

# AB Global Bond I ANAIX

**Morningstar Category**  
World Bond-USD Hedged

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

## Portfolio Manager(s)

Scott DiMaggio since 08-2005  
Matthew Sheridan since 01-2007  
John Taylor since 02-2019

## Quantitative Screens

✔ **Performance:** The fund has finished in the World Bond-USD Hedged 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 15.35 years.

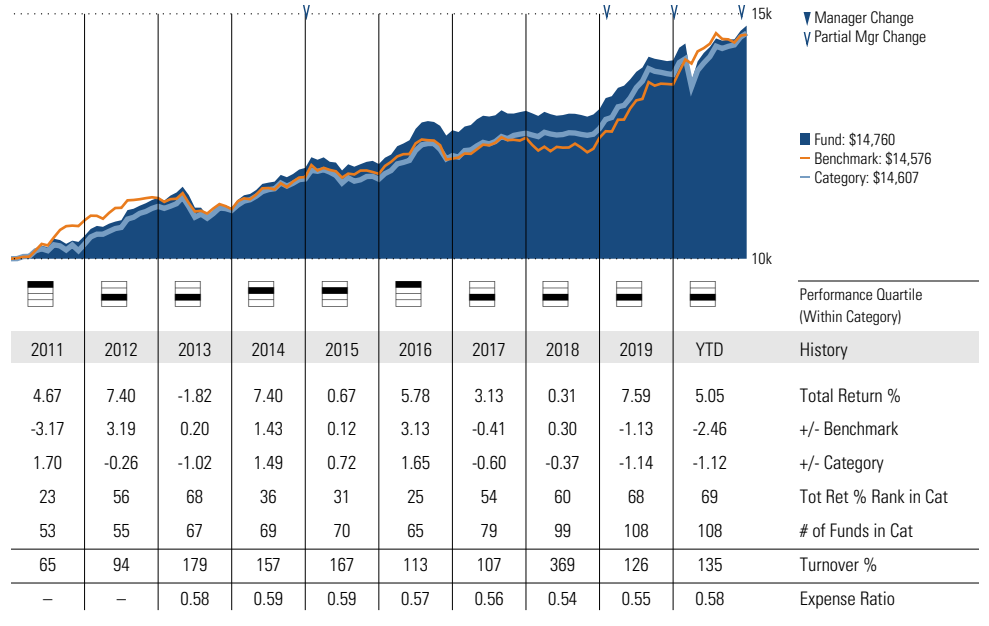
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.55 is 23.61% lower than the World Bond-USD Hedged category average.

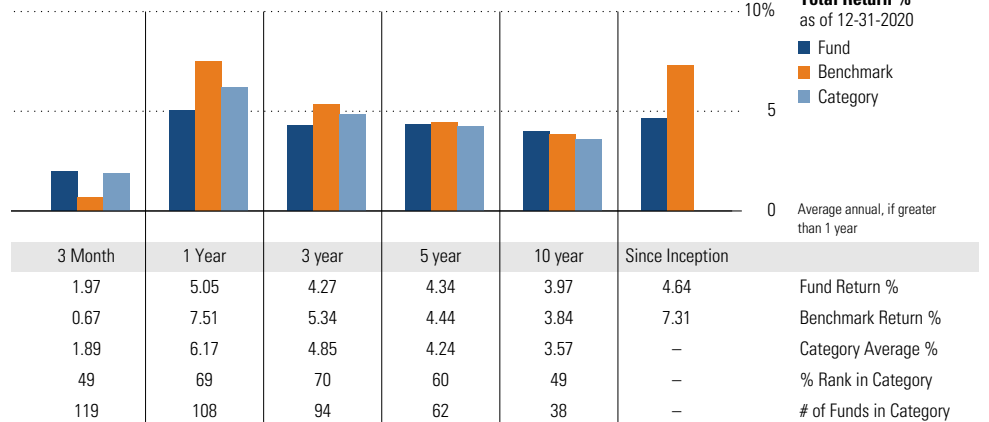
## Morningstar Investment Management LLC Analysis

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.

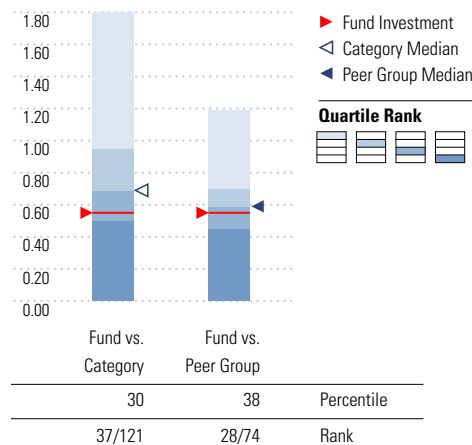
## Growth of \$10,000



## 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	0.08	-	0.69
Beta	0.80	-	0.82
R-Squared	39.54	-	43.03
Standard Deviation	4.32	3.40	4.45
Sharpe Ratio	0.64	1.11	0.80
Tracking Error	3.43	-	3.60
Information Ratio	-0.31	-	-0.14
Up Capture Ratio	87.21	-	93.61
Down Capture Ratio	102.39	-	92.82

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	6.96	4.43	-
Avg Eff Maturity	7.57	-	-

