

# American Century Inflation Adjs Bond R5 AIANX

**Morningstar Category**  
Inflation-Protected Bond

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

## Portfolio Manager(s)

Robert Gahagan since 11-2001  
 Brian Howell since 12-2004  
 James Platz since 09-2007  
 Miguel Castillo since 02-2014

## Quantitative Screens

✔ **Performance:** The fund has finished in the Inflation-Protected 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 18.85 years.

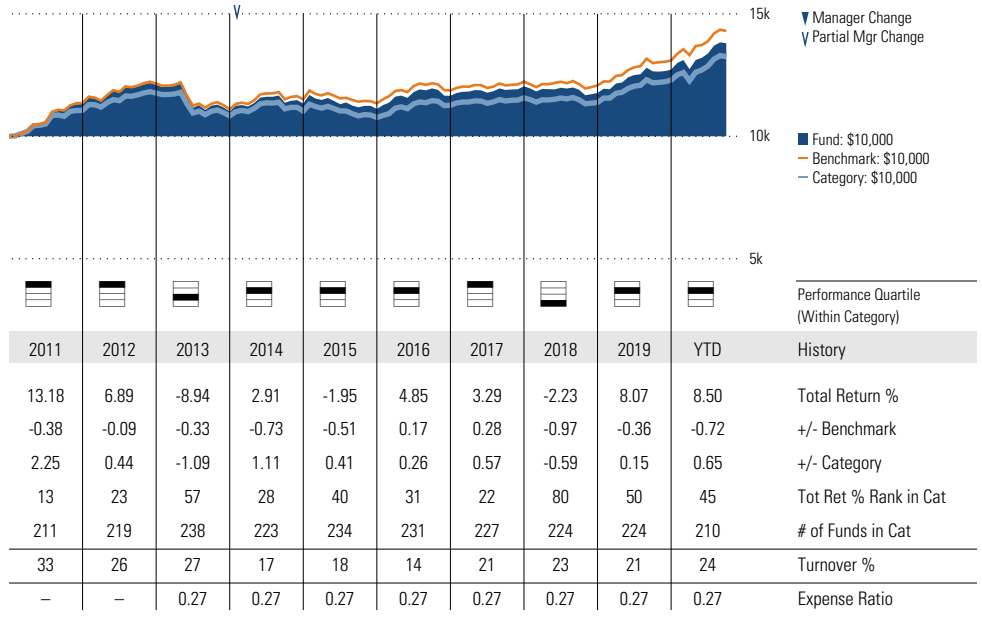
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.27 is 60.29% lower than the Inflation-Protected Bond category average.

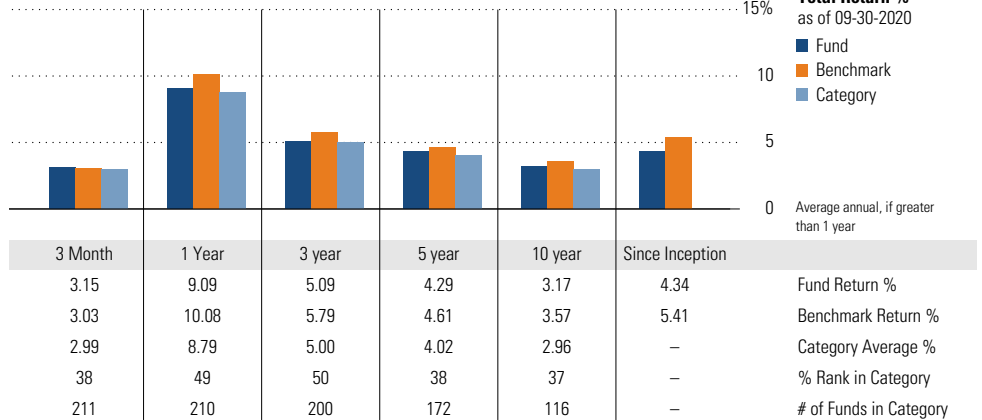
## Morningstar Investment Management LLC Analysis

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

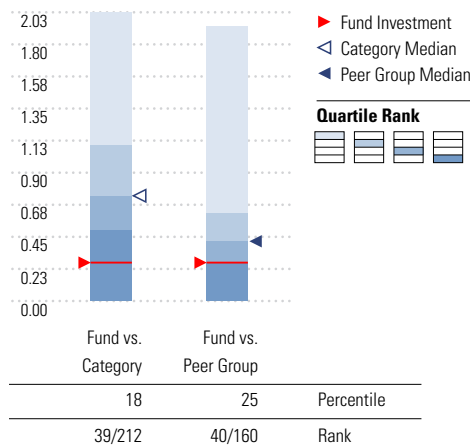
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.96	-	-0.60
Beta	1.05	-	0.92
R-Squared	94.82	-	78.22
Standard Deviation	4.10	3.80	4.12
Sharpe Ratio	0.83	1.07	0.78
Tracking Error	0.95	-	2.12
Information Ratio	-0.74	-	-0.65
Up Capture Ratio	95.35	-	86.21
Down Capture Ratio	109.90	-	97.65

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	7.78	4.52	7.64
Avg Eff Maturity	8.58	-	9.74

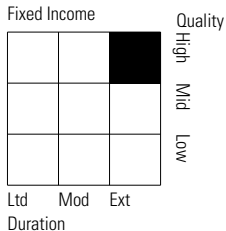
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**Morningstar Category**  
Inflation-Protected Bond

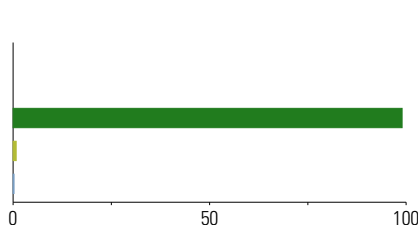
**Morningstar Index**  
BBgBarc US Treasury US TIPS TR USD

## Style Analysis as of 09-30-2020

### Style Breakdown



## Asset Allocation as of 09-30-2020

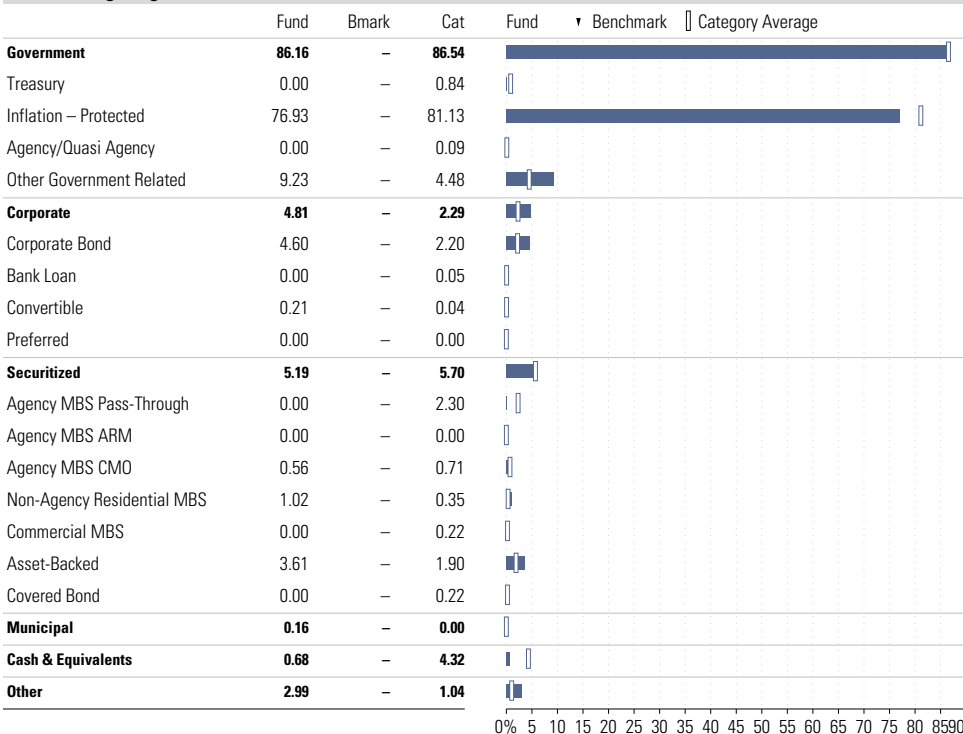


Asset Class	Net %	Cat%
US Stocks	0.00	-0.04
Non-US Stocks	0.00	0.01
Bonds	98.98	99.36
Cash	0.78	2.36
Other	0.24	-1.70
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	91.62	0.00	95.71
AA	2.15	99.60	1.90
A	3.24	0.00	0.73
BBB	2.72	0.00	1.28
BB	0.17	0.00	0.17
B	-0.19	0.00	0.05
Below B	0.00	0.00	0.00
Not Rated	0.29	0.40	0.16

## Sector Weighting as of 09-30-2020



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

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Notes 0.12%	01-2023	6.51	6.51	-
⊕ United States Treasury Notes 0.62%	01-2026	6.01	12.52	-
⊕ United States Treasury Notes 0.12%	01-2022	5.25	17.77	-
⊕ United States Treasury Notes 0.25%	07-2029	4.90	22.67	-
⊕ United States Treasury Bonds 2%	01-2026	4.58	27.25	-
⊕ United States Treasury Notes 0.62%	01-2024	4.00	31.25	-
⊕ Bp9u31zz0 Cds Usd P F 5.00000 Markit Cdx Na Hy Ice Ccp	12-2024	3.62	34.87	-
⊕ United States Treasury Bonds 1.38%	02-2044	3.60	38.47	-
⊕ United States Treasury Bonds 0.75%	02-2042	3.59	42.06	-
⊕ Bp9u31zz0 Cds Usd R V 00mevent 2i65brsp6 Ice Ccp	12-2024	3.44	45.49	-

**Total Holdings 183**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# American Funds AMCAP R6 RAFGX

Morningstar Category  
Large Growth

Morningstar Index  
Russell 1000 Growth TR USD

## Portfolio Manager(s)

Barry Crosthwaite since 05-2006  
Lawrence Solomon since 05-2011  
James Terrile since 05-2011  
Aidan O'Connell since 07-2015  
Jessica Spaly since 10-2017  
Cheryl Frank since 10-2018  
Gregory Wendt since 05-2019  
Eric Stern since 11-2019

## Quantitative Screens

**Performance:** The fund has finished in the Large Growth category's top three quartiles in 7 of the 10 years it's been in existence.

**Management:** The fund's management has been in place for 14.43 years.

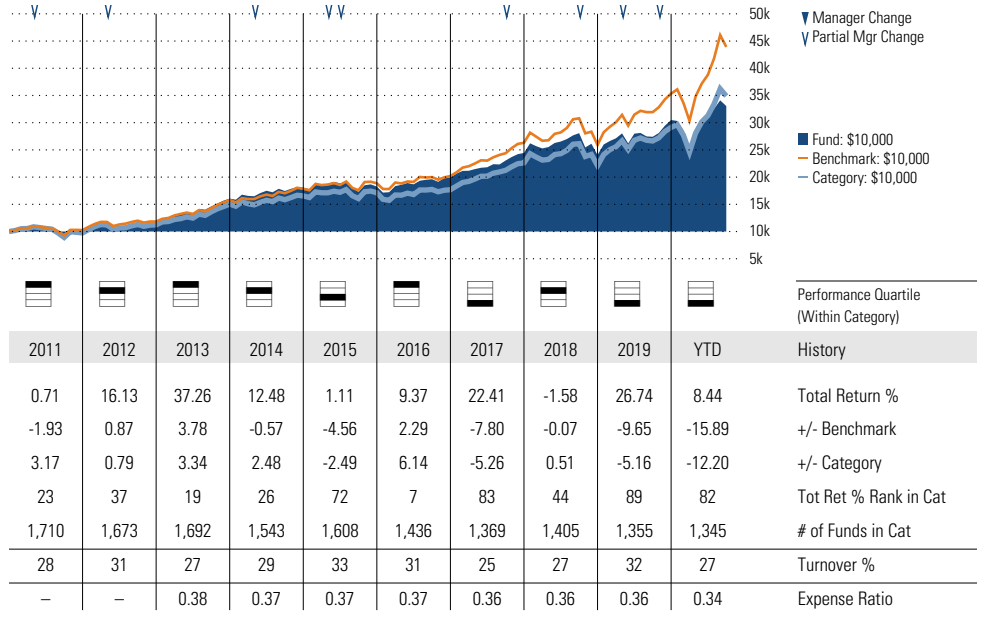
**Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

**Net Expense:** The fund's expense ratio of 0.34 is 66.34% lower than the Large Growth category average.

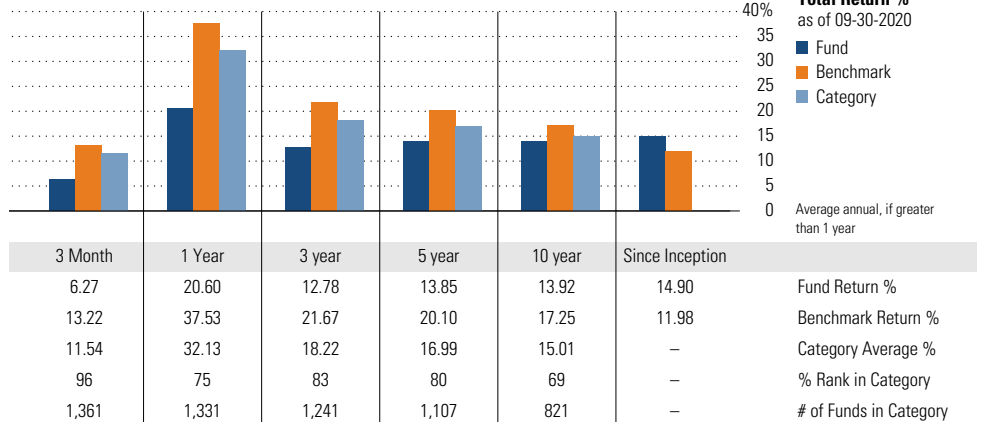
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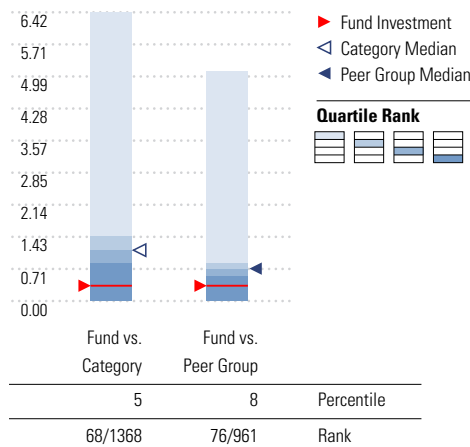
## Growth of \$10,000



## 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

	Fund	Bmark	Cat
Alpha	-5.34	-	-2.17
Beta	0.88	-	0.97
R-Squared	93.19	-	93.87
Standard Deviation	17.32	19.05	19.20
Sharpe Ratio	0.69	1.04	0.89
Tracking Error	5.08	-	4.70
Information Ratio	-1.75	-	-0.84
Up Capture Ratio	78.44	-	92.45
Down Capture Ratio	98.13	-	99.78

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	33.46	33.32	33.48
Price/Book Ratio	4.97	9.12	7.43
Geom Avg Mkt Cap \$B	91.73	190.12	255.68
ROE	21.29	32.08	31.18

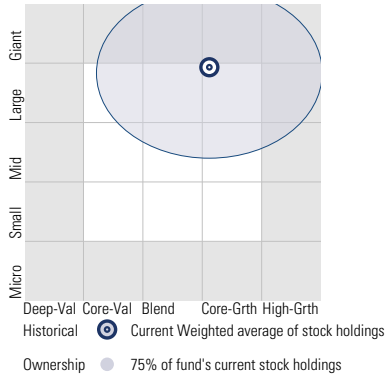
# American Funds AMCAP R6 RAFGX

Morningstar Category  
Large Growth

Morningstar Index  
Russell 1000 Growth TR USD

## Style Analysis as of 09-30-2020

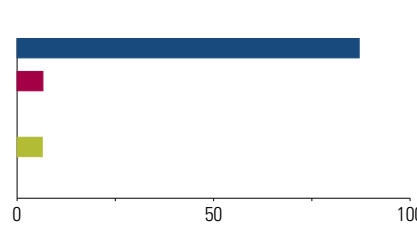
Morningstar Style Box™



## Style Breakdown

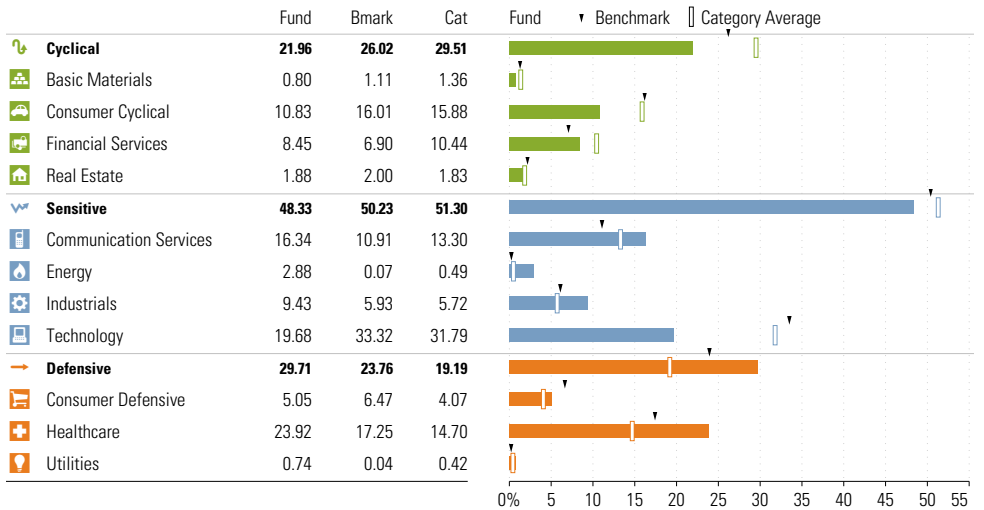


## Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	87.04	92.02
Non-US Stocks	6.57	5.82
Bonds	0.00	0.03
Cash	6.39	1.61
Other	0.00	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
Capital Group Central Cash M	6.42	6.42	-	-
Netflix Inc	4.26	10.67	54.54	Communication Svc
Microsoft Corp	4.14	14.81	34.34	Technology
Facebook Inc A	3.24	18.05	27.60	Communication Svc
Abbott Laboratories	3.11	21.15	26.54	Healthcare
Amazon.com Inc	2.74	23.89	70.40	Consumer Cyclical
UnitedHealth Group Inc	2.68	26.57	7.27	Healthcare
Broadcom Inc	2.29	28.86	18.37	Technology
Thermo Fisher Scientific Inc	2.04	30.90	36.11	Healthcare
Amgen Inc	1.69	32.60	7.42	Healthcare
Mastercard Inc A	1.69	34.28	13.66	Financial Services
ASML Holding NV	1.47	35.75	19.85	Technology
Alphabet Inc A	1.46	37.21	9.42	Communication Svc
Alphabet Inc Class C	1.40	38.60	9.92	Communication Svc
CSX Corp	1.39	39.99	8.42	Industrials

Total Holdings 201

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# American Funds Invmt Co of Amer R6 RICGX

Morningstar Category  
Large Blend

Morningstar Index  
S&P 500 TR USD

## Portfolio Manager(s)

James Lovelace since 03-1992  
 Donald O'Neal since 03-1992  
 Joyce Gordon since 01-2001  
 Christopher Buchbinder since 03-2007  
 Barry Crosthwaite since 01-2013  
 Grant Cambridge since 03-2014  
 Martin Romo since 07-2018  
 James Terrile since 03-2020

## Quantitative Screens

✔ **Performance:** The fund has finished in the 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 28.6 years.

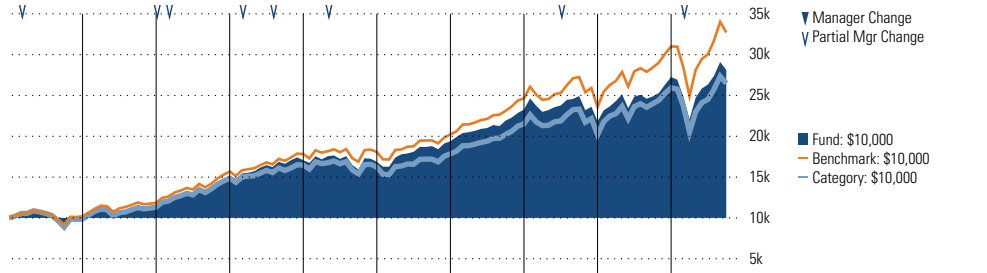
✔ **Style:** The fund has landed in its primary style box — Large Blend — 72.73 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.27 is 68.24% lower than the Large Blend category average.

## Morningstar Investment Management LLC Analysis

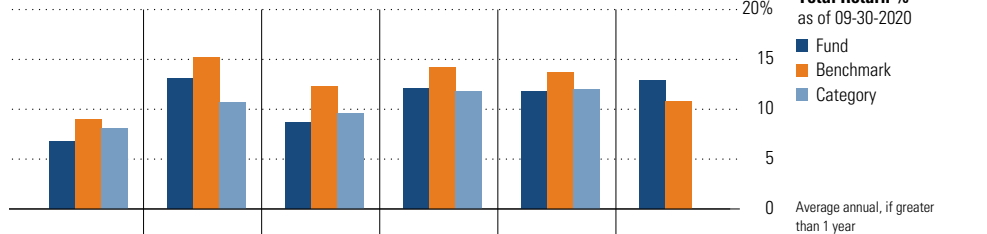
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## Growth of \$10,000



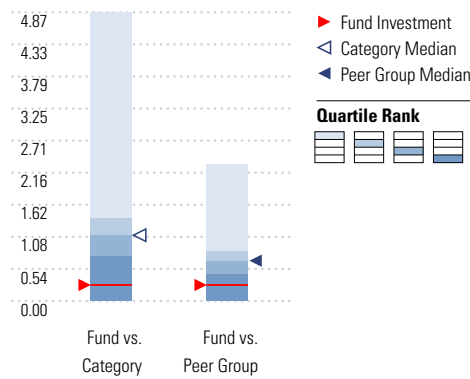
Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	Performance Quartile (Within Category)
Fund: \$10,000	-1.45	15.98	32.84	12.41	-1.15	14.93	20.06	-6.25	24.92	3.13	History
Benchmark: \$10,000	-3.56	-0.02	0.45	-1.28	-2.53	2.97	-1.77	-1.87	-6.57	-2.44	Total Return %
Category: \$10,000	-0.18	1.02	1.34	1.45	-0.08	4.56	-0.38	0.02	-3.86	0.83	+/- Benchmark
	56	35	36	39	55	7	63	58	87	53	+/- Category
	1,602	1,534	1,514	1,431	1,497	1,382	1,357	1,373	1,388	1,396	Tot Ret % Rank in Cat
	28	21	24	29	30	25	28	36	31	-	# of Funds in Cat
	-	-	0.30	0.30	0.30	0.30	0.30	0.29	0.28	-	Turnover %
											Expense Ratio

## Trailing Performance



Period	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Metric
Fund Return %	6.75	13.04	8.67	12.05	11.83	12.89	Fund Return %
Benchmark Return %	8.93	15.15	12.28	14.15	13.74	10.74	Benchmark Return %
Category Average %	8.06	10.70	9.55	11.77	11.96	-	Category Average %
% Rank in Category	79	45	66	55	62	-	% Rank in Category
# of Funds in Category	1,457	1,379	1,239	1,075	828	-	# 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

Metric	Fund	Bmark	Cat
Alpha	-2.29	-	-2.29
Beta	0.91	-	0.97
R-Squared	97.54	-	95.59
Standard Deviation	16.26	17.74	17.56
Sharpe Ratio	0.49	0.65	0.51
Tracking Error	3.05	-	3.57
Information Ratio	-1.18	-	-1.28
Up Capture Ratio	87.68	-	91.12
Down Capture Ratio	97.78	-	100.00

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	28.13	25.90	24.36
Price/Book Ratio	3.52	3.55	3.50
Geom Avg Mkt Cap \$B	155.86	156.62	220.30
ROE	22.86	27.32	29.32

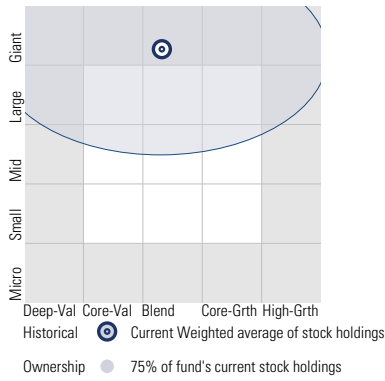
# American Funds Invmt Co of Amer R6 RICGX

Morningstar Category  
Large Blend

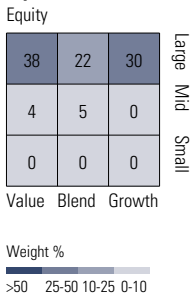
Morningstar Index  
S&P 500 TR USD

## Style Analysis as of 09-30-2020

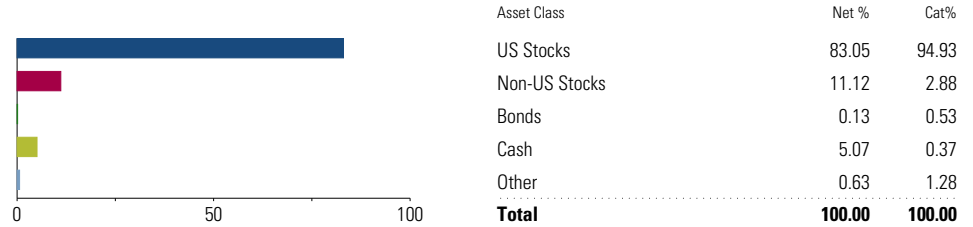
Morningstar Style Box™



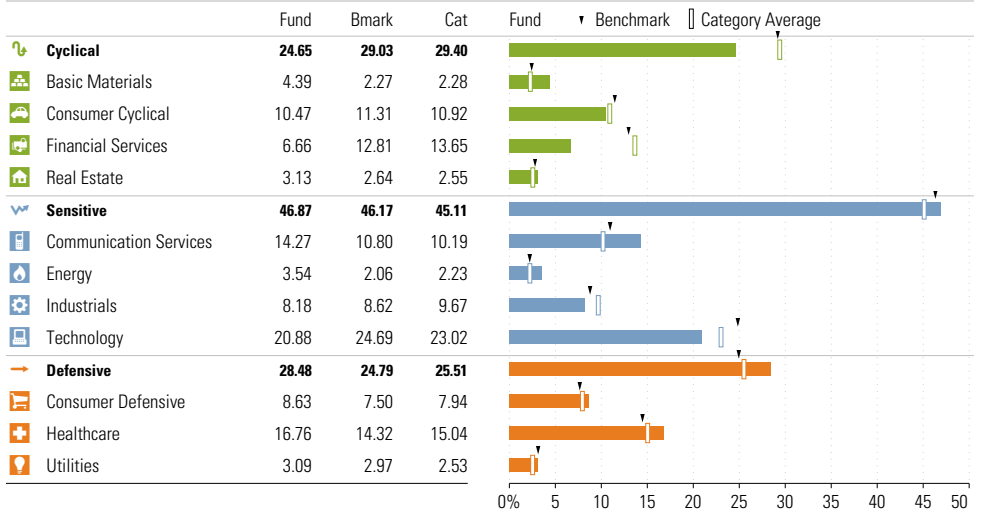
## Style Breakdown



## 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
Microsoft Corp	7.07	7.07	34.34	Technology
Broadcom Inc	5.29	12.36	18.37	Technology
Capital Group Central Cash Fund	4.97	17.33	-	-
Facebook Inc A	4.57	21.90	27.60	Communication Svc
Amazon.com Inc	3.86	25.76	70.40	Consumer Cyclical
Abbott Laboratories	3.23	28.99	26.54	Healthcare
Comcast Corp Class A	2.89	31.88	4.36	Communication Svc
The Home Depot Inc	2.53	34.41	29.23	Consumer Cyclical
Netflix Inc	2.44	36.85	54.54	Communication Svc
Apple Inc	2.26	39.12	58.57	Technology
Philip Morris International Inc	1.87	40.99	-7.71	Consumer Defensive
Alphabet Inc A	1.73	42.72	9.42	Communication Svc
Amgen Inc	1.66	44.38	7.42	Healthcare
UnitedHealth Group Inc	1.58	45.96	7.27	Healthcare
Gilead Sciences Inc	1.50	47.46	0.38	Healthcare

Total Holdings 203

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# American Funds New Perspective R6 RNPGX

**Morningstar Category**  
World Large Stock

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

## Portfolio Manager(s)

Robert Lovelace since 12-2000  
Jonathan Knowles since 12-2004  
Steven Watson since 12-2005  
Brady Enright since 12-2005  
Jody Jonsson since 12-2005  
Noriko Chen since 04-2012  
Andraz Razen since 07-2015

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 19.84 years.

