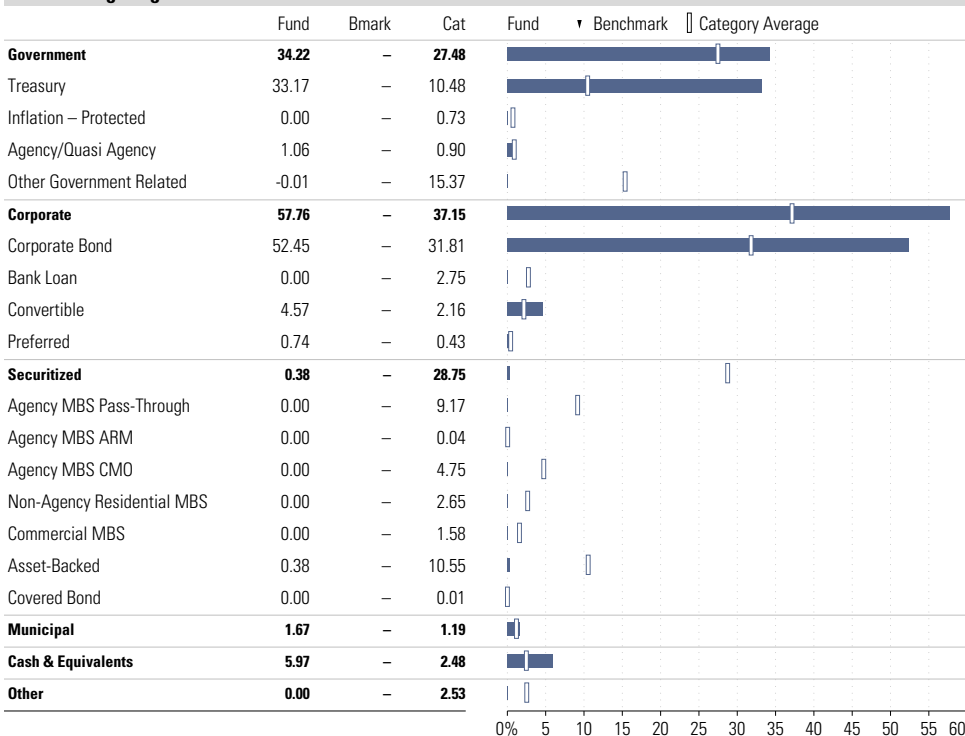


Asset Class	Net %	Cat%
US Stocks	10.85	1.84
Non-US Stocks	0.00	0.10
Bonds	79.07	103.62
Cash	5.32	-7.92
Other	4.76	2.38
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	29.03	67.64	18.27
AA	0.03	3.23	8.61
A	8.89	10.03	8.89
BBB	24.63	10.89	24.31
BB	14.61	3.19	20.01
B	9.57	3.64	12.52
Below B	2.20	1.38	3.44
Not Rated	11.04	0.00	3.94

## Sector Weighting as of 09-30-2020



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

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
United States Treasury Bonds 1.25%	05-2050	8.79	8.79	-
⊕ United States Treasury Bonds 1.38%	08-2050	4.51	13.30	-
Bristol-Myers Squibb Company	-	3.95	17.24	Healthcare
AT&T Inc	-	3.61	20.86	Communication Svc
United States Treasury Notes 1.5%	11-2021	3.10	23.96	-
United States Treasury Bonds 3%	08-2048	3.03	26.98	-
⊕ Fixed Inc Clearing Corp.Repo	09-2020	2.62	29.60	-
Mexico (United Mexican States) 8%	12-2023	2.16	31.76	-
Mexico (United Mexican States) 10%	12-2024	2.05	33.81	-
DISH Network Corporation 3.38%	08-2026	1.99	35.80	-

Total Holdings 325

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# MFS Research International R4 MRSJX

**Morningstar Category**  
Foreign Large Blend

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

## Portfolio Manager(s)

Victoria Higley since 04-2016  
Camille Lee since 09-2018

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 4.42 years.

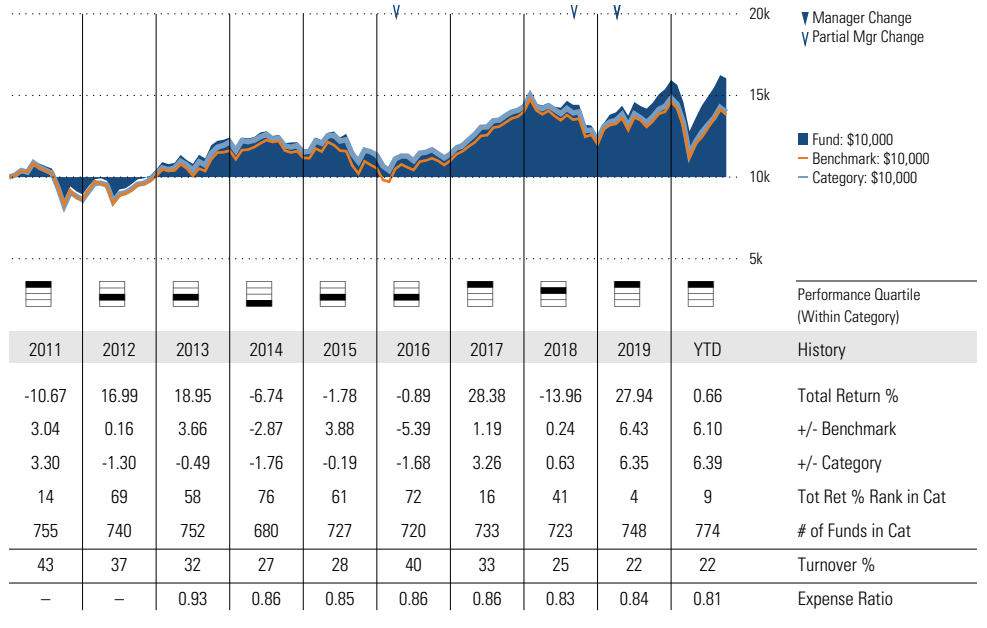
✘ **Style:** The fund has landed in its primary style box — Large Blend — 34.29 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.86 is 8.51% lower than the Foreign Large Blend category average.

## Morningstar Investment Management LLC Analysis

This fund fails our style consistency screen owing to a slight drift into the large growth column of our style box. We are monitoring the situation, but the portfolio still represents a blend strategy.

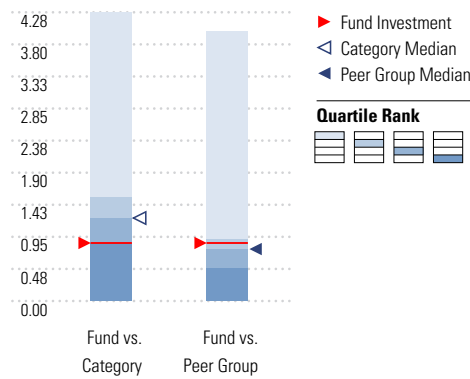
## Growth of \$10,000



## 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	4.07	-	-0.51
Beta	0.90	-	0.99
R-Squared	95.97	-	95.09
Standard Deviation	14.96	16.23	16.45
Sharpe Ratio	0.31	0.05	0.02
Tracking Error	3.39	-	3.81
Information Ratio	1.23	-	-0.16
Up Capture Ratio	101.44	-	95.87
Down Capture Ratio	83.25	-	98.50

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	22.95	18.53	19.34
Price/Book Ratio	2.20	1.60	1.66
Geom Avg Mkt Cap \$B	37.25	38.32	41.07
ROE	15.74	13.40	14.15

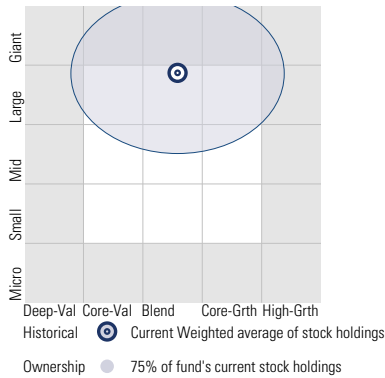
# MFS Research International R4 MRSJX

**Morningstar Category**  
Foreign Large Blend

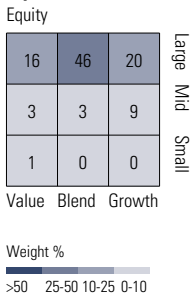
**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Style Analysis as of 09-30-2020

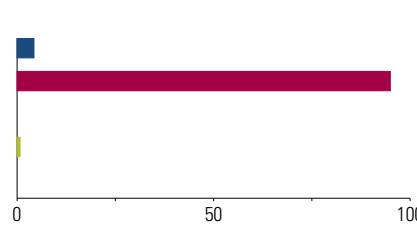
Morningstar Style Box™



## Style Breakdown

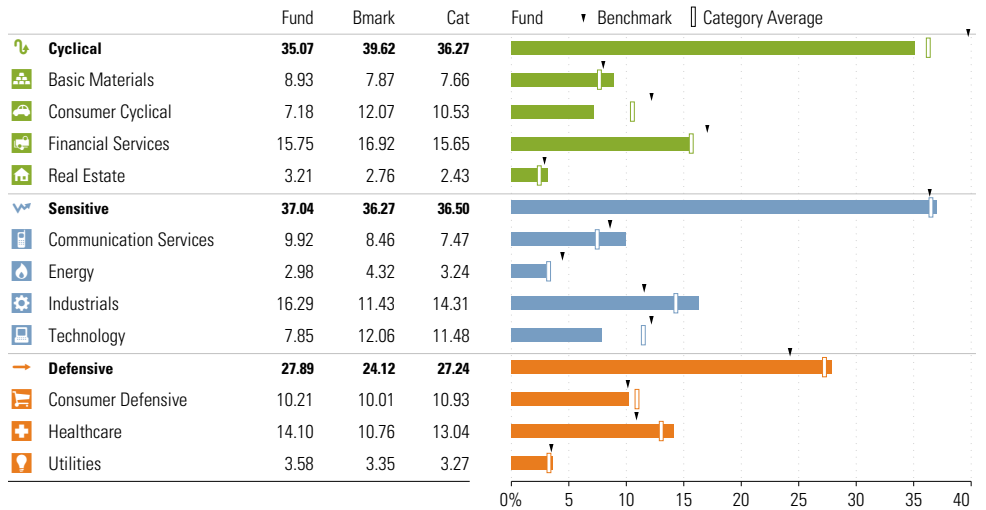


## Asset Allocation as of 09-30-2020

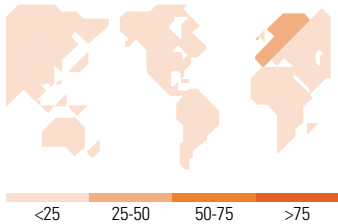


Asset Class	Net %	Cat%
US Stocks	4.29	4.00
Non-US Stocks	94.96	93.45
Bonds	0.00	0.59
Cash	0.75	0.92
Other	0.00	1.03
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## 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	38.08	37.93	Americas	6.16	7.10	Greater Europe	55.76	54.97	Developed Markets	93.85
Japan	21.86	20.42	North America	6.16	6.36	United Kingdom	10.01	12.15	Emerging Markets	6.15
Australasia	2.33	5.17	Central/Latin	0.00	0.74	W euro-ex UK	45.75	41.64	Not Available	0.00
Asia-4 Tigers	7.74	6.67				Emrgng Europe	0.00	0.35		
Asia-ex 4 Tigers	6.15	5.67				Africa	0.00	0.83		
Not Classified	0.00	0.00								

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

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Roche Holding AG Dividend Right Cert.	3.46	3.46	3.23	Healthcare
⊕ Nestle SA	3.32	6.78	6.93	Consumer Defensive
⊕ Novo Nordisk A/S B	2.61	9.39	15.85	Healthcare
⊕ Schneider Electric SE	2.54	11.93	18.69	Industrials
⊕ Linde PLC	2.45	14.38	13.21	Basic Materials
⊕ Euronext NV	1.99	16.37	49.33	Financial Services
⊕ LVMH Moet Hennessy Louis Vuitton SE	1.80	18.17	-2.95	Consumer Cyclical
⊕ AIA Group Ltd	1.80	19.97	-5.64	Financial Services
⊕ Daikin Industries Ltd	1.77	21.73	25.44	Industrials
⊕ Santen Pharmaceutical Co Ltd	1.69	23.42	4.36	Healthcare

**Total Holdings 116**

⊕ 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.

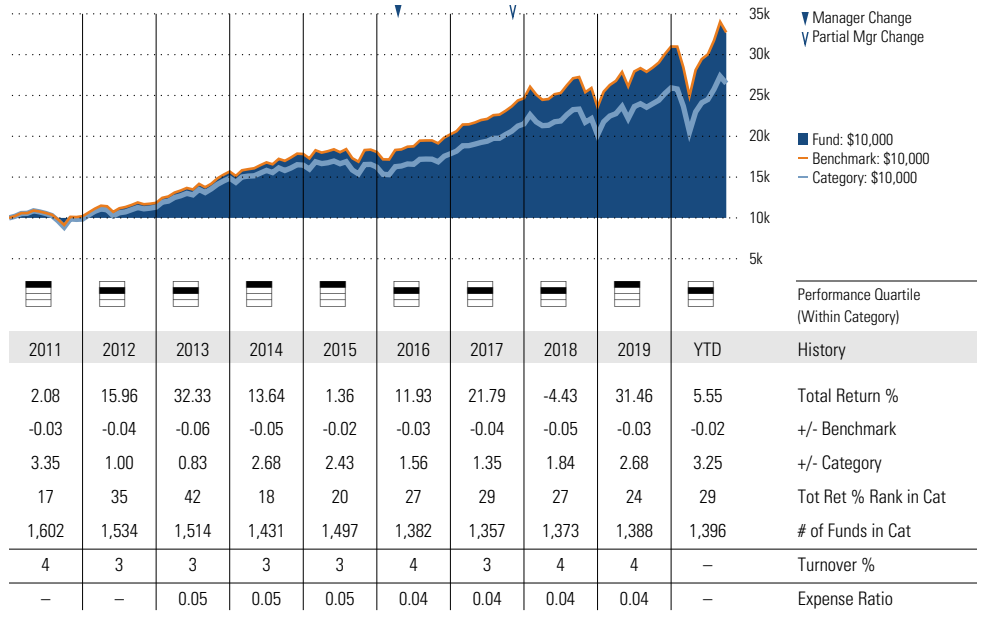
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

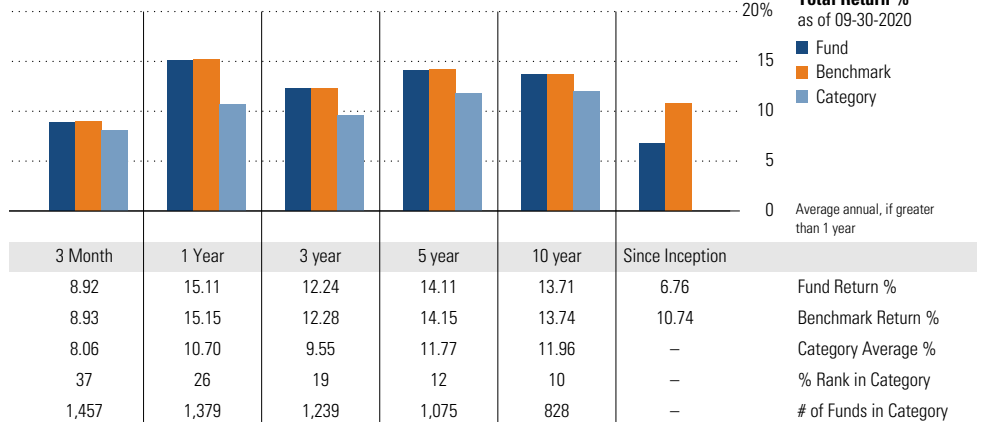
## Morningstar Investment Management LLC Analysis

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.

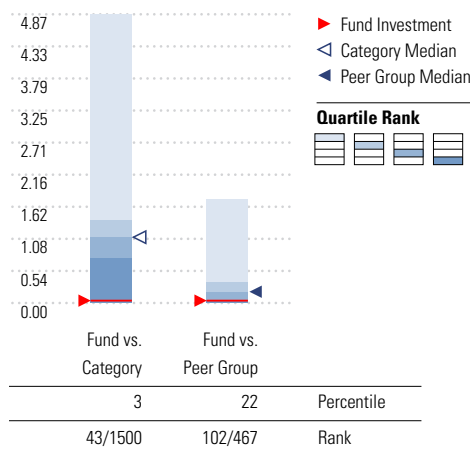
## Growth of \$10,000



## 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

	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

	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

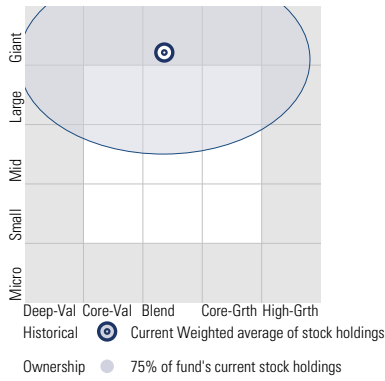
# Vanguard 500 Index Admiral VFIAX

**Morningstar Category**  
Large Blend

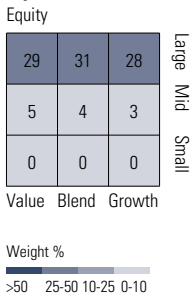
**Morningstar Index**  
S&P 500 TR USD

## Style Analysis as of 09-30-2020

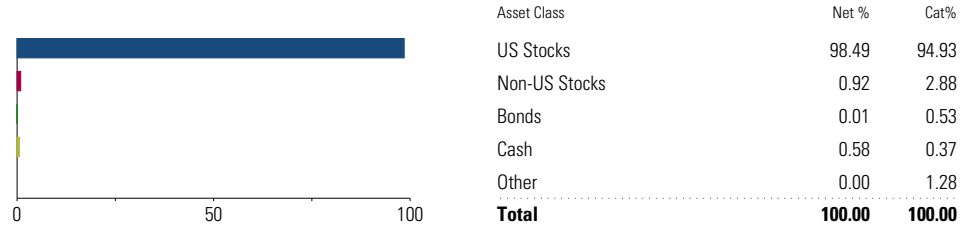
Morningstar Style Box™



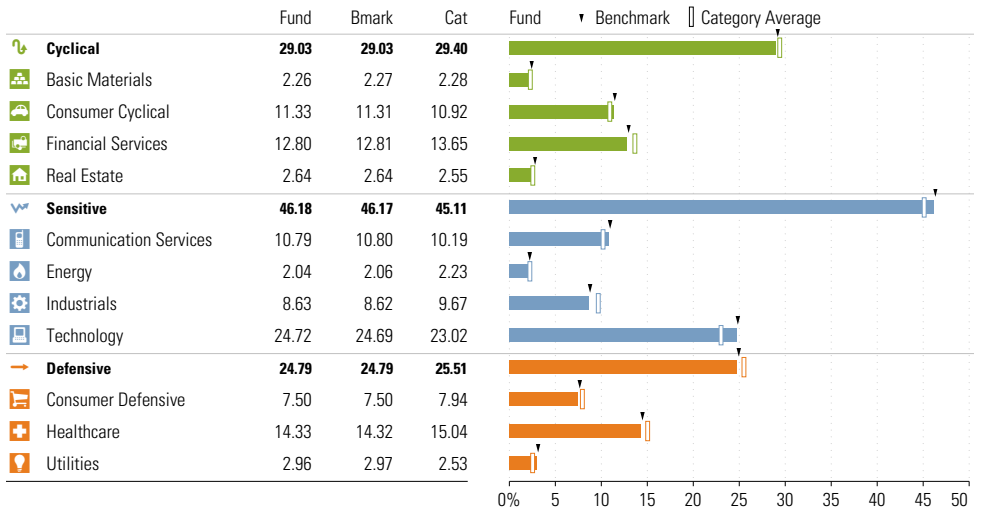
## Style Breakdown



## 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.

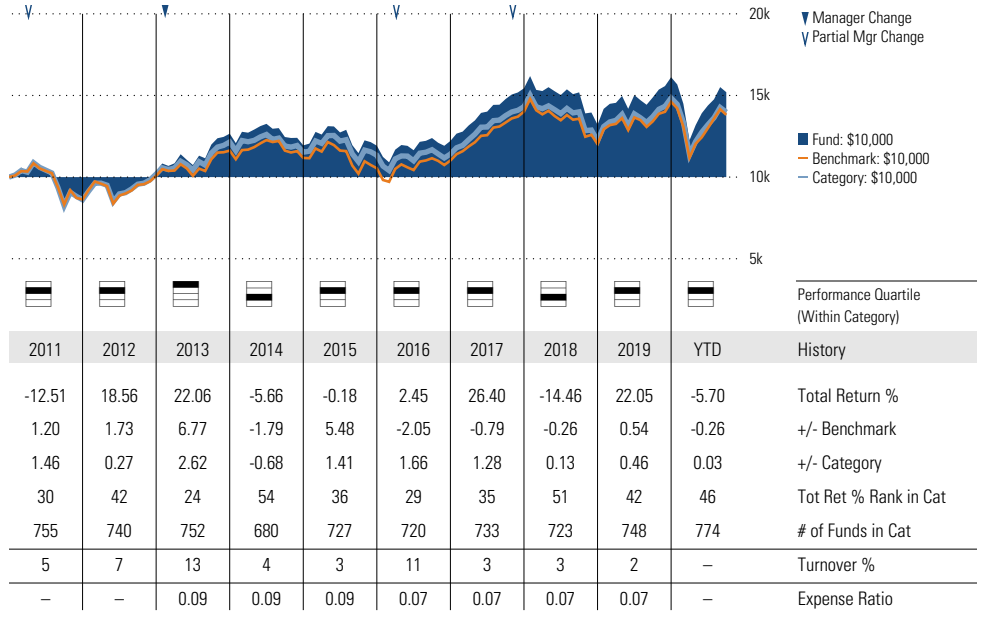
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

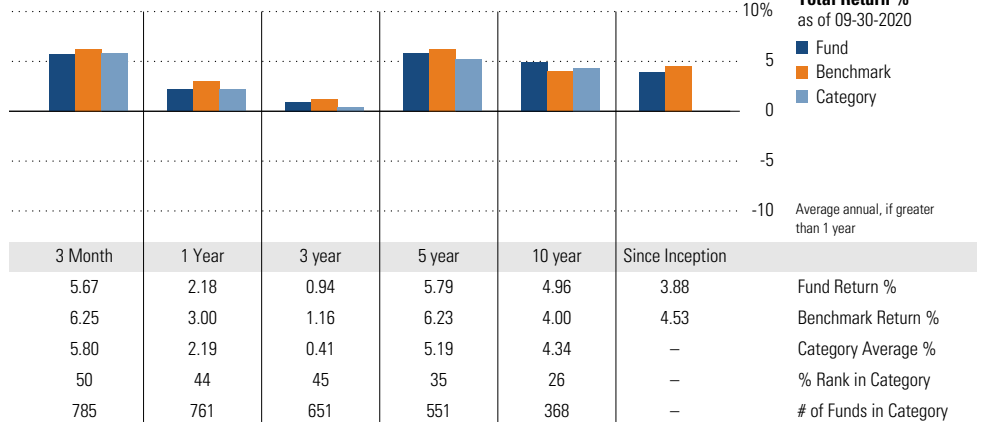
## Morningstar Investment Management LLC Analysis

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.