# AB Global Bond I ANAIX

**Morningstar Category**  
World Bond-USD Hedged

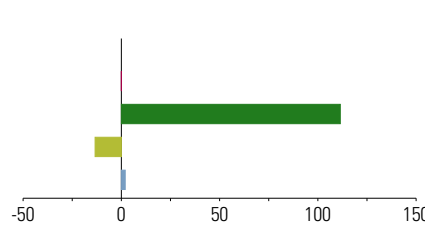
**Morningstar Index**  
BBgBarc US Agg Bond TR USD

## Style Analysis as of 12-31-2020

### Style Breakdown



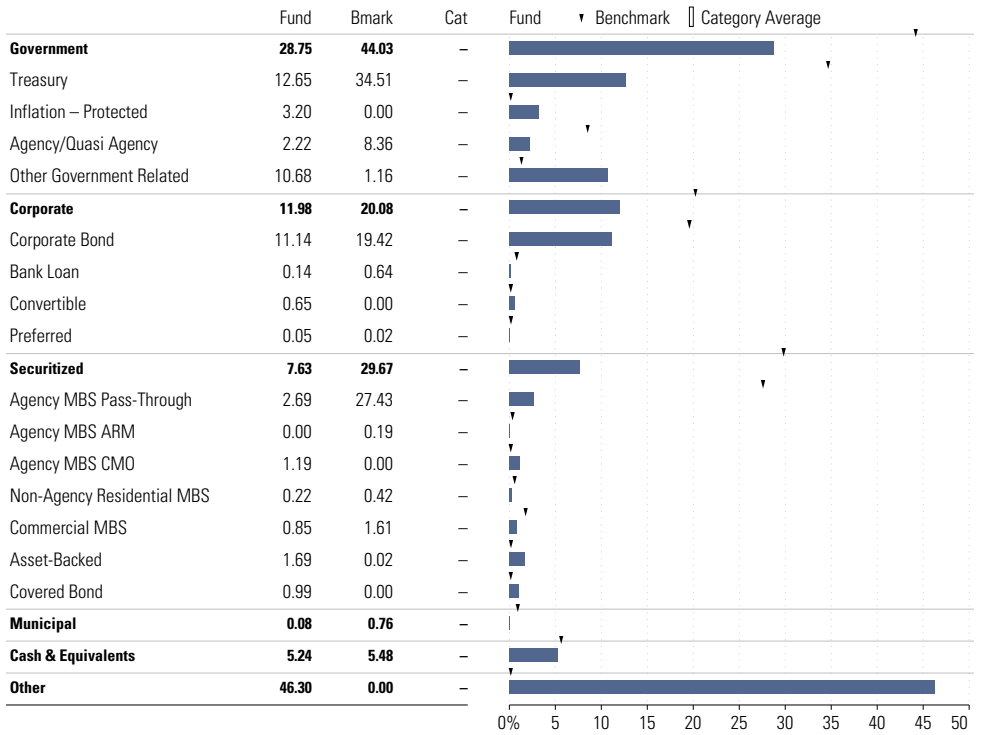
## Asset Allocation as of 12-31-2020



Asset Class	Net %	Cat%
US Stocks	0.00	—
Non-US Stocks	0.01	—
Bonds	111.41	—
Cash	-13.37	—
Other	1.96	—
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2020

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	29.91	3.53	—
AA	8.64	74.59	—
A	26.18	10.82	—
BBB	24.14	8.32	—
BB	4.20	0.28	—
B	1.54	0.00	—
Below B	0.18	0.00	—
Not Rated	5.21	2.46	—



## Top 10 Holdings as of 12-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Eur Fwd Vs Usd 0% 08/04/2020	04-2020	21.03	21.03	—
⊕ Eur Fwd Vs Usd 0% 08/04/2020	04-2020	21.01	42.04	—
✱ CashOffSet	—	19.73	61.76	—
⊕ Jpy Fwd Vs Usd 0% 09/04/2020	04-2020	10.55	72.31	—
⊕ Jpy Fwd Vs Usd 0% 09/04/2020	04-2020	10.27	82.58	—
⊕ Cnh Fwd Vs Usd 0% 16/04/2020	04-2020	6.29	88.87	—
⊕ Cnh Fwd Vs Usd 0% 16/04/2020	04-2020	6.27	95.15	—
⊕ Us Ultra Bond Cbt 0% 19/06/2020	06-2020	5.96	101.10	—
Eur Fwd Vs Usd 0% 22/04/2020	04-2020	5.83	106.93	—
Eur Fwd Vs Usd 0% 22/04/2020	04-2020	5.64	112.57	—

**Total Holdings 1121**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# 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 19.1 years.