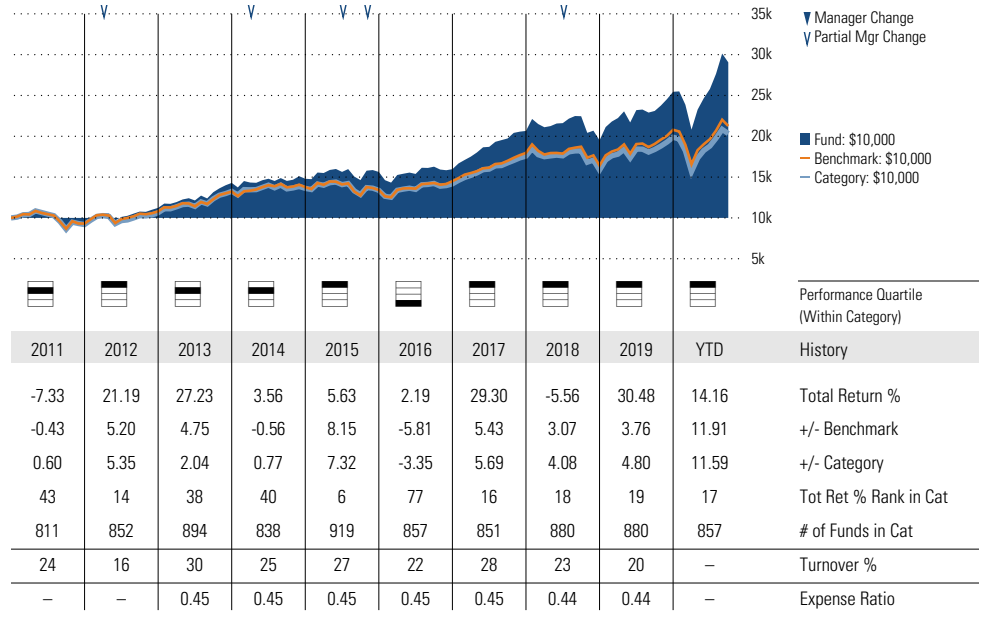
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.42 is 61.82% lower than the World Large Stock category average.

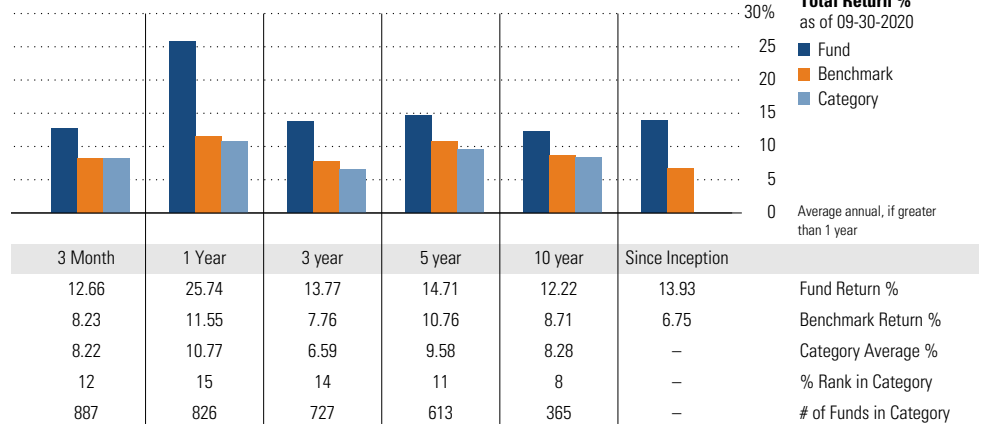
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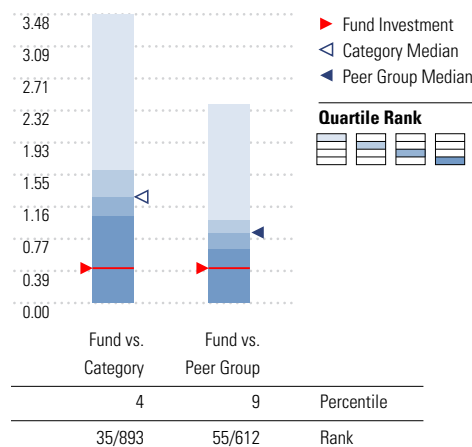
## Growth of \$10,000



## 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

	Fund	Bmark	Cat
Alpha	5.22	-	-0.63
Beta	1.05	-	0.99
R-Squared	96.37	-	92.62
Standard Deviation	17.67	16.54	17.06
Sharpe Ratio	0.73	0.44	0.38
Tracking Error	3.47	-	4.80
Information Ratio	1.73	-	-0.21
Up Capture Ratio	114.13	-	95.09
Down Capture Ratio	90.82	-	97.56

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	32.29	16.67	23.35
Price/Book Ratio	3.92	2.05	2.62
Geom Avg Mkt Cap \$B	104.13	65.35	92.85
ROE	17.26	19.21	19.71

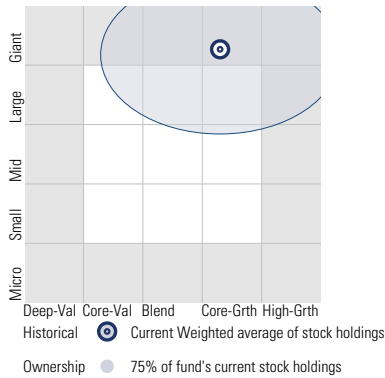
# American Funds New Perspective R6 RNPGX

**Morningstar Category**  
World Large Stock

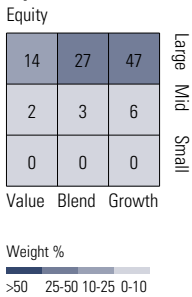
**Morningstar Index**  
MSCI ACWI Large Cap NR USD

## Style Analysis as of 09-30-2020

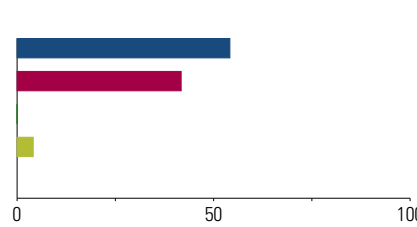
Morningstar Style Box™



## Style Breakdown

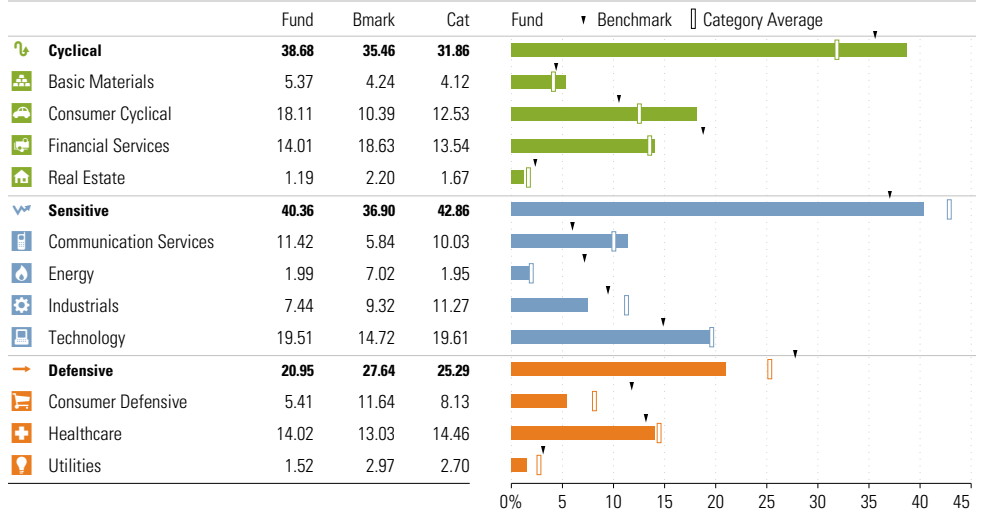


## Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	54.14	55.34
Non-US Stocks	41.74	41.00
Bonds	0.02	0.36
Cash	4.10	2.66
Other	0.00	0.65
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020



## World Regions % Equity 09-30-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	14.00	16.20	Americas	60.18	60.26	Greater Europe	25.83	23.54	Developed Markets	94.90
Japan	4.41	6.27	North America	58.16	59.42	United Kingdom	4.56	5.45	Emerging Markets	5.10
Australasia	0.43	0.68	Central/Latin	2.02	0.84	W euro-ex UK	20.21	17.37	Not Available	0.00
Asia-4 Tigers	6.98	3.56				Emrgng Europe	0.30	0.22		
Asia-ex 4 Tigers	2.18	5.69				Africa	0.76	0.50		
Not Classified	0.00	0.00								

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

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Tesla Inc	6.51	6.51	412.77	Consumer Cyclical
⊖ Capital Group Central Cash Fund	4.27	10.77	—	—
⊖ Amazon.com Inc	3.41	14.18	70.40	Consumer Cyclical
⊖ Facebook Inc A	3.27	17.46	27.60	Communication Svc
⊖ Microsoft Corp	3.00	20.46	34.34	Technology
⊕ Taiwan Semiconductor Manufacturing Co Ltd	2.81	23.27	33.08	Technology
⊕ Mastercard Inc A	1.84	25.10	13.66	Financial Services
⊕ Netflix Inc	1.57	26.68	54.54	Communication Svc
⊖ ASML Holding NV	1.27	27.95	19.85	Technology
⊖ PayPal Holdings Inc	1.19	29.14	82.15	Financial Services

**Total Holdings 316**

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# 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.

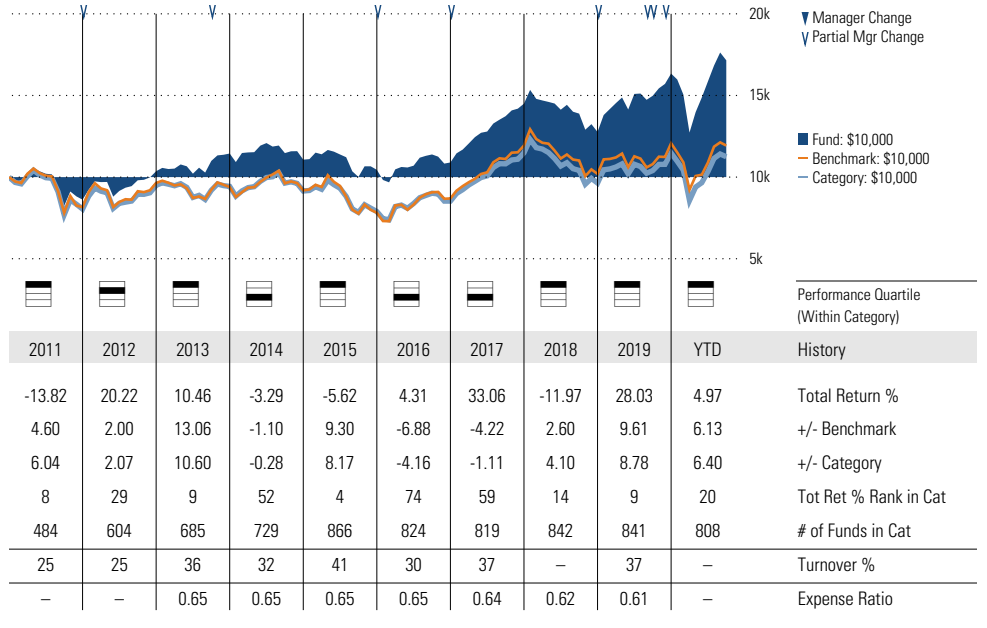
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

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

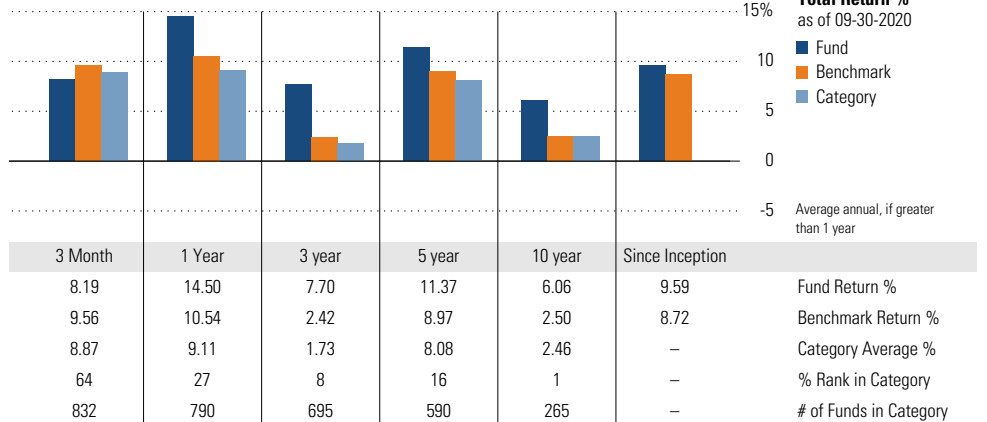
## Morningstar Investment Management LLC Analysis

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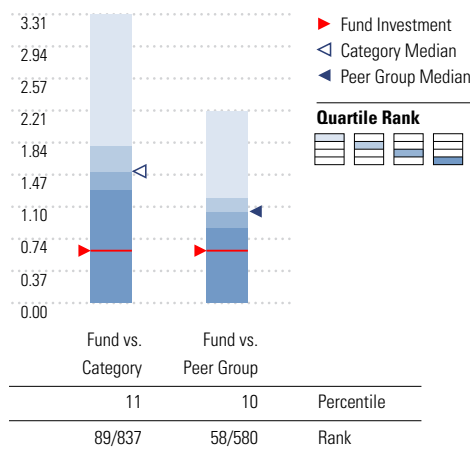
## Growth of \$10,000



## 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	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

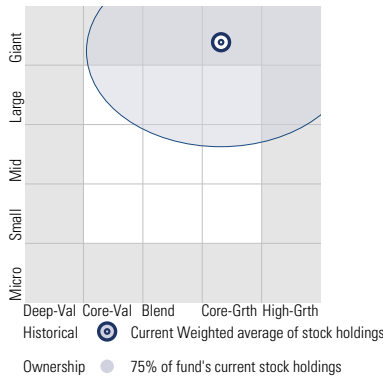
# American Funds New World R6 RNWGX

**Morningstar Category**  
Diversified Emerging Mkts

**Morningstar Index**  
MSCI EM NR USD

## Style Analysis as of 09-30-2020

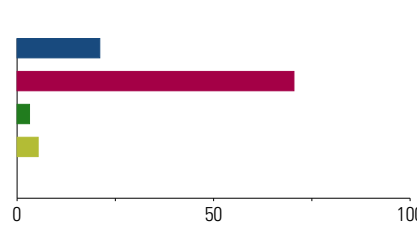
Morningstar Style Box™



## Style Breakdown

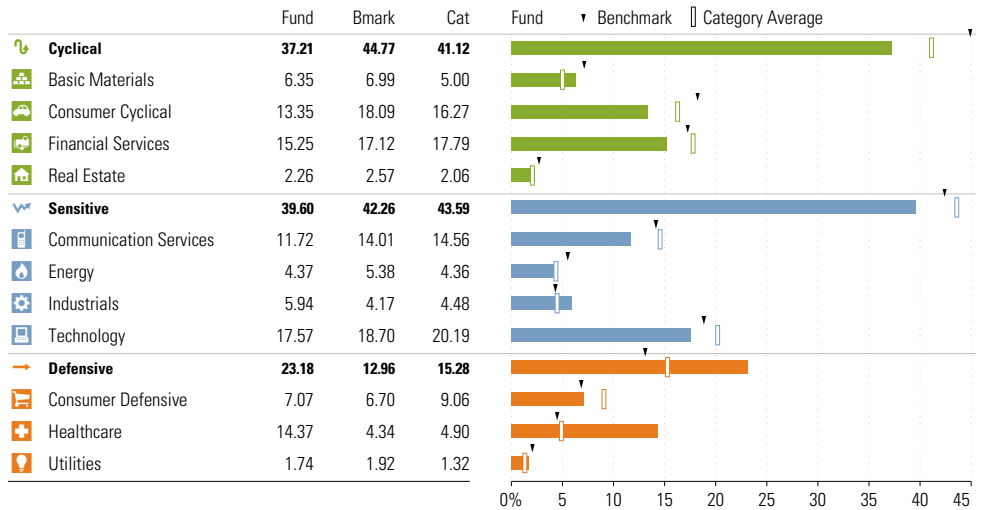


## Asset Allocation as of 09-30-2020



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

# American Funds Washington Mutual R6 RWMGX

**Morningstar Category**  
Large Blend

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

## Portfolio Manager(s)

- Alan Berro since 07-1997
- Jeffrey Lager since 07-2004
- Alan Wilson since 07-2013
- Diana Wagner since 06-2014
- Jin Lee since 07-2014
- Eric Stern since 11-2014
- Irfan Furniturewala since 06-2015
- Brady Enright since 07-2016
- Mark Casey since 07-2016

## Quantitative Screens

**Performance:** The fund has finished in the Large Blend category's top three quartiles in 8 of the 10 years it's been in existence.

**Management:** The fund's management has been in place for 23.27 years.

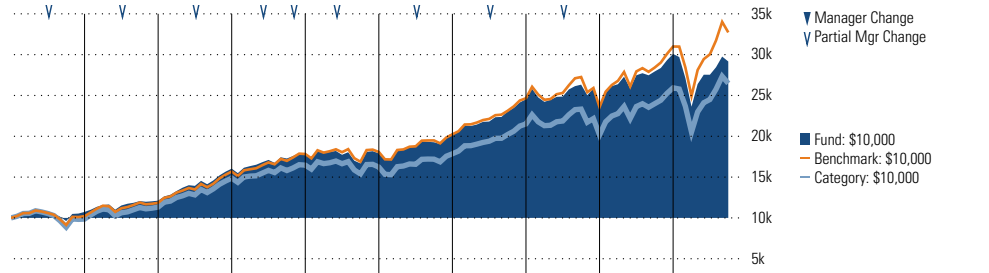
**Style:** The fund has landed in its primary style box — Large Blend — 90.91 % of the time over the past three years.

**Net Expense:** The fund's expense ratio of 0.27 is 68.24% lower than the Large Blend category average.

## Morningstar Investment Management LLC Analysis

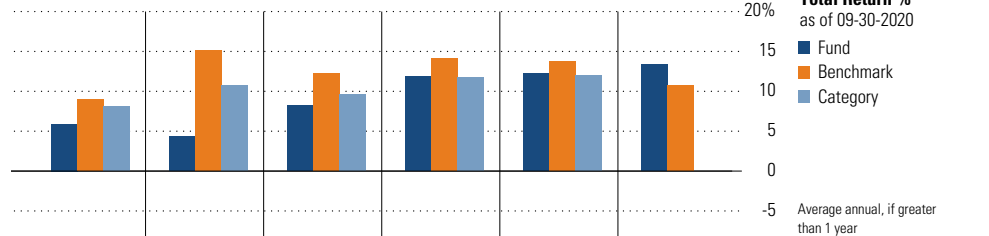
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Growth of \$10,000



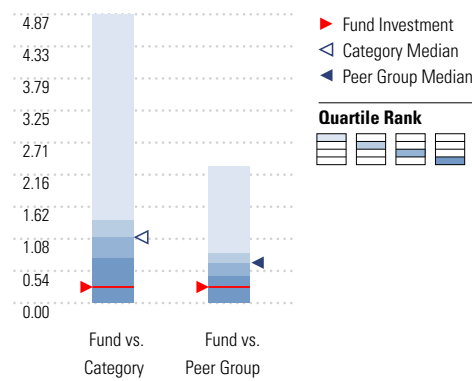
2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	History
7.35	12.85	32.34	11.53	0.12	13.73	20.54	-2.66	25.93	-3.06	Total Return %
5.24	-3.15	-0.05	-2.16	-1.26	1.77	-1.29	1.72	-5.56	-8.63	+/- Benchmark
8.62	-2.11	0.84	0.57	1.19	3.36	0.10	3.61	-2.85	-5.36	+/- Category
6	72	39	34	8	58	10	12	82	83	Tot Ret % Rank in Cat
1,602	1,534	1,514	1,431	1,497	1,382	1,357	1,373	1,388	1,396	# of Funds in Cat
25	22	22	19	24	30	21	25	25	30	Turnover %
-	-	0.30	0.30	0.30	0.30	0.30	0.29	0.29	0.27	Expense Ratio

## Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	
5.90	4.38	8.17	11.83	12.22	13.40	Fund Return %
8.93	15.15	12.28	14.15	13.74	10.74	Benchmark Return %
8.06	10.70	9.55	11.77	11.96	-	Category Average %
86	81	71	57	54	-	% Rank in Category
1,457	1,379	1,239	1,075	828	-	# 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	-2.48	-	-2.29
Beta	0.88	-	0.97
R-Squared	96.36	-	95.59
Standard Deviation	15.92	17.74	17.56
Sharpe Ratio	0.47	0.65	0.51
Tracking Error	3.70	-	3.57
Information Ratio	-1.11	-	-1.28
Up Capture Ratio	82.15	-	91.12
Down Capture Ratio	91.55	-	100.00

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.93	25.90	24.36
Price/Book Ratio	2.87	3.55	3.50
Geom Avg Mkt Cap \$B	111.38	156.62	220.30
ROE	21.28	27.32	29.32

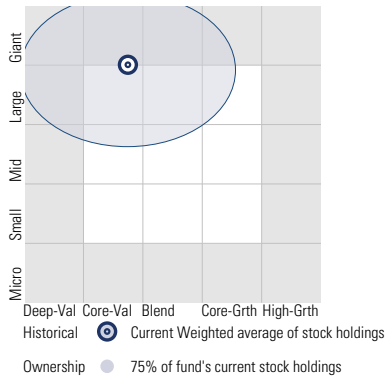
# American Funds Washington Mutual R6 RWMGX

**Morningstar Category**  
Large Blend

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

## Style Analysis as of 09-30-2020

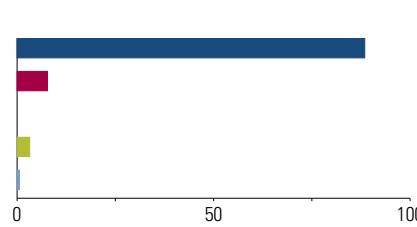
Morningstar Style Box™



## Style Breakdown

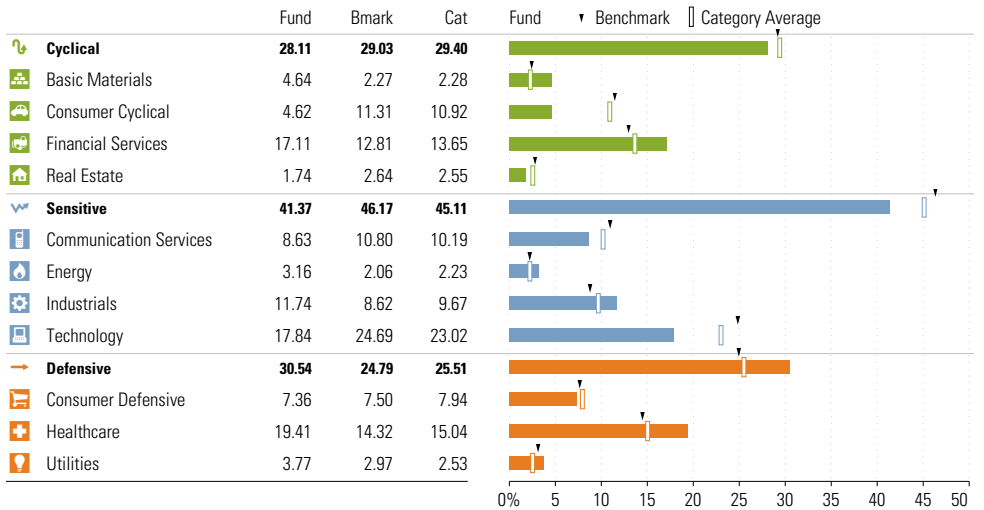


## Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	88.46	94.93
Non-US Stocks	7.73	2.88
Bonds	0.00	0.53
Cash	3.21	0.37
Other	0.59	1.28
<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
Microsoft Corp	5.95	5.95	34.34	Technology
Broadcom Inc	4.74	10.69	18.37	Technology
Comcast Corp Class A	4.23	14.92	4.36	Communication Svc
UnitedHealth Group Inc	3.26	18.18	7.27	Healthcare
Capital Group Central Cash Fund	3.17	21.35	-	-
Johnson & Johnson	2.47	23.83	4.10	Healthcare
Pfizer Inc	2.25	26.08	-3.42	Healthcare
Marsh & McLennan Companies Inc	2.12	28.20	4.19	Financial Services
Intel Corp	2.01	30.22	-11.83	Technology
Verizon Communications Inc	2.00	32.21	-0.11	Communication Svc
The Home Depot Inc	1.93	34.14	29.23	Consumer Cyclical
CME Group Inc Class A	1.91	36.05	-15.37	Financial Services
Northrop Grumman Corp	1.88	37.93	-7.05	Industrials
Humana Inc	1.76	39.69	13.44	Healthcare
Nestle SA ADR	1.72	41.40	12.71	Consumer Defensive

**Total Holdings 182**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Baird Aggregate Bond Inst BAGIX

**Morningstar Category**  
Intermediate Core Bond

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 20.02 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.3 is 51.61% 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.

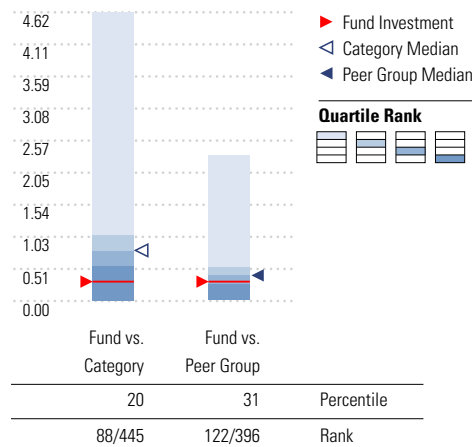
## Growth of \$10,000



## 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	0.01	-	-0.26
Beta	1.07	-	0.98
R-Squared	91.12	-	83.98
Standard Deviation	3.78	3.37	3.64
Sharpe Ratio	1.05	1.07	0.90
Tracking Error	1.15	-	1.43
Information Ratio	0.33	-	-0.42
Up Capture Ratio	109.33	-	98.36
Down Capture Ratio	114.21	-	111.19

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	6.12	4.43	5.42
Avg Eff Maturity	7.84	-	7.44

# Baird Aggregate Bond Inst BAGIX

**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

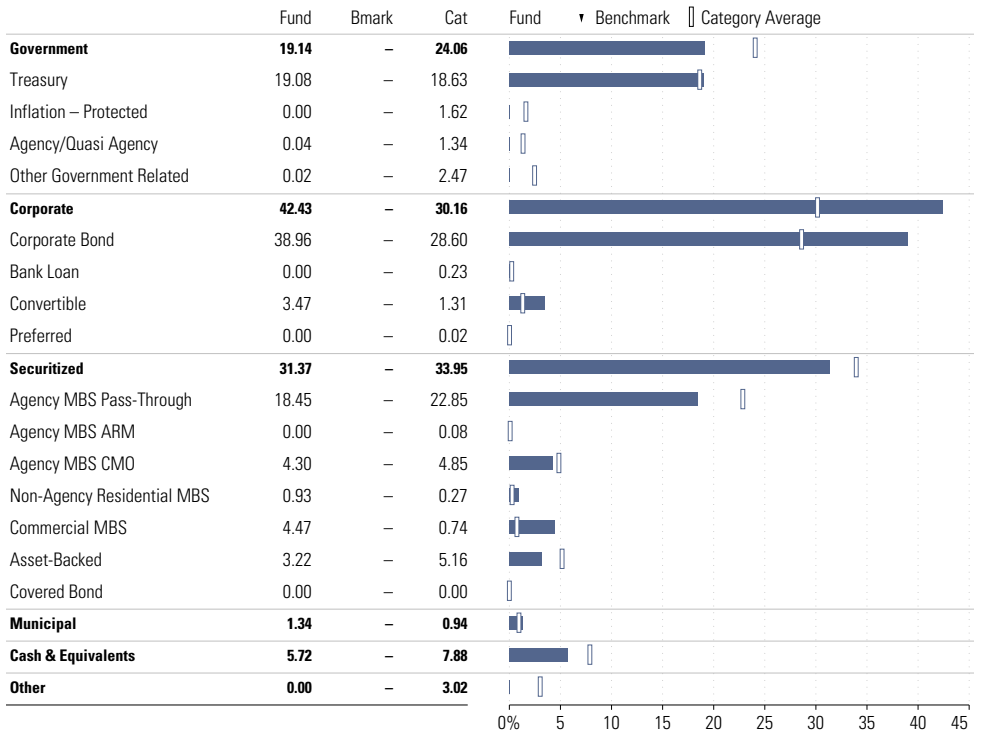


Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.00
Bonds	90.75	91.64
Cash	5.72	5.61
Other	3.53	2.73
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Credit Rating Breakdown**

	Fund	Bmark	Cat
AAA	55.30	3.53	41.98
AA	3.80	74.59	11.97
A	16.60	10.82	26.54
BBB	23.40	8.32	13.91
BB	0.90	0.28	3.29
B	0.00	0.00	1.09
Below B	0.00	0.00	0.43
Not Rated	0.00	2.46	0.80

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



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

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ First American Government Oblig U	02-2030	4.68	4.68	-
⊕ United States Treasury Bonds 2.88%	05-2043	4.62	9.30	-
⊖ United States Treasury Notes 1.88%	03-2022	3.80	13.09	-
⊕ United States Treasury Bonds 2.5%	02-2045	3.45	16.54	-
⊕ United States Treasury Notes 2.13%	12-2022	1.64	18.19	-
⊕ United States Treasury Notes 2%	11-2026	1.50	19.68	-
⊕ United States Treasury Bonds 2.88%	05-2049	1.37	21.05	-
⊕ United States Treasury Notes 2.5%	05-2024	1.32	22.37	-
⊕ United States Treasury Notes 2.25%	11-2027	0.88	23.25	-
⊕ Fidelity® Inv MM Fds Government Instl	12-2050	0.70	23.95	-

**Total Holdings 1435**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# BlackRock High Yield Bond Instl BHYIX

**Morningstar Category**  
High Yield Bond

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

## Portfolio Manager(s)

James Keenan since 12-2007  
Derek Schoenhofen since 05-2009  
Mitchell Garfin since 05-2009  
David Delbos since 03-2014

## Quantitative Screens

✔ **Performance:** The fund has finished in the High Yield 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 12.76 years.