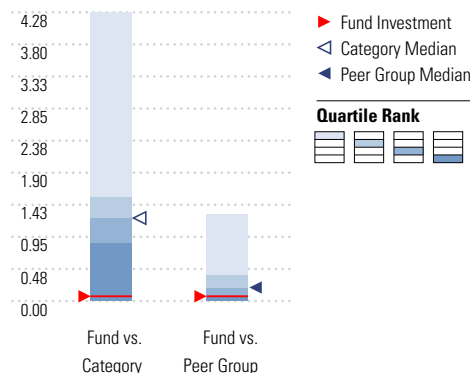
## Growth of \$10,000



## 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

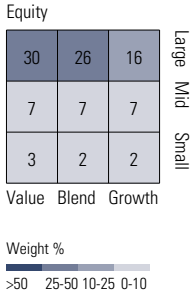
**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Style Analysis as of 09-30-2020

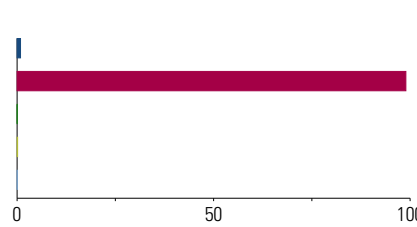
Morningstar Style Box™



## Style Breakdown

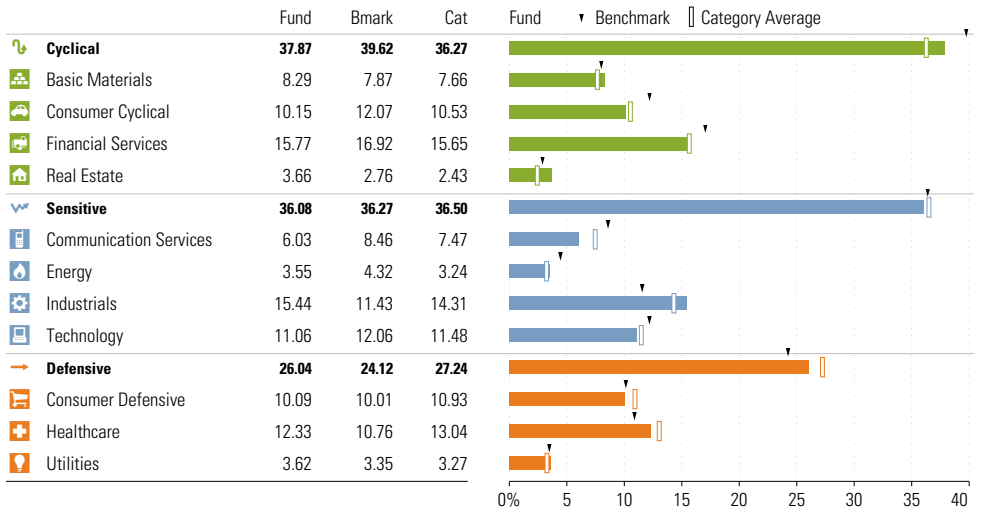


## Asset Allocation as of 09-30-2020



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 Interim-Term Bond Index Adm VBILX

**Morningstar Category**  
Intermediate Core Bond

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

## Portfolio Manager(s)

Joshua Barrickman since 04-2008

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 12.44 years.

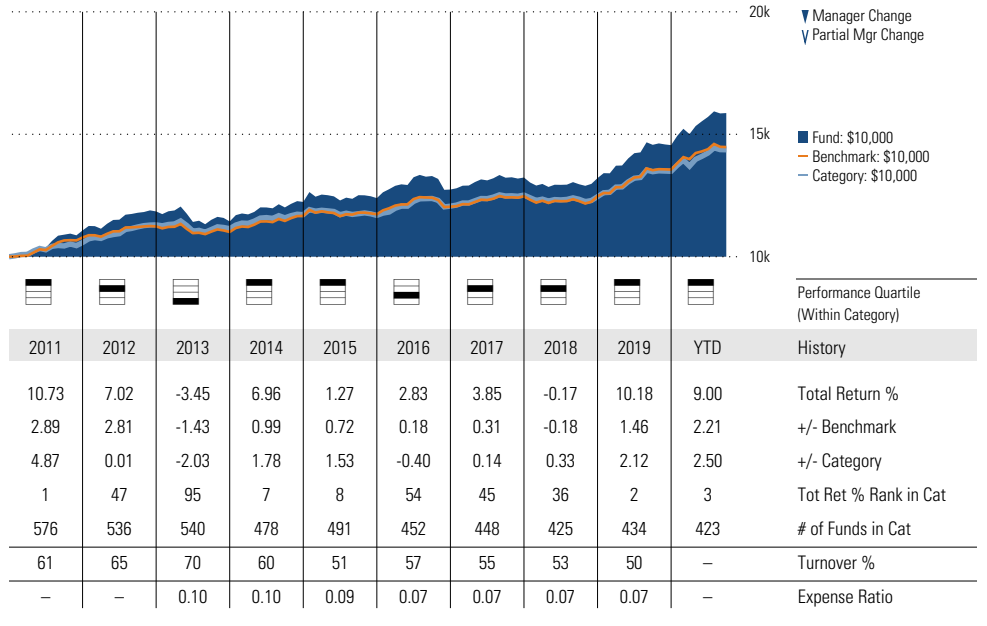
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.07 is 88.71% lower than the Intermediate Core Bond category average.

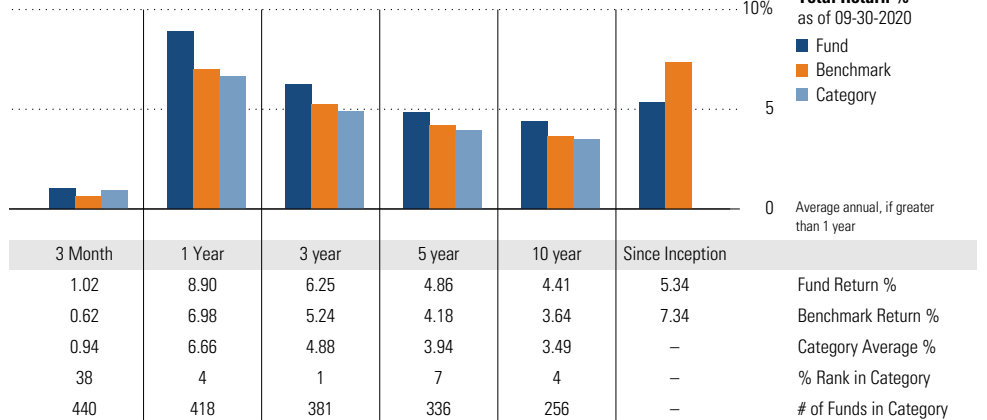
## Morningstar Investment Management LLC Analysis

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.

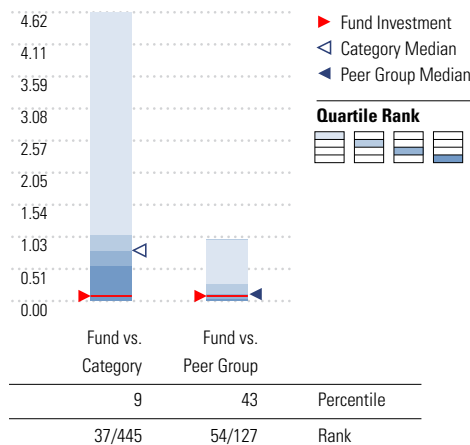
## Growth of \$10,000



## 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	0.16	-	-0.26
Beta	1.16	-	0.98
R-Squared	94.86	-	83.98
Standard Deviation	4.01	3.37	3.64
Sharpe Ratio	1.14	1.07	0.90
Tracking Error	1.06	-	1.43
Information Ratio	0.96	-	-0.42
Up Capture Ratio	119.63	-	98.36
Down Capture Ratio	121.23	-	111.19

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	6.52	4.43	5.42
Avg Eff Maturity	7.40	-	7.44

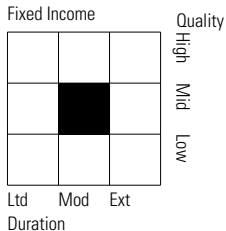
# Vanguard Interm-Term Bond Index Adm VBILX

**Morningstar Category**  
Intermediate Core Bond

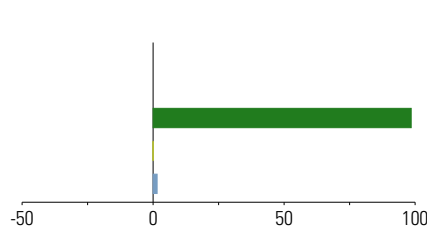
**Morningstar Index**  
BBgBarc US Agg Bond TR USD

## 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	98.50	91.64
Cash	-0.03	5.61
Other	1.53	2.73
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	50.55	3.53	41.98
AA	3.49	74.59	11.97
A	18.74	10.82	26.54
BBB	27.22	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

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Government</b>	<b>53.66</b>	-	<b>24.06</b>	[Bar chart showing Government sector weighting]		
Treasury	50.35	-	18.63	[Bar chart showing Treasury weighting]		
Inflation – Protected	0.00	-	1.62	[Bar chart showing Inflation – Protected weighting]		
Agency/Quasi Agency	2.03	-	1.34	[Bar chart showing Agency/Quasi Agency weighting]		
Other Government Related	1.28	-	2.47	[Bar chart showing Other Government Related weighting]		
<b>Corporate</b>	<b>45.90</b>	-	<b>30.16</b>	[Bar chart showing Corporate sector weighting]		
Corporate Bond	44.39	-	28.60	[Bar chart showing Corporate Bond weighting]		
Bank Loan	0.00	-	0.23	[Bar chart showing Bank Loan weighting]		
Convertible	1.51	-	1.31	[Bar chart showing Convertible weighting]		
Preferred	0.00	-	0.02	[Bar chart showing Preferred weighting]		
<b>Securitized</b>	<b>0.15</b>	-	<b>33.95</b>	[Bar chart showing Securitized sector weighting]		
Agency MBS Pass-Through	0.00	-	22.85	[Bar chart showing Agency MBS Pass-Through weighting]		
Agency MBS ARM	0.00	-	0.08	[Bar chart showing Agency MBS ARM weighting]		
Agency MBS CMO	0.00	-	4.85	[Bar chart showing Agency MBS CMO weighting]		
Non-Agency Residential MBS	0.00	-	0.27	[Bar chart showing Non-Agency Residential MBS weighting]		
Commercial MBS	0.00	-	0.74	[Bar chart showing Commercial MBS weighting]		
Asset-Backed	0.15	-	5.16	[Bar chart showing Asset-Backed weighting]		
Covered Bond	0.00	-	0.00	[Bar chart showing Covered Bond weighting]		
<b>Municipal</b>	<b>0.29</b>	-	<b>0.94</b>	[Bar chart showing Municipal sector weighting]		
<b>Cash &amp; Equivalents</b>	<b>0.00</b>	-	<b>7.88</b>	[Bar chart showing Cash & Equivalents sector weighting]		
<b>Other</b>	<b>0.00</b>	-	<b>3.02</b>	[Bar chart showing Other sector weighting]		

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

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
United States Treasury Notes	-	2.30	2.30	-
United States Treasury Notes	-	2.12	4.43	-
United States Treasury Notes	-	2.08	6.50	-
United States Treasury Notes	-	2.08	8.58	-
⊕ United States Treasury Notes	-	2.04	10.62	-
United States Treasury Notes	-	1.93	12.55	-
United States Treasury Notes	-	1.89	14.44	-
United States Treasury Notes	-	1.88	16.31	-
⊕ United States Treasury Notes	-	1.87	18.18	-
United States Treasury Notes	-	1.76	19.95	-

**Total Holdings 2152**

⊕ 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.

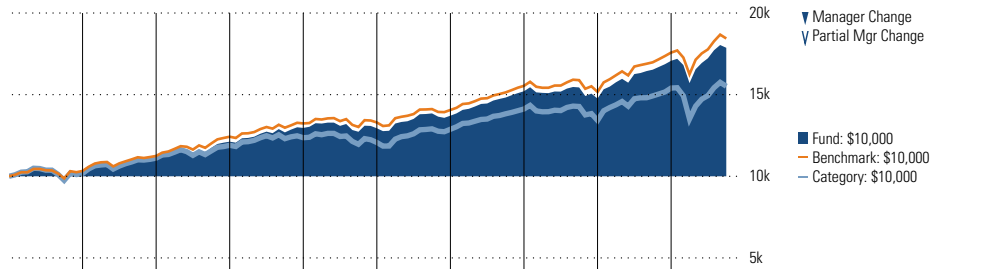
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **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

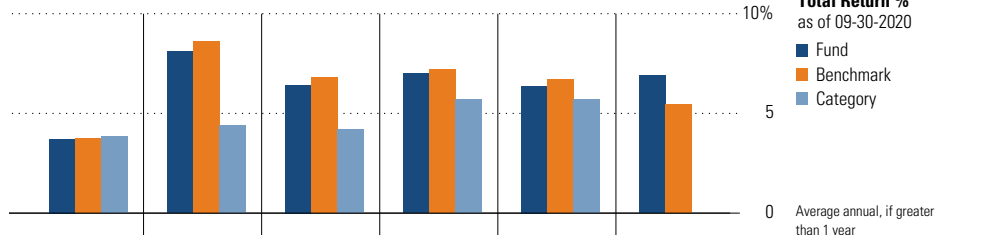
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Growth of \$10,000



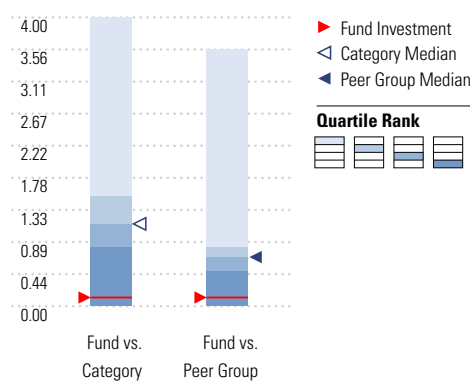
	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	Performance Quartile (Within Category)
											History
	1.76	9.19	9.08	6.95	-0.17	5.96	10.92	-2.95	15.68	4.66	Total Return %
	-1.51	0.29	-1.39	0.40	-0.62	0.19	0.41	-0.54	-0.21	-0.25	+/- Benchmark
	0.06	-0.21	1.85	2.93	2.15	-0.66	1.06	2.09	0.87	3.64	+/- 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

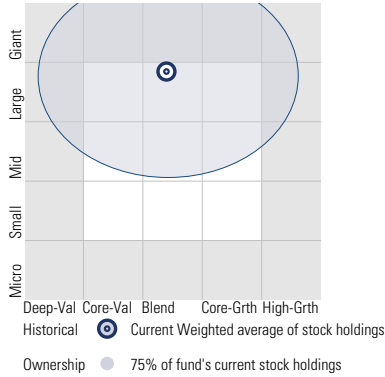
# Vanguard LifeStrategy Cnsvr Gr Inv VSCGX

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

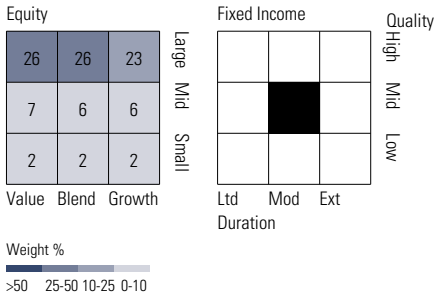
**Morningstar Index**  
Morningstar US Mod Con Tgt Alloc NR  
USD

## Style Analysis as of 09-30-2020

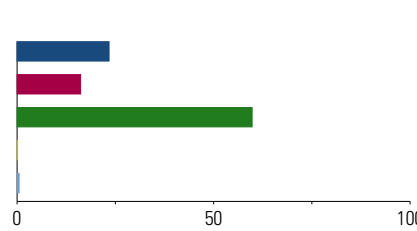
Morningstar Style Box™



## Style Breakdown

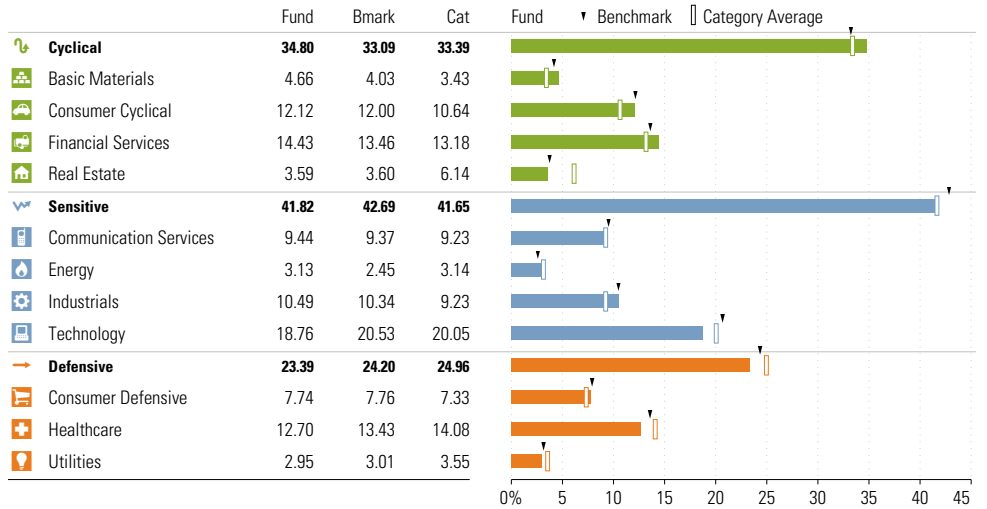


## Asset Allocation as of 09-30-2020



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.