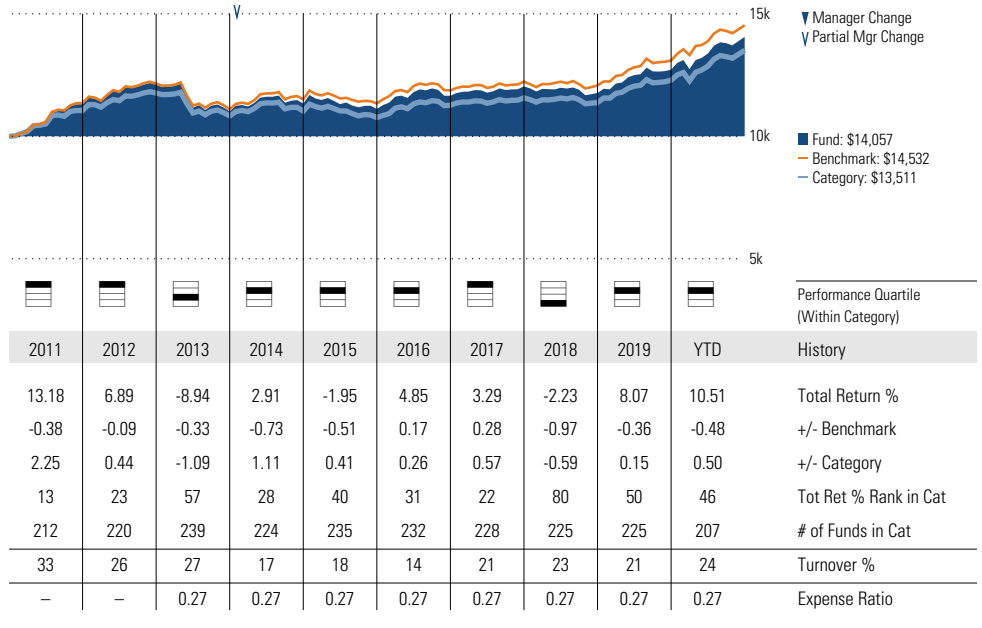
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.27 is 59.7% lower than the Inflation-Protected Bond category average.

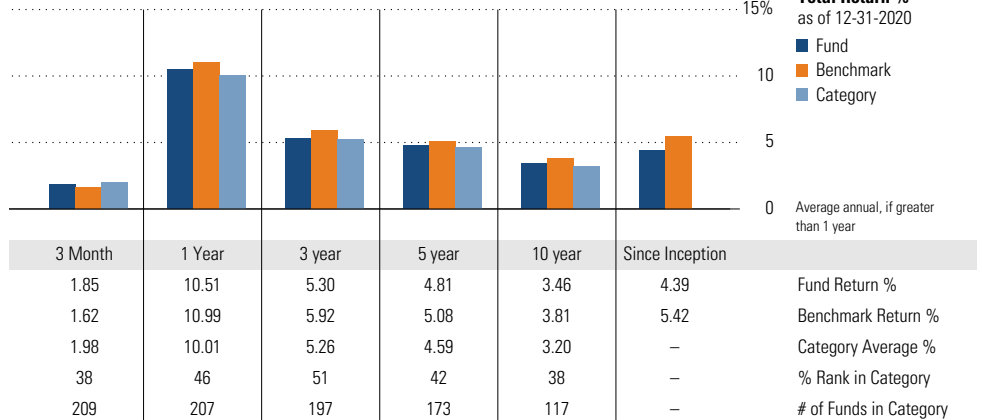
## Morningstar Investment Management LLC Analysis

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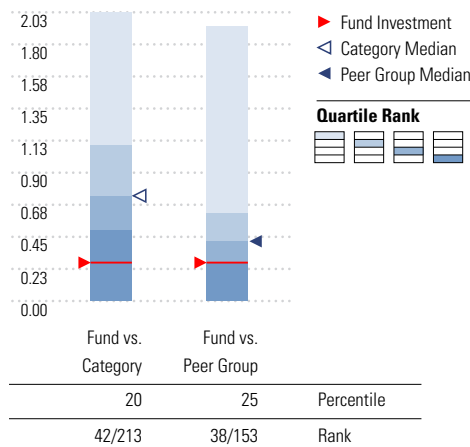
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.88	-	-0.39
Beta	1.05	-	0.92
R-Squared	94.94	-	78.57
Standard Deviation	4.19	3.87	4.23
Sharpe Ratio	0.89	1.11	0.88
Tracking Error	0.96	-	2.14
Information Ratio	-0.64	-	-0.56
Up Capture Ratio	96.50	-	88.69
Down Capture Ratio	109.16	-	95.83

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	7.85	4.52	6.80
Avg Eff Maturity	8.48	-	7.67

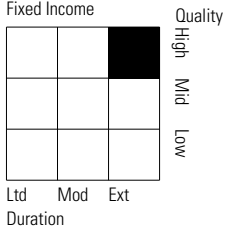
# American Century Inflation Adjs Bond R5 AIANX

**Morningstar Category**  
Inflation-Protected Bond

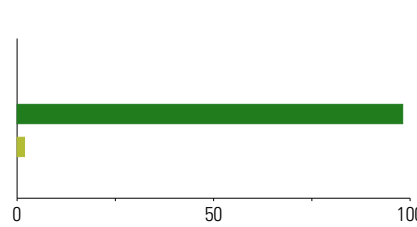
**Morningstar Index**  
BBgBarc US Treasury US TIPS TR USD