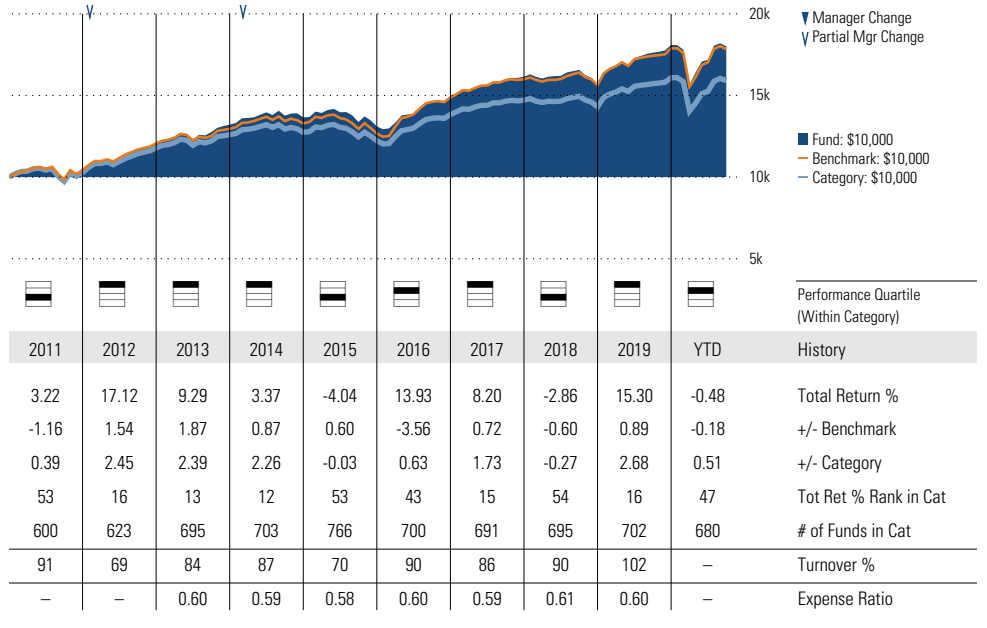
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.62 is 36.08% lower than the High Yield Bond category average.

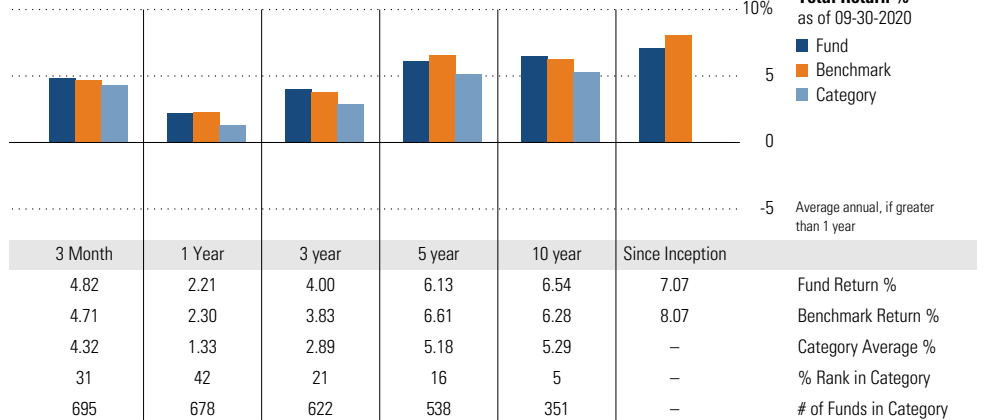
## Morningstar Investment Management LLC Analysis

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

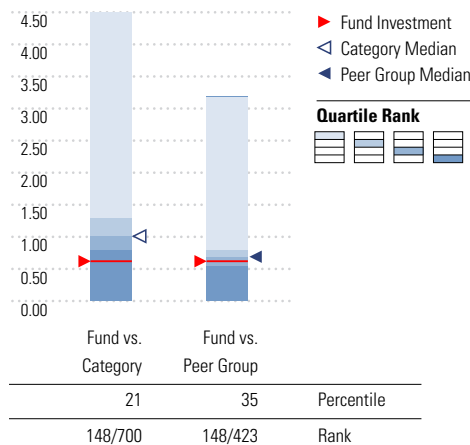
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.07	-	-0.71
Beta	1.03	-	0.96
R-Squared	99.22	-	95.34
Standard Deviation	9.55	9.26	9.12
Sharpe Ratio	0.29	0.28	0.20
Tracking Error	0.88	-	2.21
Information Ratio	0.19	-	-0.43
Up Capture Ratio	103.24	-	90.84
Down Capture Ratio	102.68	-	97.86

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	3.91	-	3.48
Avg Eff Maturity	7.90	-	5.39

# BlackRock High Yield Bond Instl BHYX

**Morningstar Category**  
High Yield Bond

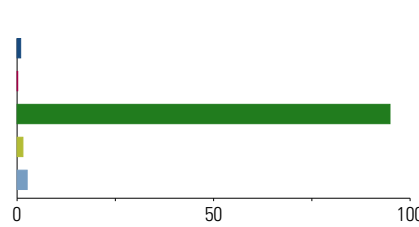
**Morningstar Index**  
ICE BofA US High Yield TR USD

## Style Analysis as of 09-30-2020

### Style Breakdown



## Asset Allocation as of 09-30-2020

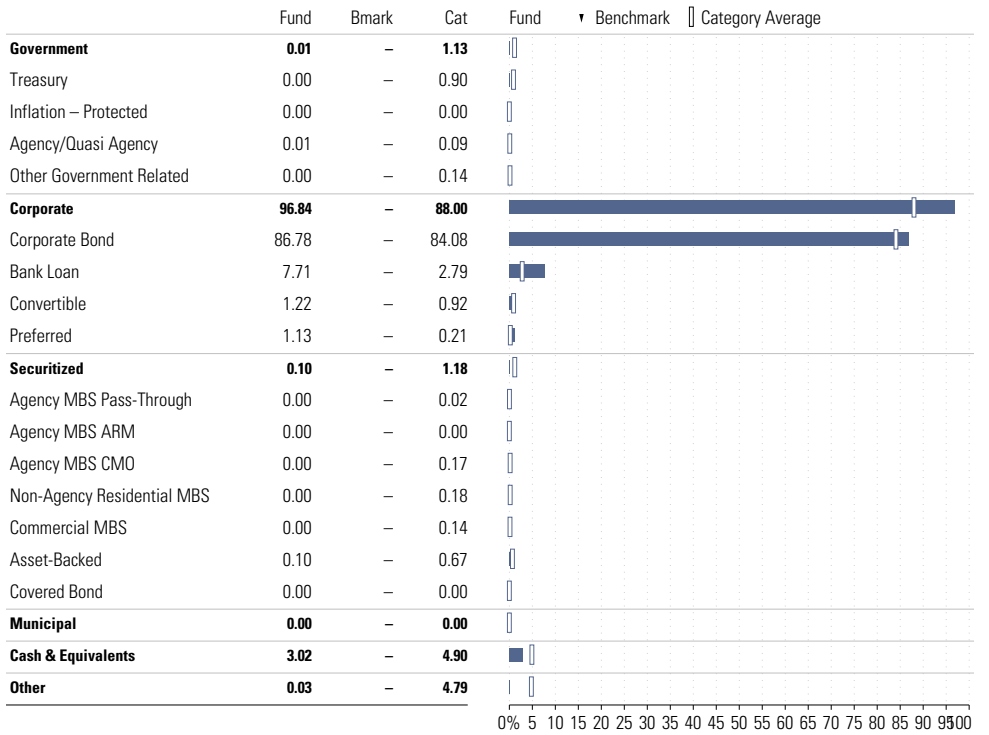


Asset Class	Net %	Cat%
US Stocks	0.91	0.64
Non-US Stocks	0.16	0.03
Bonds	94.88	94.14
Cash	1.48	3.70
Other	2.56	1.50
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	2.19	-	1.80
AA	0.09	-	0.09
A	1.88	-	1.78
BBB	9.16	-	3.65
BB	34.95	-	27.67
B	33.82	-	37.31
Below B	15.82	-	26.02
Not Rated	2.09	-	1.69

## Sector Weighting as of 09-30-2020



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

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ BlackRock Liquidity T-Fund Instl	-	2.43	2.43	-
⊕ Usd Cash(Committed)	-	1.39	3.81	-
⊖ TransDigm, Inc. 6.25%	03-2026	1.35	5.16	-
iShares Preferred&Income Securities ETF	-	1.26	6.42	-
⊖ SPDR® Blmbg Barclays High Yield Bd ETF	-	1.13	7.55	-
⊖ iShares iBoxx \$ High Yield Corp Bd ETF	-	0.91	8.46	-
iShares Broad USD High Yield Corp Bd ETF	-	0.65	9.11	-
⊖ Allied Universal Holdco LLC / Allied Universal Finance Corporation 6.62%	07-2026	0.59	9.70	-
⊖ Connect Finco SARL/Connect US Finco LLC 6.75%	10-2026	0.53	10.23	-
⊖ Altice France Holdings S A 10.5%	05-2027	0.53	10.76	-

**Total Holdings 1603**

⊕ 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.

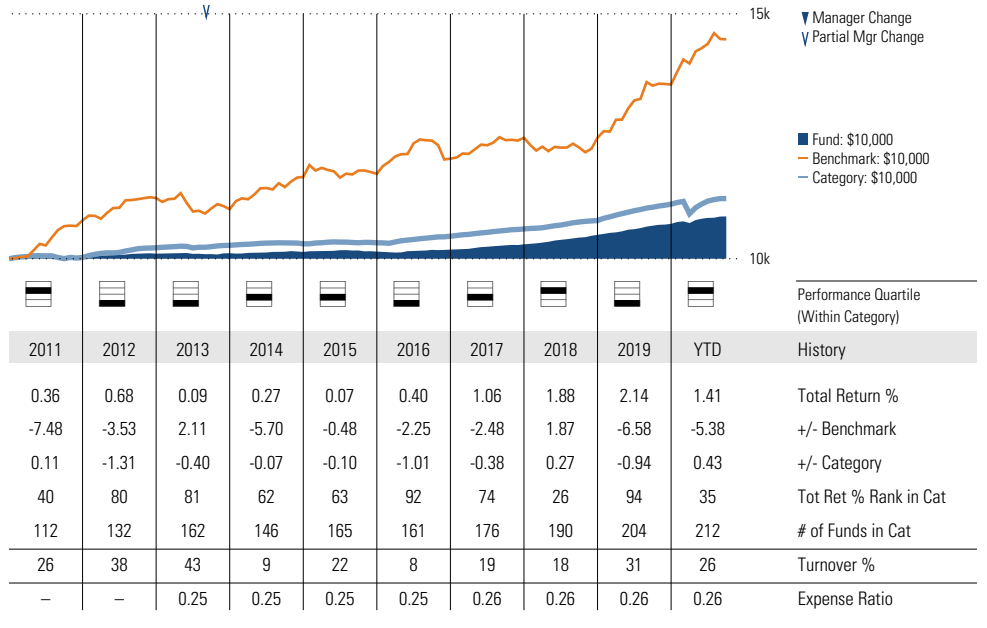
Style Consistency is not calculated for Fixed Income funds.

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

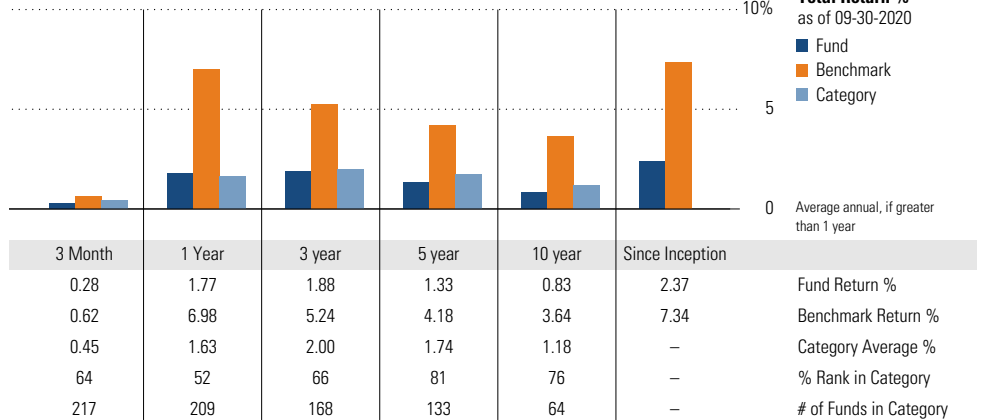
## Morningstar Investment Management LLC Analysis

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.

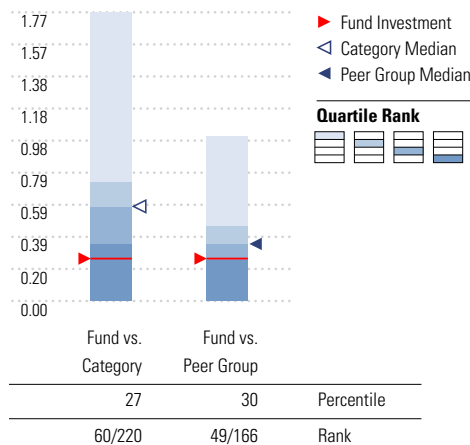
## Growth of \$10,000



## 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

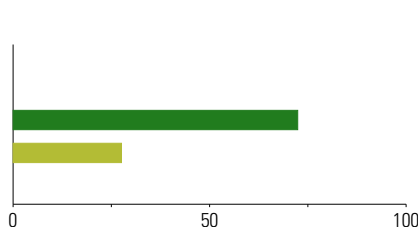
**Morningstar Index**  
BBgBarc US Agg Bond TR USD

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

**Style Breakdown**



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

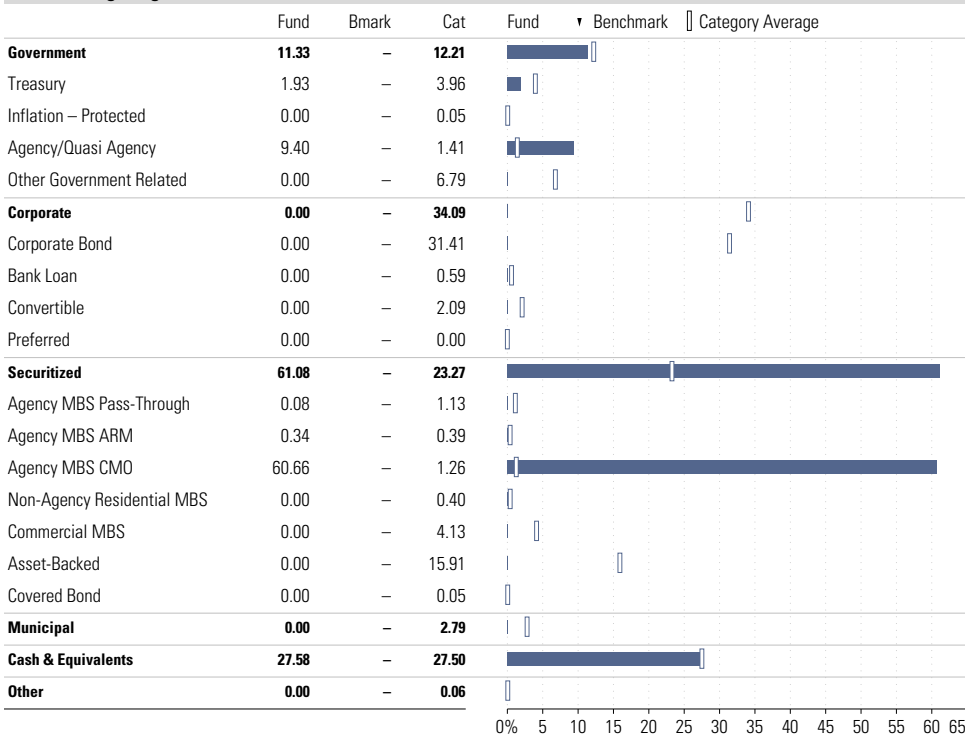


Asset Class	Net %	Cat%
US Stocks	0.00	0.08
Non-US Stocks	0.00	0.02
Bonds	72.42	69.26
Cash	27.58	28.35
Other	0.00	2.29
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**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

# PIMCO Income I2 PONPX

**Morningstar Category**  
Multisector Bond

**Morningstar Index**  
BBgBarc US Universal TR USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 13.52 years.

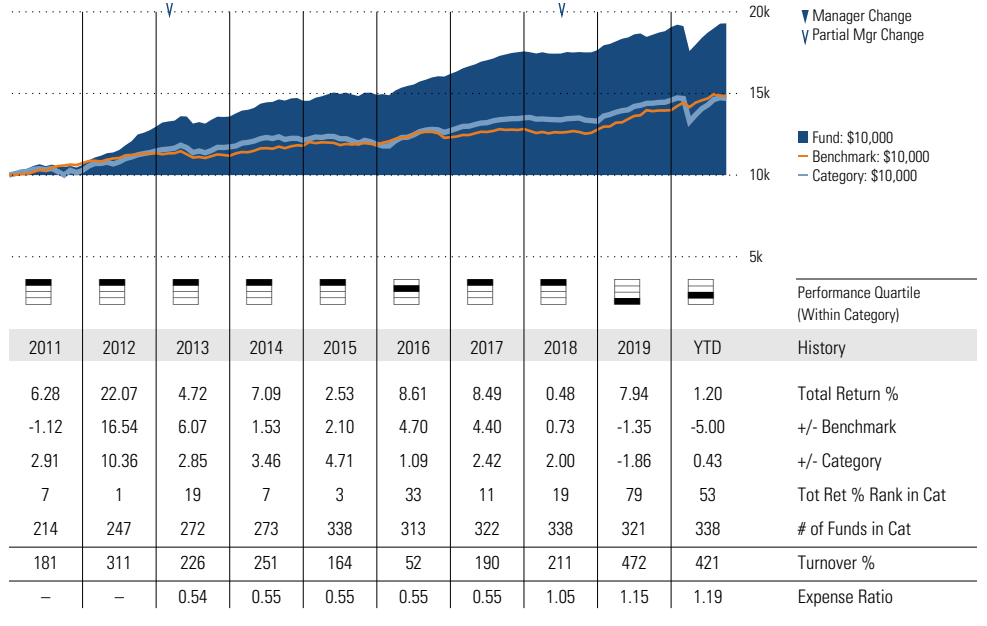
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 1.19 is 13.33% higher than the Multisector Bond category average.

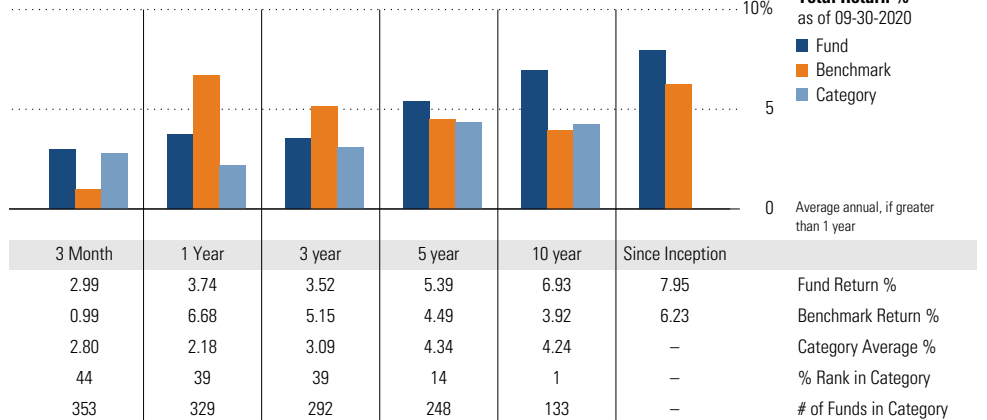
## Morningstar Investment Management LLC Analysis

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.

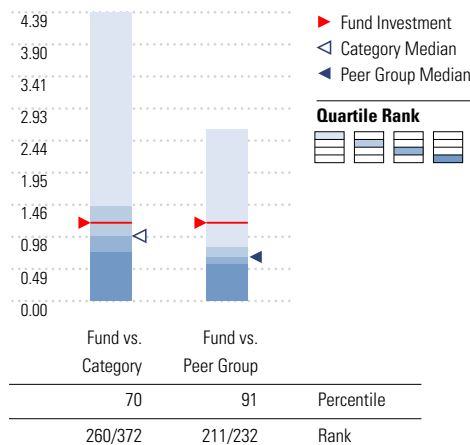
## Growth of \$10,000



## 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	-0.58	-	-3.04
Beta	0.83	-	1.28
R-Squared	25.47	-	35.98
Standard Deviation	5.59	3.40	7.65
Sharpe Ratio	0.36	1.03	0.29
Tracking Error	4.86	-	6.35
Information Ratio	-0.33	-	-0.32
Up Capture Ratio	75.26	-	95.40
Down Capture Ratio	88.38	-	164.08

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	1.67	4.55	4.52
Avg Eff Maturity	5.44	7.69	7.45

# PIMCO Income I2 PONPX

**Morningstar Category**  
Multisector Bond

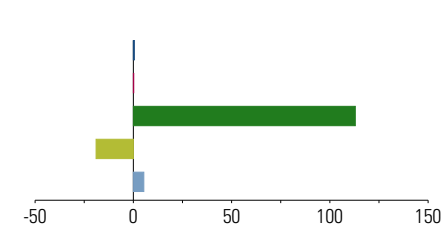
**Morningstar Index**  
BBgBarc US Universal TR USD

## Style Analysis as of 09-30-2020

### Style Breakdown



## Asset Allocation as of 09-30-2020

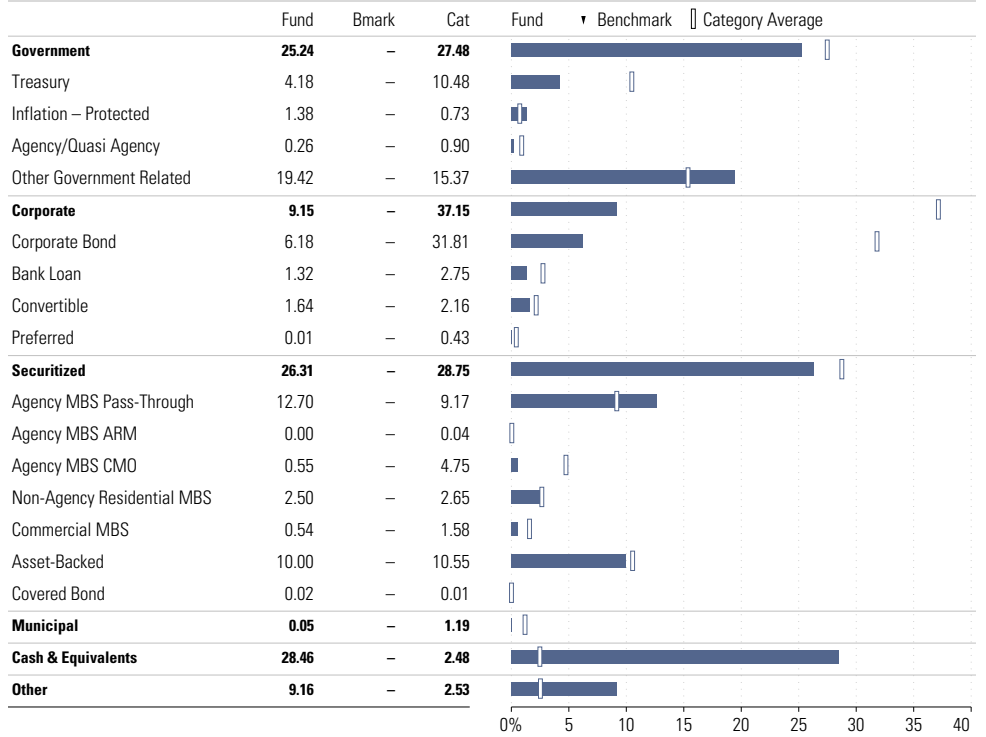


Asset Class	Net %	Cat%
US Stocks	0.50	1.84
Non-US Stocks	0.20	0.10
Bonds	112.94	103.62
Cash	-18.97	-7.92
Other	5.33	2.38
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	56.00	67.64	18.27
AA	7.00	3.23	8.61
A	4.00	10.03	8.89
BBB	14.00	10.89	24.31
BB	6.00	3.19	20.01
B	7.00	3.64	12.52
Below B	6.00	1.38	3.44
Not Rated	0.00	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
⊕ Irs Usd 0.30000 12/19/20-3y* Cme	06-2024	21.89	21.89	-
⊕ Irs Usd 0.30000 12/19/20-3y* Cme	06-2024	21.86	43.74	-
⊕ Offset: Unsettled Trades	-	20.86	64.61	-
Irs Eur -0.33000 03/18/20-2y Lch	03-2022	15.46	80.06	-
⊕ Irs Eur -0.33000 03/18/20-2y Lch	03-2022	15.44	95.50	-
⊖ Irs Jpy 0.45000 03/20/19-10y Lch	03-2029	11.28	106.78	-
⊕ Irs Jpy 0.45000 03/20/19-10y Lch	03-2029	10.87	117.65	-
✱ CashOffSet	-	9.27	126.92	-
Cirs Usd 4y Mat 3.85/2.00% M 7/2020 Dub	07-2022	8.28	135.20	-
Cirs Usd 4y Mat 3.82/2.00% M 7/2020 Glm	07-2022	8.27	143.47	-

**Total Holdings 7679**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# PIMCO International Bond (USD-Hdg) I-2 PFBPX

**Morningstar Category**  
World Bond-USD Hedged

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 6.02 years.