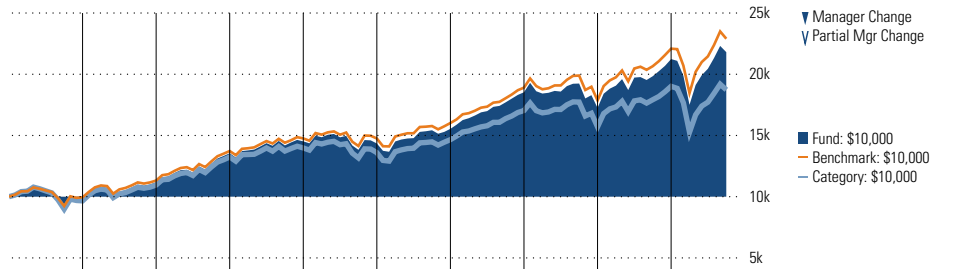
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **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

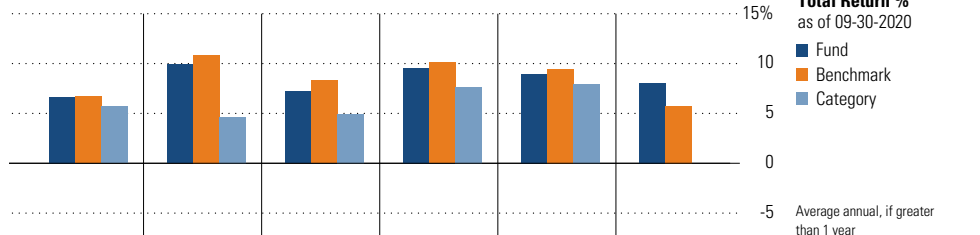
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Growth of \$10,000



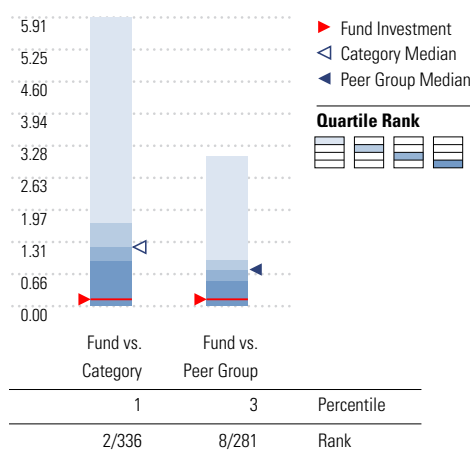
	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	Performance Quartile (Within Category)
											History
Total Return %	-2.28	14.38	21.20	7.18	-1.17	8.33	19.21	-6.90	23.13	2.65	Total Return %
+/- Benchmark	-1.80	0.62	-0.07	-0.32	-1.14	-0.23	1.18	-1.37	-0.54	-1.02	+/- Benchmark
+/- Category	1.52	0.96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

## Trailing Performance



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

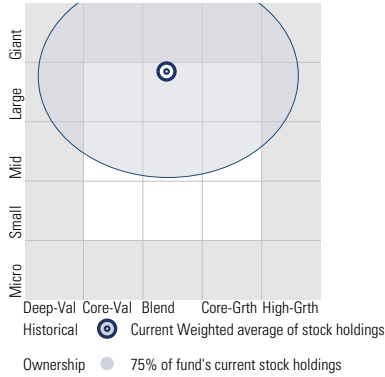
# Vanguard LifeStrategy Growth Inv VASGX

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

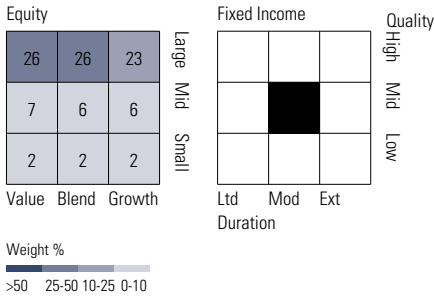
**Morningstar Index**  
Morningstar US Mod Agg Tgt Alloc NR  
USD

## Style Analysis as of 09-30-2020

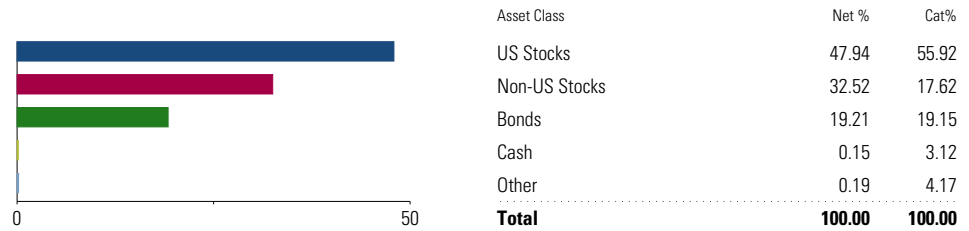
Morningstar Style Box™



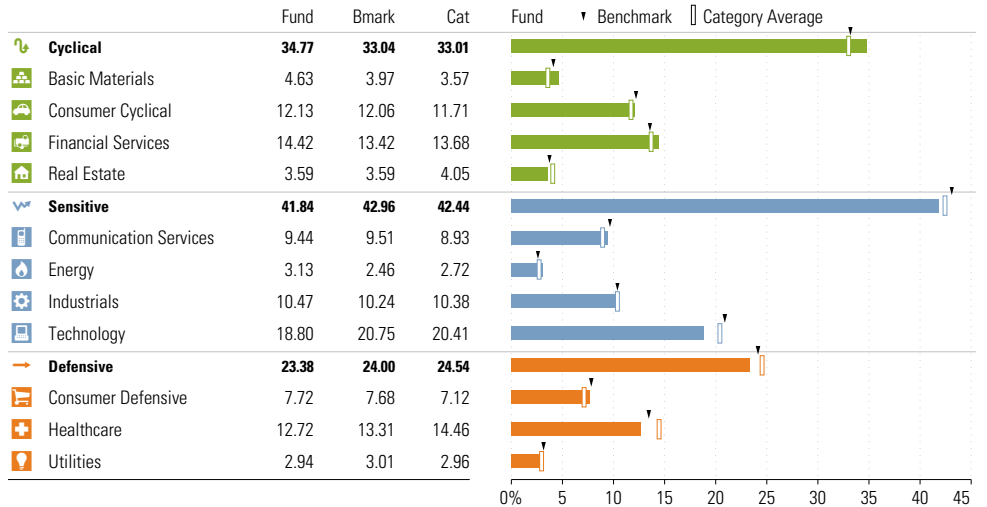
## Style Breakdown



## 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.

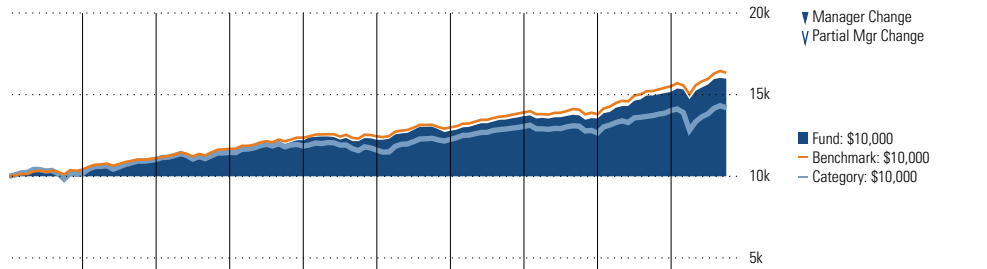
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **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

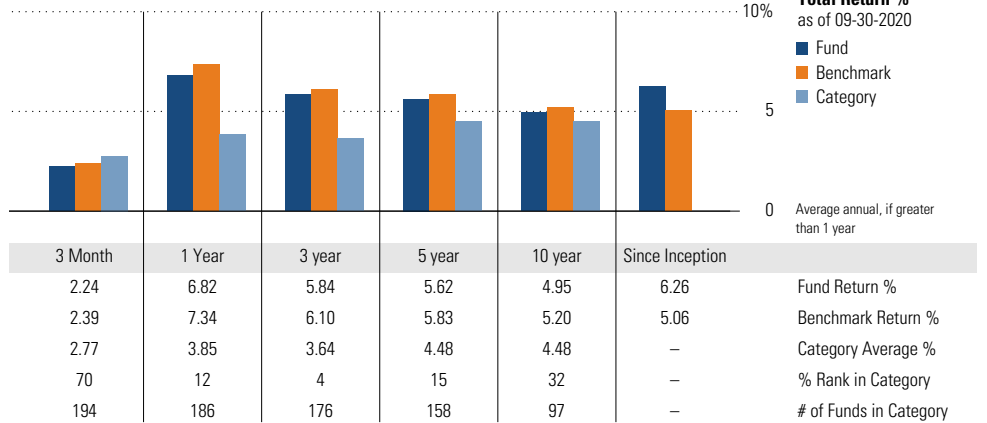
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Growth of \$10,000

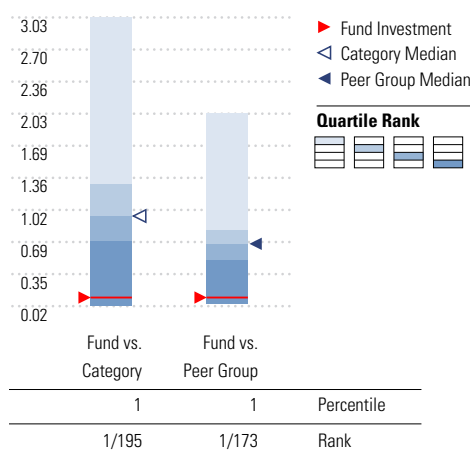


Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	Performance Quartile (Within Category)
History	3.77	6.54	3.40	6.76	0.22	4.58	6.98	-1.05	12.05	5.26	Total Return %
	-0.35	-0.02	-1.84	0.92	-0.51	0.17	-0.06	-0.24	-0.38	-0.06	+/- Benchmark
	1.76	-1.81	-0.62	3.22	2.29	-0.97	0.73	2.09	0.85	3.53	+/- Category
	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%

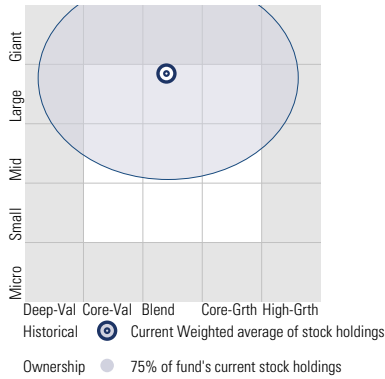
**Morningstar Index**

Morningstar US Con Tgt Alloc NR USD

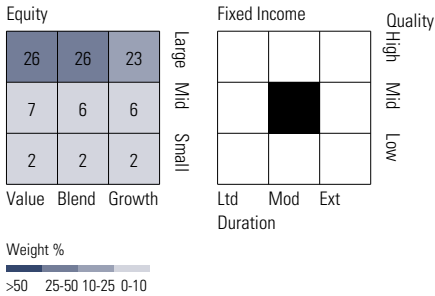
Equity

## Style Analysis as of 09-30-2020

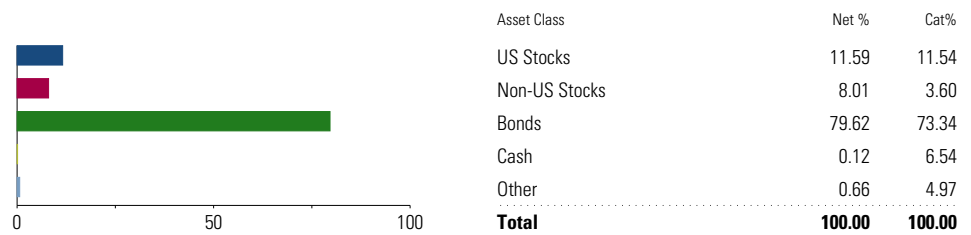
Morningstar Style Box™



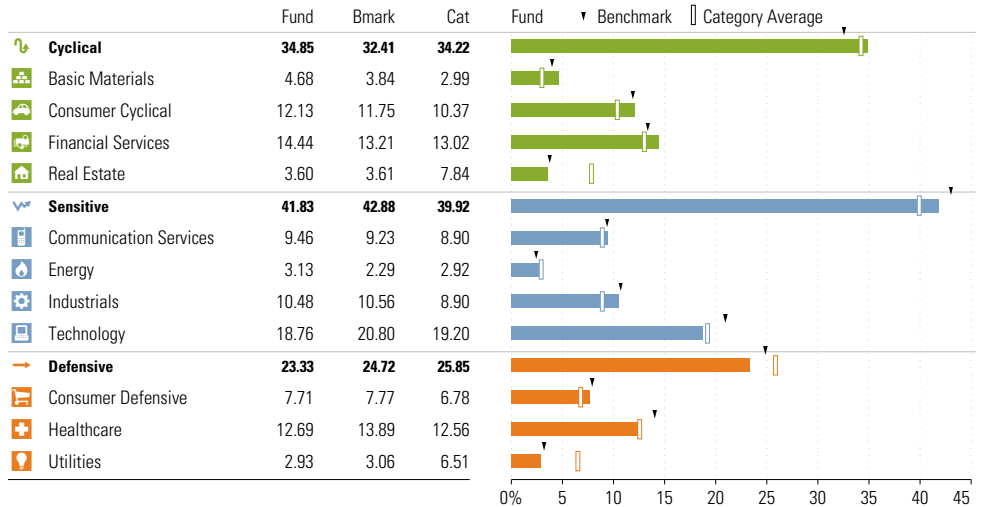
## Style Breakdown



## 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.

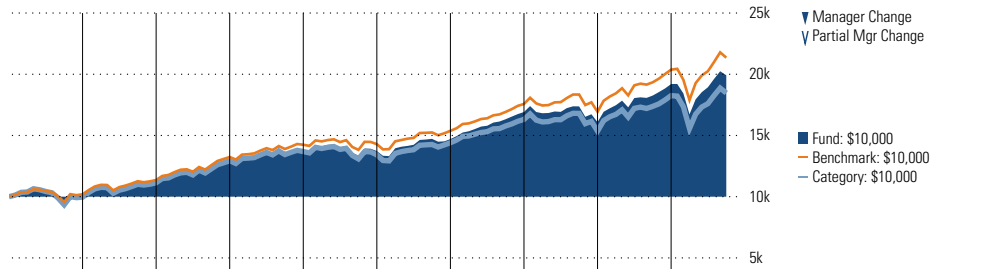
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **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

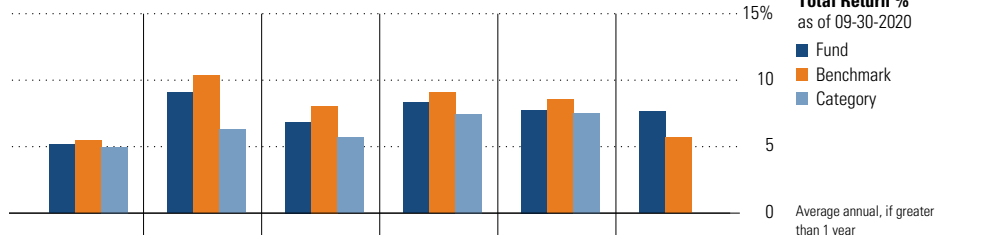
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Growth of \$10,000



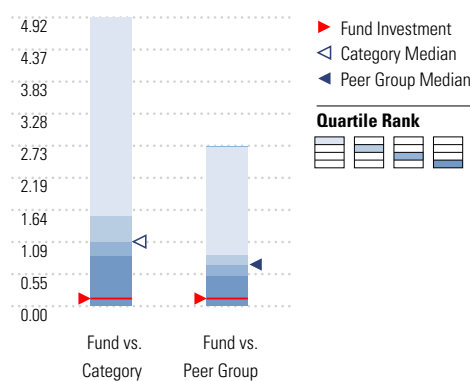
	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	Performance Quartile (Within Category)
											History
	0.26	11.76	15.04	7.07	-0.57	7.13	15.04	-4.91	19.37	3.72	Total Return %
	-1.66	0.29	-1.49	-0.50	-0.93	-0.47	0.76	-1.25	-0.96	-1.07	+/- Benchmark
	0.37	0.04	-1.44	0.86	1.36	-0.21	1.83	0.85	0.14	2.42	+/- 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	Total Return % as of 09-30-2020
	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



	Fund vs. Category	Fund vs. Peer Group	Percentile
	1	3	
	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%

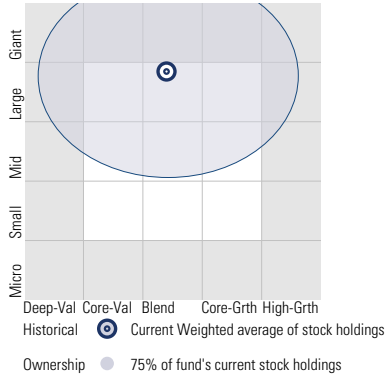
**Morningstar Index**

Morningstar US Mod Tgt Alloc NR USD

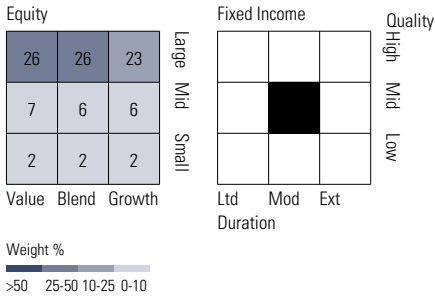
Equity

## Style Analysis as of 09-30-2020

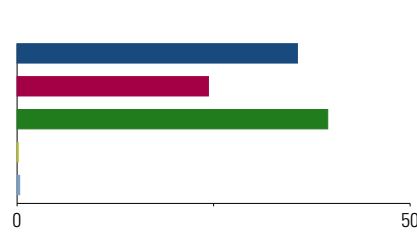
Morningstar Style Box™



## Style Breakdown

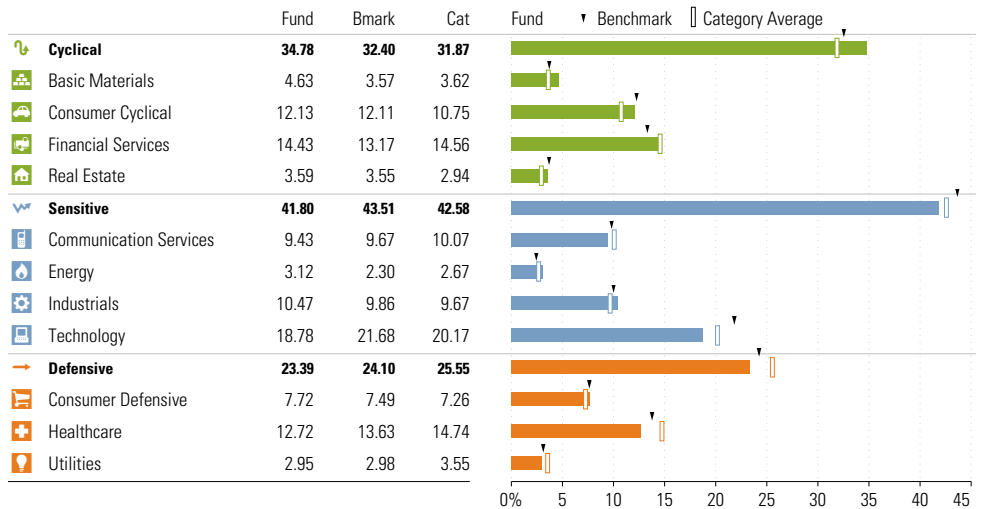


## Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	35.66	46.21
Non-US Stocks	24.34	11.60
Bonds	39.52	35.98
Cash	0.14	3.37
Other	0.33	2.85
<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	—	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 Index Admiral VIMAX

**Morningstar Category**  
Mid-Cap Blend

**Morningstar Index**  
Russell Mid Cap TR USD

## Portfolio Manager(s)

Donald Butler since 05-1998  
Michael Johnson since 04-2016

## Quantitative Screens

✔ **Performance:** The fund has finished in the Mid-Cap 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 22.38 years.

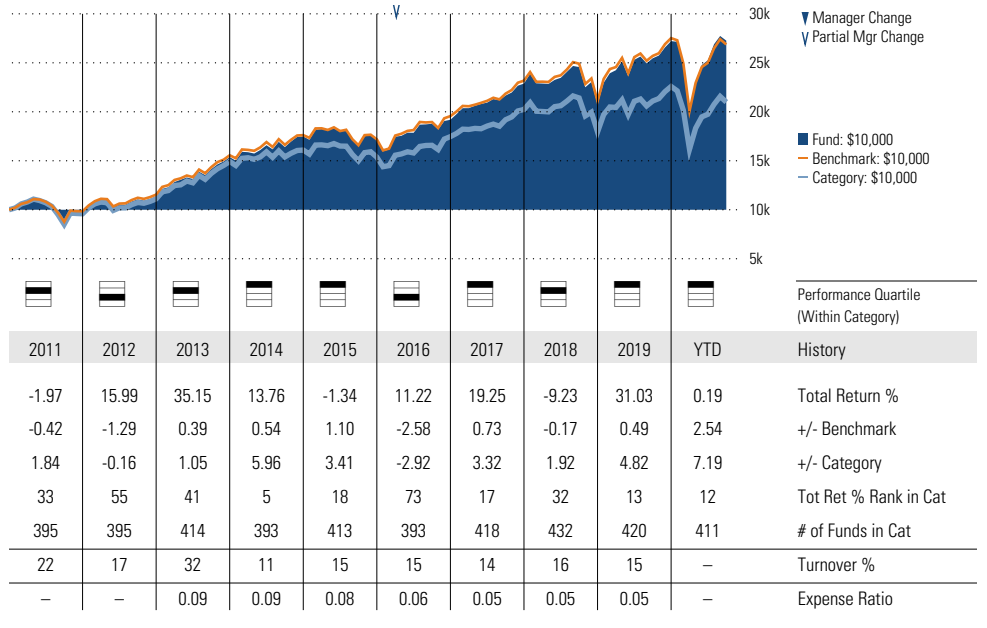
✔ **Style:** The fund has landed in its primary style box — Mid-Cap Blend — 94.29 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.05 is 94.74% lower than the Mid-Cap Blend category average.