**Style Analysis** as of 12-31-2020

**Style Breakdown**



**Asset Allocation** as of 12-31-2020

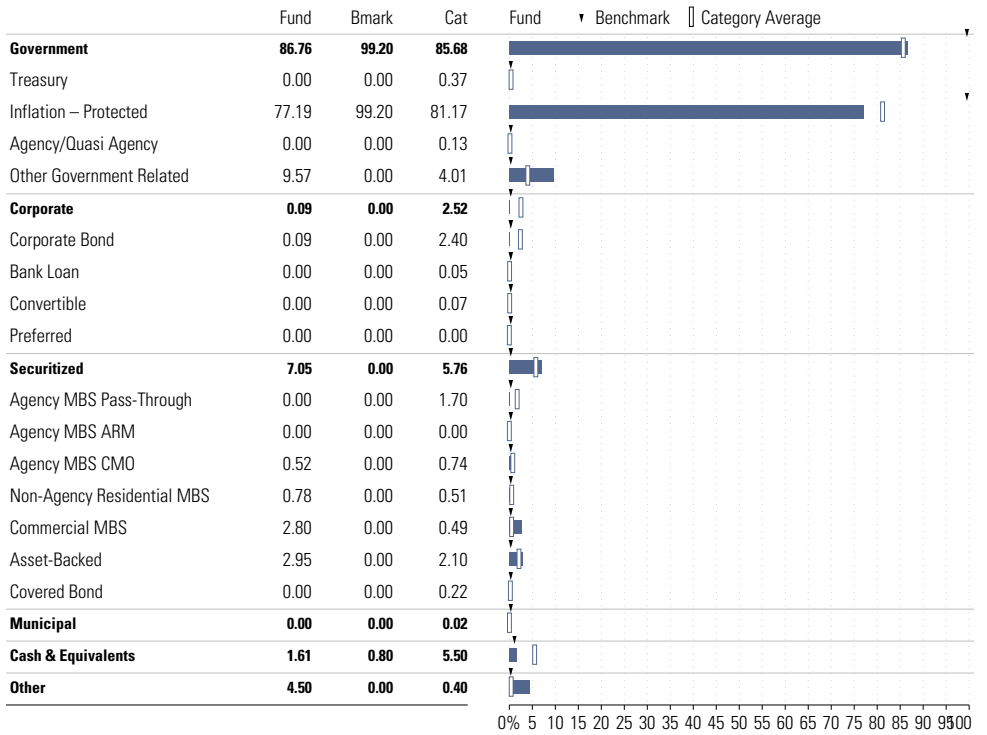


Asset Class	Net %	Cat%
US Stocks	0.00	-0.02
Non-US Stocks	0.00	0.01
Bonds	98.11	96.97
Cash	1.89	2.11
Other	0.00	0.93
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Credit Rating Breakdown**

	Fund	Bmark	Cat
AAA	97.45	0.00	93.81
AA	3.42	99.60	0.30
A	0.28	0.00	1.87
BBB	0.04	0.00	2.12
BB	0.17	0.00	0.37
B	0.31	0.00	0.08
Below B	0.00	0.00	0.02
Not Rated	-1.67	0.40	1.43

**Sector Weighting** as of 12-31-2020



**Top 10 Holdings** as of 12-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊖ United States Treasury Notes 0.12%	01-2023	8.02	8.02	–
⊖ United States Treasury Notes 0.12%	01-2022	6.28	14.30	–
⊕ United States Treasury Notes 0.62%	01-2026	6.20	20.50	–
⊕ United States Treasury Bonds 2%	01-2026	5.51	26.01	–
⊕ Bp9u31zz0 Cds Usd R V 00mevent 2i65brsp6 Ice Ccp	12-2024	5.29	31.30	–
⊕ Bp9u31zz0 Cds Usd P F 5.00000 Markit Cdx Na Hy Ice Ccp	12-2024	4.99	36.29	–
⊕ United States Treasury Notes 0.25%	07-2029	4.95	41.24	–
⊕ United States Treasury Notes 0.62%	01-2024	4.91	46.15	–
⊖ United States Treasury Bonds 1.38%	02-2044	4.62	50.77	–
⊕ United States Treasury Notes 0.25%	01-2025	3.94	54.71	–

**Total Holdings 114**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# American Century Mid Cap Value I AVUAX

**Morningstar Category**  
Mid-Cap Value

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

## Portfolio Manager(s)

Michael Liss since 03-2004  
Phillip Davidson since 03-2004  
Kevin Toney since 08-2008  
Brian Woglom since 02-2012

## Quantitative Screens

**Performance:** The fund has finished in the Mid-Cap 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 16.76 years.

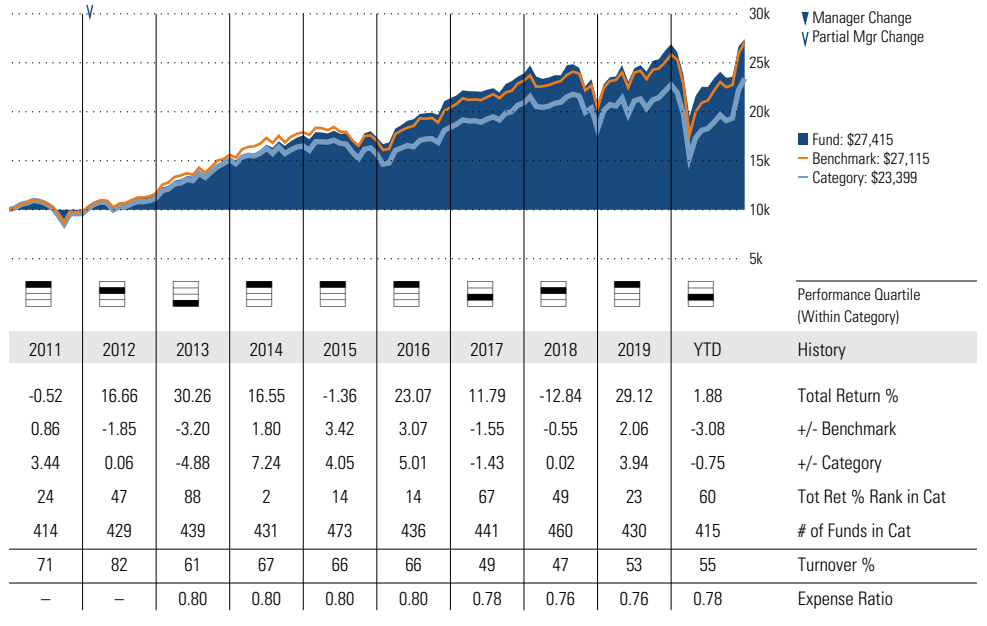
**Style:** The fund has landed in its primary style box — Mid-Cap Value — 100 % of the time over the past three years.