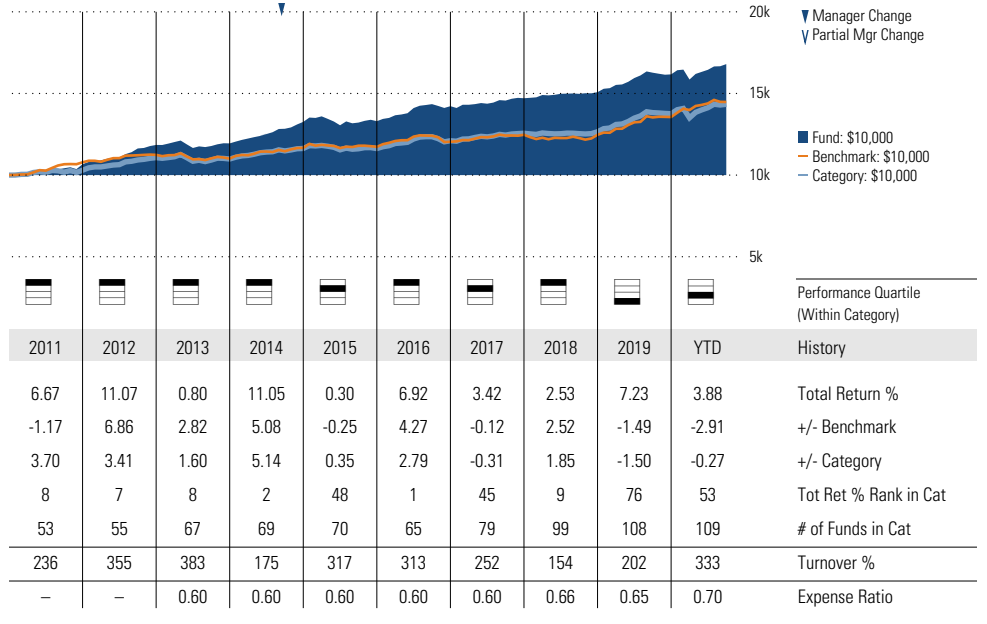
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.7 is 4.11% lower than the World Bond-USD Hedged category average.

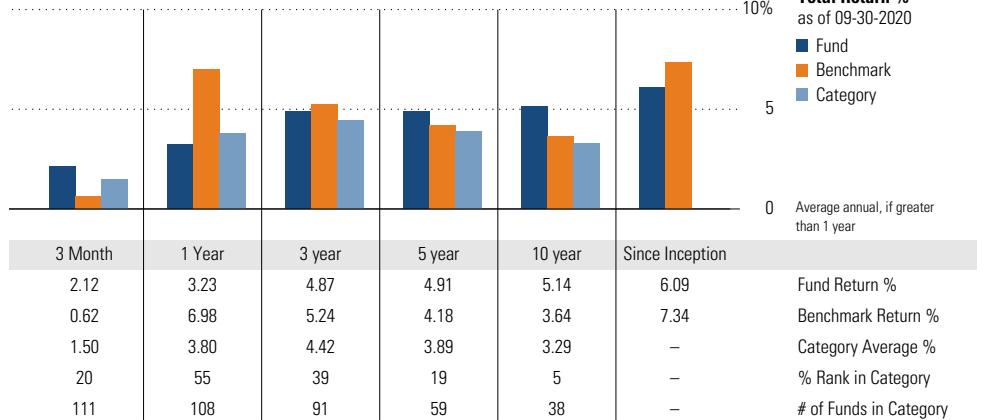
## Morningstar Investment Management LLC Analysis

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.

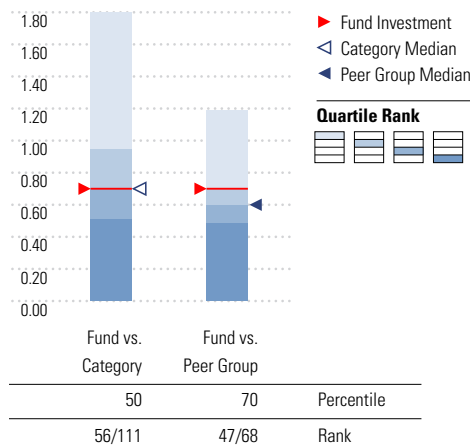
## Growth of \$10,000



## 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	-	0.33
Beta	0.57	-	0.81
R-Squared	34.43	-	43.27
Standard Deviation	3.29	3.37	4.34
Sharpe Ratio	0.98	1.07	0.69
Tracking Error	3.02	-	3.51
Information Ratio	-0.12	-	-0.25
Up Capture Ratio	74.82	-	88.83
Down Capture Ratio	33.56	-	95.44

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	8.03	4.43	5.95
Avg Eff Maturity	10.42	-	11.01

# PIMCO International Bond (USD-Hdg) I-2 PFBPX

**Morningstar Category**  
World Bond-USD Hedged

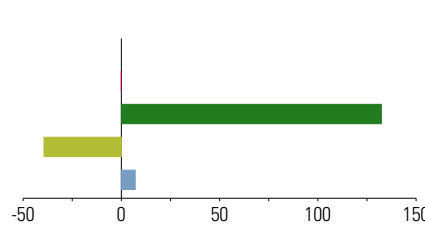
**Morningstar Index**  
BBgBarc US Agg Bond TR USD

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

**Style Breakdown**



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

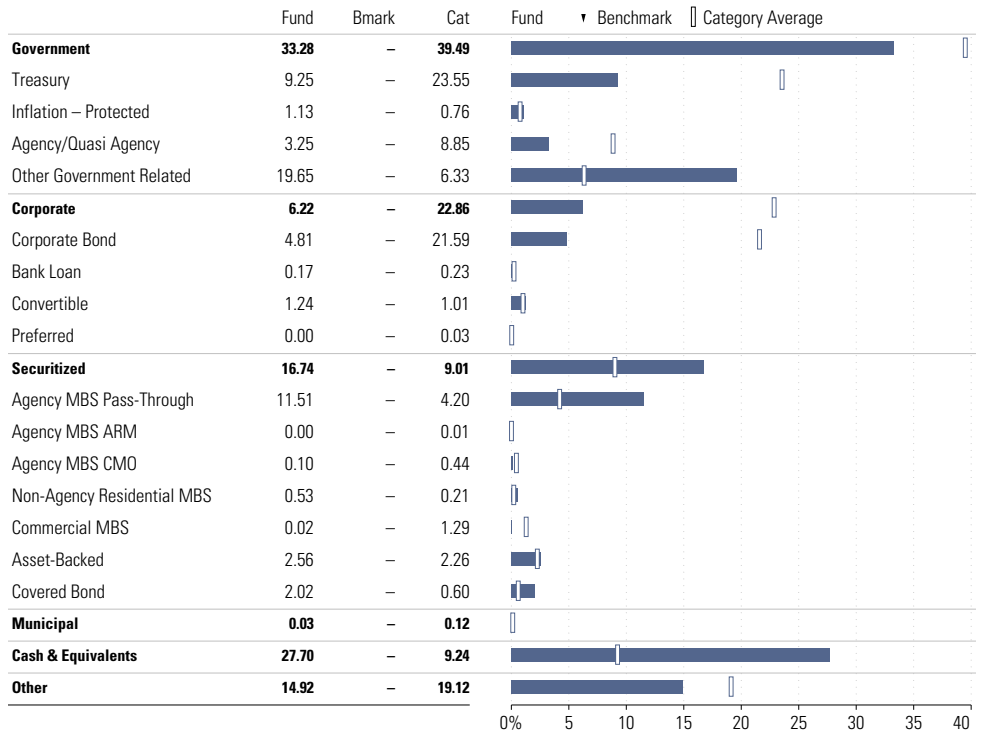


Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.03	0.03
Bonds	132.30	84.97
Cash	-39.37	13.42
Other	7.04	1.57
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Credit Rating Breakdown**

	Fund	Bmark	Cat
AAA	41.00	3.53	52.28
AA	24.00	74.59	9.84
A	8.00	10.82	17.73
BBB	20.00	8.32	17.28
BB	3.00	0.28	0.71
B	1.00	0.00	0.06
Below B	3.00	0.00	0.17
Not Rated	0.00	2.46	1.92

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



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

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊖ Offset: Unsettled Trades	-	30.27	30.27	-
⊕ Irs Usd R 3ml/1ml+9.125 03/18/21-22 Cme	03-2022	27.06	57.32	-
Irs Usd R 3ml/1ml+9.125 03/18/21-22 Cme	03-2022	27.05	84.38	-
⊕ Irs Eur -0.15000 12/15/20-5y Lch	12-2025	10.67	95.05	-
⊕ Irs Eur -0.15000 12/15/20-5y Lch	12-2025	10.56	105.61	-
⊕ CHINESE - YUAN RENMINBI (CNH)_Pay	09-2020	10.56	116.17	-
⊕ CHINESE - YUAN RENMINBI (CNH)_Receive	09-2020	10.37	126.54	-
⊕ JAPANESE YEN_Receive	08-2020	10.33	136.87	-
⊕ JAPANESE YEN_Pay	08-2020	10.16	147.03	-
⊕ Federal National Mortgage Association 4%	08-2050	8.84	155.86	-

**Total Holdings 1702**

⊕ 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.

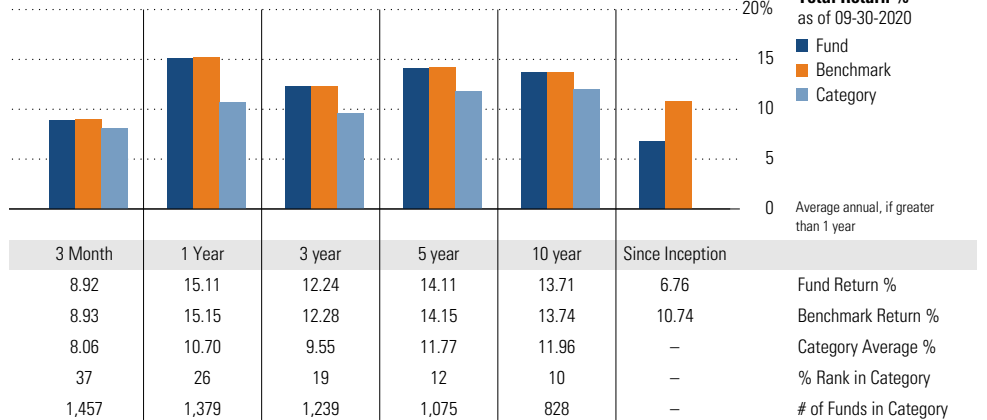
## Morningstar Investment Management LLC Analysis

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.

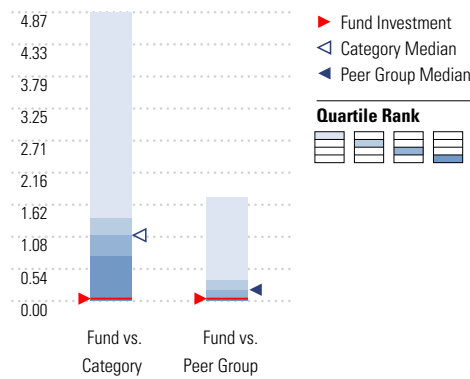
## Growth of \$10,000



## 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

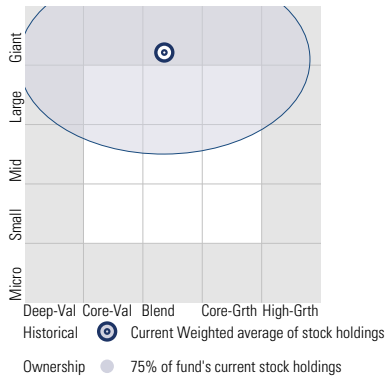
# Vanguard 500 Index Admiral VFIAX

**Morningstar Category**  
Large Blend

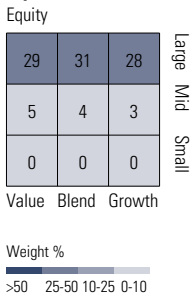
**Morningstar Index**  
S&P 500 TR USD

## Style Analysis as of 09-30-2020

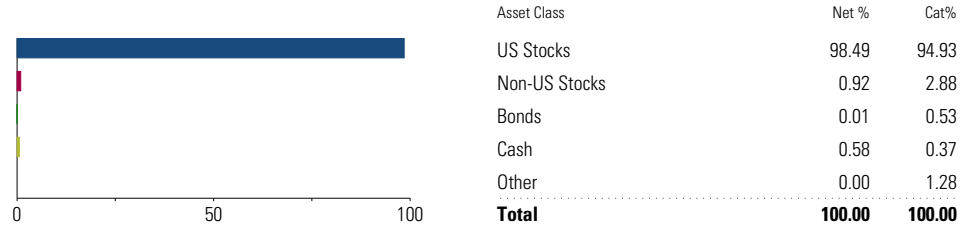
Morningstar Style Box™



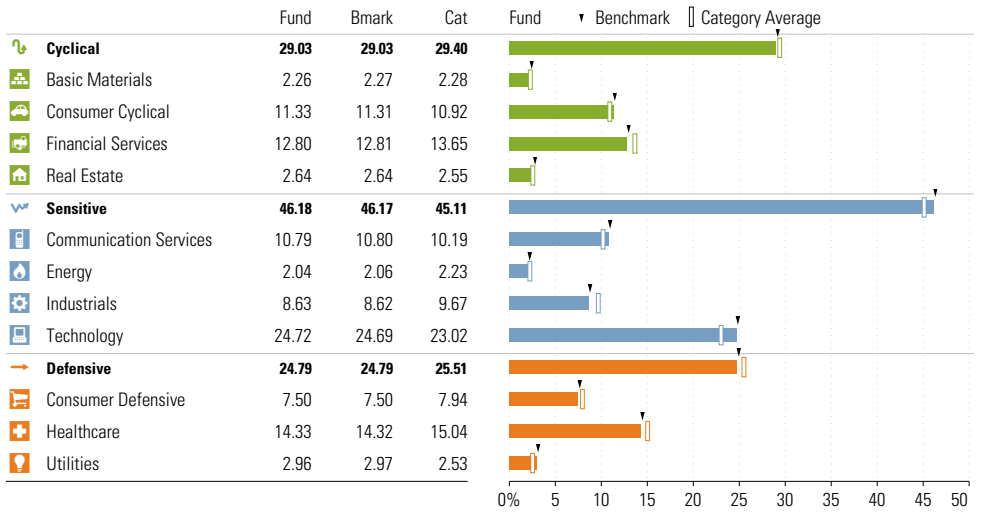
## Style Breakdown



## 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.

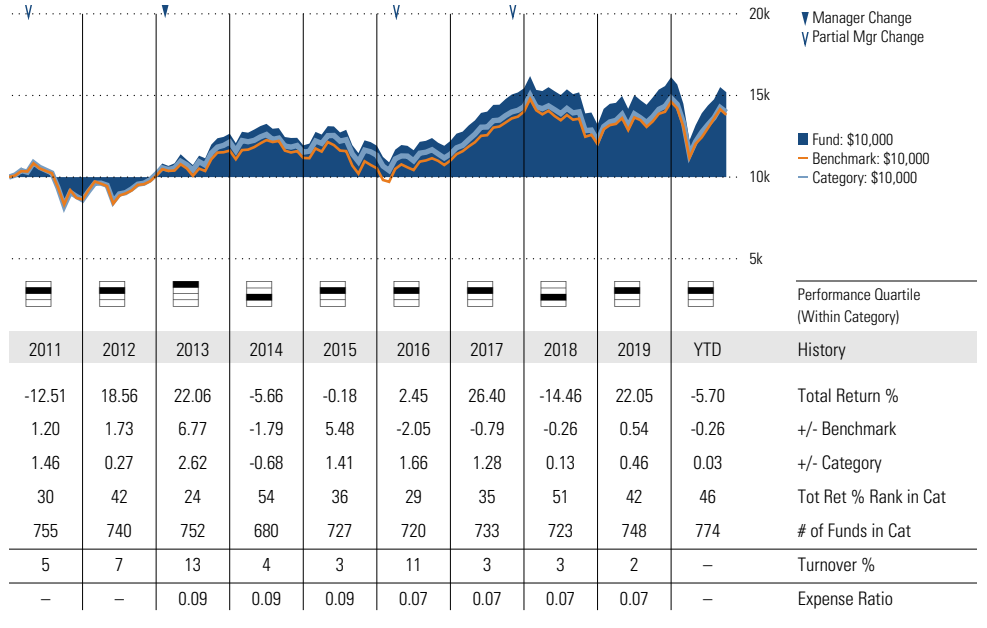
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

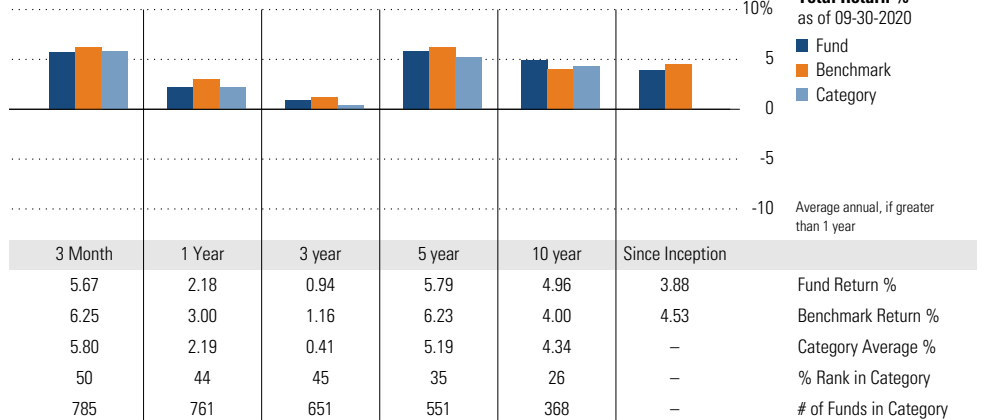
## Morningstar Investment Management LLC Analysis

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.

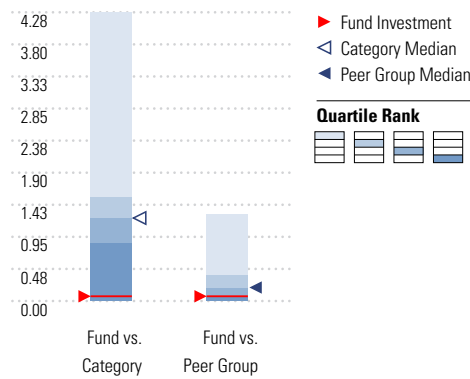
## Growth of \$10,000



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

**Morningstar Category**  
Foreign Large Growth

**Morningstar Index**  
MSCI EAFE NR USD

## Portfolio Manager(s)

James Anderson since 02-2003  
Simon Webber since 12-2009  
Thomas Coutts since 12-2016

## Quantitative Screens

✔ **Performance:** The fund has finished in the Foreign 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 17.66 years.

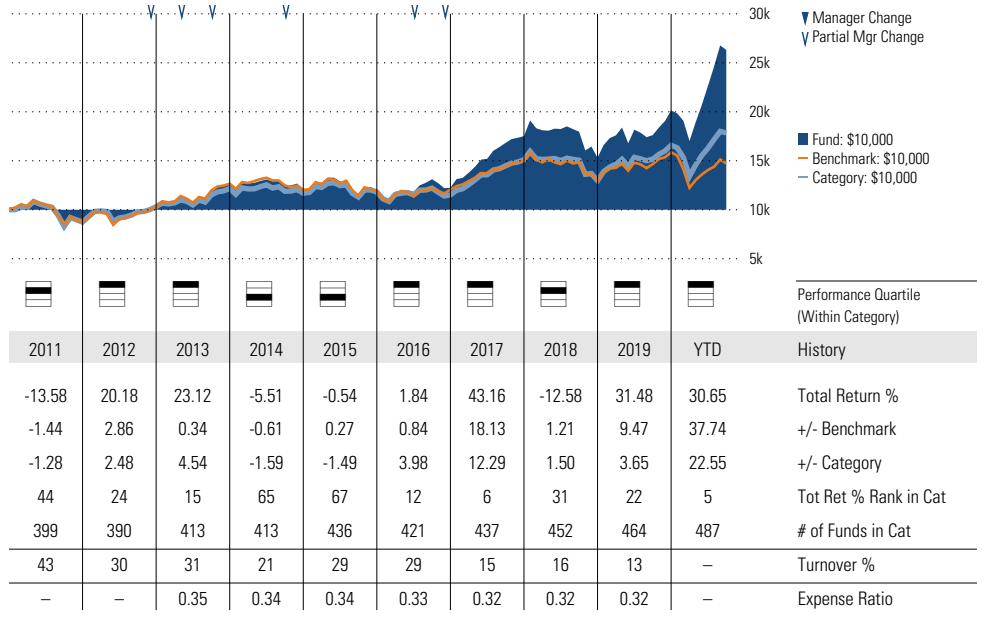
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.32 is 70.64% lower than the Foreign Large Growth category average.

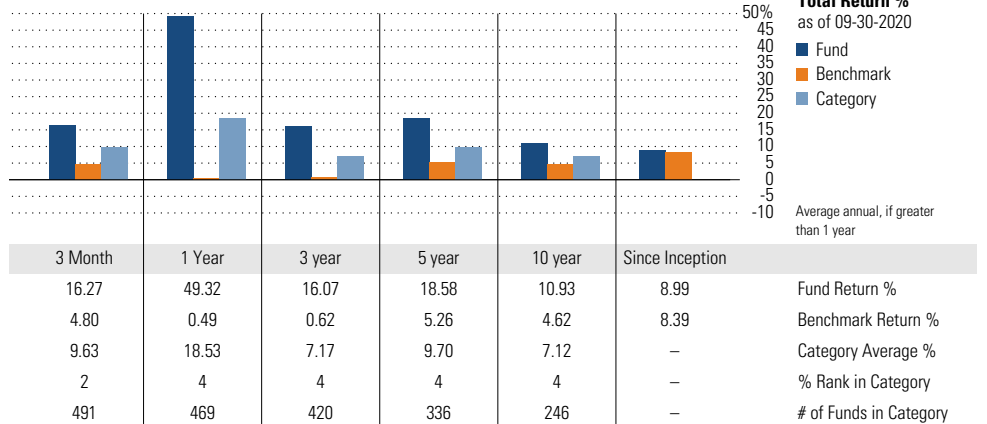
## Morningstar Investment Management LLC Analysis

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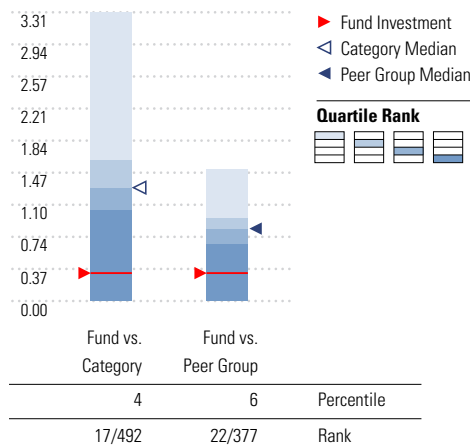
## Growth of \$10,000



## 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	14.79	-	6.53
Beta	1.15	-	0.99
R-Squared	81.76	-	-
Standard Deviation	19.73	15.45	16.45
Sharpe Ratio	0.77	0.01	0.39
Tracking Error	8.76	-	6.04
Information Ratio	1.76	-	1.09
Up Capture Ratio	154.18	-	112.94
Down Capture Ratio	86.32	-	83.01

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	28.36	19.92	27.17
Price/Book Ratio	4.04	1.54	3.47
Geom Avg Mkt Cap \$B	73.44	36.00	51.10
ROE	13.89	12.77	16.53

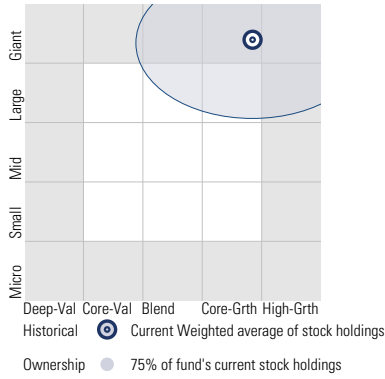
# Vanguard International Growth Adm VWILX

**Morningstar Category**  
Foreign Large Growth

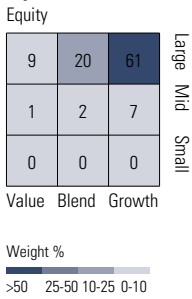
**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 09-30-2020

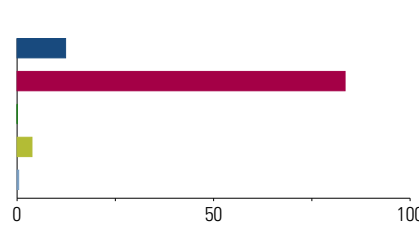
Morningstar Style Box™



## Style Breakdown

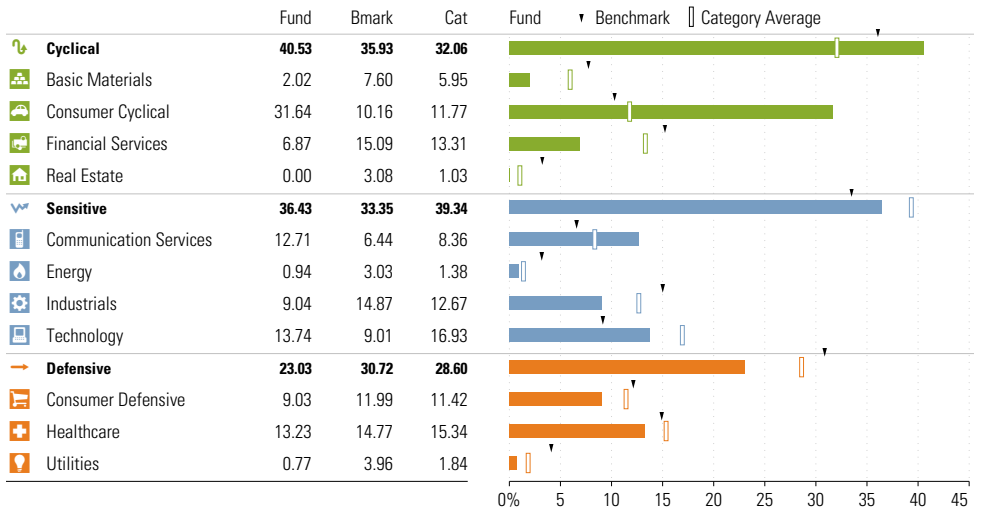


## Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	12.34	7.02
Non-US Stocks	83.45	89.91
Bonds	0.04	-0.01
Cash	3.78	2.55
Other	0.40	0.54
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020



## World Regions % Equity 09-30-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	34.93	32.77	Americas	17.89	12.36	Greater Europe	47.18	54.86	Developed Markets	75.01
Japan	9.71	13.77	North America	13.36	10.45	United Kingdom	5.76	10.50	Emerging Markets	24.99
Australasia	0.04	1.77	Central/Latin	4.53	1.91	W euro-ex UK	40.67	42.96	Not Available	0.00
Asia-4 Tigers	4.72	6.25				Emrgng Europe	0.00	0.39		
Asia-ex 4 Tigers	20.46	10.98				Africa	0.75	1.01		
Not Classified	0.00	0.00								

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

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Tencent Holdings Ltd	5.96	5.96	36.50	Communication Svc
ASML Holding NV	5.63	11.59	19.85	Technology
Alibaba Group Holding Ltd ADR	5.14	16.73	38.60	Consumer Cyclical
⊖ Tesla Inc	4.96	21.69	412.77	Consumer Cyclical
⊕ MercadoLibre Inc	3.98	25.67	89.26	Consumer Cyclical
⊕ Vanguard Market Liquidity Inv	3.70	29.36	—	—
⊖ Amazon.com Inc	2.65	32.01	70.40	Consumer Cyclical
TAL Education Group ADR	2.64	34.65	57.76	Consumer Defensive
Spotify Technology SA	2.61	37.27	62.20	Communication Svc
M3 Inc	2.36	39.63	96.93	Healthcare

**Total Holdings 130**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard International Value Inv VTRIX

**Morningstar Category**  
Foreign Large Value

**Morningstar Index**  
MSCI EAFE NR USD

## Portfolio Manager(s)

Michael Bennett since 05-2010  
 Michael Fry since 05-2010  
 A. Krishna since 08-2012  
 Steven Morrow since 08-2012  
 Arjun Kumar since 10-2020  
 Shirley Woo since 10-2020

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 12.38 years.