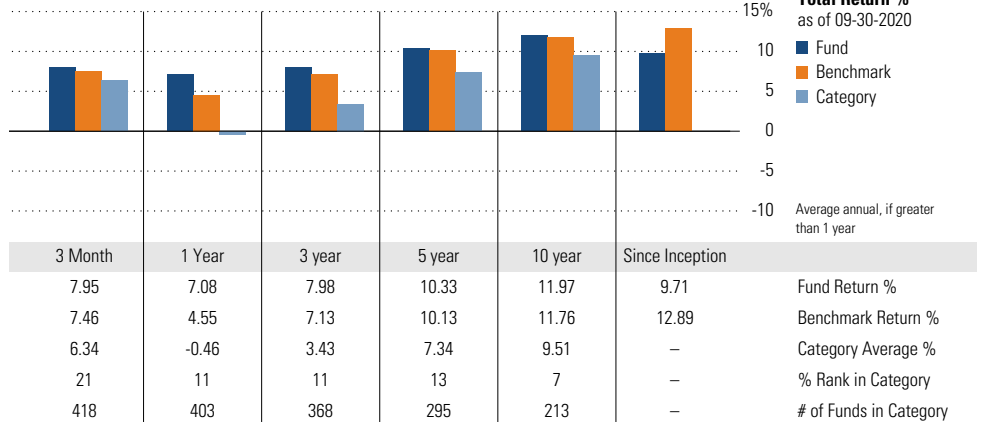
## Morningstar Investment Management LLC Analysis

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

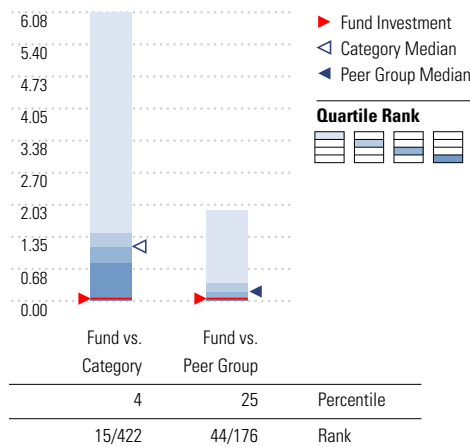
## Growth of \$10,000



## 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	0.87	-	-3.37
Beta	0.98	-	1.00
R-Squared	99.74	-	95.51
Standard Deviation	20.37	20.74	21.21
Sharpe Ratio	0.40	0.36	0.20
Tracking Error	1.12	-	4.56
Information Ratio	0.75	-	-1.00
Up Capture Ratio	99.83	-	93.48
Down Capture Ratio	96.38	-	107.02

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	24.61	23.19	22.29
Price/Book Ratio	2.79	2.58	2.43
Geom Avg Mkt Cap \$B	19.32	14.25	8.64
ROE	11.75	11.41	13.48

# Vanguard Mid Cap Index Admiral VIMAX

Morningstar Category

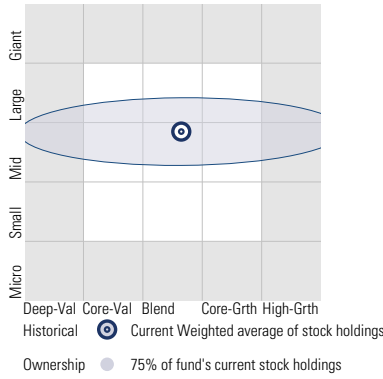
Mid-Cap Blend

Morningstar Index

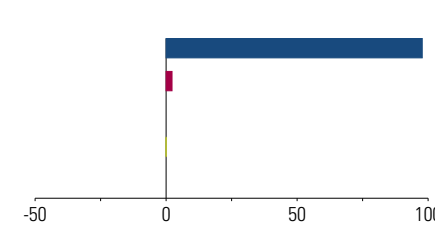
Russell Mid Cap TR USD

## Style Analysis as of 09-30-2020

Morningstar Style Box™



## Asset Allocation as of 09-30-2020

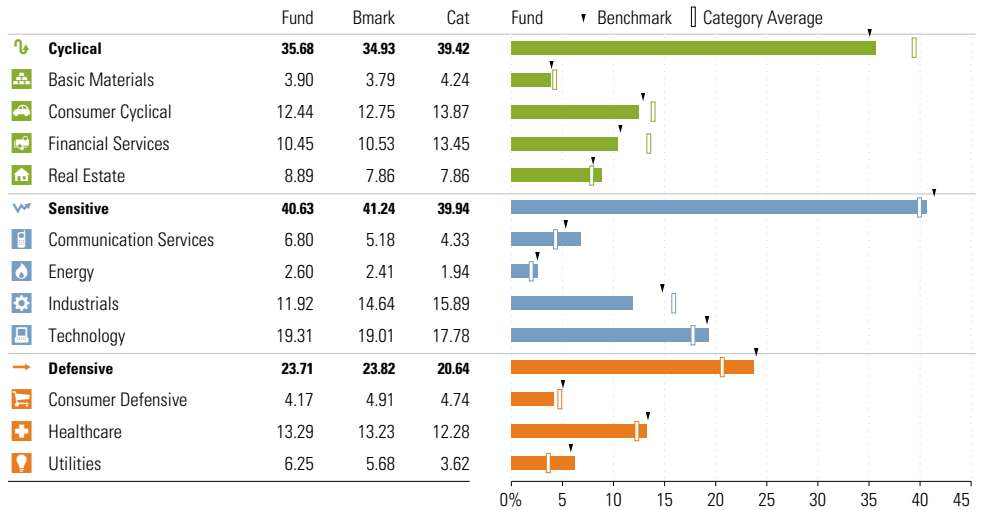


Asset Class	Net %	Cat%
US Stocks	97.76	94.79
Non-US Stocks	2.26	2.47
Bonds	0.00	0.23
Cash	-0.02	2.16
Other	0.00	0.36
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Style Breakdown



## Sector Weighting as of 09-30-2020



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

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ DexCom Inc	0.82	0.82	88.46	Healthcare
⊖ Digital Realty Trust Inc	0.82	1.64	25.37	Real Estate
⊖ Lululemon Athletica Inc	0.81	2.44	42.17	Consumer Cyclical
⊖ DocuSign Inc	0.78	3.23	190.43	Technology
⊖ Veeva Systems Inc Class A	0.78	4.01	99.91	Healthcare
⊖ SBA Communications Corp	0.74	4.75	32.73	Real Estate
⊖ Chipotle Mexican Grill Inc Class A	0.72	5.47	48.57	Consumer Cyclical
⊕ Twilio Inc A	0.71	6.18	151.41	Communication Svc
⊖ Centene Corp	0.70	6.88	-7.22	Healthcare
⊖ Twitter Inc	0.69	7.57	38.85	Communication Svc
⊖ IDEXX Laboratories Inc	0.69	8.26	50.54	Healthcare
⊖ CoStar Group Inc	0.68	8.94	41.82	Real Estate
⊖ Synopsys Inc	0.67	9.61	53.72	Technology
⊖ Amphenol Corp Class A	0.67	10.28	0.73	Technology
⊖ WEC Energy Group Inc	0.63	10.92	7.12	Utilities

Total Holdings 351

⊕ 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.

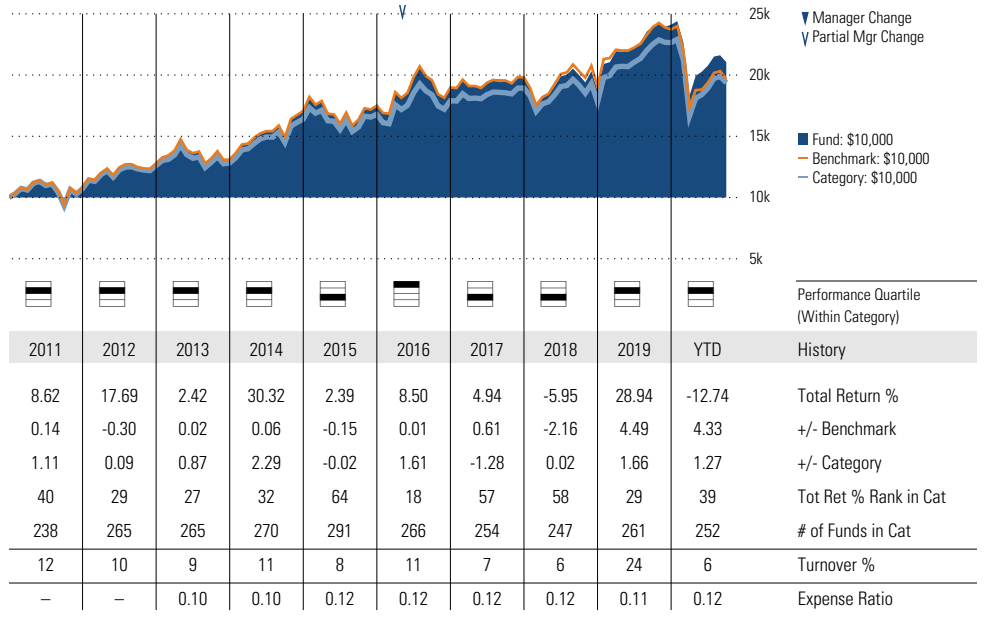
✔ **Style:** The fund has landed in its primary style box — Mid-Cap Blend — 100 % of the time over the past three years.

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

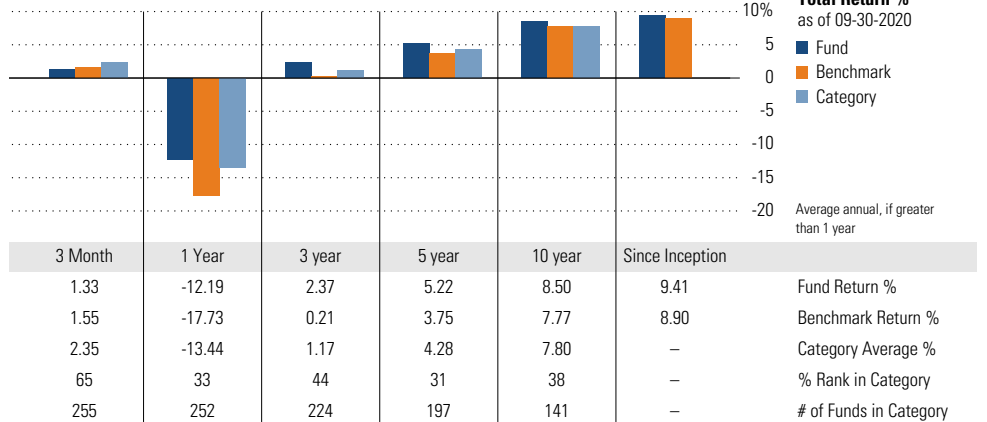
## Morningstar Investment Management LLC Analysis

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.

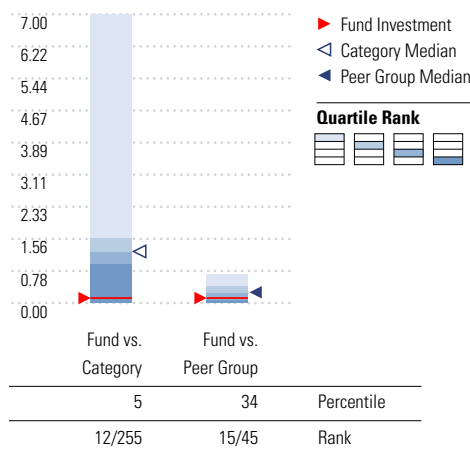
## Growth of \$10,000



## 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	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

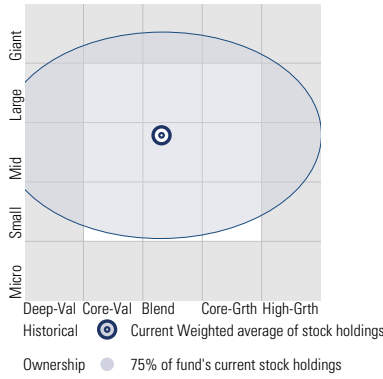
	Fund	Bmark	Cat
Price/Earnings Ratio	30.57	38.46	30.38
Price/Book Ratio	2.28	2.42	2.41
Geom Avg Mkt Cap \$B	17.62	9.35	19.62
ROE	11.89	9.56	12.16

# Vanguard Real Estate Index Admiral VGSLX

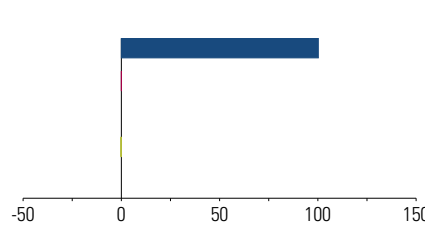
**Morningstar Category**  
Real Estate

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

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

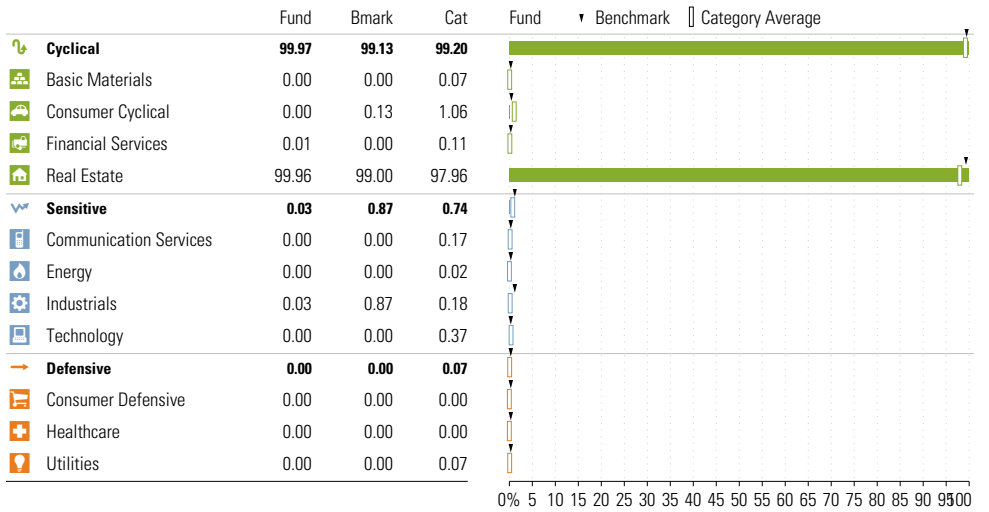


**Asset Allocation** as of 09-30-2020



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



**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 Small Cap Value Index Admiral VSIAX

**Morningstar Category**  
Small Value

**Morningstar Index**  
Russell 2000 Value TR USD

## Portfolio Manager(s)

Gerard O'Reilly since 04-2016  
William Coleman since 04-2016

## Quantitative Screens

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

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

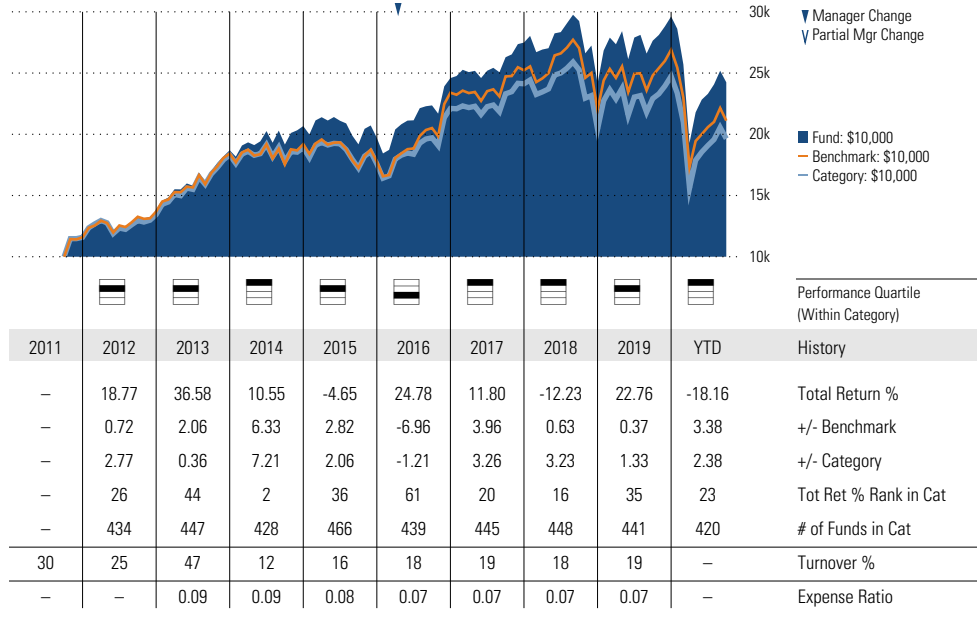
✘ **Style:** The fund has landed in its primary style box — Small Value — 48.57 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.07 is 94.07% lower than the Small Value category average.

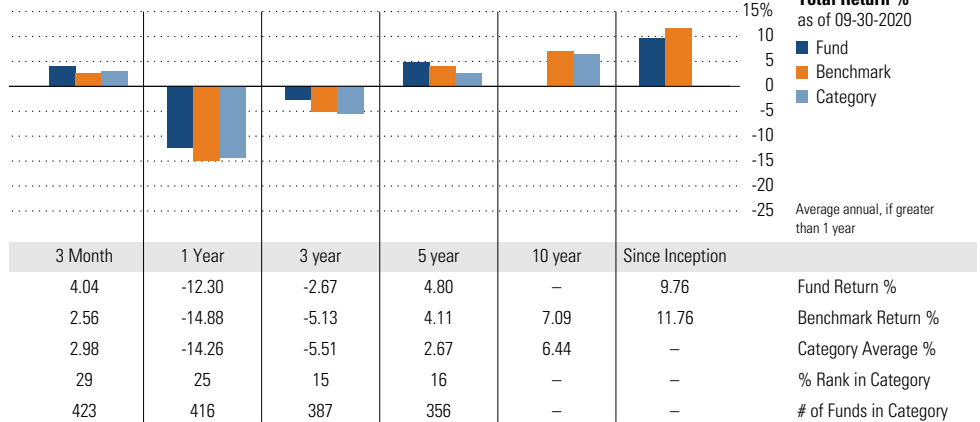
## Morningstar Investment Management LLC Analysis

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

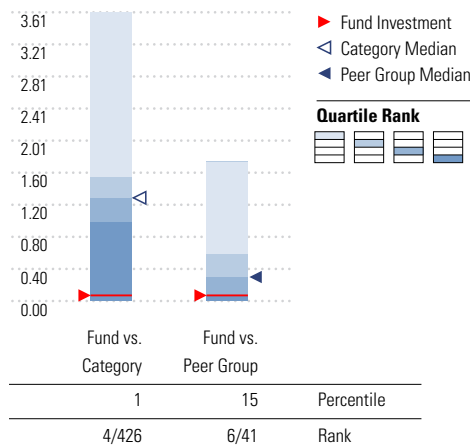
## Growth of \$10,000



## 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	2.50	-	0.00
Beta	0.99	-	1.03
R-Squared	98.55	-	96.45
Standard Deviation	23.45	23.56	24.82
Sharpe Ratio	-0.06	-0.17	-0.16
Tracking Error	2.84	-	5.05
Information Ratio	0.87	-	-0.10
Up Capture Ratio	101.46	-	102.08
Down Capture Ratio	93.53	-	102.92

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	15.57	14.06	15.68
Price/Book Ratio	1.42	1.28	1.19
Geom Avg Mkt Cap \$B	3.77	1.54	2.64
ROE	5.17	-0.97	5.90

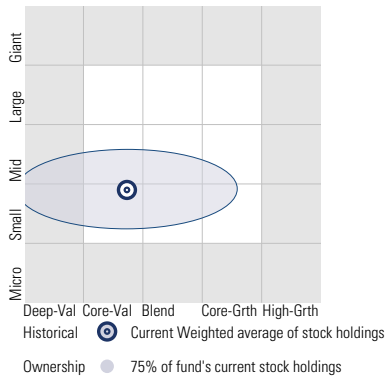
# Vanguard Small Cap Value Index Admiral VSIAX

**Morningstar Category**  
Small Value

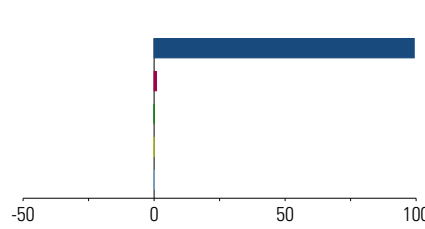
**Morningstar Index**  
Russell 2000 Value TR USD

## Style Analysis as of 09-30-2020

Morningstar Style Box™

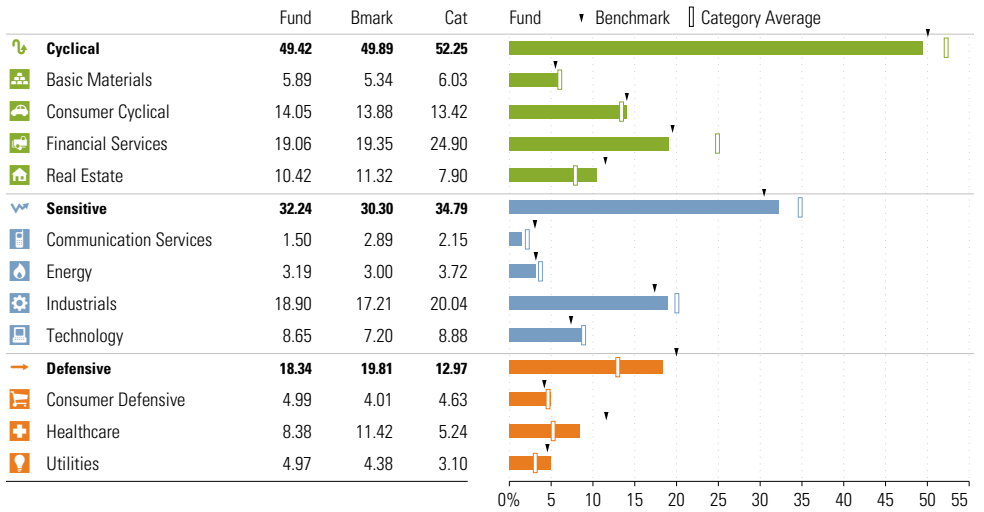


## Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	99.28	96.60
Non-US Stocks	0.91	2.00
Bonds	0.01	0.06
Cash	-0.22	1.26
Other	0.02	0.09
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020



## Style Breakdown



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

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ PerkinElmer Inc	0.70	0.70	29.47	Healthcare
⊖ IDEX Corp	0.69	1.39	6.92	Industrials
⊖ Generac Holdings Inc	0.61	1.99	92.50	Industrials
⊖ Atmos Energy Corp	0.59	2.58	-13.00	Utilities
⊖ Booz Allen Hamilton Holding Corp Class A	0.57	3.15	17.97	Industrials
⊖ Brown & Brown Inc	0.54	3.69	15.31	Financial Services
⊖ Molina Healthcare Inc	0.54	4.23	34.90	Healthcare
⊖ RPM International Inc	0.54	4.77	9.33	Basic Materials
⊕ VICI Properties Inc Ordinary Shares	0.54	5.31	-4.91	Real Estate
⊖ Essential Utilities Inc	0.49	5.80	-12.72	Utilities
⊖ Peloton Interactive Inc	0.48	6.28	-	Consumer Cyclical
⊖ Nuance Communications Inc	0.47	6.75	86.15	Technology
⊖ Medical Properties Trust Inc	0.47	7.21	-12.65	Real Estate
⊕ Apollo Global Management Inc Class A	0.46	7.67	-2.43	Financial Services
⊖ Allegion PLC	0.45	8.13	-19.81	Industrials

**Total Holdings 899**

⊕ 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.