**Net Expense:** The fund's expense ratio of 0.78 is 25% lower than the Mid-Cap Value category average.

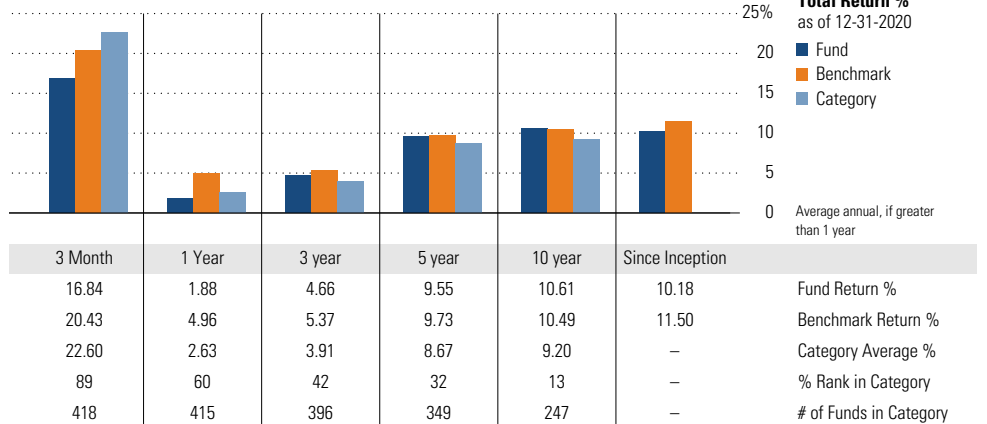
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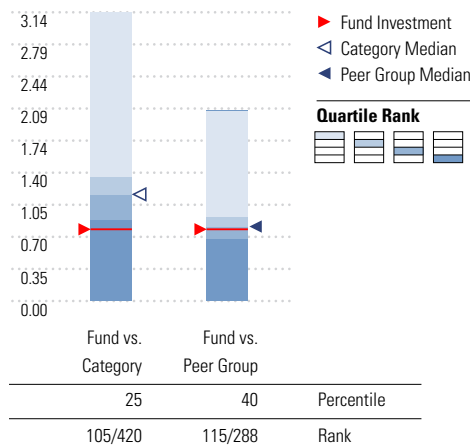
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.33	-	-1.47
Beta	0.89	-	1.03
R-Squared	97.22	-	96.69
Standard Deviation	20.65	22.94	23.97
Sharpe Ratio	0.25	0.28	0.22
Tracking Error	4.30	-	4.83
Information Ratio	-0.16	-	-0.31
Up Capture Ratio	92.43	-	100.97
Down Capture Ratio	93.89	-	106.89

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.98	18.90	17.75
Price/Book Ratio	1.89	1.81	1.74
Geom Avg Mkt Cap \$B	11.80	9.71	8.73
ROE	13.04	11.29	11.96

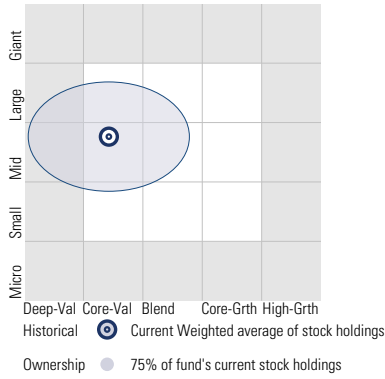
# American Century Mid Cap Value I AVUAX