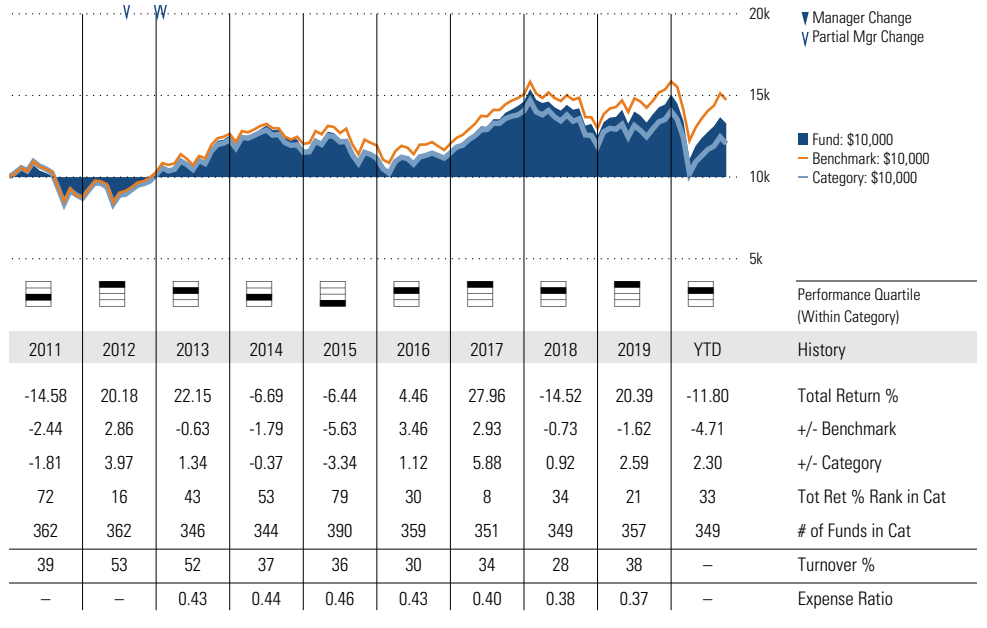
✗ **Style:** The fund has landed in its primary style box — Large Value — 45.45 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.37 is 65.09% lower than the Foreign Large Value category average.

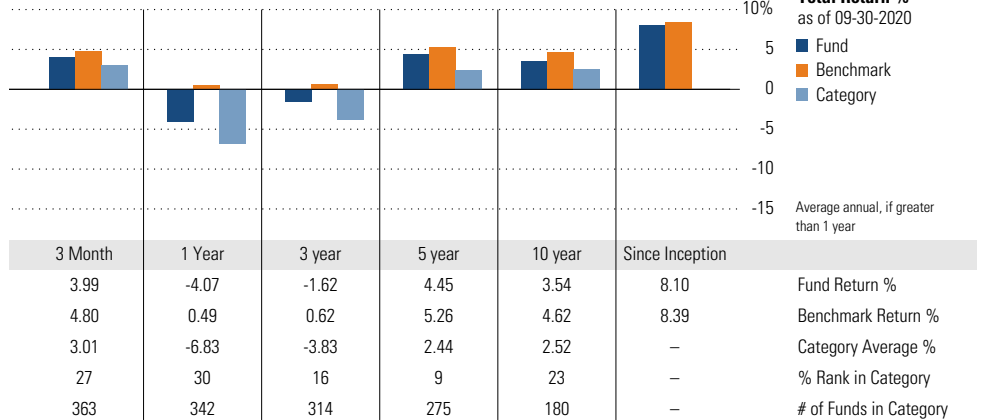
## Morningstar Investment Management LLC Analysis

This foreign large value fund fails our style consistency screen owing to its occasional drift into the blend portion of the style box. However, the movement has been minor and the fund still pursues a value-oriented strategy.

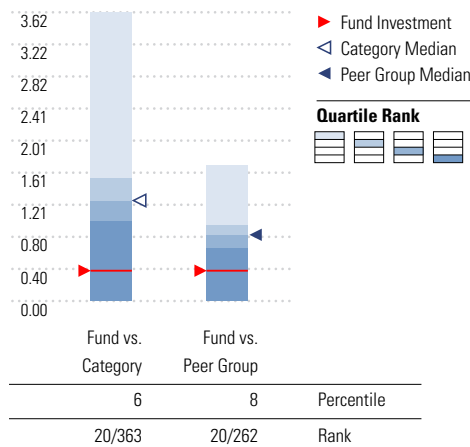
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-2.13	-	-4.56
Beta	1.07	-	1.10
R-Squared	96.54	-	93.16
Standard Deviation	16.89	15.45	17.57
Sharpe Ratio	-0.11	0.01	-0.23
Tracking Error	3.35	-	4.99
Information Ratio	-0.67	-	-1.01
Up Capture Ratio	99.42	-	95.81
Down Capture Ratio	109.96	-	118.15

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	15.87	19.92	14.64
Price/Book Ratio	1.22	1.54	1.00
Geom Avg Mkt Cap \$B	34.01	36.00	29.55
ROE	13.12	12.77	9.40

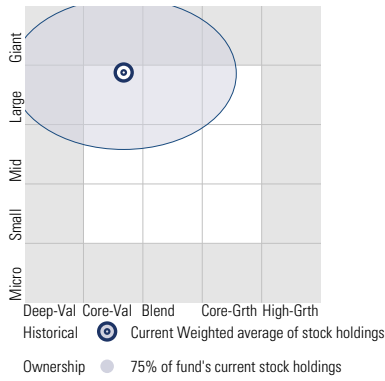
# Vanguard International Value Inv VTRIX

**Morningstar Category**  
Foreign Large Value

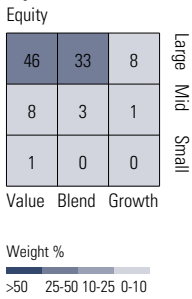
**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 09-30-2020

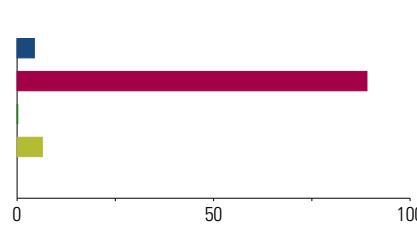
Morningstar Style Box™



## Style Breakdown

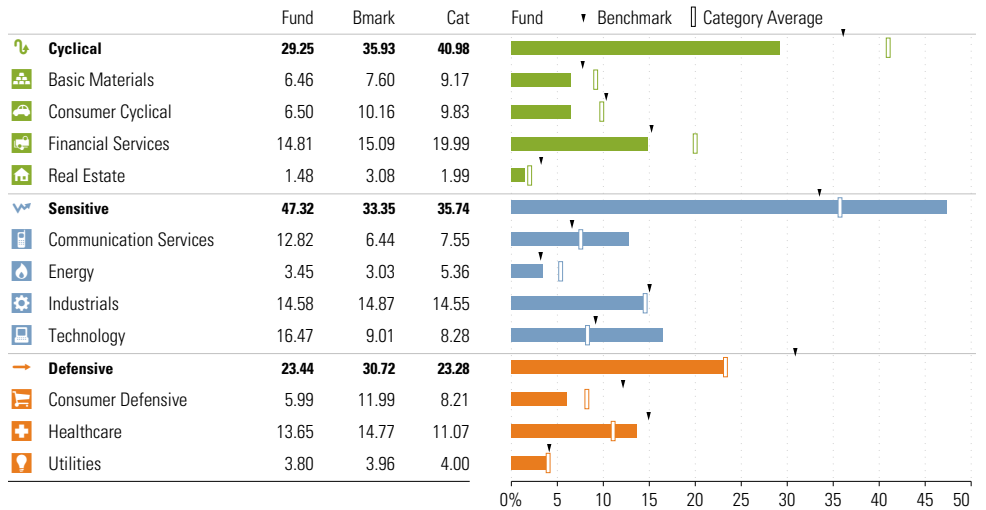


## Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	4.39	3.62
Non-US Stocks	89.02	94.66
Bonds	0.17	0.24
Cash	6.42	1.40
Other	0.00	0.09
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020



## World Regions % Equity 09-30-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	37.27	33.75	Americas	8.02	6.09	Greater Europe	54.71	60.16	Developed Markets	88.85
Japan	16.84	19.08	North America	6.13	5.29	United Kingdom	12.79	16.23	Emerging Markets	11.15
Australasia	0.54	3.05	Central/Latin	1.89	0.80	W euro-ex UK	40.88	43.05	Not Available	0.00
Asia-4 Tigers	11.68	7.74				Emrgng Europe	0.29	0.40		
Asia-ex 4 Tigers	8.21	3.88				Africa	0.75	0.48		
Not Classified	0.00	0.00								

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

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Market Liquidity Inv	6.37	6.37	-	-
⊖ Novartis AG	2.72	9.09	-9.84	Healthcare
⊖ Sanofi SA	2.47	11.55	-1.27	Healthcare
⊕ Samsung Electronics Co Ltd	2.31	13.87	-	Technology
⊖ Tesco PLC	1.83	15.70	-14.18	Consumer Defensive
⊖ Panasonic Corp	1.61	17.31	-11.24	Technology
⊖ SAP SE	1.55	18.86	11.65	Technology
Sony Corp	1.53	20.39	9.20	Technology
⊖ Fresenius Medical Care AG & Co. KGaA	1.48	21.87	11.01	Healthcare
Samsung SDI Co Ltd	1.47	23.34	-	Technology

**Total Holdings 159**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard Mid-Cap Growth Index Admiral VMGMX

**Morningstar Category**  
Mid-Cap Growth

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

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

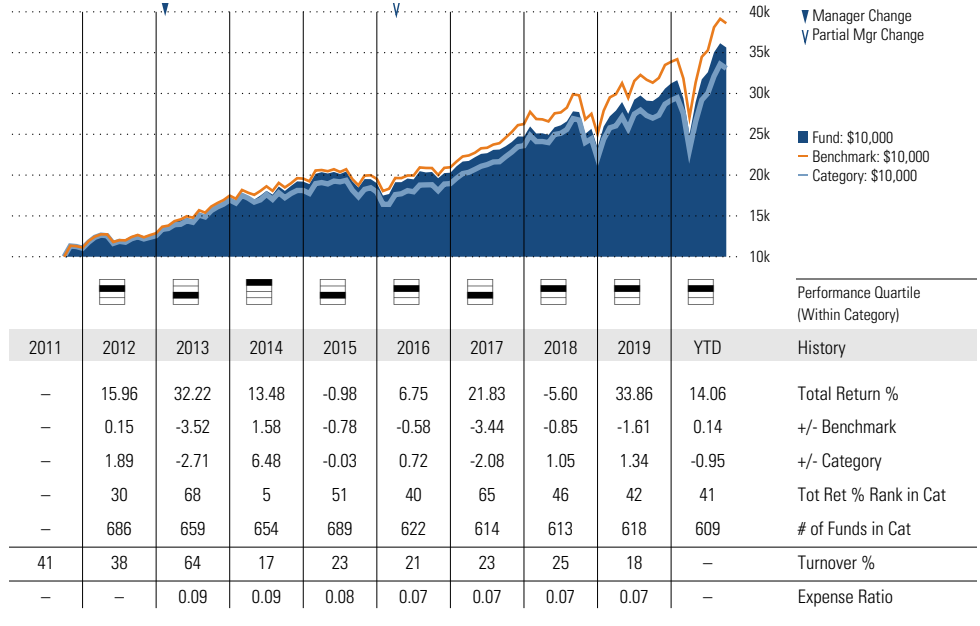
✔ **Style:** The fund has landed in its primary style box — Mid-Cap Growth — 100 % of the time over the past three years.

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

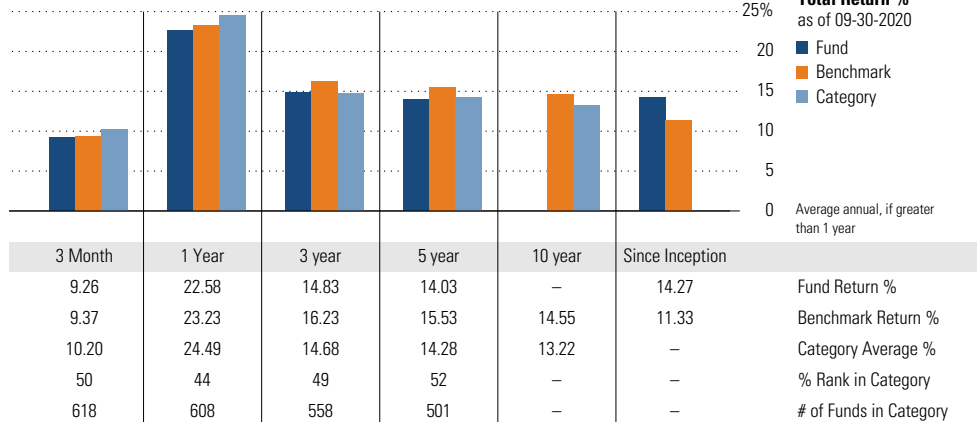
## Morningstar Investment Management LLC Analysis

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

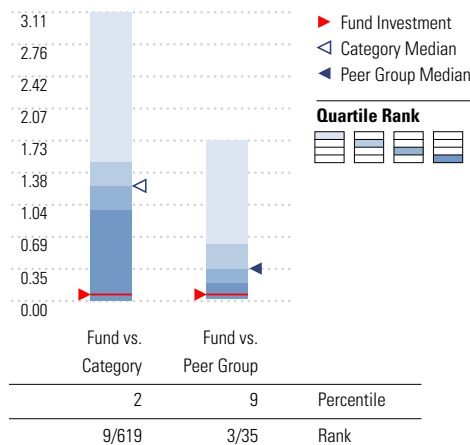
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

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

## Portfolio Metrics

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

# Vanguard Mid-Cap Growth Index Admiral VMGMX

Morningstar Category

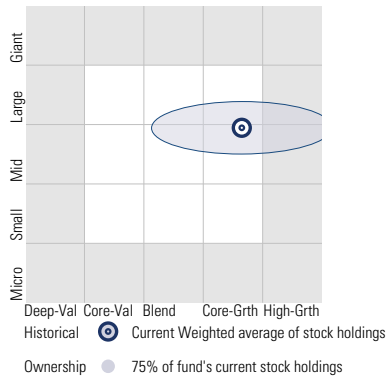
Mid-Cap Growth

Morningstar Index

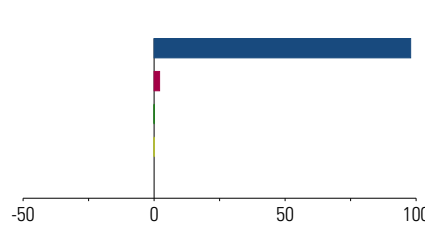
Russell Mid Cap Growth TR USD

## Style Analysis as of 09-30-2020

Morningstar Style Box™

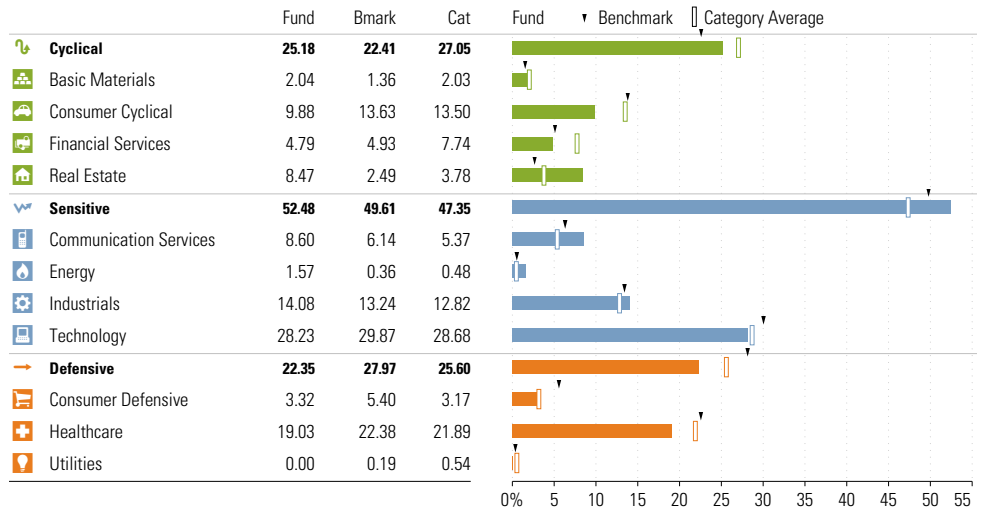


## Asset Allocation as of 09-30-2020



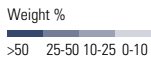
Asset Class	Net %	Cat%
US Stocks	97.92	90.18
Non-US Stocks	2.10	6.45
Bonds	0.01	0.03
Cash	-0.03	2.92
Other	0.00	0.42
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020



## Style Breakdown

Equity			
Value	Blend	Growth	
0	14	27	Large
2	22	34	Mid
0	0	0	Small



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

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

Total Holdings 160

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Mid-Cap Value Index Admiral VMVAX

**Morningstar Category**  
Mid-Cap Value

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

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

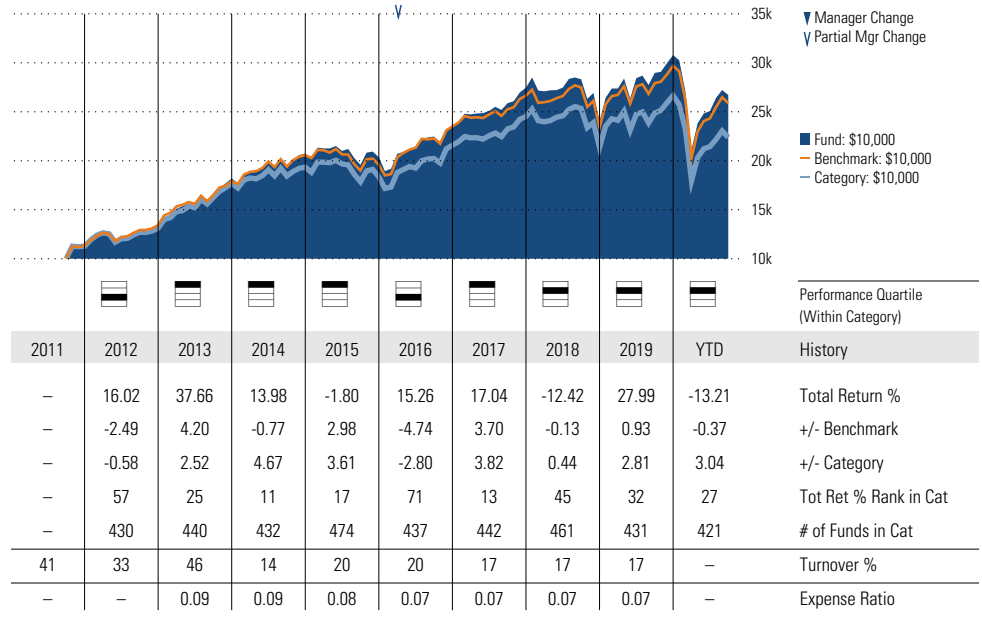
✔ **Style:** The fund has landed in its primary style box — Mid-Cap Value — 100 % of the time over the past three years.

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

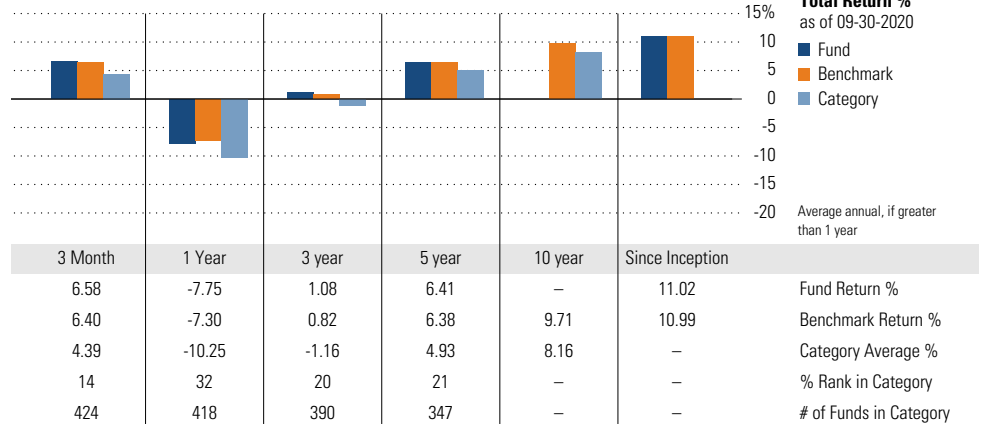
## Morningstar Investment Management LLC Analysis

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.

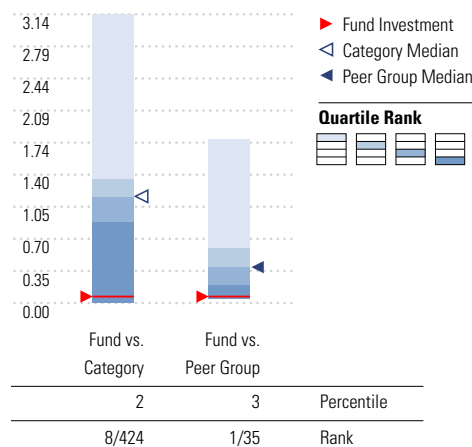
## Growth of \$10,000



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

## Portfolio Metrics

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

# Vanguard Mid-Cap Value Index Admiral VMVAX

Morningstar Category

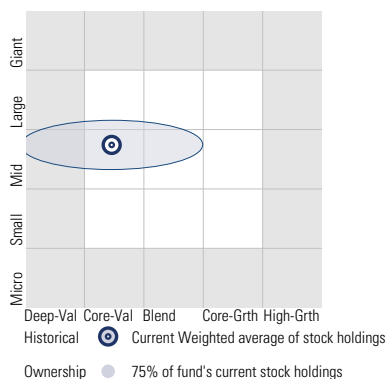
Mid-Cap Value

Morningstar Index

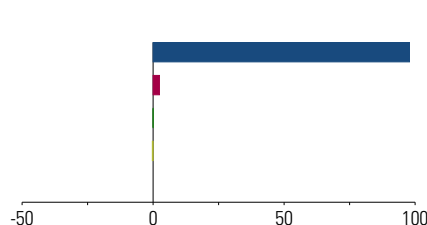
Russell Mid Cap Value TR USD

## Style Analysis as of 09-30-2020

Morningstar Style Box™



## Asset Allocation as of 09-30-2020

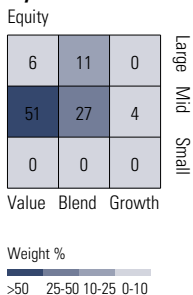


Asset Class	Net %	Cat%
US Stocks	97.86	91.72
Non-US Stocks	2.42	5.80
Bonds	0.02	0.07
Cash	-0.29	1.86
Other	0.00	0.54
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020

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

## Style Breakdown



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

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

Total Holdings 210

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Real Estate Index Admiral VGSLX

**Morningstar Category**  
Real Estate

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

## Portfolio Manager(s)

Gerard O'Reilly since 05-1996

Walter Nejman since 05-2016

## Quantitative Screens

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

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

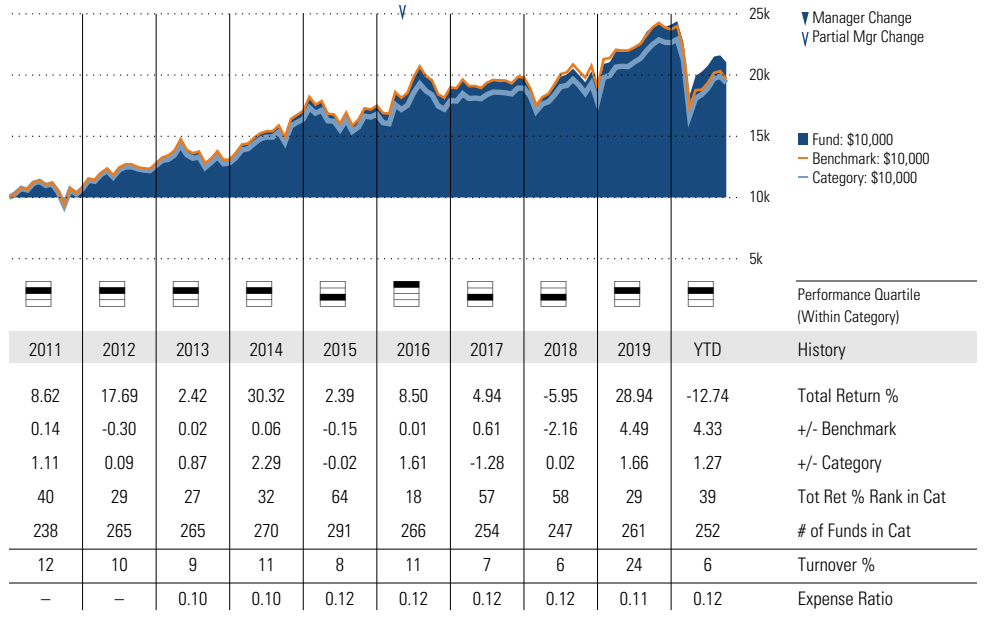
✔ **Style:** The fund has landed in its primary style box — Mid-Cap Blend — 100 % of the time over the past three years.

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

## Morningstar Investment Management LLC Analysis

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.

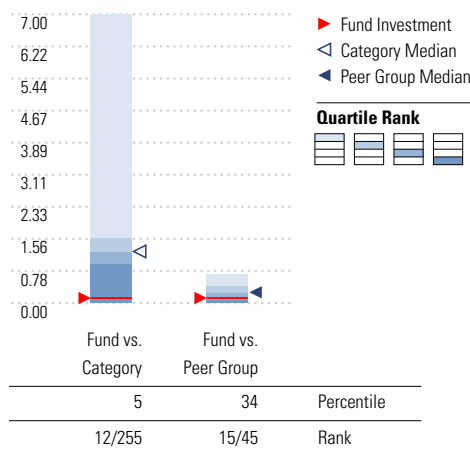
## Growth of \$10,000



## 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

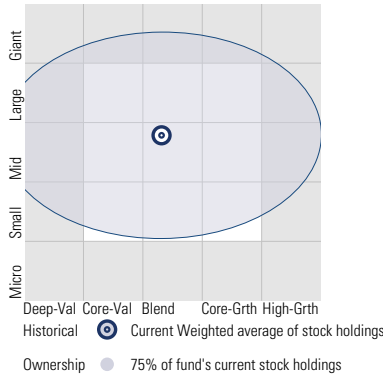
	Fund	Bmark	Cat
Price/Earnings Ratio	30.57	38.46	30.38
Price/Book Ratio	2.28	2.42	2.41
Geom Avg Mkt Cap \$B	17.62	9.35	19.62
ROE	11.89	9.56	12.16

# Vanguard Real Estate Index Admiral VGSLX

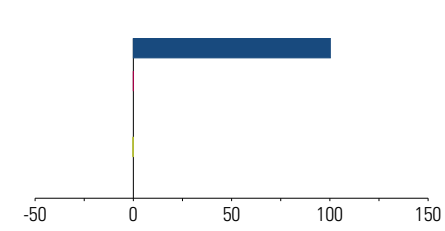
**Morningstar Category**  
Real Estate

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

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

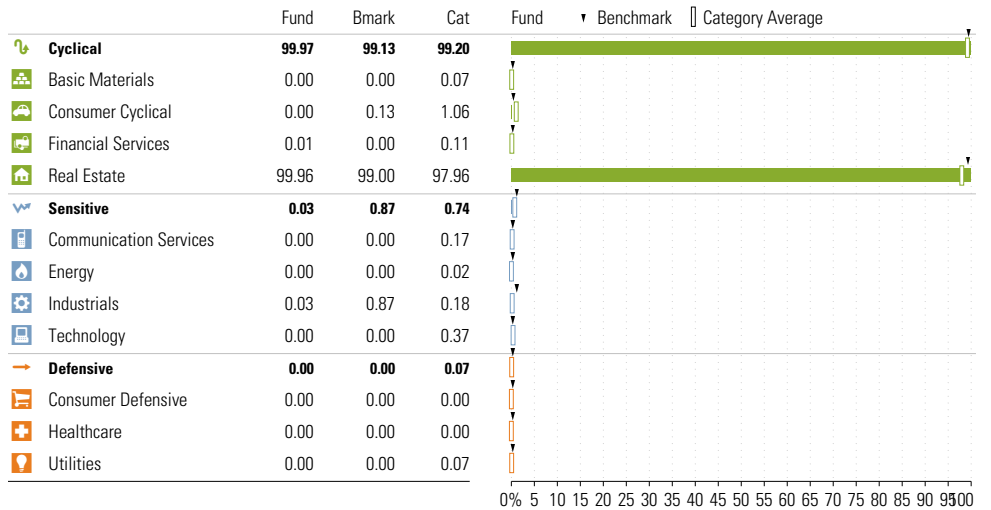


**Asset Allocation** as of 09-30-2020



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.