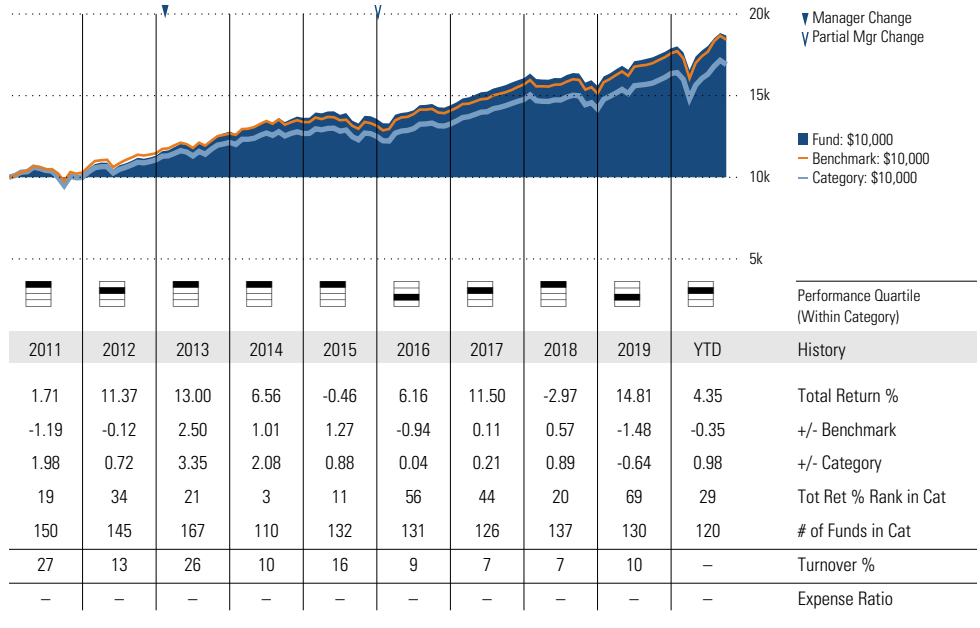
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **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.

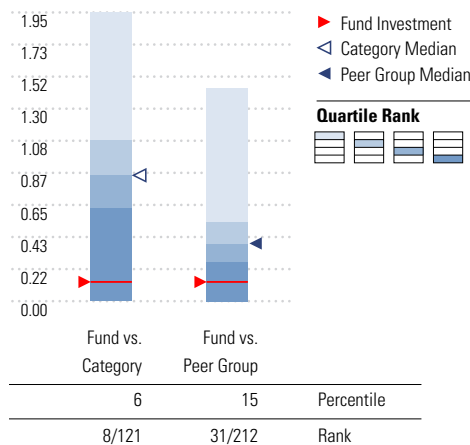
## Growth of \$10,000



## 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

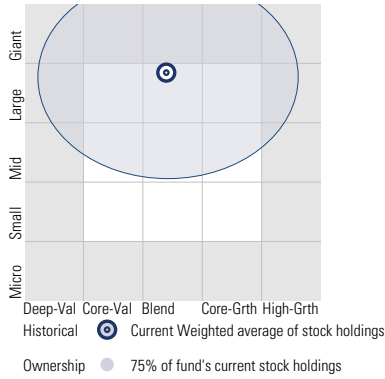
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	21.59	21.47	21.78
Price/Book Ratio	2.18	2.16	2.33
Avg Eff Duration	6.12	8.07	4.46

# Vanguard Target Retirement 2015 Inv VTXVX

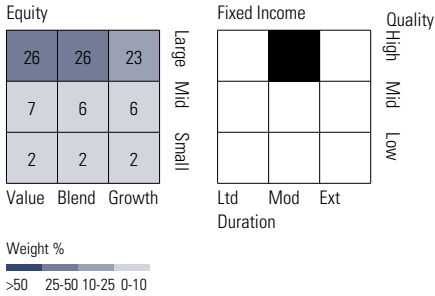
**Morningstar Category**  
Target-Date 2015

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

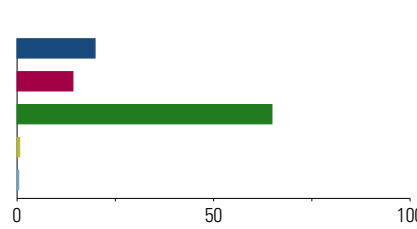
**Style Analysis** as of 09-30-2020  
Morningstar Style Box™



**Style Breakdown**

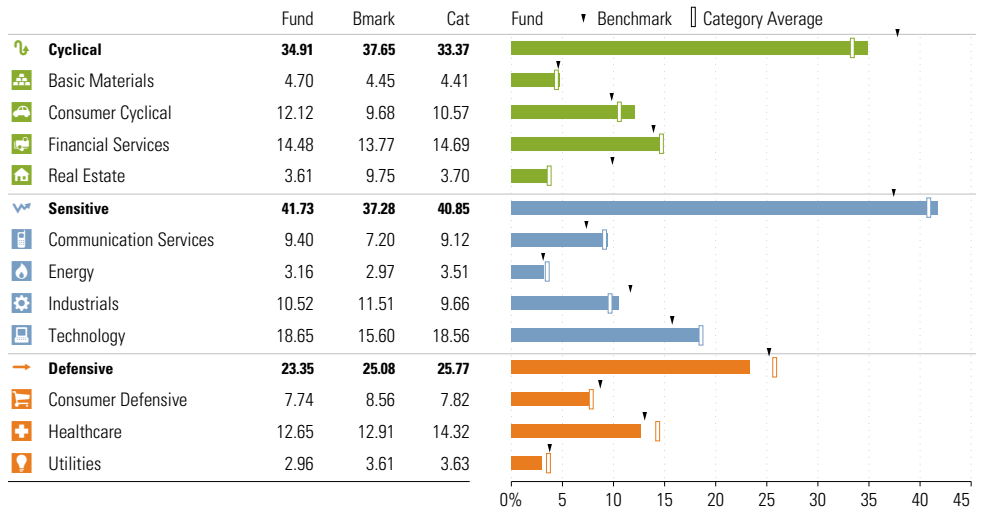


**Asset Allocation** as of 09-30-2020



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



**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.

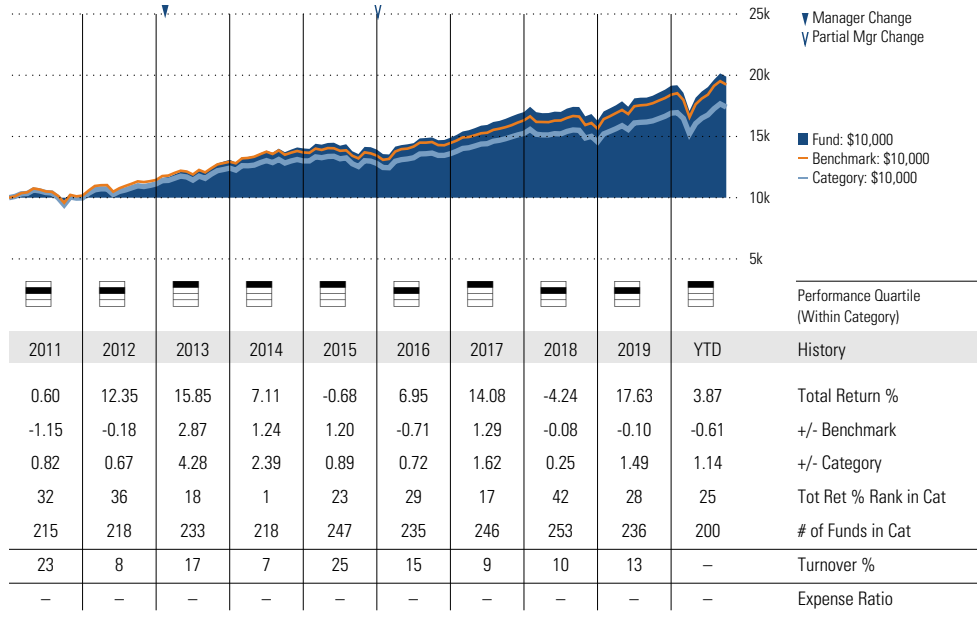
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

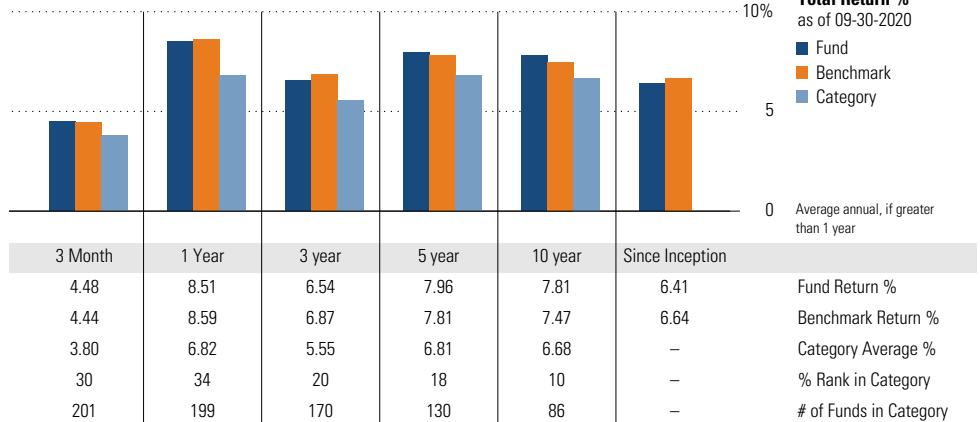
## Morningstar Investment Management LLC Analysis

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.

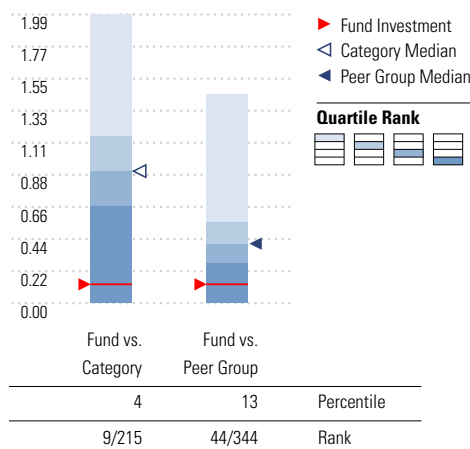
## Growth of \$10,000



## 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

	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

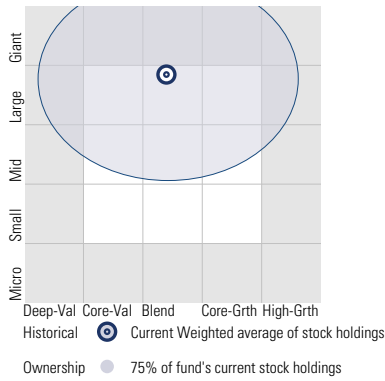
	Fund	Bmark	Cat
Price/Earnings Ratio	21.65	21.33	22.48
Price/Book Ratio	2.19	2.13	2.37
Avg Eff Duration	6.38	9.25	5.13

# Vanguard Target Retirement 2020 Inv VTWNX

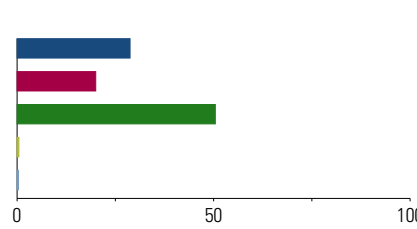
**Morningstar Category**  
Target-Date 2020

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

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

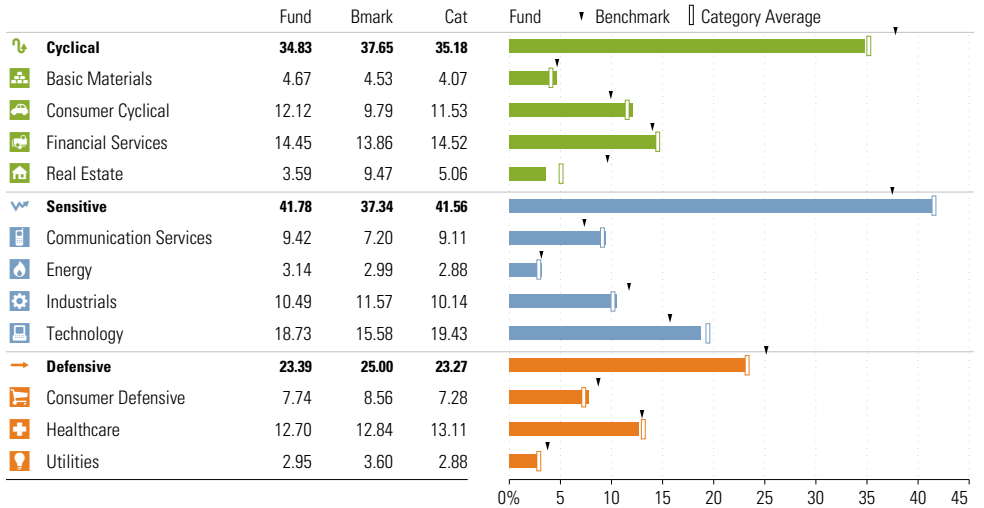


**Asset Allocation** as of 09-30-2020

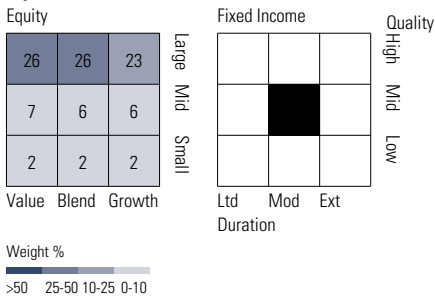


Asset Class	Net %	Cat%
US Stocks	28.74	27.34
Non-US Stocks	20.01	14.95
Bonds	50.43	45.94
Cash	0.45	5.14
Other	0.36	6.63
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**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.

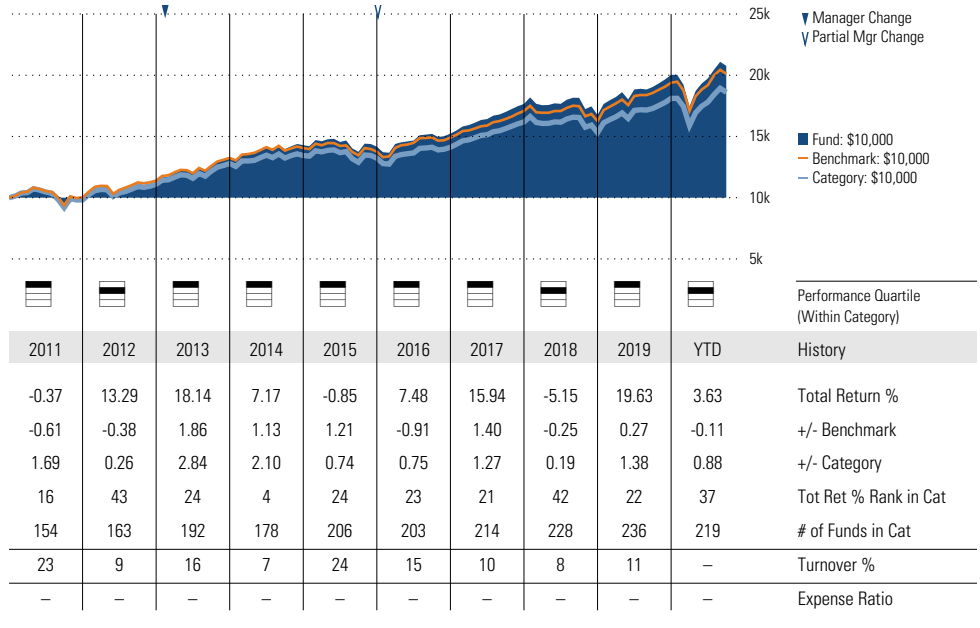
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **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.

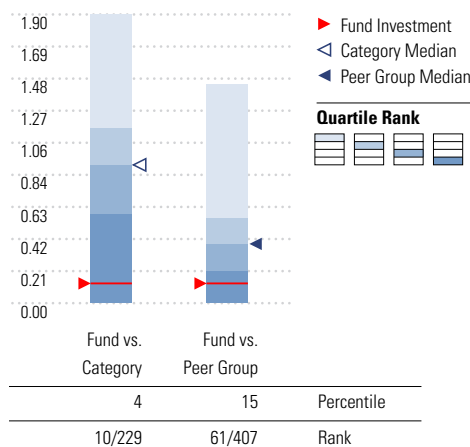
## Growth of \$10,000



## 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

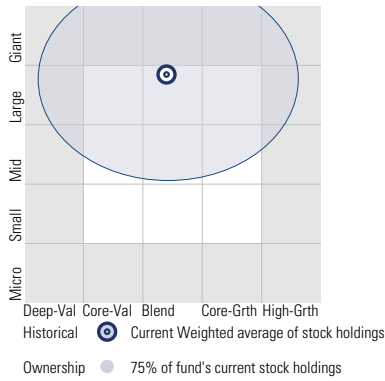
# Vanguard Target Retirement 2025 Inv VTTVX

**Morningstar Category**  
Target-Date 2025

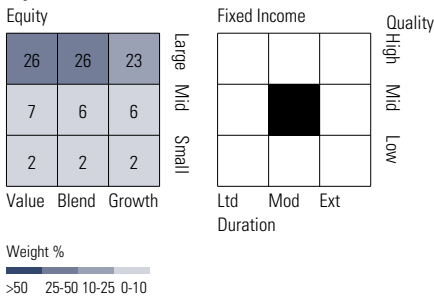
**Morningstar Index**  
Morningstar Lifetime Mod 2025 TR USD

## Style Analysis as of 09-30-2020

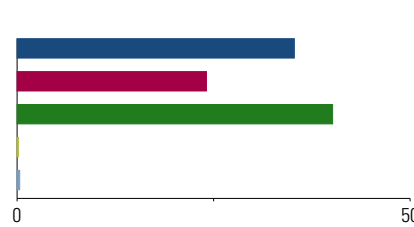
Morningstar Style Box™



## Style Breakdown

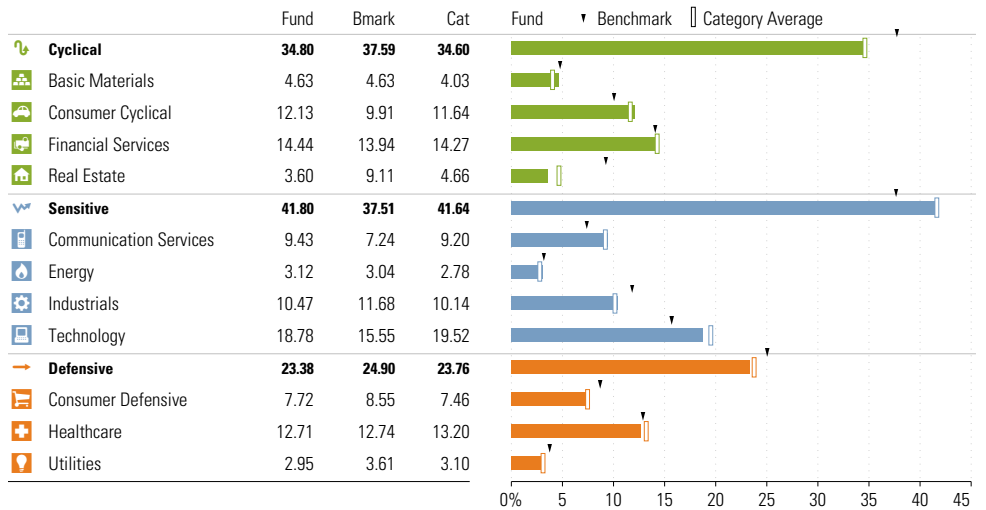


## Asset Allocation as of 09-30-2020



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.