**Morningstar Category**  
Mid-Cap Value

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

## Style Analysis as of 12-31-2020

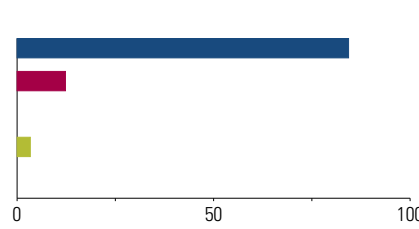
Morningstar Style Box™



## Style Breakdown

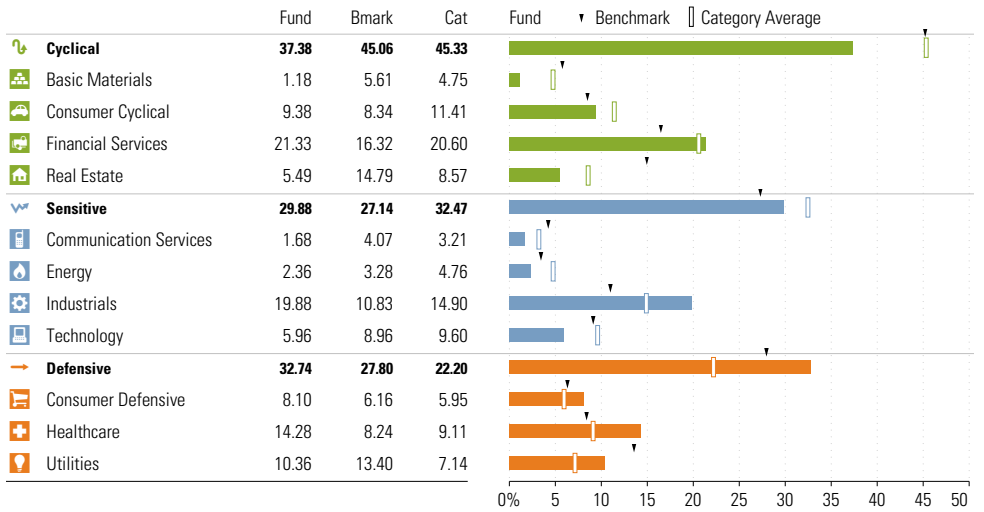


## Asset Allocation as of 12-31-2020



Asset Class	Net %	Cat%
US Stocks	84.34	92.17
Non-US Stocks	12.30	5.26
Bonds	0.00	0.05
Cash	3.36	2.22
Other	0.00	0.30
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2020



## Top 15 Holdings as of 12-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Zimmer Biomet Holdings Inc	3.37	3.37	3.59	Healthcare
⊕ Northern Trust Corp	3.00	6.37	-9.70	Financial Services
⊕ Emerson Electric Co	2.02	8.39	8.02	Industrials
⊕ Edison International	1.90	10.29	-13.28	Utilities
⊕ Chubb Ltd	1.89	12.18	0.87	Financial Services
⊖ Truist Financial Corp	1.79	13.98	-11.70	Financial Services
⊕ nVent Electric PLC	1.78	15.75	-6.22	Industrials
⊖ Hubbell Inc	1.68	17.43	8.58	Industrials
⊕ Ssc Government Mm Gvmxx	1.64	19.07	-	-
⊖ Xcel Energy Inc	1.63	20.70	7.72	Utilities
⊕ Johnson Controls International PLC	1.61	22.32	17.00	Industrials
⊕ McKesson Corp	1.57	23.89	26.94	Healthcare
⊕ Pinnacle West Capital Corp	1.57	25.46	-7.56	Utilities
⊕ Norfolk Southern Corp	1.51	26.97	24.33	Industrials
⊕ Universal Health Services Inc Class B	1.50	28.47	-4.02	Healthcare

**Total Holdings 100**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# American Funds American Balanced R6 RLBGX

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

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

## Portfolio Manager(s)

Hilda Applbaum since 01-1999  
 Gregory Johnson since 03-2003  
 James Mulally since 03-2006  
 Alan Berro since 03-2006  
 Jeffrey Lager since 03-2011  
 Paul Benjamin since 07-2014  
 Anne-Marie Peterson since 10-2015  
 Alan Wilson since 01-2016  
 John Queen since 07-2016  
 Pramod Atluri since 03-2018  
 Mark Casey since 10-2019  
 Ritchie Tuazon since 10-2020

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 22.01 years.

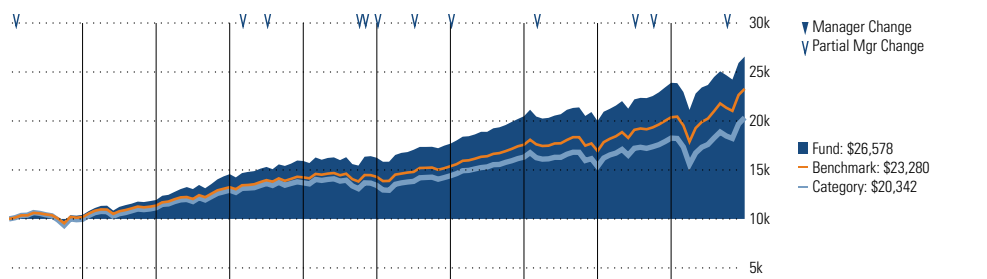
✔ **Style:** The fund has landed in its primary style box — Large Blend — 90.91 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.26 is 75.7% lower than the Allocation--50% to 70% Equity category average.

## Morningstar Investment Management LLC Analysis

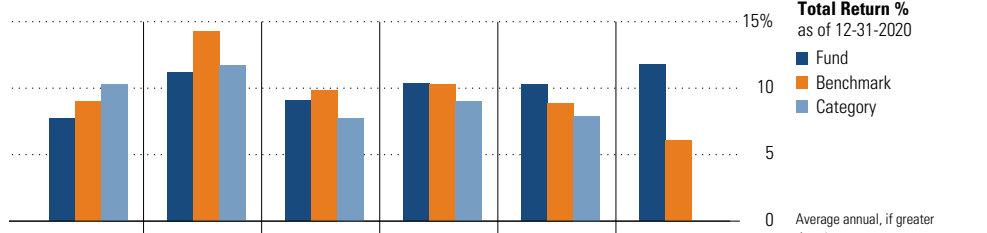
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## Growth of \$10,000