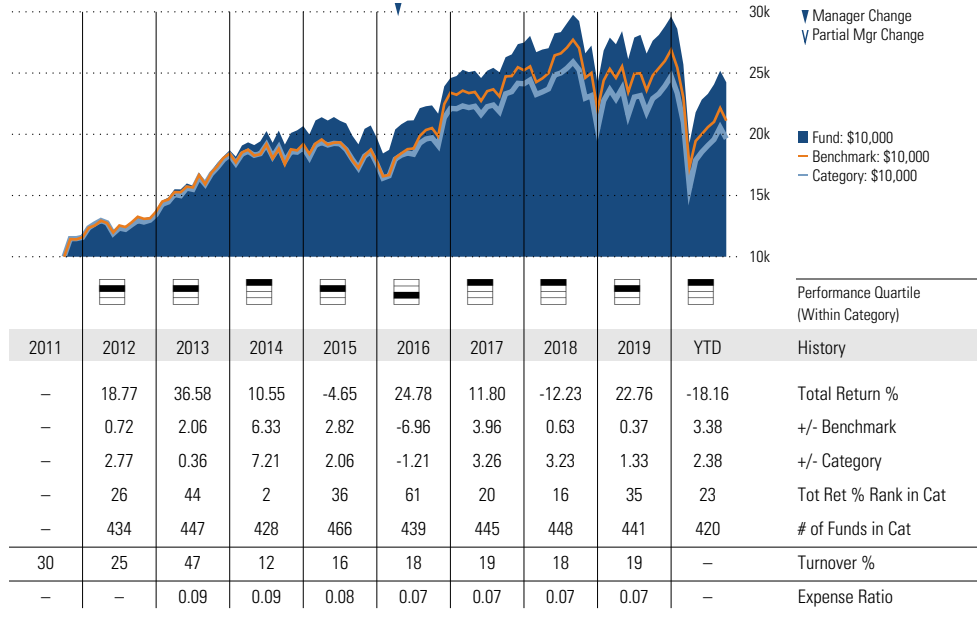
✘ **Style:** The fund has landed in its primary style box — Small Value — 48.57 % of the time over the past three years.

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

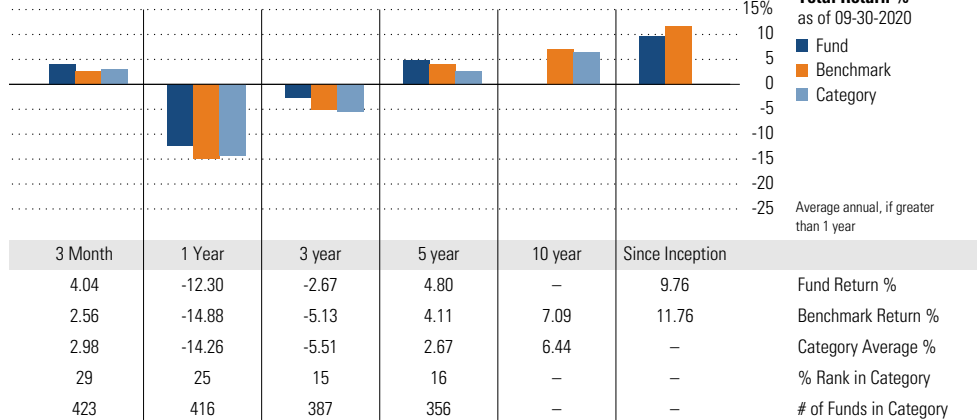
## Morningstar Investment Management LLC Analysis

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

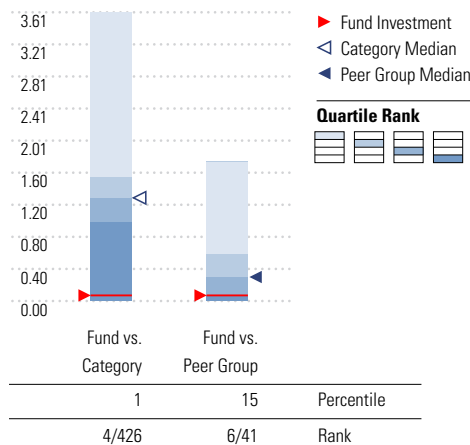
## Growth of \$10,000



## 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

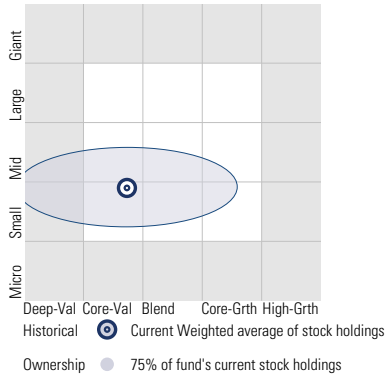
# Vanguard Small Cap Value Index Admiral VSIAX

**Morningstar Category**  
Small Value

**Morningstar Index**  
Russell 2000 Value TR USD

## Style Analysis as of 09-30-2020

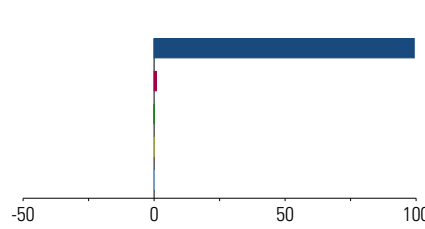
Morningstar Style Box™



## Style Breakdown

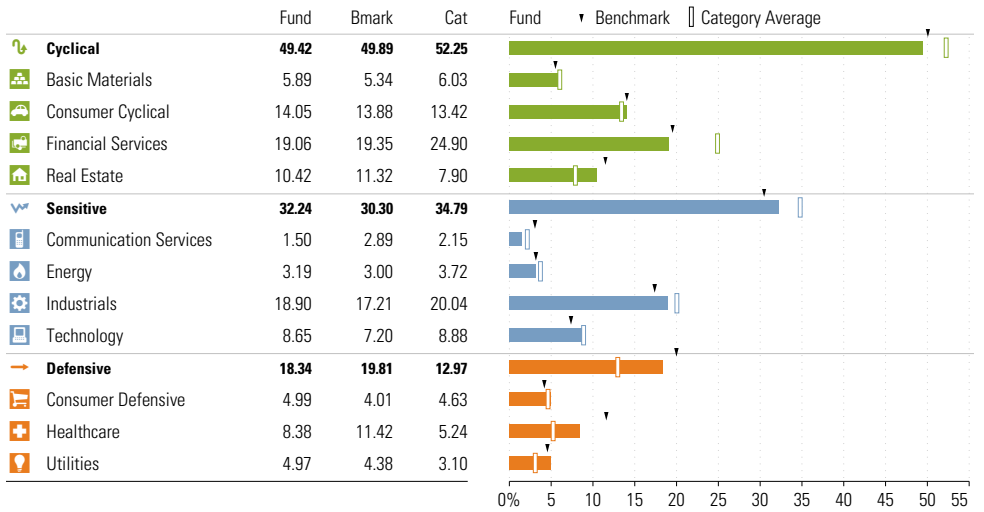


## Asset Allocation as of 09-30-2020



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



## 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.

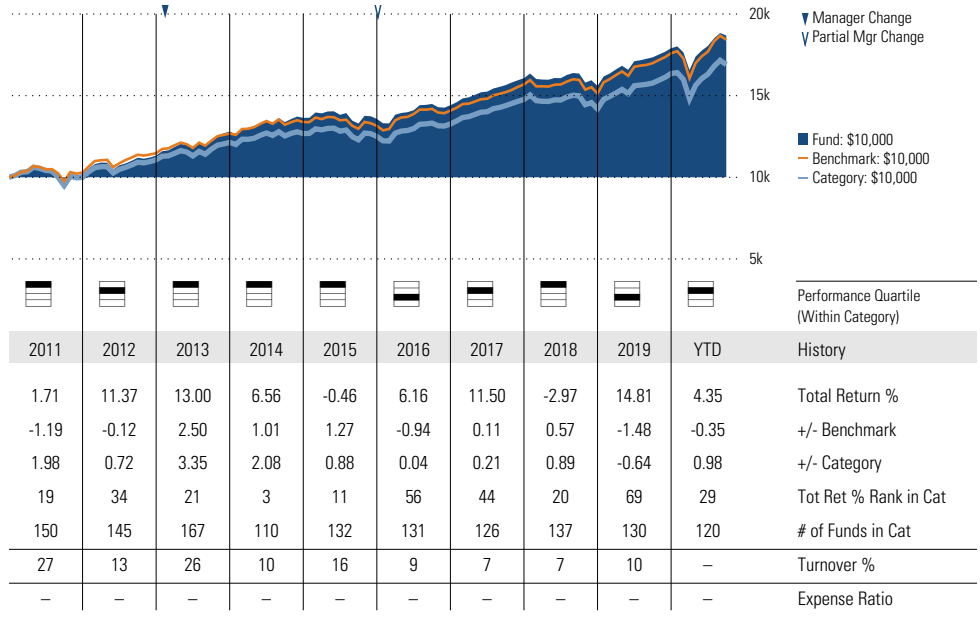
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **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.

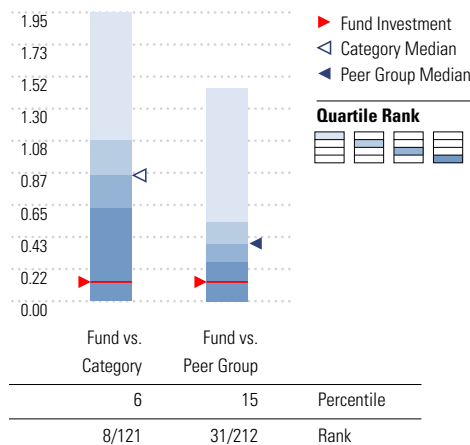
## Growth of \$10,000



## 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

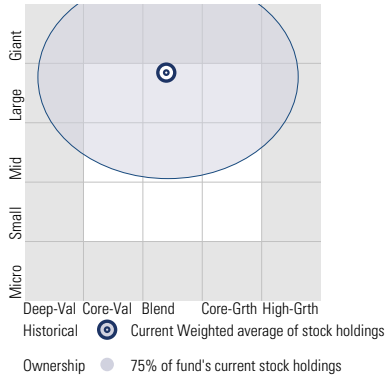
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	21.59	21.47	21.78
Price/Book Ratio	2.18	2.16	2.33
Avg Eff Duration	6.12	8.07	4.46

# Vanguard Target Retirement 2015 Inv VTXVX

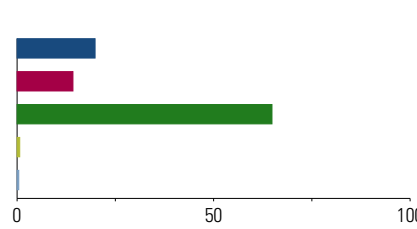
**Morningstar Category**  
Target-Date 2015

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

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

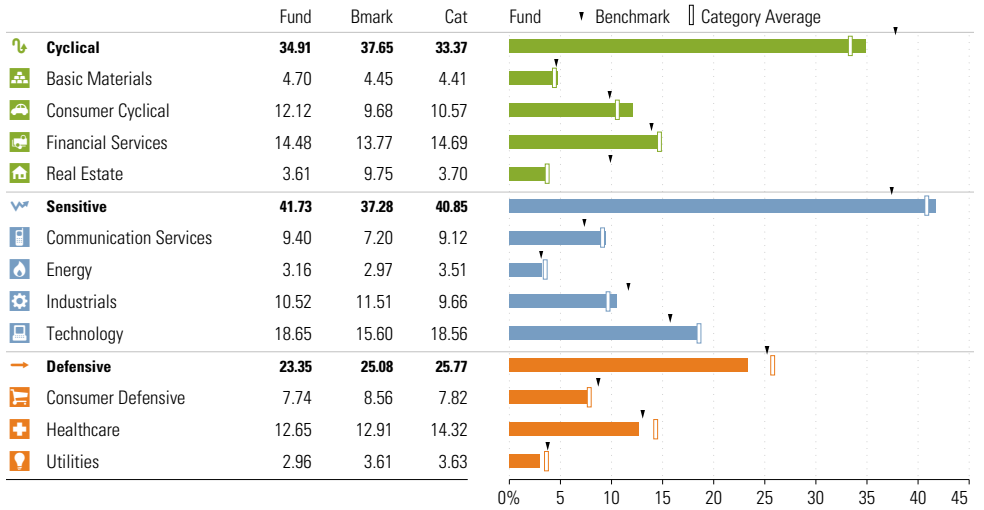


**Asset Allocation** as of 09-30-2020

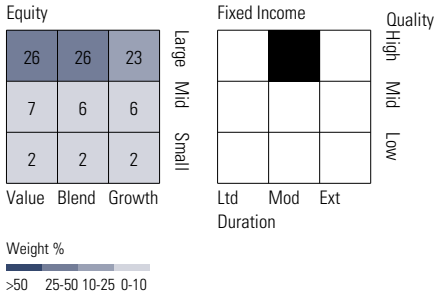


Asset Class	Net %	Cat%
US Stocks	19.84	25.69
Non-US Stocks	14.21	15.42
Bonds	64.85	49.08
Cash	0.67	5.74
Other	0.42	4.08
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

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



**Style Breakdown**



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

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

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Target Retirement 2020 Inv VTWNX

**Morningstar Category**  
Target-Date 2020

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

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

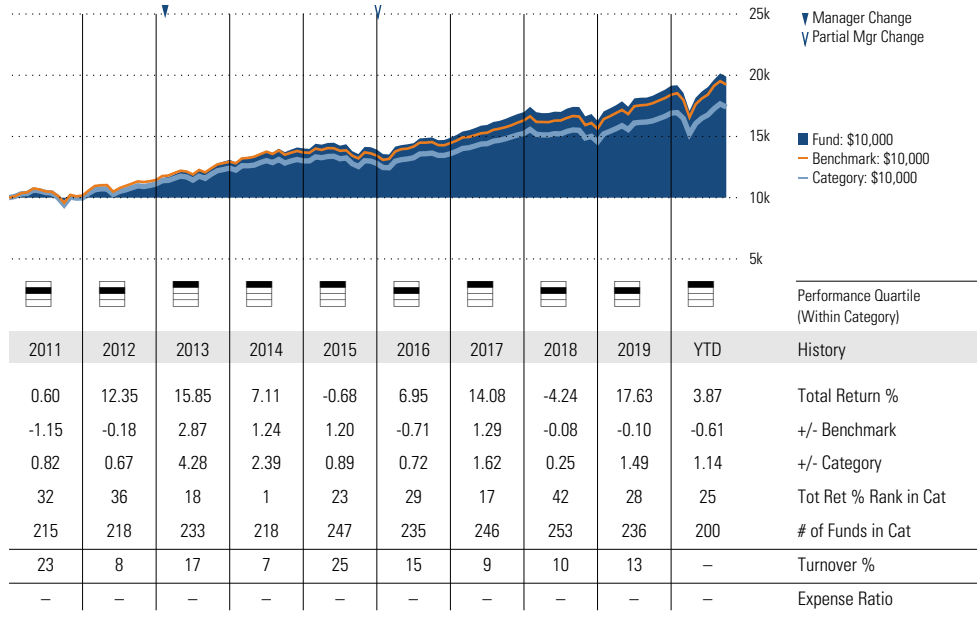
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

## Morningstar Investment Management LLC Analysis

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

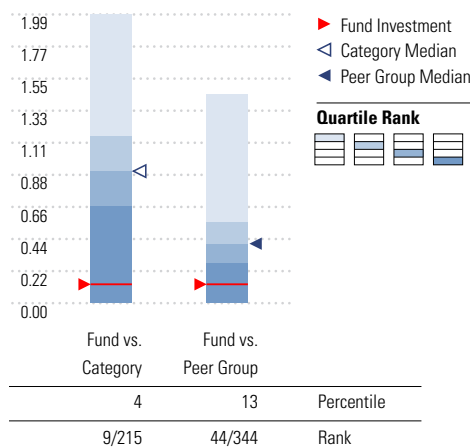
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

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

## Portfolio Metrics

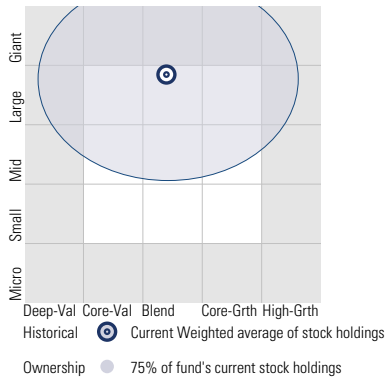
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	21.65	21.33	22.48
Price/Book Ratio	2.19	2.13	2.37
Avg Eff Duration	6.38	9.25	5.13

# Vanguard Target Retirement 2020 Inv VTWNX

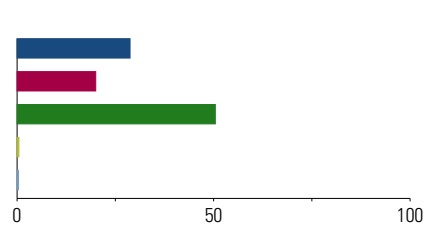
**Morningstar Category**  
Target-Date 2020

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

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

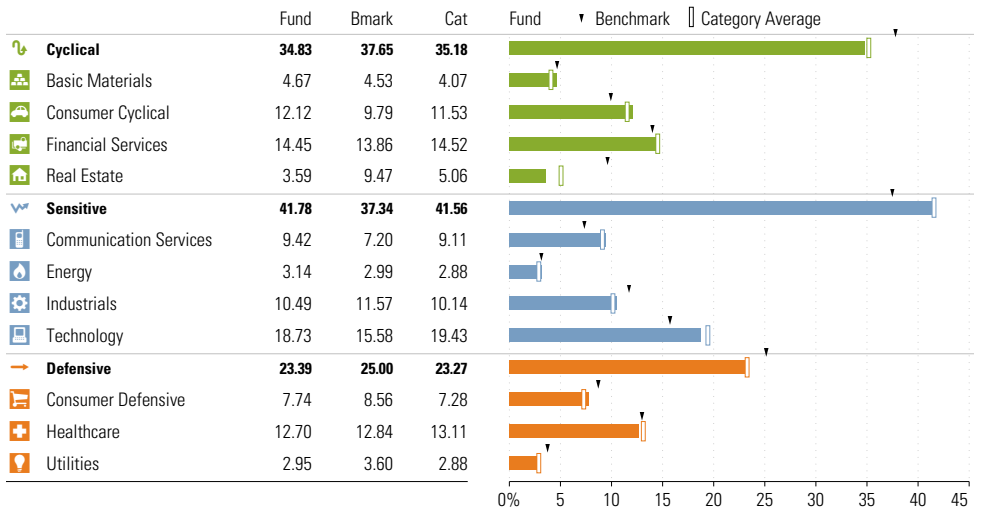


**Asset Allocation** as of 09-30-2020

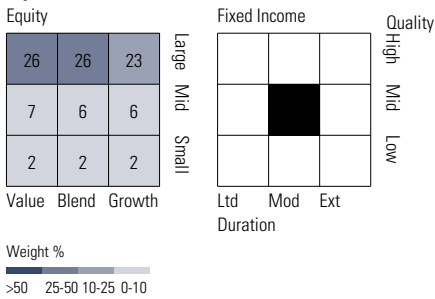


Asset Class	Net %	Cat%
US Stocks	28.74	27.34
Non-US Stocks	20.01	14.95
Bonds	50.43	45.94
Cash	0.45	5.14
Other	0.36	6.63
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

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



**Style Breakdown**



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

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

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2025 Inv VTTVX

**Morningstar Category**  
Target-Date 2025

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

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

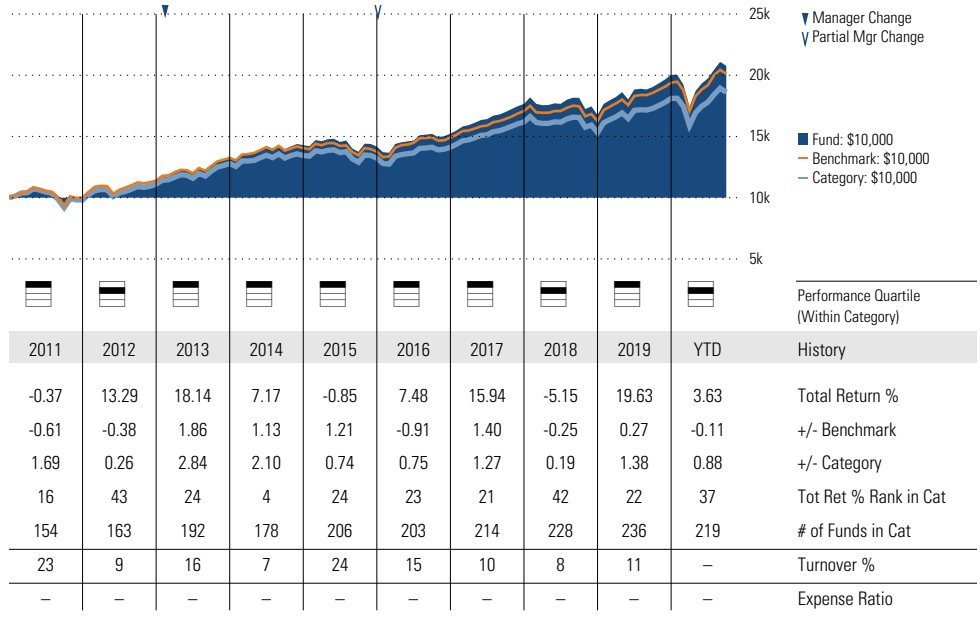
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.13 is 81.69% lower than the Target-Date 2025 category average.

## Morningstar Investment Management LLC Analysis

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

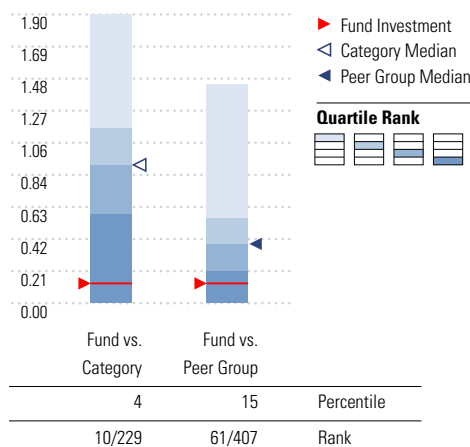
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

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

## Portfolio Metrics

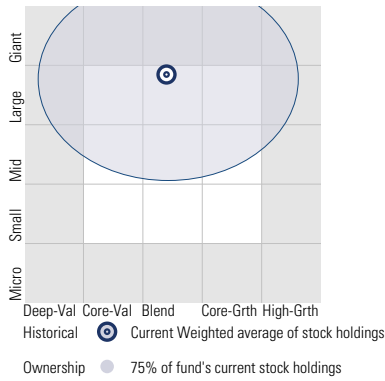
	Fund	Bmark	Cat
Price/Earnings Ratio	21.69	21.19	22.45
Price/Book Ratio	2.20	2.11	2.38
Avg Eff Duration	7.01	10.19	5.85

# Vanguard Target Retirement 2025 Inv VTTVX

**Morningstar Category**  
Target-Date 2025

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

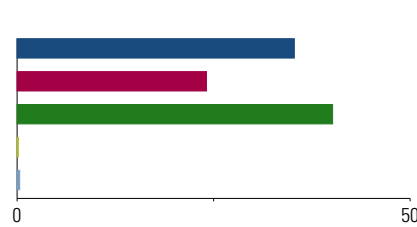
**Style Analysis** as of 09-30-2020  
Morningstar Style Box™



**Style Breakdown**

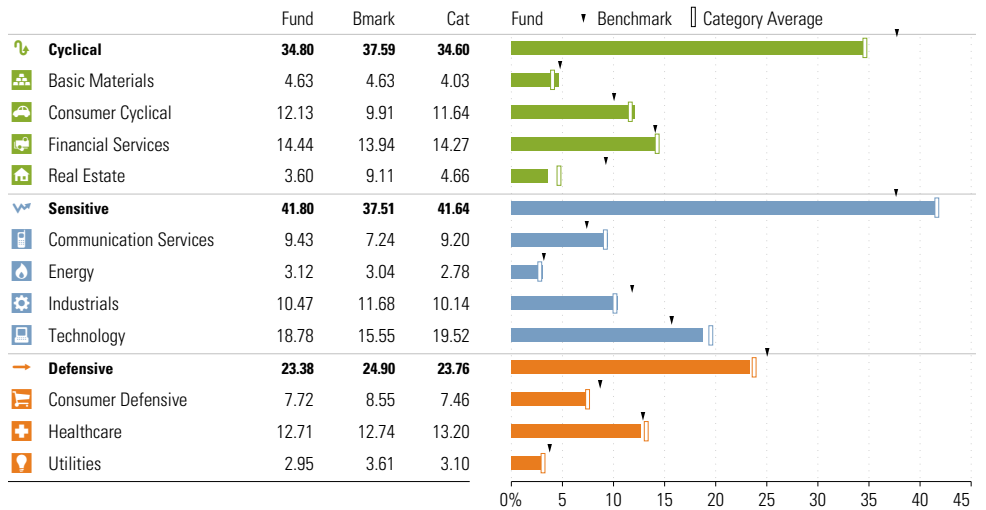


**Asset Allocation** as of 09-30-2020



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

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



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

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

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2030 Inv VTHRX

**Morningstar Category**  
Target-Date 2030

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

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

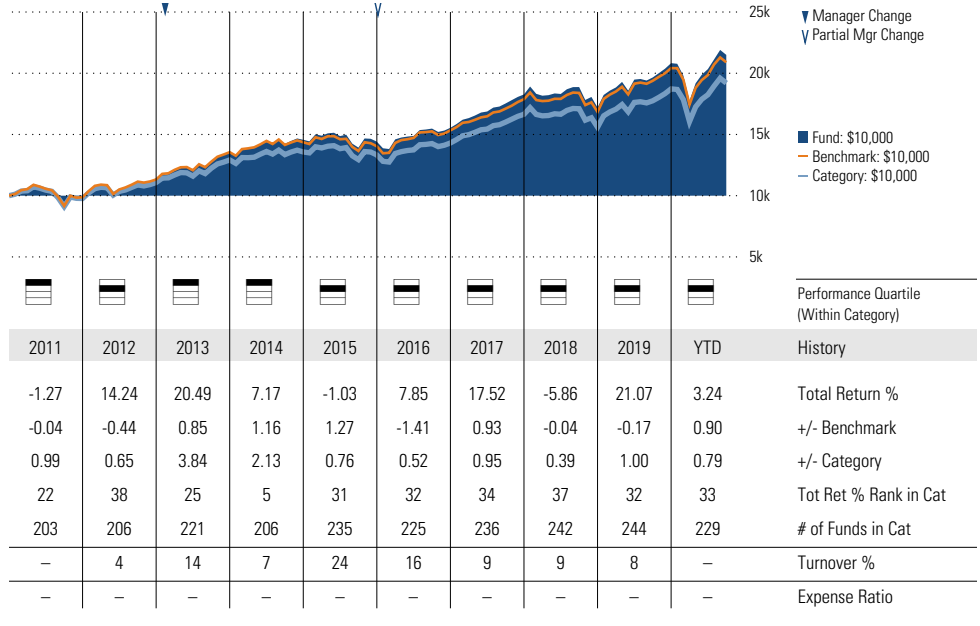
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

## Morningstar Investment Management LLC Analysis

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

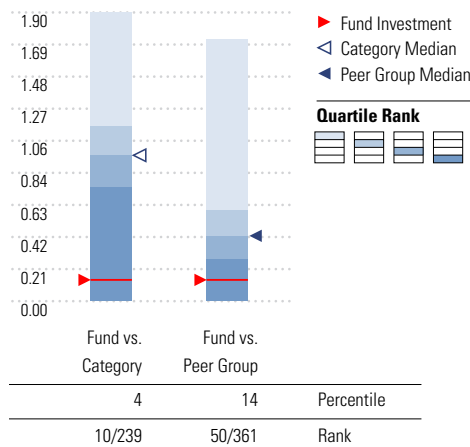
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

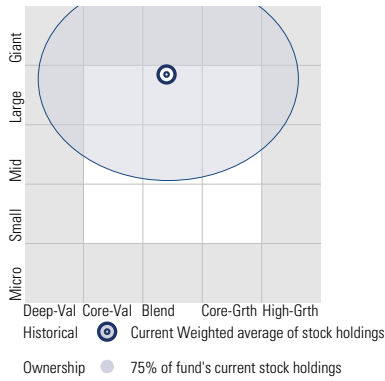
	Fund	Bmark	Cat
Price/Earnings Ratio	21.72	21.04	22.45
Price/Book Ratio	2.20	2.09	2.38
Avg Eff Duration	7.07	10.91	5.92

# Vanguard Target Retirement 2030 Inv VTHR

**Morningstar Category**  
Target-Date 2030

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

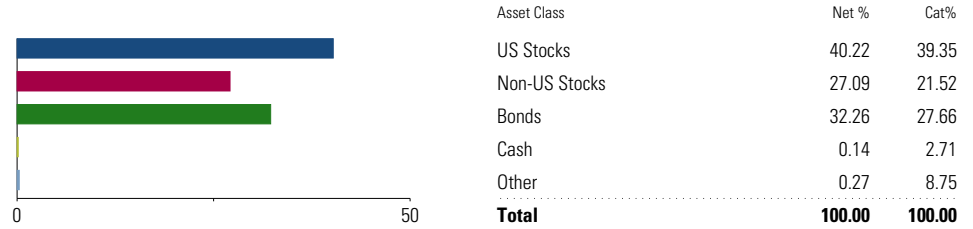
**Style Analysis** as of 09-30-2020  
Morningstar Style Box™



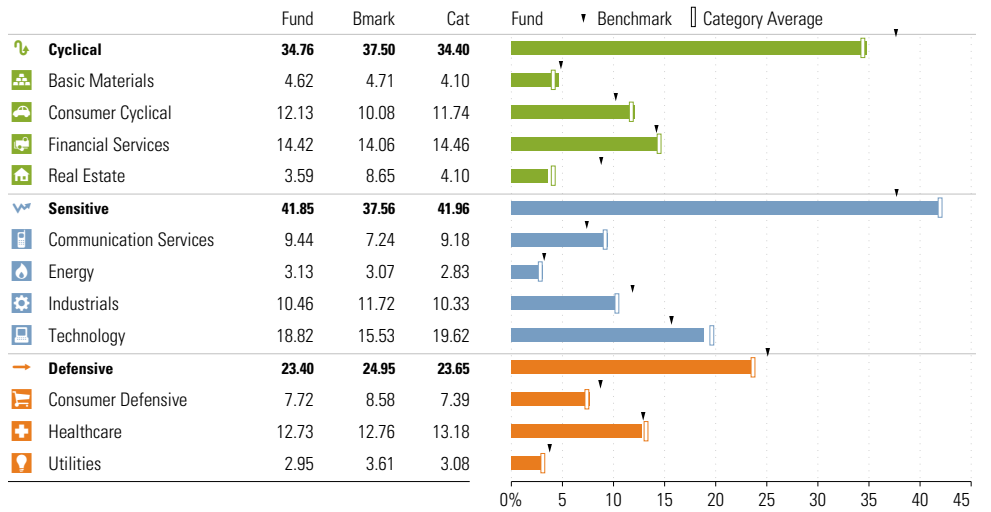
**Style Breakdown**



**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.

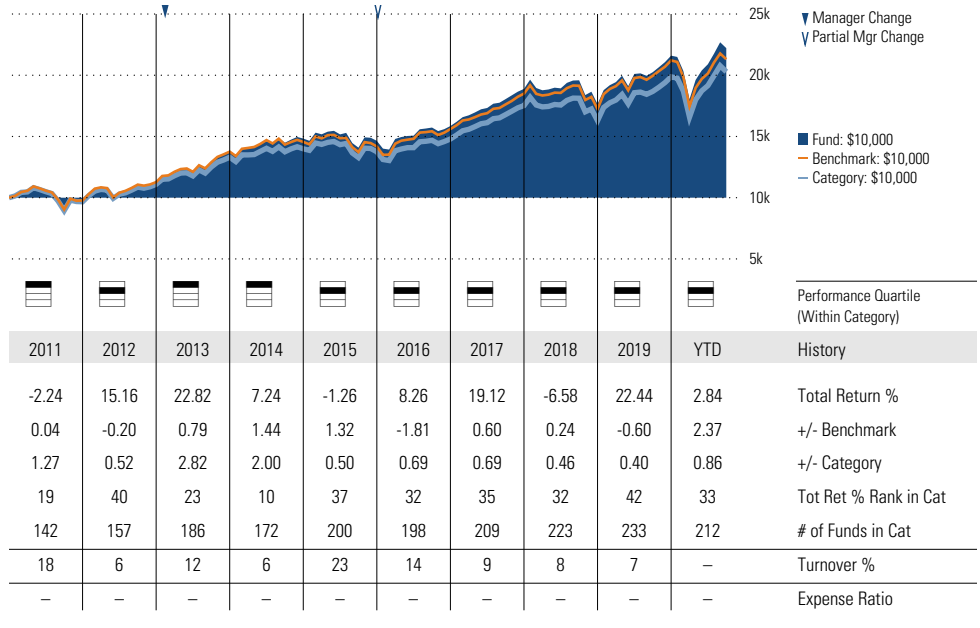
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **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.