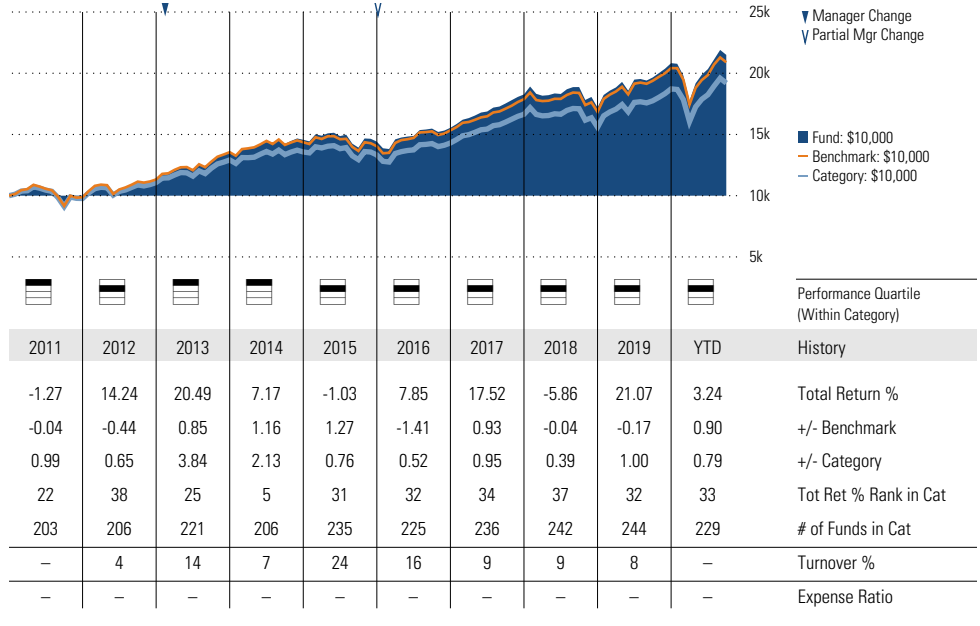
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.14 is 81.33% lower than the Target-Date 2030 category average.

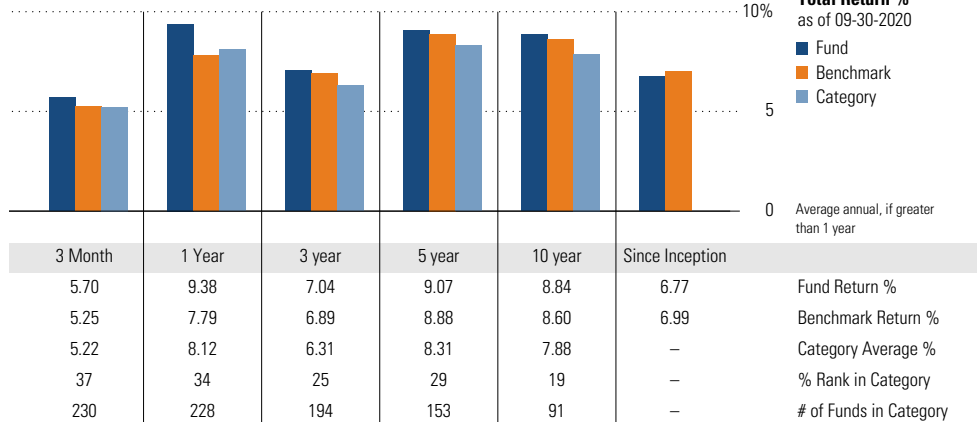
## Morningstar Investment Management LLC Analysis

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.

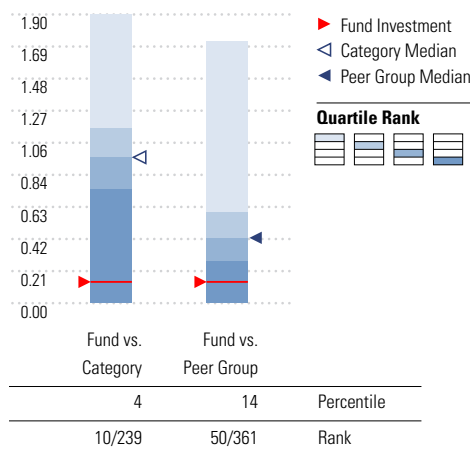
## Growth of \$10,000



## Trailing Performance



## Net Expense



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	-	-0.63
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

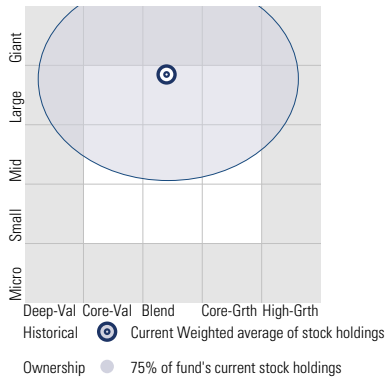
# Vanguard Target Retirement 2030 Inv VTHR

**Morningstar Category**  
Target-Date 2030

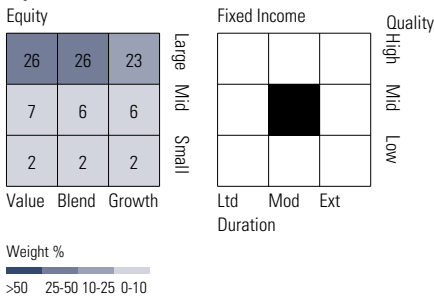
**Morningstar Index**  
Morningstar Lifetime Mod 2030 TR USD

## Style Analysis as of 09-30-2020

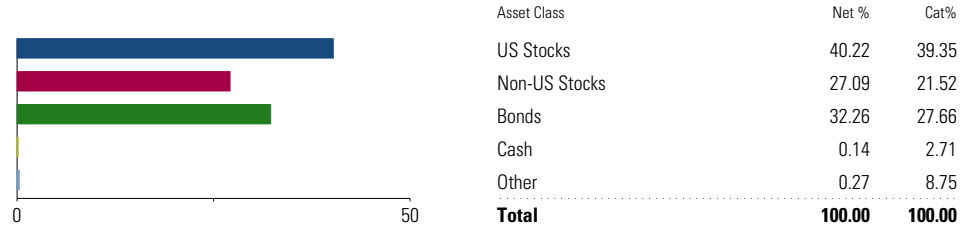
Morningstar Style Box™



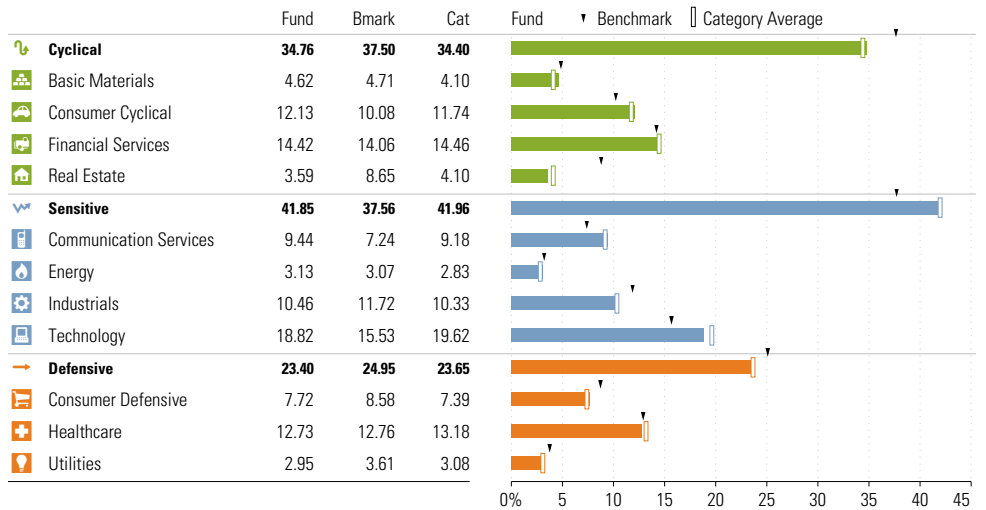
## Style Breakdown



## 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	—	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.

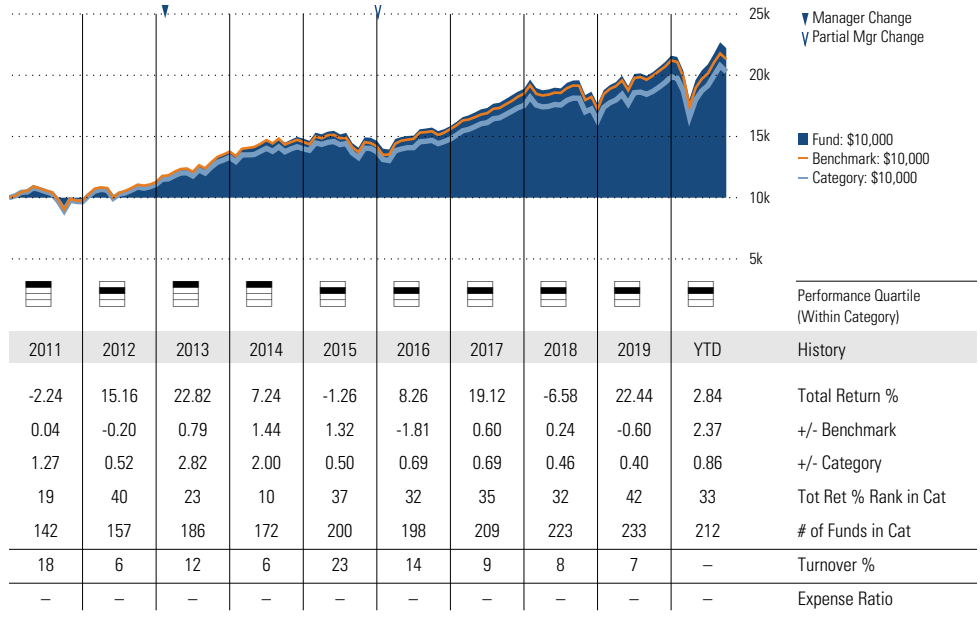
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **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.

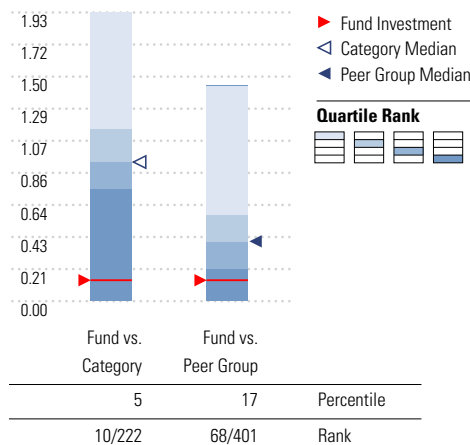
## Growth of \$10,000



## 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

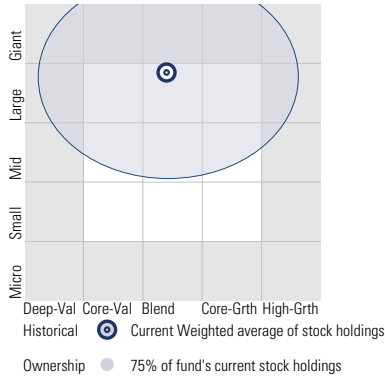
	Fund	Bmark	Cat
Price/Earnings Ratio	21.71	20.89	22.35
Price/Book Ratio	2.20	2.07	2.36
Avg Eff Duration	7.06	11.20	6.04

# Vanguard Target Retirement 2035 Inv VTTHX

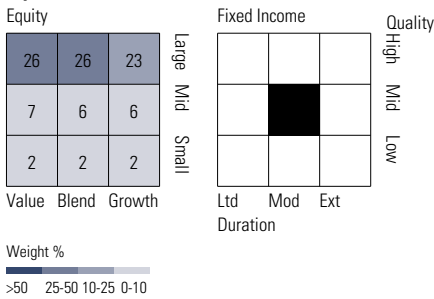
**Morningstar Category**  
Target-Date 2035

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

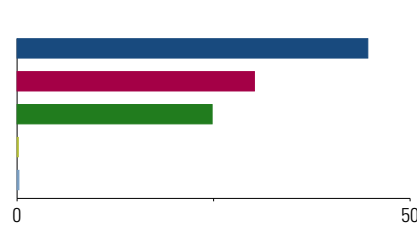
**Style Analysis** as of 09-30-2020  
Morningstar Style Box™



**Style Breakdown**

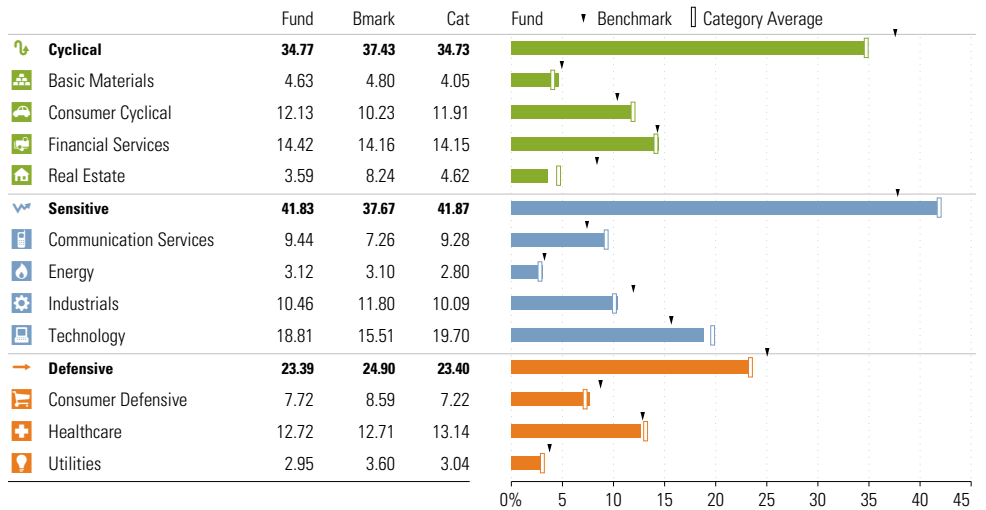


**Asset Allocation** as of 09-30-2020



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.

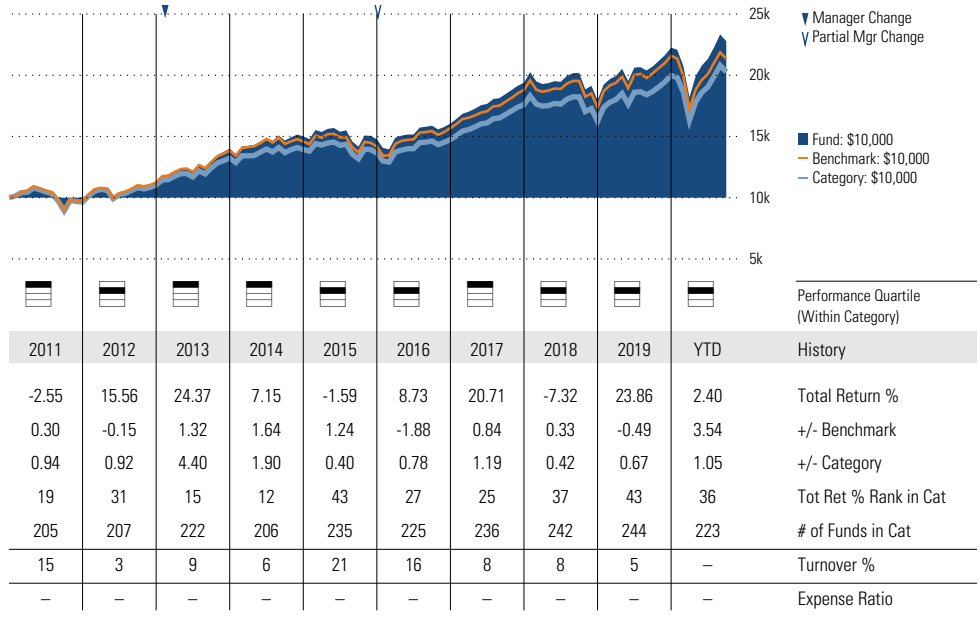
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **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.

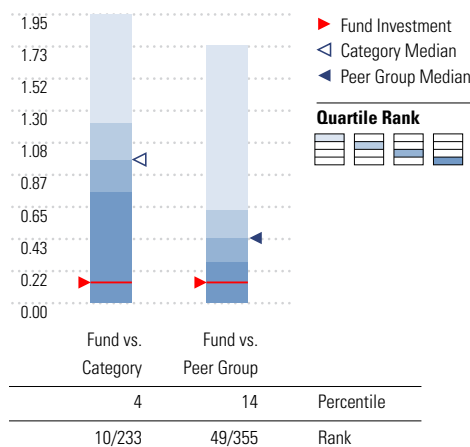
## Growth of \$10,000



## 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

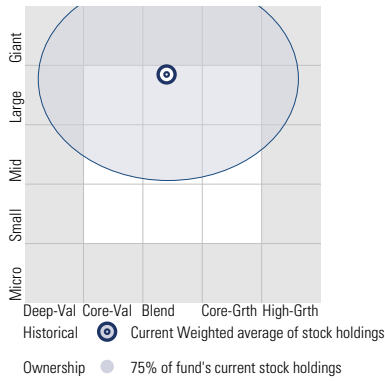
	Fund	Bmark	Cat
Price/Earnings Ratio	21.73	20.78	22.30
Price/Book Ratio	2.21	2.05	2.35
Avg Eff Duration	7.06	11.40	6.29

# Vanguard Target Retirement 2040 Inv VFORX

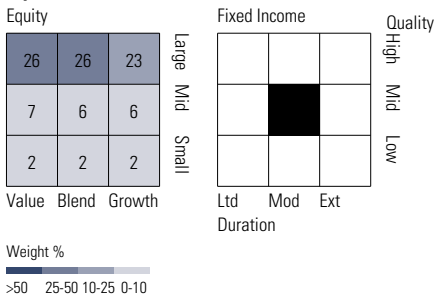
**Morningstar Category**  
Target-Date 2040

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

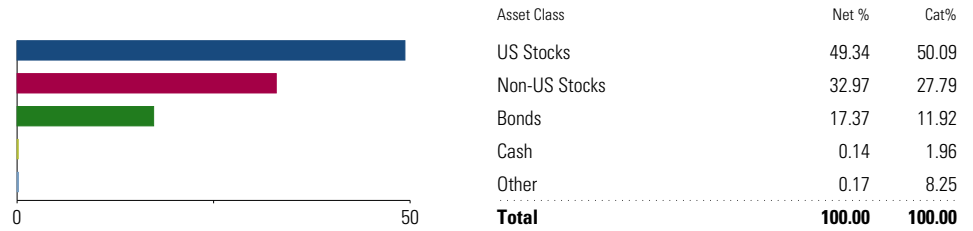
**Style Analysis** as of 09-30-2020  
Morningstar Style Box™



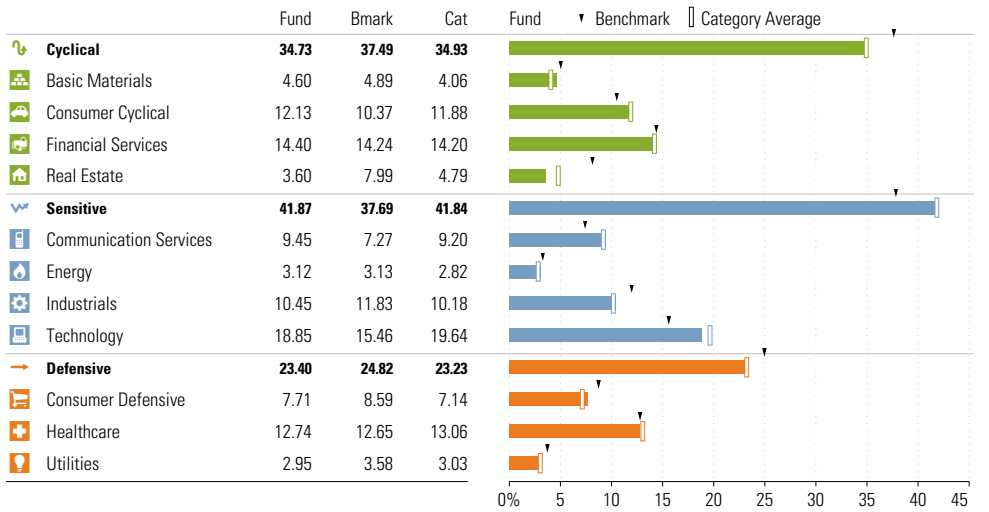
**Style Breakdown**



**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.

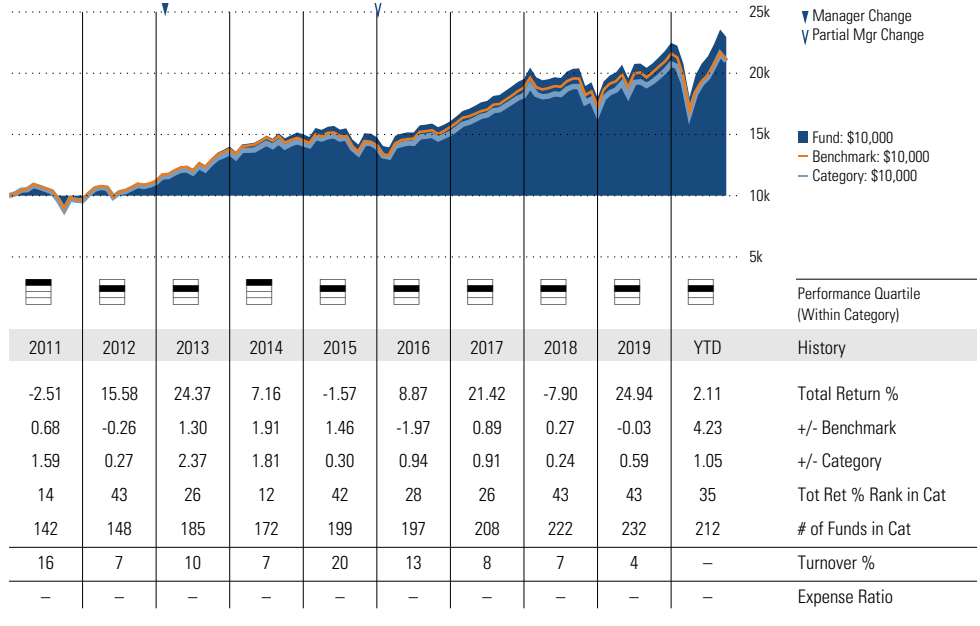
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

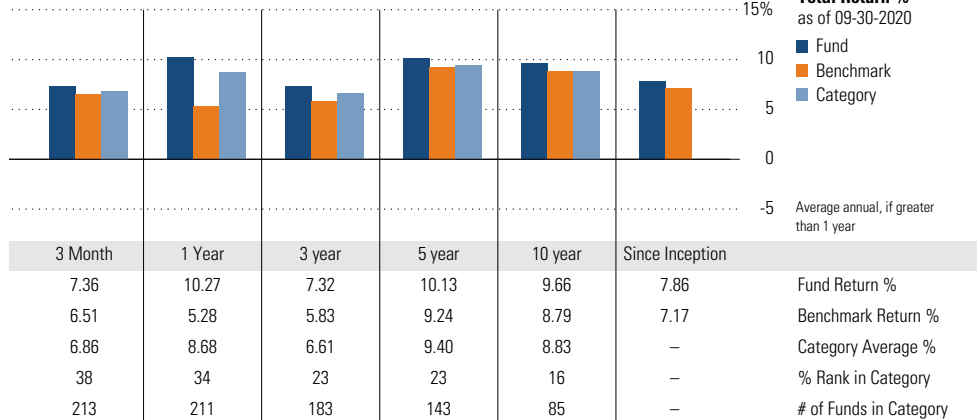
## Morningstar Investment Management LLC Analysis

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.