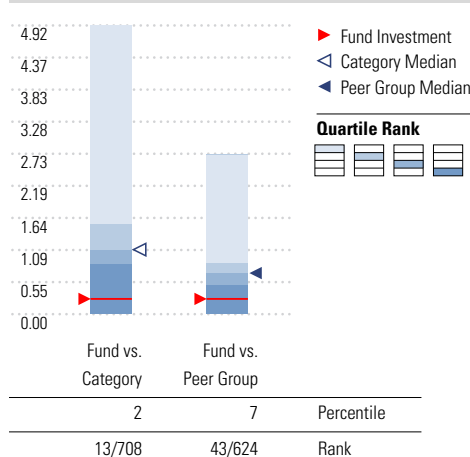
Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	History
Performance Quartile (Within Category)	III	III	III	III	III	III	III	III	III	III	History
Total Return %	4.16	14.57	22.12	9.22	2.03	8.90	15.84	-2.42	19.55	11.22	Total Return %
+/- Benchmark	2.24	3.10	5.59	1.65	1.67	1.30	1.56	1.24	-0.78	-3.04	+/- Benchmark
+/- Category	4.27	2.85	5.64	3.01	3.96	1.56	2.63	3.34	0.32	-0.50	+/- Category
Tot Ret % Rank in Cat	7	9	5	16	3	20	15	8	48	57	Tot Ret % Rank in Cat
# of Funds in Cat	738	736	776	742	784	733	712	722	696	673	# of Funds in Cat
Turnover %	47	54	55	68	82	79	95	72	104	—	Turnover %
Expense Ratio	—	—	0.29	0.29	0.29	0.29	0.28	0.28	0.27	—	Expense Ratio

## Trailing Performance



Period	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Category
Fund Return %	7.72	11.22	9.07	10.36	10.27	11.77	Fund Return %
Benchmark Return %	9.04	14.26	9.82	10.25	8.82	6.09	Benchmark Return %
Category Average %	10.30	11.72	7.76	8.99	7.90	—	Category Average %
% Rank in Category	83	57	32	21	5	—	% Rank in Category
# of Funds in Category	694	673	636	576	414	—	# 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	-0.19	—	-2.26
Beta	0.94	—	1.08
R-Squared	98.14	—	95.76
Standard Deviation	10.98	11.52	12.74
Sharpe Ratio	0.71	0.74	0.56
Tracking Error	1.63	—	2.93
Information Ratio	-0.46	—	-0.63
Up Capture Ratio	94.51	—	98.62
Down Capture Ratio	96.26	—	112.05

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.53	—	17.99
Price/Book Ratio	2.62	—	2.31
Avg Eff Duration	6.11	—	4.62