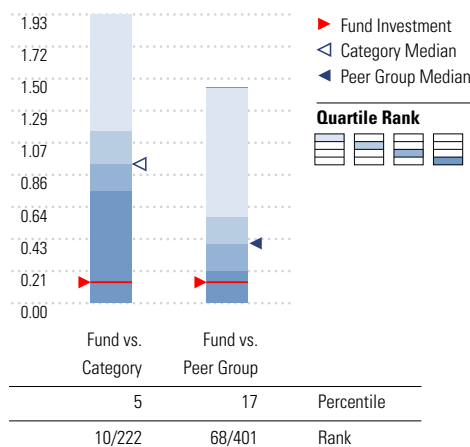
## Growth of \$10,000



## 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

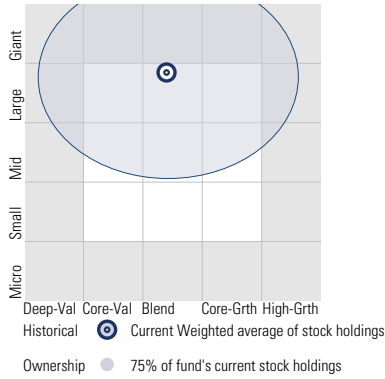
	Fund	Bmark	Cat
Price/Earnings Ratio	21.71	20.89	22.35
Price/Book Ratio	2.20	2.07	2.36
Avg Eff Duration	7.06	11.20	6.04

# Vanguard Target Retirement 2035 Inv VTTHX

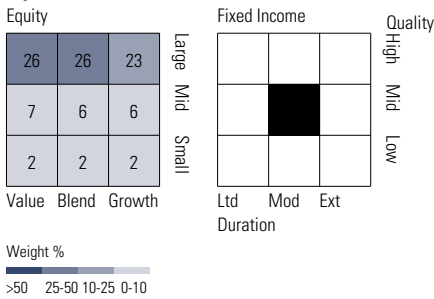
**Morningstar Category**  
Target-Date 2035

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

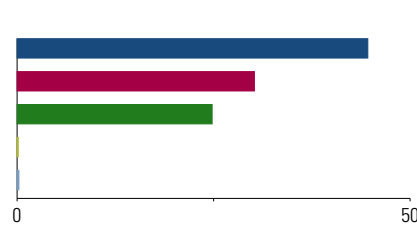
**Style Analysis** as of 09-30-2020  
Morningstar Style Box™



**Style Breakdown**

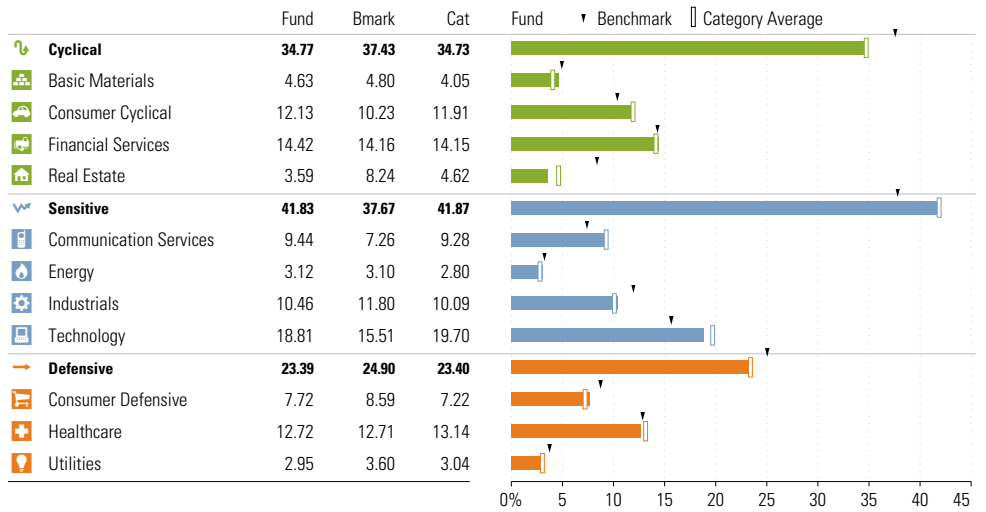


**Asset Allocation** as of 09-30-2020



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.

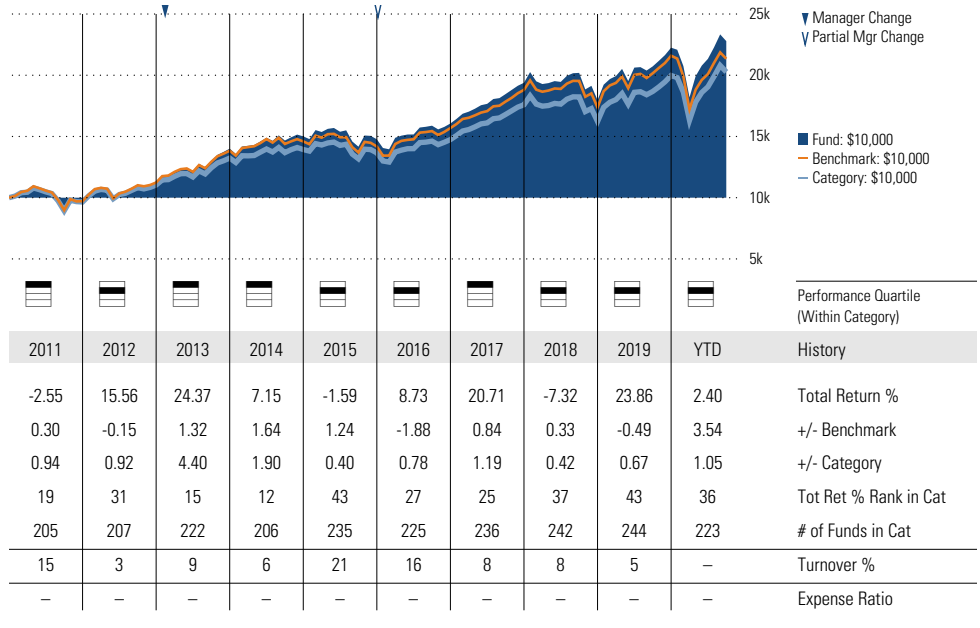
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **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.

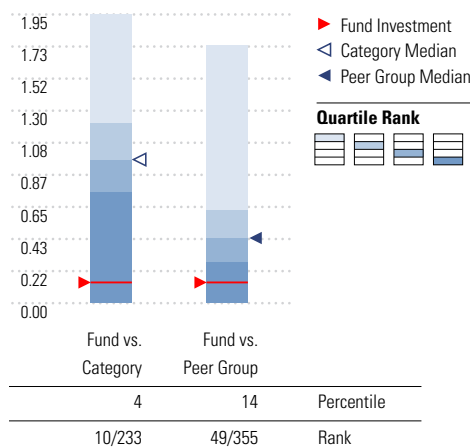
## Growth of \$10,000



## 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

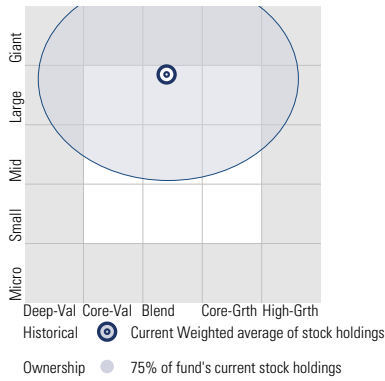
	Fund	Bmark	Cat
Price/Earnings Ratio	21.73	20.78	22.30
Price/Book Ratio	2.21	2.05	2.35
Avg Eff Duration	7.06	11.40	6.29

# Vanguard Target Retirement 2040 Inv VFORX

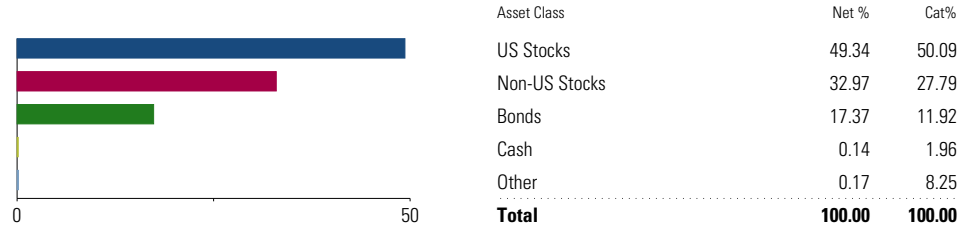
**Morningstar Category**  
Target-Date 2040

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

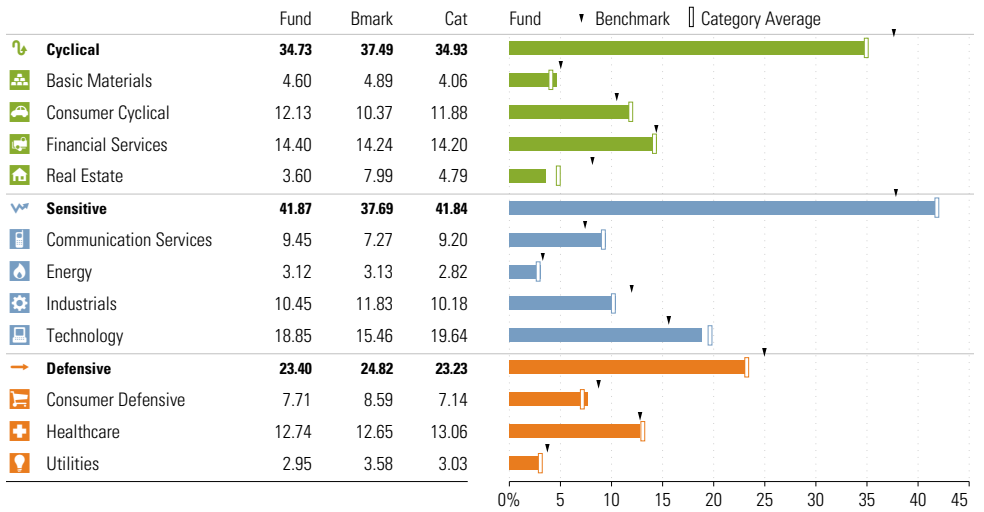
**Style Analysis** as of 09-30-2020  
Morningstar Style Box™



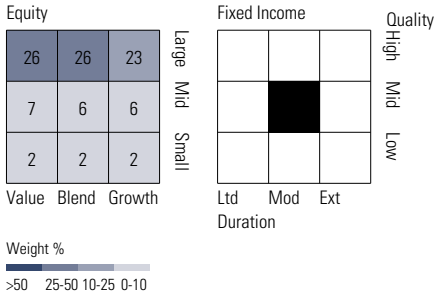
**Asset Allocation** as of 09-30-2020



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



**Style Breakdown**



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

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	-	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.

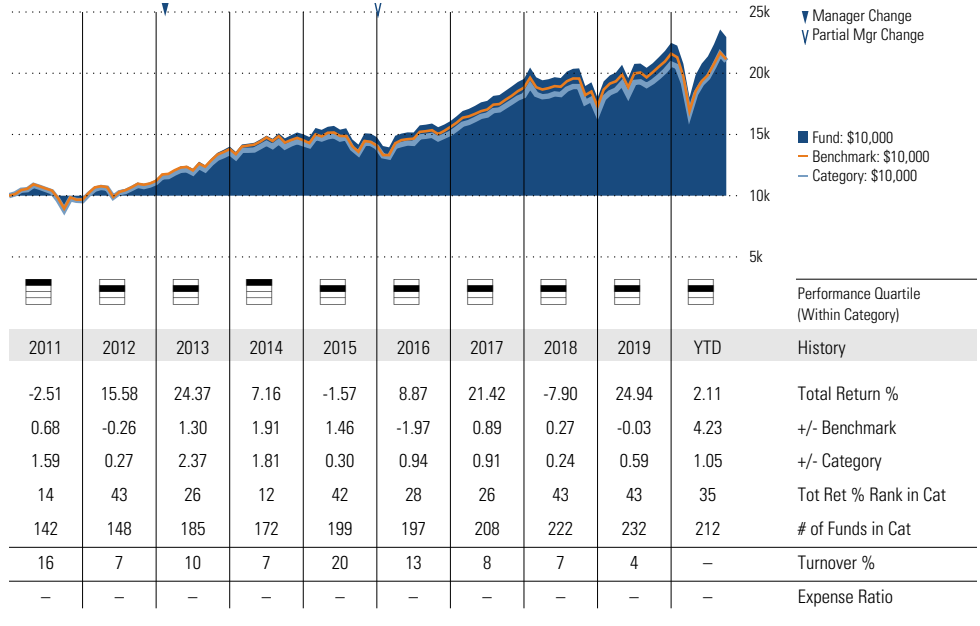
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

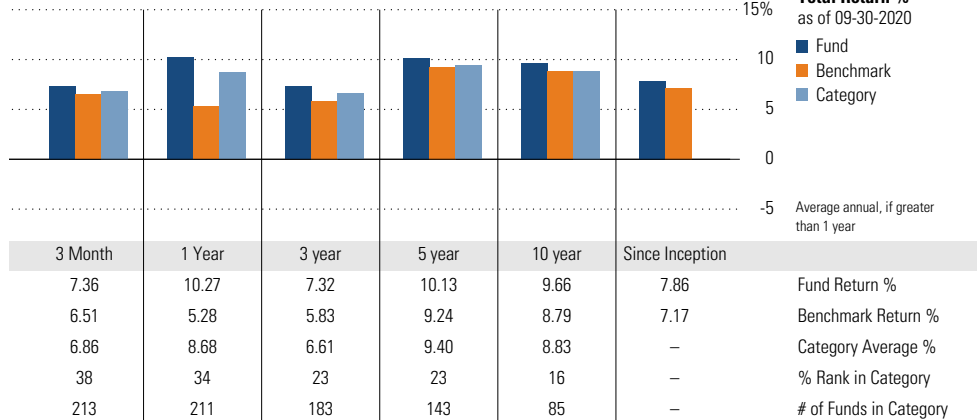
## Morningstar Investment Management LLC Analysis

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.

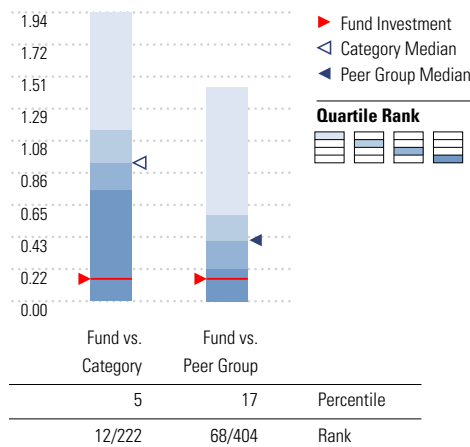
## Growth of \$10,000



## 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

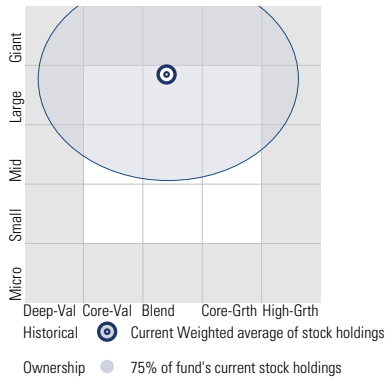
	Fund	Bmark	Cat
Price/Earnings Ratio	21.72	20.67	22.39
Price/Book Ratio	2.20	2.03	2.34
Avg Eff Duration	7.11	-	6.30

# Vanguard Target Retirement 2045 Inv VTIVX

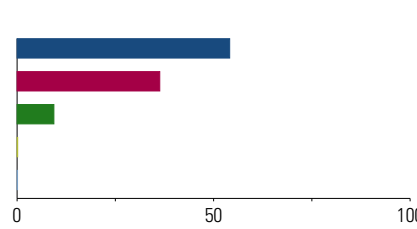
**Morningstar Category**  
Target-Date 2045

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

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

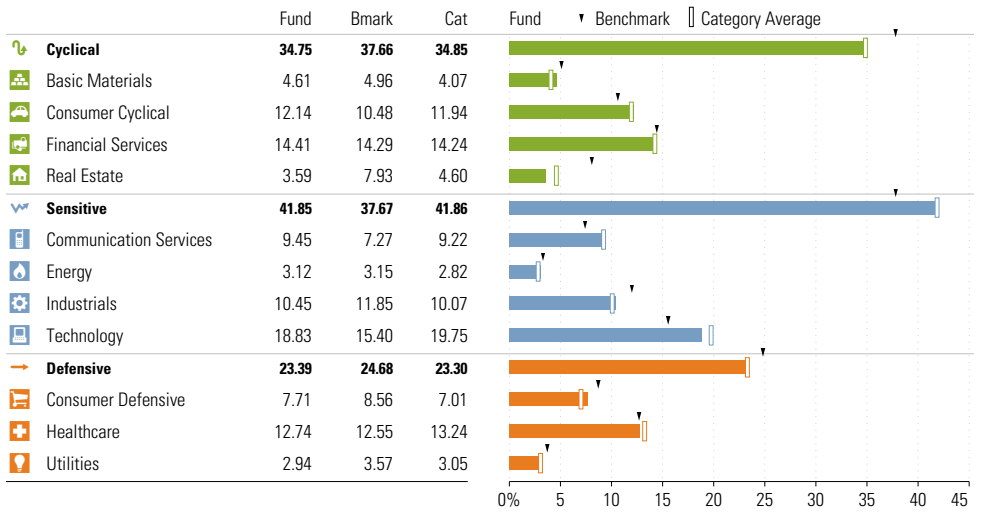


**Asset Allocation** as of 09-30-2020

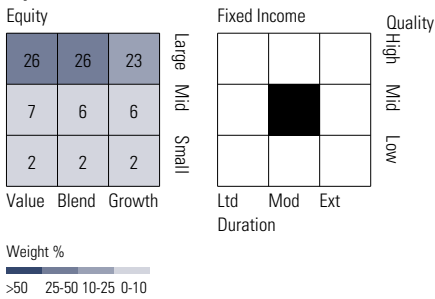


Asset Class	Net %	Cat%
US Stocks	54.09	53.03
Non-US Stocks	36.30	29.90
Bonds	9.36	6.87
Cash	0.15	1.87
Other	0.11	8.33
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

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



**Style Breakdown**



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

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

**Total Holdings** 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2050 Inv VFIFX

**Morningstar Category**  
Target-Date 2050

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

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

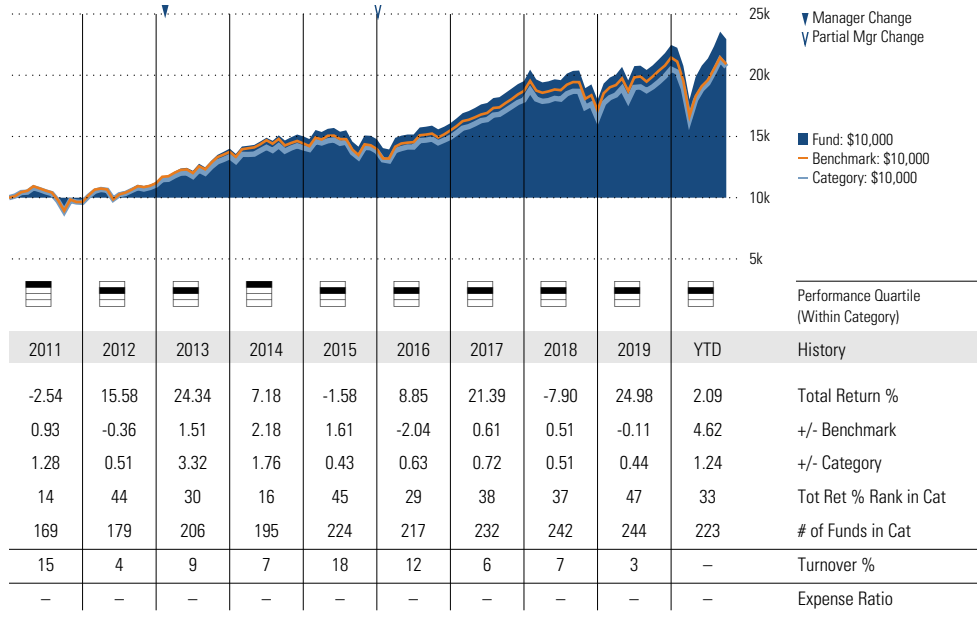
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

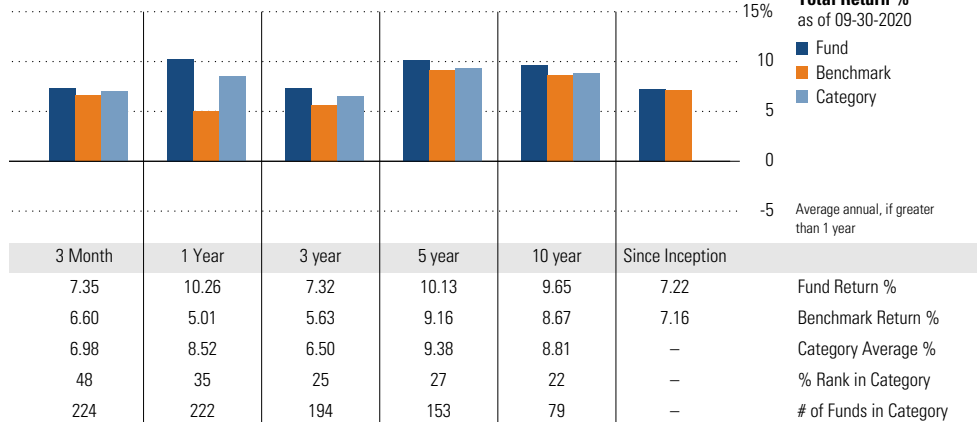
## Morningstar Investment Management LLC Analysis

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

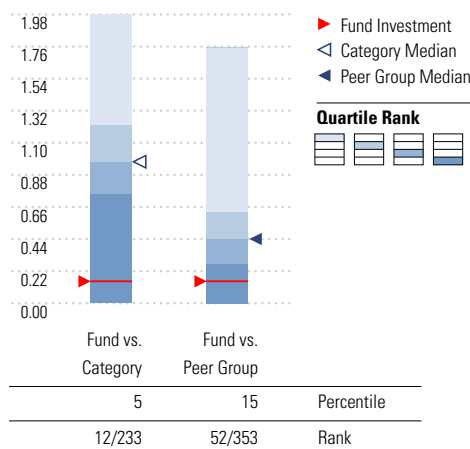
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

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

## Portfolio Metrics

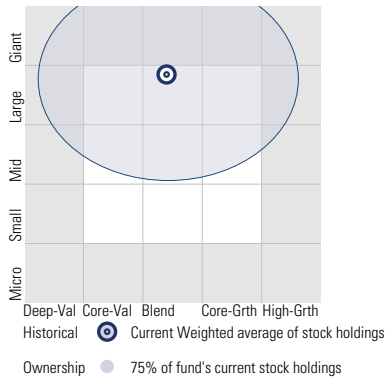
	Fund	Bmark	Cat
Price/Earnings Ratio	21.72	20.55	22.47
Price/Book Ratio	2.20	2.01	2.33
Avg Eff Duration	7.10	-	6.29

# Vanguard Target Retirement 2050 Inv VFIFX

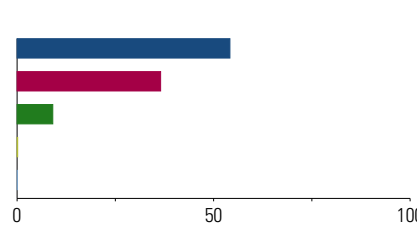
**Morningstar Category**  
Target-Date 2050

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

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

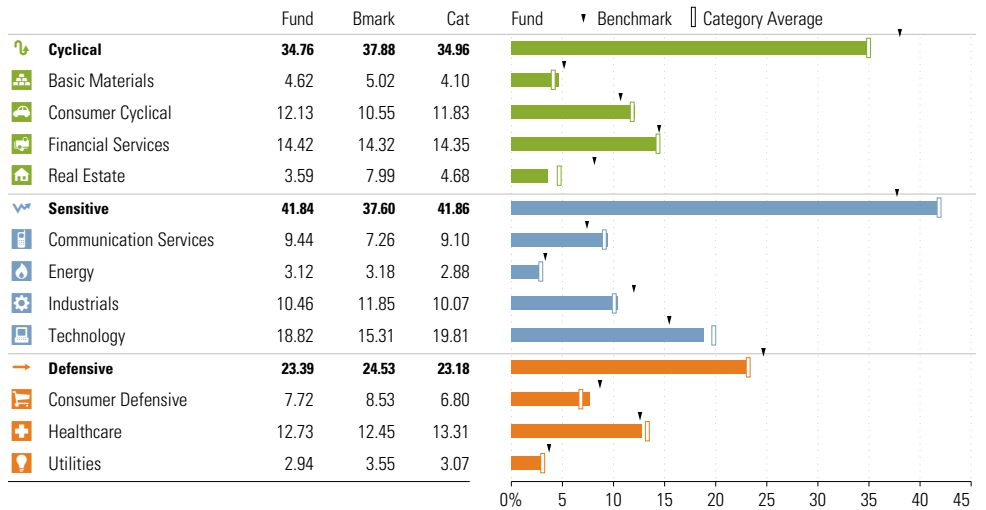


**Asset Allocation** as of 09-30-2020

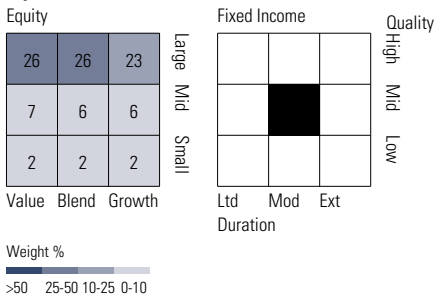


Asset Class	Net %	Cat%
US Stocks	54.15	54.61
Non-US Stocks	36.52	30.67
Bonds	9.08	5.86
Cash	0.15	1.93
Other	0.10	6.94
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

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



**Style Breakdown**



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

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

**Total Holdings 5**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard Target Retirement 2055 Inv VFFVX

**Morningstar Category**  
Target-Date 2055

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

## Portfolio Manager(s)

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

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2055 category's top three quartiles in 10 of the 10 years it's been in existence.