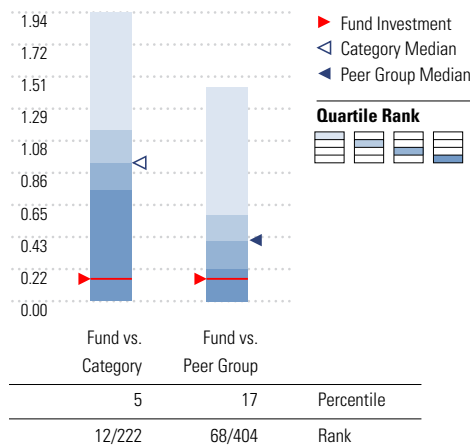
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

	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

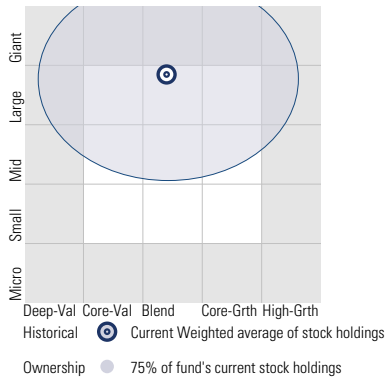
	Fund	Bmark	Cat
Price/Earnings Ratio	21.72	20.67	22.39
Price/Book Ratio	2.20	2.03	2.34
Avg Eff Duration	7.11	-	6.30

# Vanguard Target Retirement 2045 Inv VTIVX

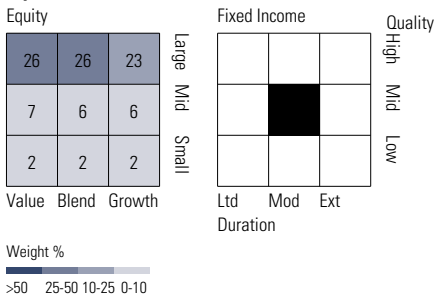
**Morningstar Category**  
Target-Date 2045

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

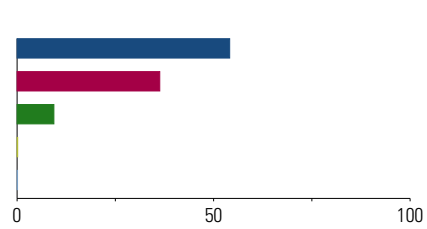
**Style Analysis** as of 09-30-2020  
Morningstar Style Box™



**Style Breakdown**

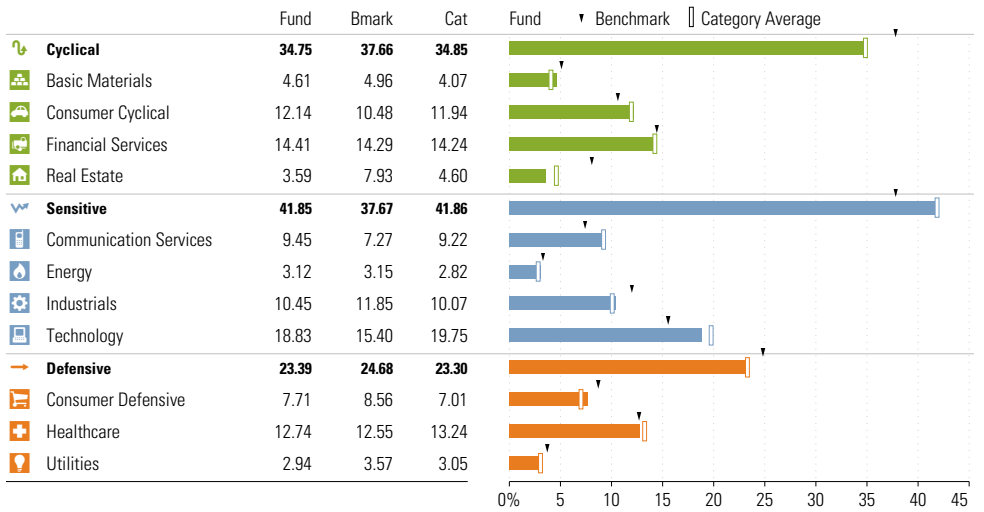


**Asset Allocation** as of 09-30-2020



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.

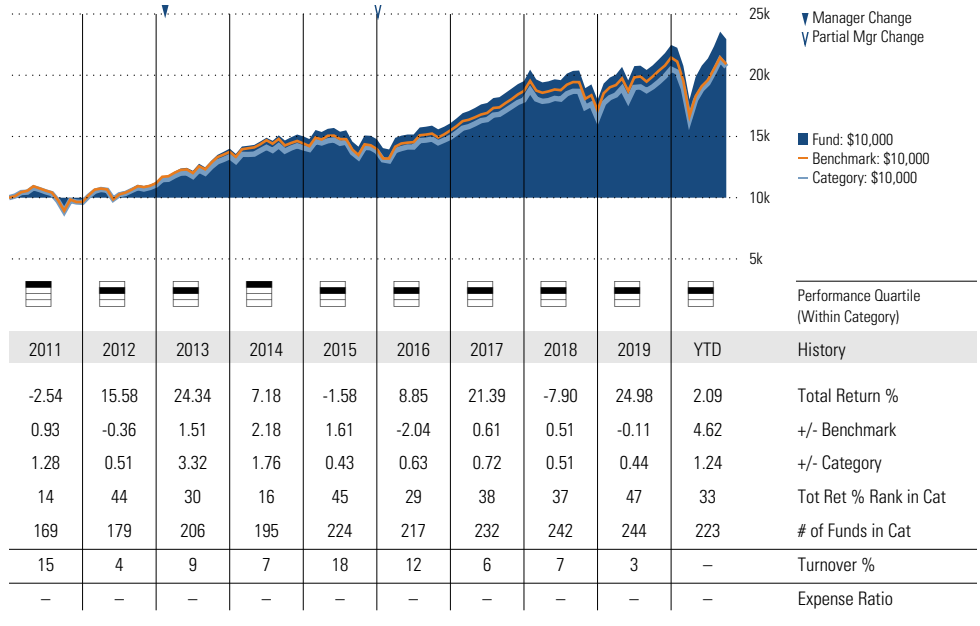
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

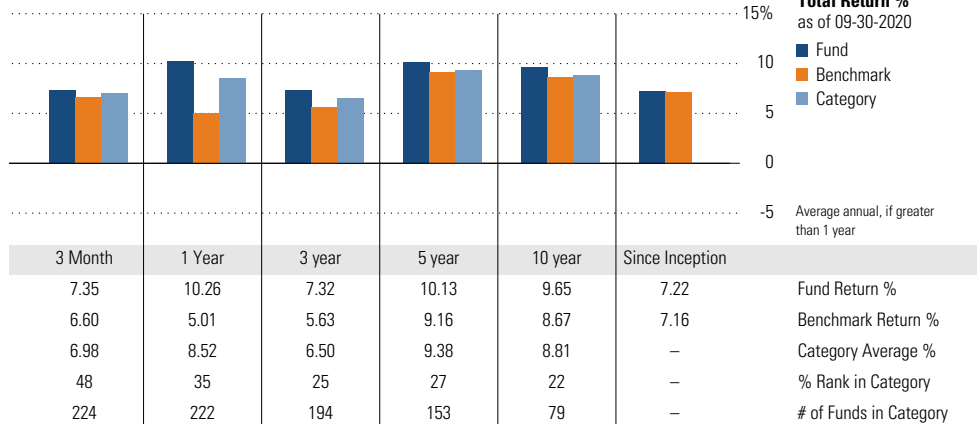
## Morningstar Investment Management LLC Analysis

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.

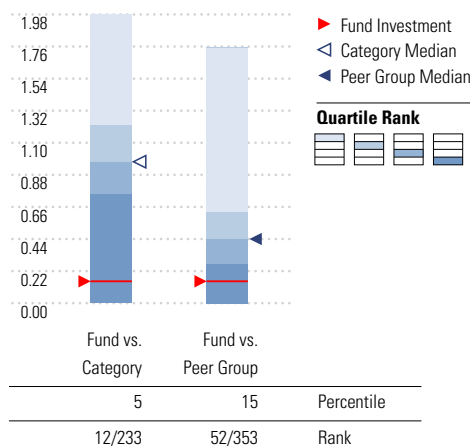
## Growth of \$10,000



## 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

Metric	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

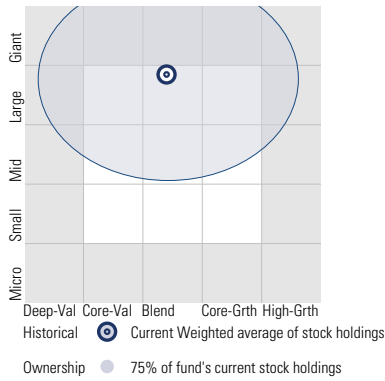
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	21.72	20.55	22.47
Price/Book Ratio	2.20	2.01	2.33
Avg Eff Duration	7.10	-	6.29

# Vanguard Target Retirement 2050 Inv VFIFX

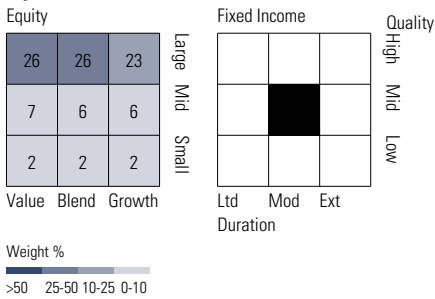
**Morningstar Category**  
Target-Date 2050

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

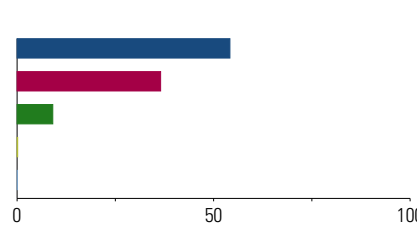
**Style Analysis** as of 09-30-2020  
Morningstar Style Box™



**Style Breakdown**

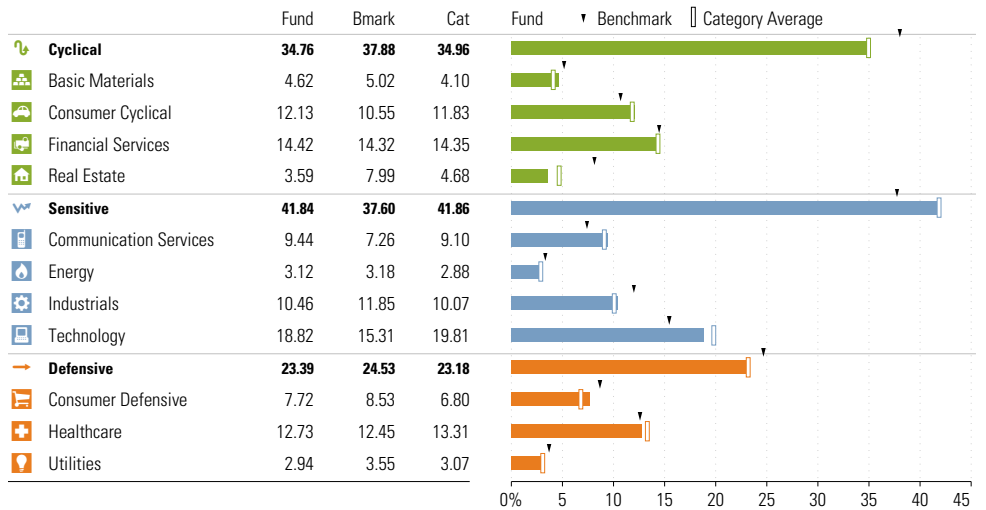


**Asset Allocation** as of 09-30-2020



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.

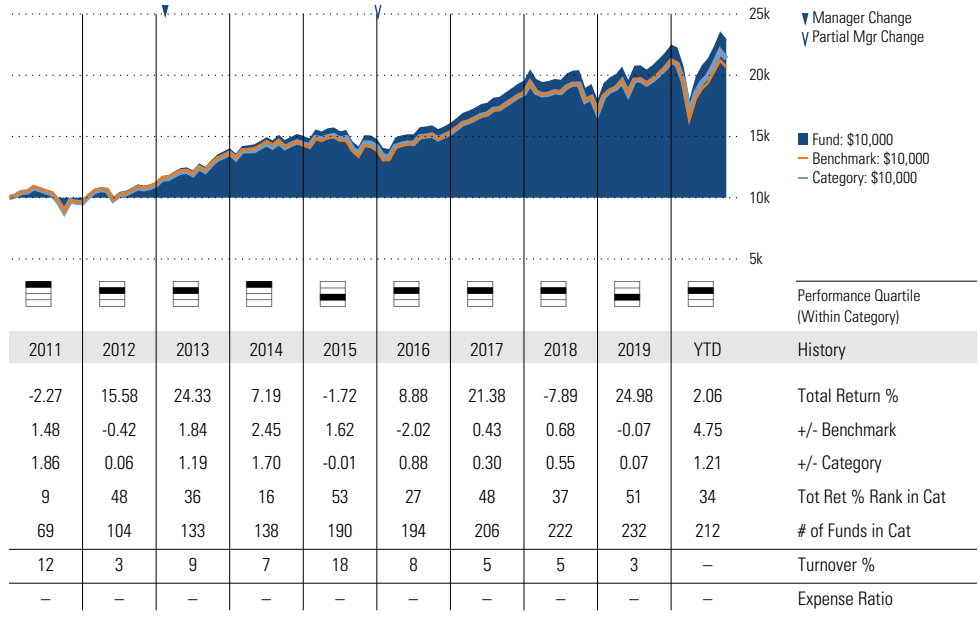
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

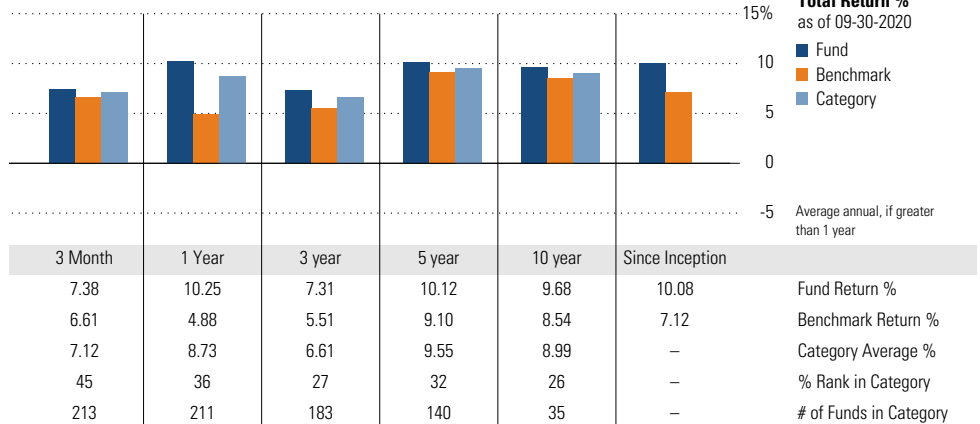
## Morningstar Investment Management LLC Analysis

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.

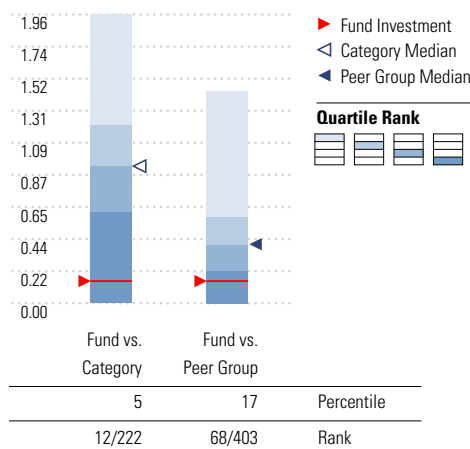
## Growth of \$10,000



## 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

Metric	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

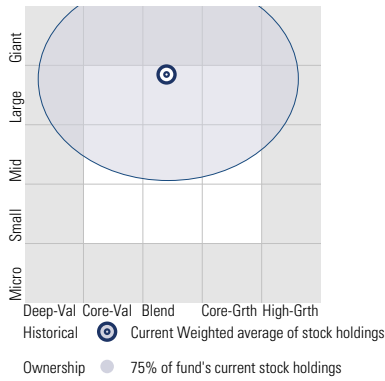
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	21.71	20.47	22.74
Price/Book Ratio	2.20	1.99	2.38
Avg Eff Duration	7.08	-	6.24

# Vanguard Target Retirement 2055 Inv VFFVX

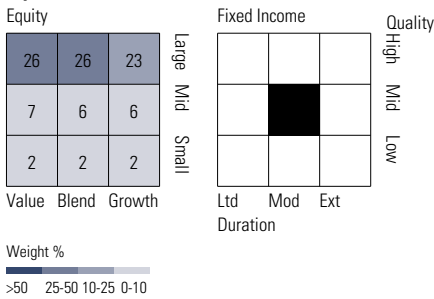
**Morningstar Category**  
Target-Date 2055

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

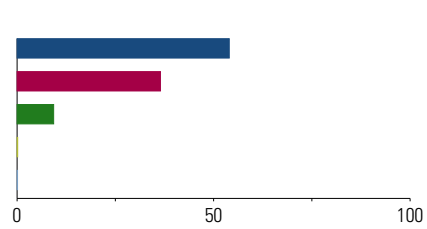
**Style Analysis** as of 09-30-2020  
Morningstar Style Box™