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

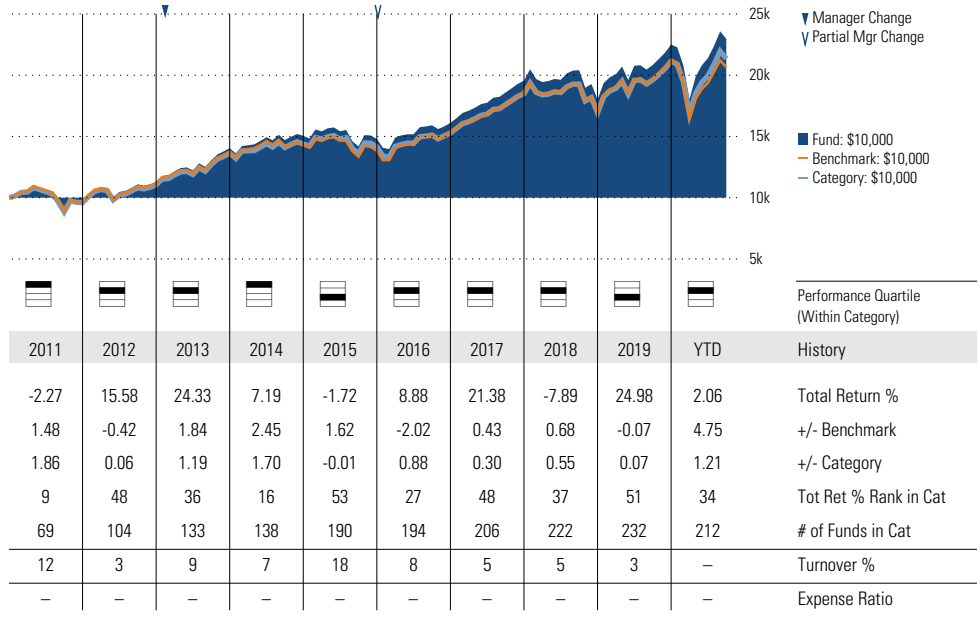
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

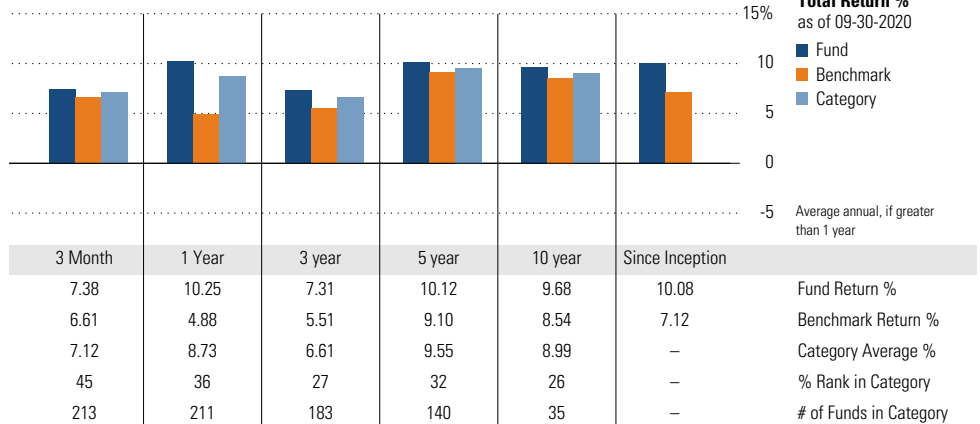
## Morningstar Investment Management LLC Analysis

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

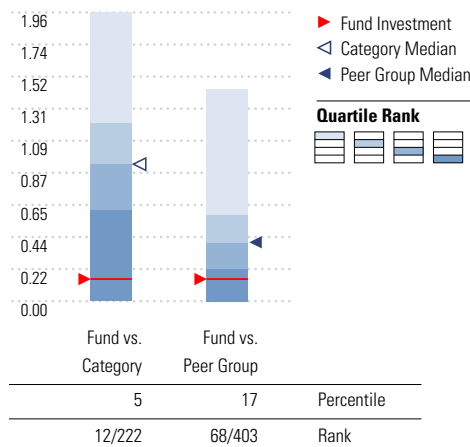
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

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

## Portfolio Metrics

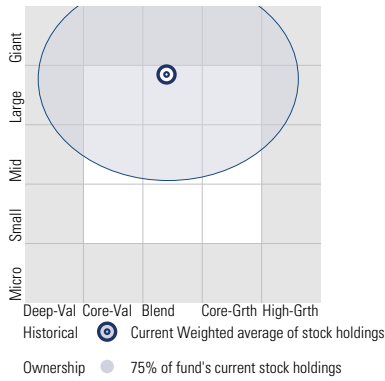
	Fund	Bmark	Cat
Price/Earnings Ratio	21.71	20.47	22.74
Price/Book Ratio	2.20	1.99	2.38
Avg Eff Duration	7.08	-	6.24

# Vanguard Target Retirement 2055 Inv VFFVX

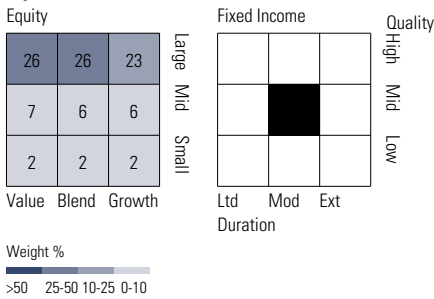
**Morningstar Category**  
Target-Date 2055

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

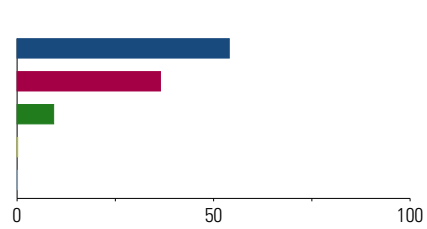
**Style Analysis** as of 09-30-2020  
Morningstar Style Box™



**Style Breakdown**

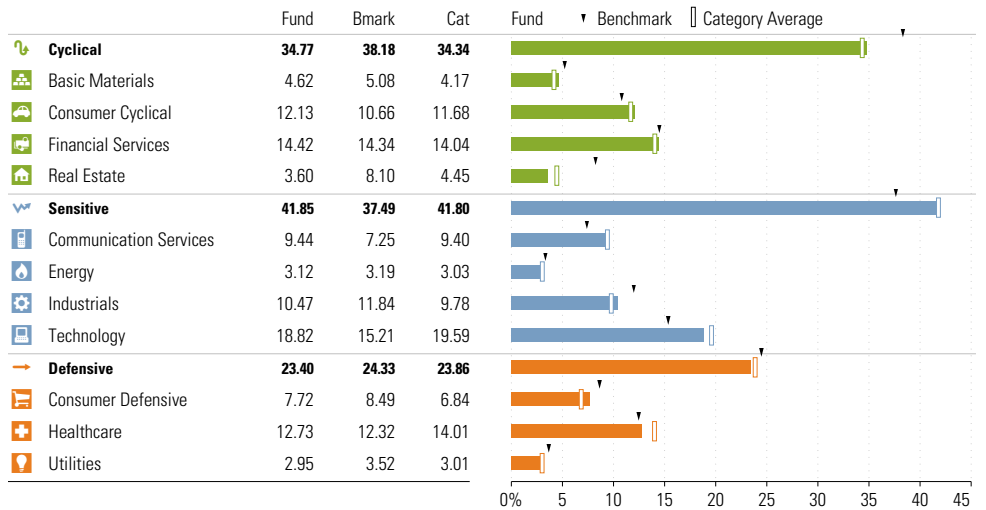


**Asset Allocation** as of 09-30-2020



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

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



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

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

**Total Holdings 5**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Target Retirement 2060 Inv 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.

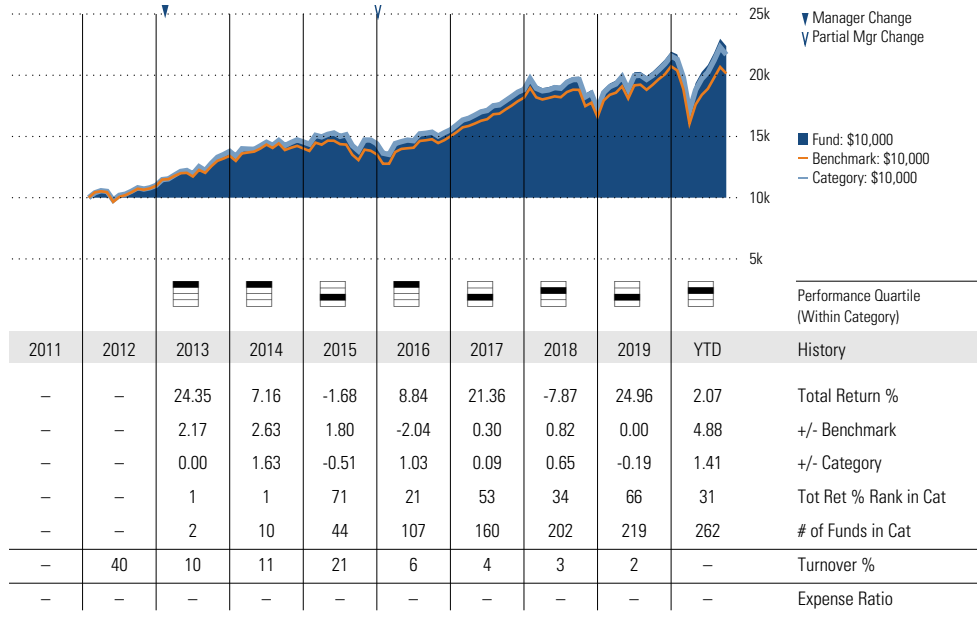
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

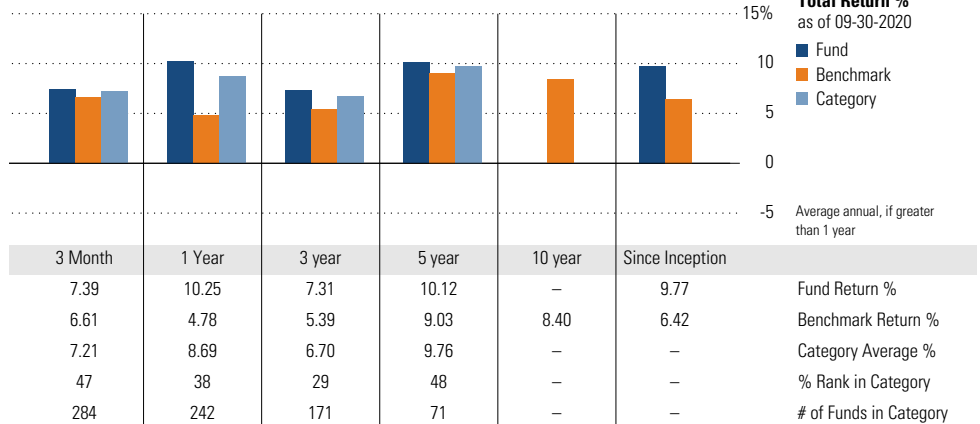
## Morningstar Investment Management LLC Analysis

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.

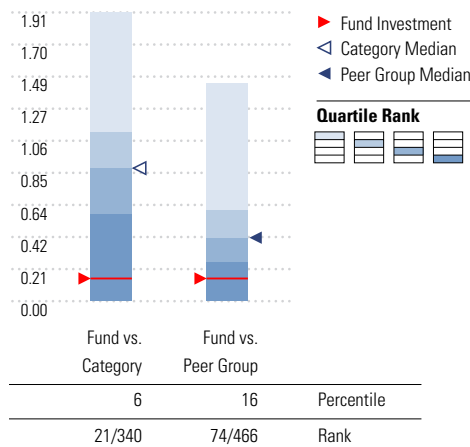
## Growth of \$10,000



## 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

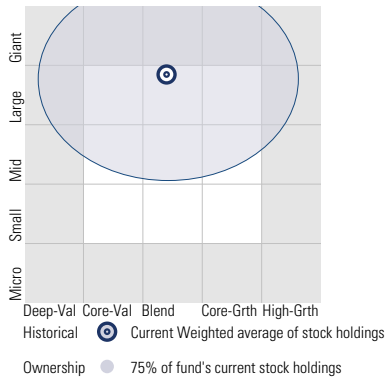
	Fund	Bmark	Cat
Price/Earnings Ratio	21.72	20.38	22.27
Price/Book Ratio	2.20	1.98	2.31
Avg Eff Duration	7.04	-	6.10

# Vanguard Target Retirement 2060 Inv VTTSX

**Morningstar Category**  
Target-Date 2060+

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

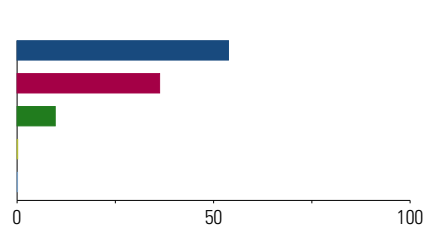
**Style Analysis** as of 09-30-2020  
Morningstar Style Box™



**Style Breakdown**

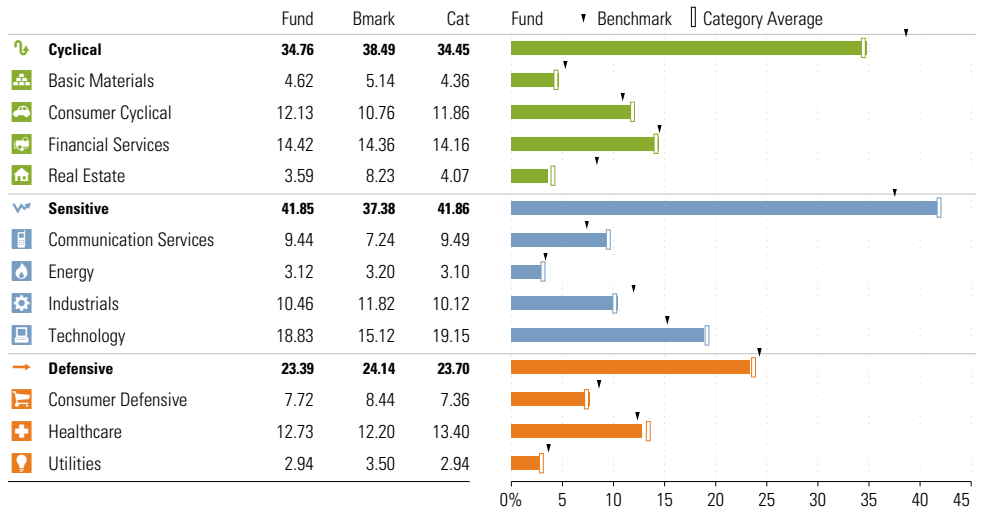


**Asset Allocation** as of 09-30-2020



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.

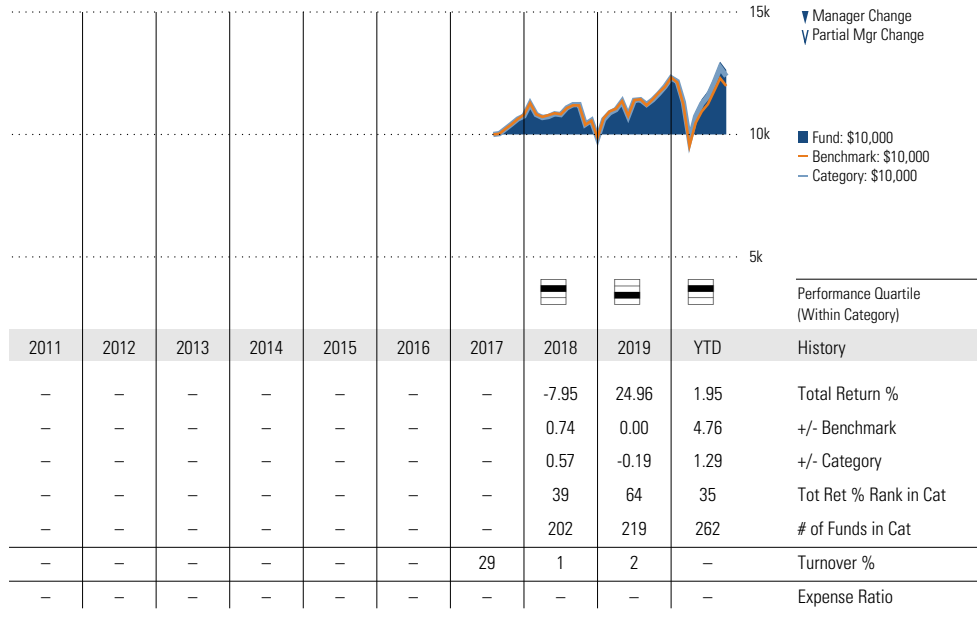
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **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.

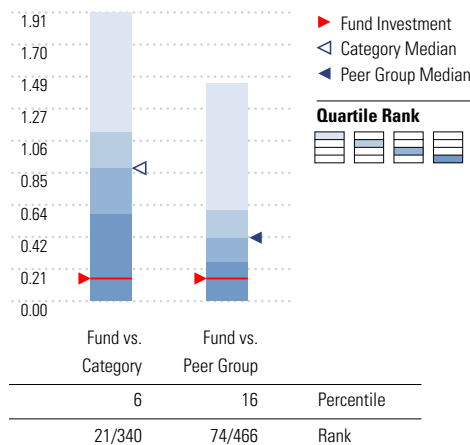
## Growth of \$10,000



## 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

	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

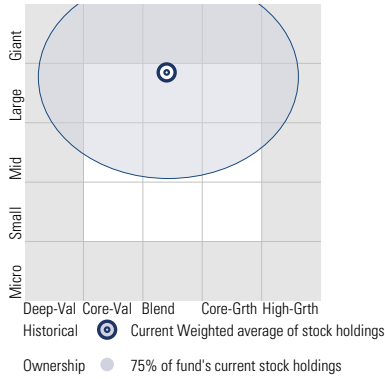
	Fund	Bmark	Cat
Price/Earnings Ratio	21.76	20.38	22.27
Price/Book Ratio	2.21	1.98	2.31
Avg Eff Duration	6.98	-	6.10

# Vanguard Target Retirement 2065 Inv VLXVX

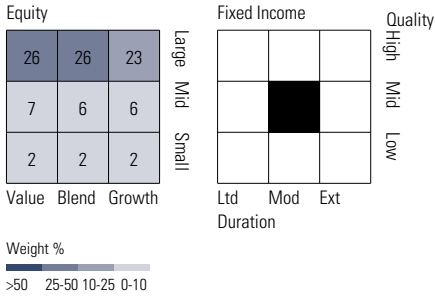
**Morningstar Category**  
Target-Date 2060+

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

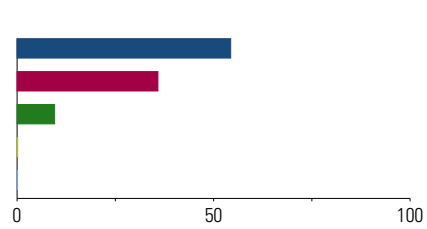
**Style Analysis** as of 09-30-2020  
Morningstar Style Box™



**Style Breakdown**

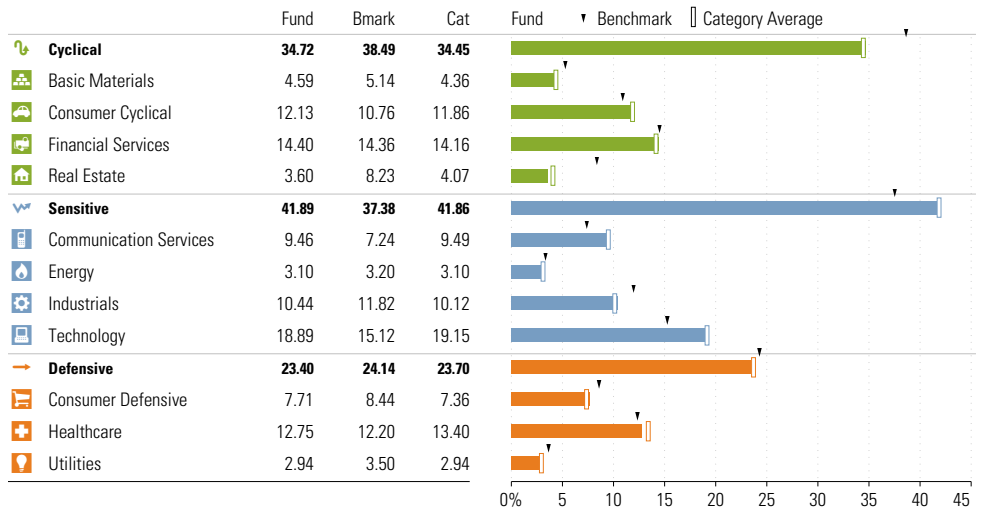


**Asset Allocation** as of 09-30-2020



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.

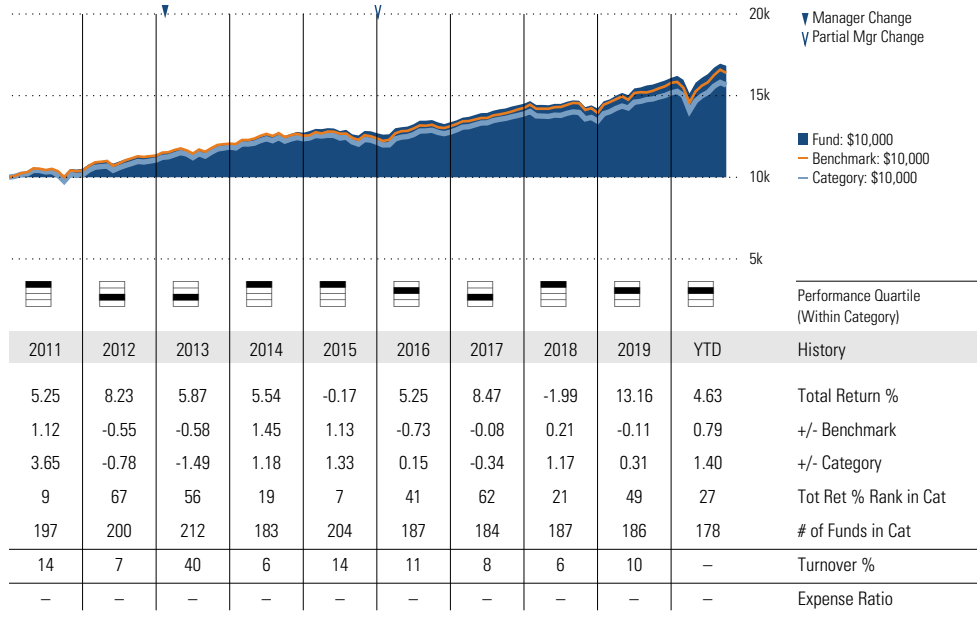
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **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.

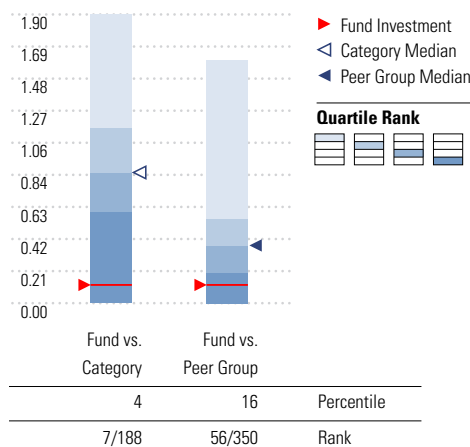
## Growth of \$10,000



## 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

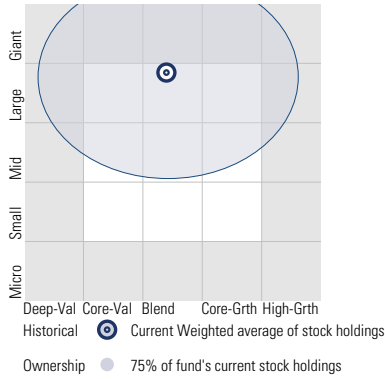
	Fund	Bmark	Cat
Price/Earnings Ratio	21.65	21.72	22.02
Price/Book Ratio	2.19	2.20	2.25
Avg Eff Duration	6.05	4.96	6.30

# Vanguard Target Retirement Income Inv VTINX

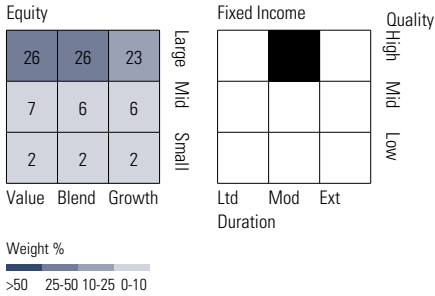
**Morningstar Category**  
Target-Date Retirement

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

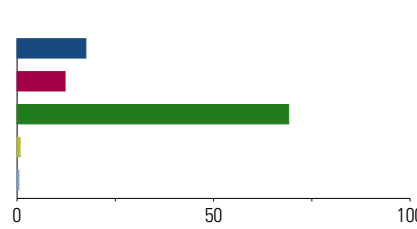
**Style Analysis** as of 09-30-2020  
Morningstar Style Box™



**Style Breakdown**

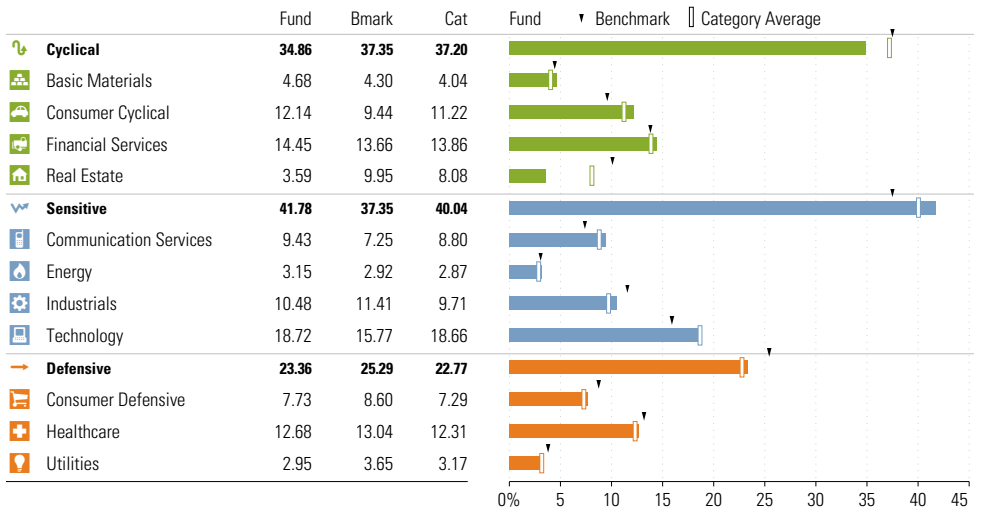


**Asset Allocation** as of 09-30-2020



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