**Style Breakdown**

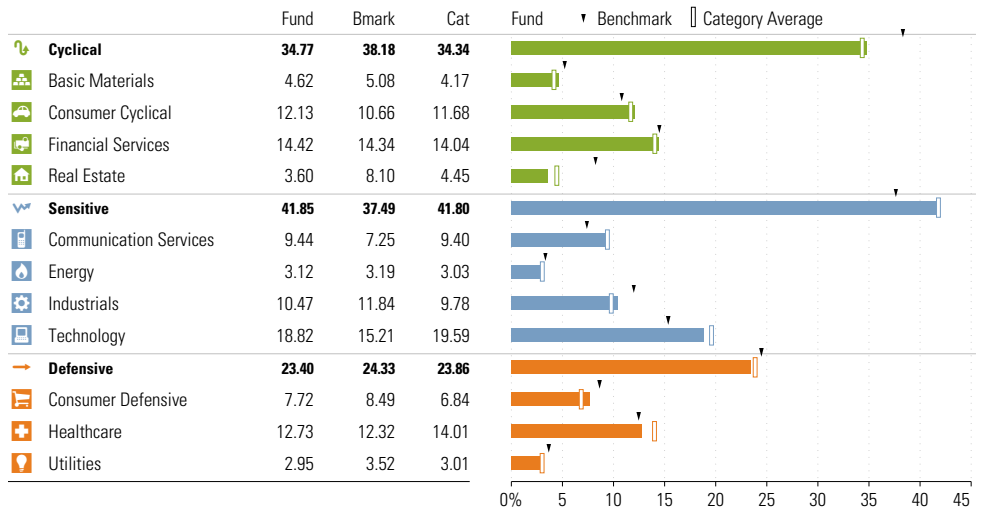


**Asset Allocation** as of 09-30-2020



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 VTTX

**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.

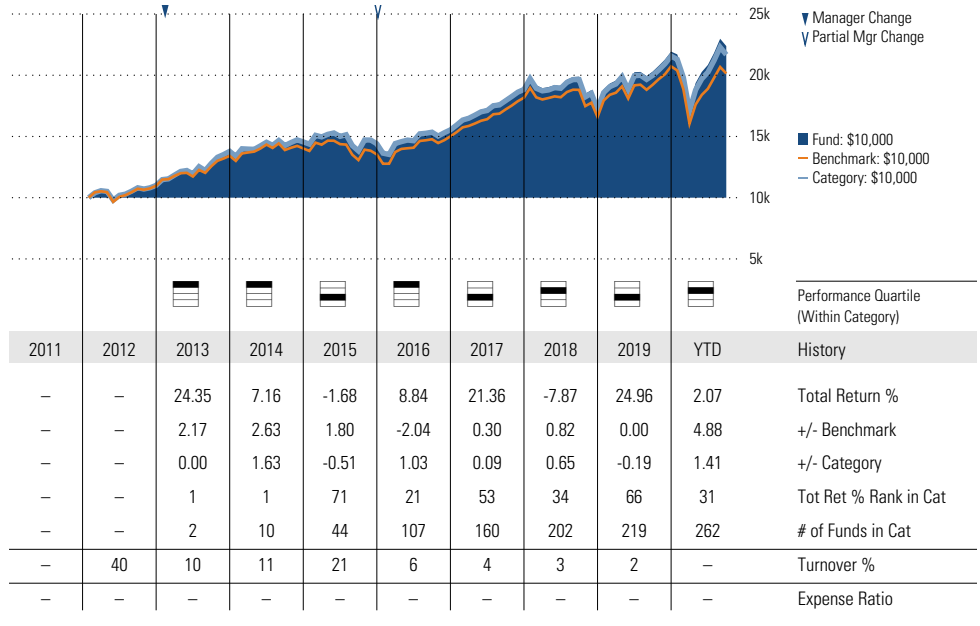
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

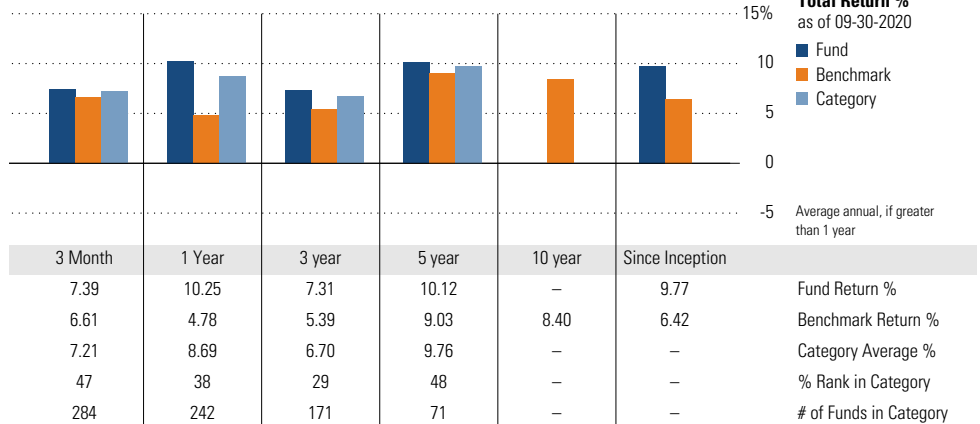
## Morningstar Investment Management LLC Analysis

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.

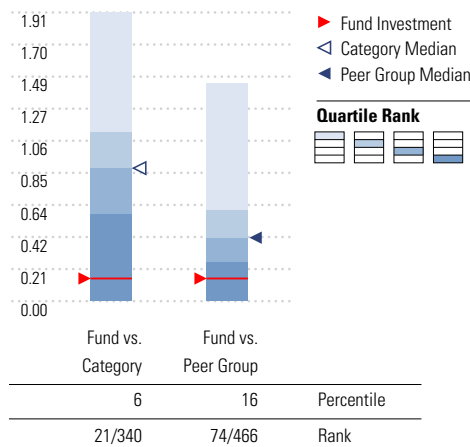
## Growth of \$10,000



## 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

	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

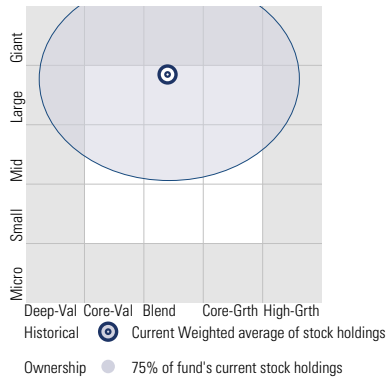
	Fund	Bmark	Cat
Price/Earnings Ratio	21.72	20.38	22.27
Price/Book Ratio	2.20	1.98	2.31
Avg Eff Duration	7.04	-	6.10

# Vanguard Target Retirement 2060 Inv VTTSX

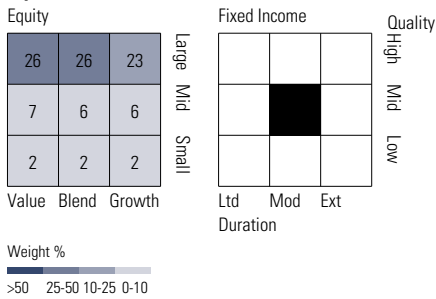
**Morningstar Category**  
Target-Date 2060+

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

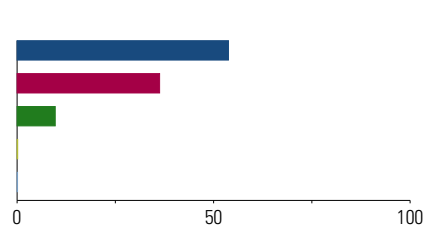
**Style Analysis** as of 09-30-2020  
Morningstar Style Box™



**Style Breakdown**

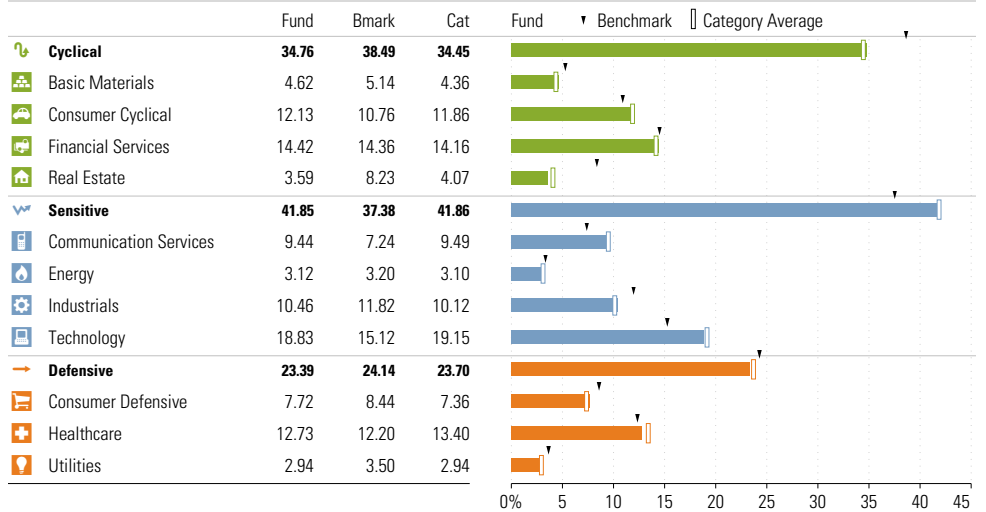


**Asset Allocation** as of 09-30-2020



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



**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.

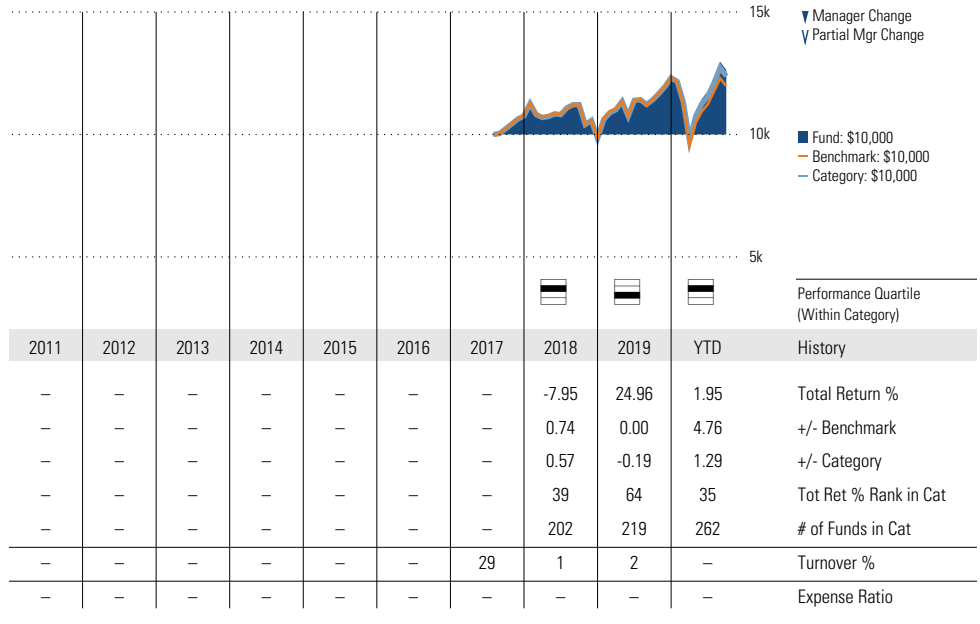
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **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.

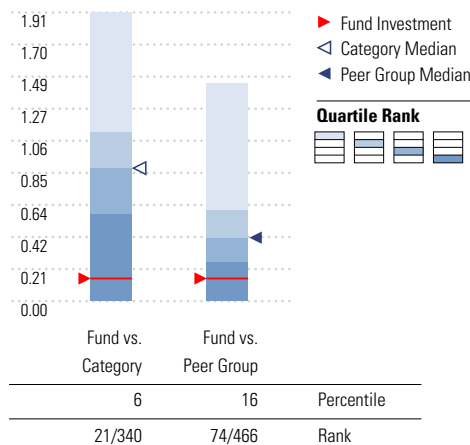
## Growth of \$10,000



## 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

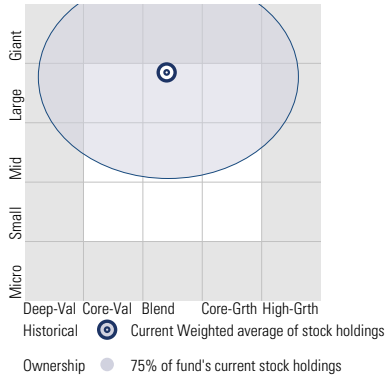
# Vanguard Target Retirement 2065 Inv VLXVX

**Morningstar Category**  
Target-Date 2060+

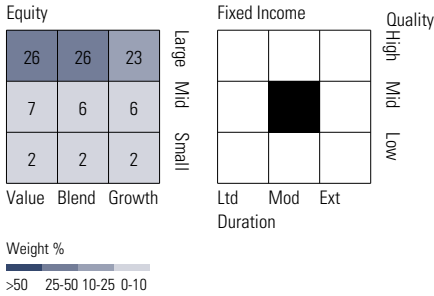
**Morningstar Index**  
Morningstar Lifetime Mod 2060 TR USD

## Style Analysis as of 09-30-2020

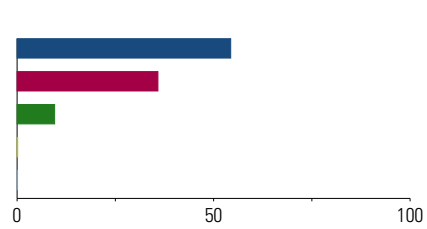
Morningstar Style Box™



## Style Breakdown

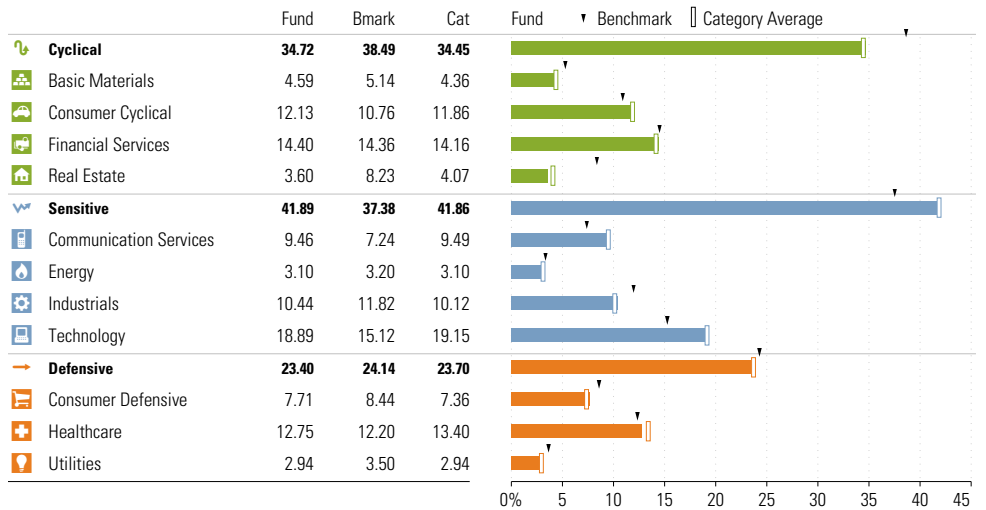


## Asset Allocation as of 09-30-2020



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



## 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.

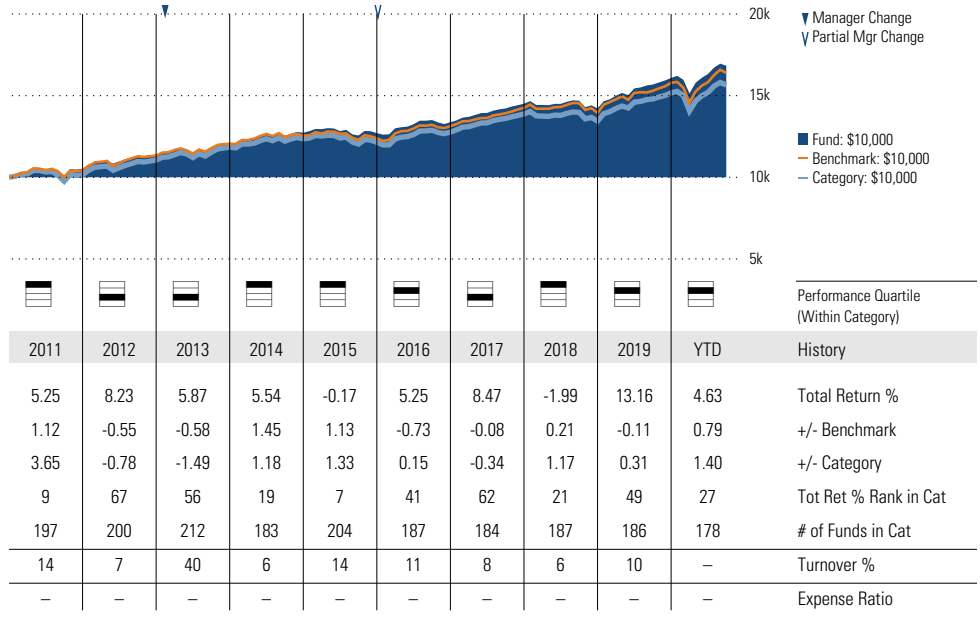
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

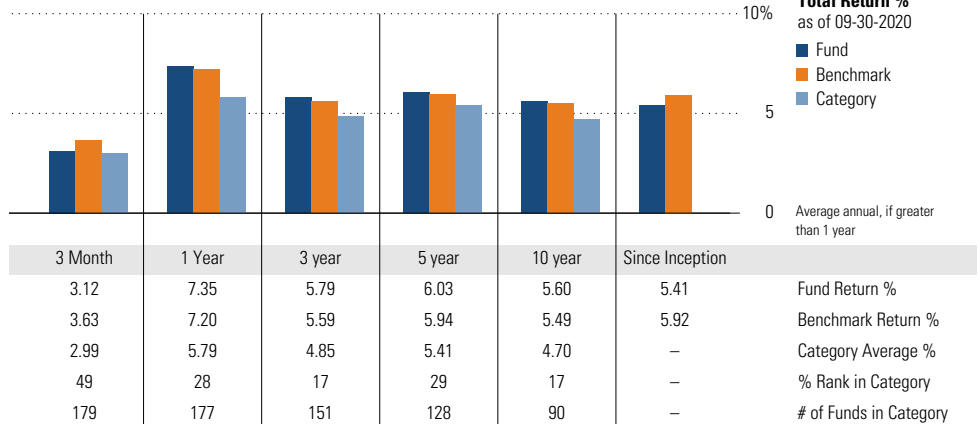
## Morningstar Investment Management LLC Analysis

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.

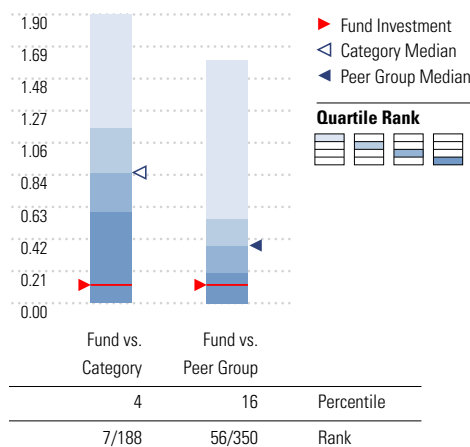
## Growth of \$10,000



## 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

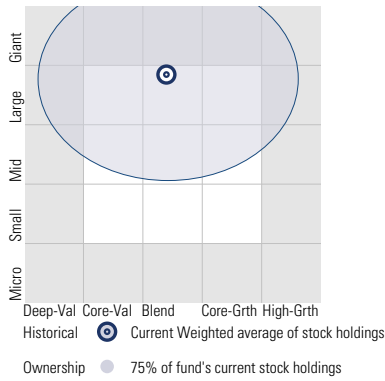
	Fund	Bmark	Cat
Price/Earnings Ratio	21.65	21.72	22.02
Price/Book Ratio	2.19	2.20	2.25
Avg Eff Duration	6.05	4.96	6.30

# Vanguard Target Retirement Income Inv VTINX

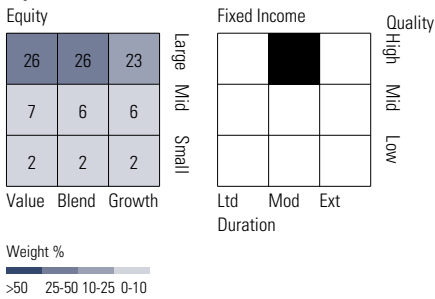
**Morningstar Category**  
Target-Date Retirement

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

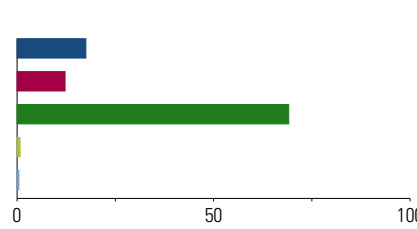
**Style Analysis** as of 09-30-2020  
Morningstar Style Box™



**Style Breakdown**

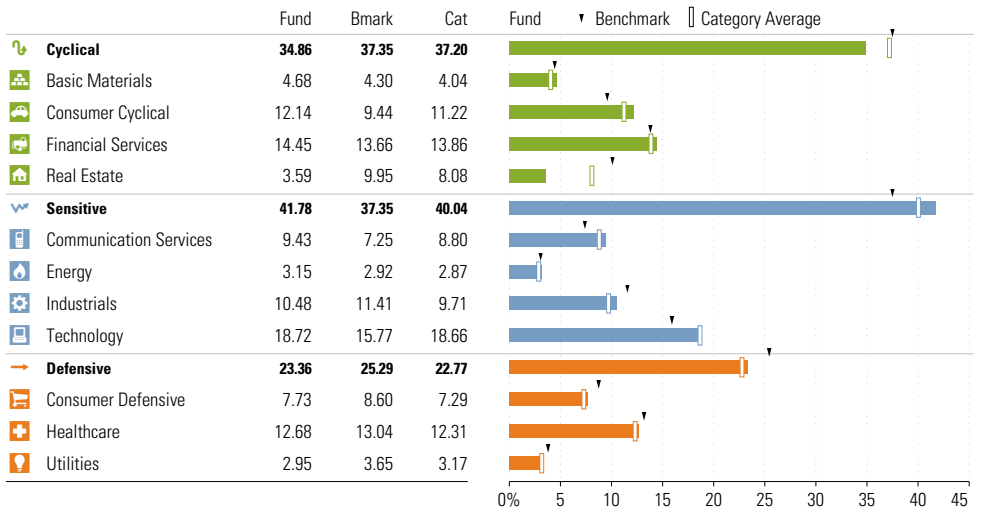


**Asset Allocation** as of 09-30-2020



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



**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