# American Funds American Balanced R6 RLBGX

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

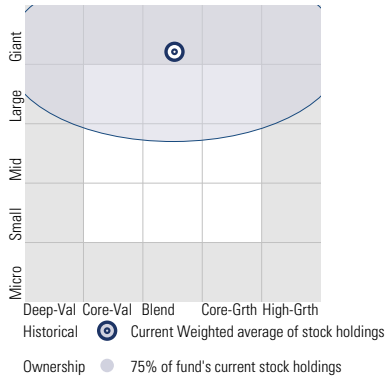
**Morningstar Index**

Morningstar US Mod Tgt Alloc NR USD

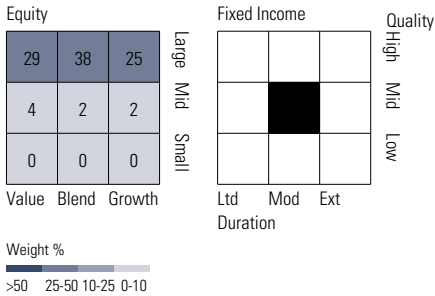
Equity

## Style Analysis as of 12-31-2020

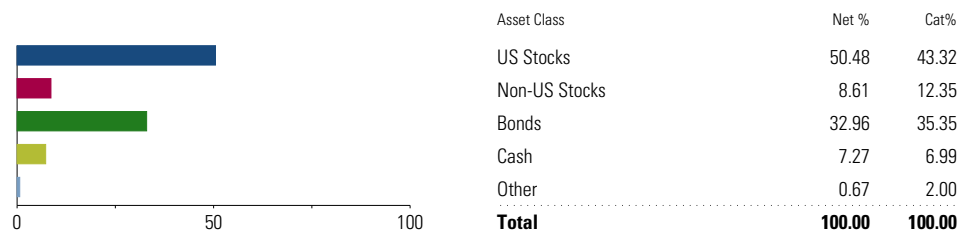
Morningstar Style Box™



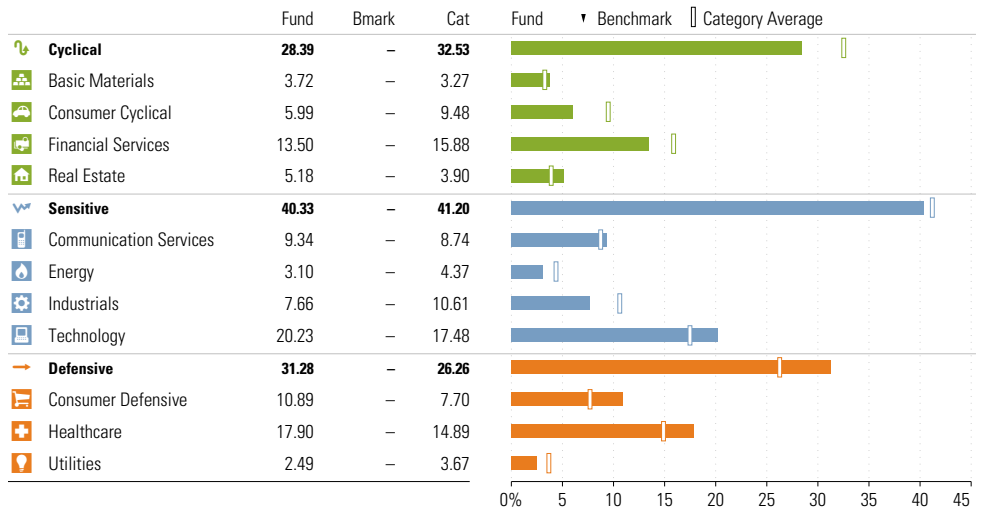
## Style Breakdown



## Asset Allocation as of 12-31-2020



## Sector Weighting as of 12-31-2020



## Top 10 Holdings as of 12-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	-	5.96	5.96	-	-
⊖ Microsoft Corp	-	3.96	9.92	42.37	Technology
⊖ UnitedHealth Group Inc	-	2.81	12.73	20.93	Healthcare
⊕ Philip Morris International Inc	-	1.97	14.70	2.87	Consumer Defensive
⊖ Taiwan Semiconductor Manufacturing Co Ltd ADR	-	1.87	16.57	90.63	Technology
⊖ Berkshire Hathaway Inc A	-	1.78	18.35	2.42	Financial Services
⊕ Broadcom Inc	-	1.59	19.94	42.78	Technology
⊕ Amazon.com Inc	-	1.47	21.40	76.26	Consumer Cyclical
⊕ JPMorgan Chase & Co	-	1.30	22.70	-6.26	Financial Services
✱ Cash And Other Assets Less Liabilities	-	1.25	23.95	-	-

**Total Holdings 1876**

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# American Funds American Mutual R6 RMFGX

**Morningstar Category**  
Large Value

**Morningstar Index**  
Russell 1000 Value TR USD

## Portfolio Manager(s)

James Lovelace since 01-2006  
 James Terrile since 01-2006  
 Joyce Gordon since 01-2006  
 Dylan Yolles since 01-2007  
 William Robbins since 01-2008  
 Cheryl Frank since 01-2014  
 Bradley Vogt since 01-2015  
 Charles Ellwein since 12-2016  
 Grant Cambridge since 01-2021

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 15.01 years.

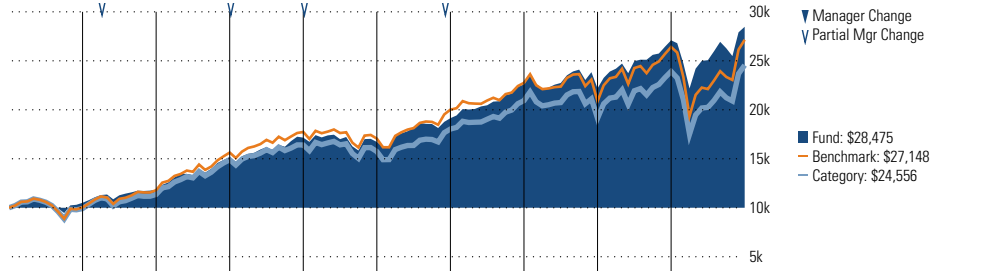
✘ **Style:** The fund has landed in its primary style box — Large Value — 45.45 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.27 is 71.28% lower than the Large Value category average.

## Morningstar Investment Management LLC Analysis

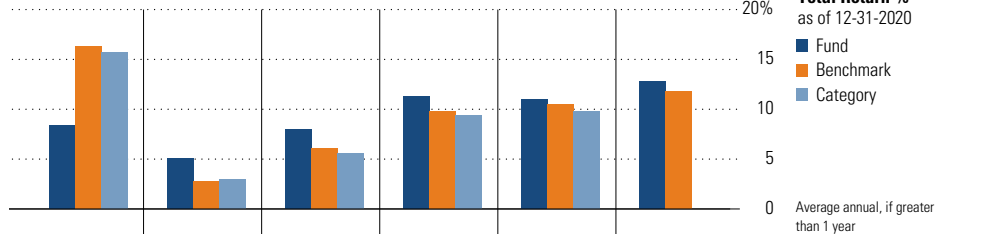
This fund fails the investment style screen due to edging from value into blend. However, it maintains a value-oriented strategy and we do not believe the failure is significant.

## Growth of \$10,000



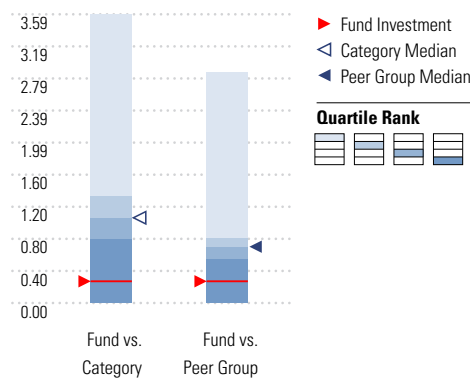
	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	History
Performance Quartile (Within Category)	III	III	III	III	III	III	III	III	III	III	III
Total Return %	5.08	12.67	28.30	12.95	-2.57	14.53	17.99	-1.78	22.12	5.10	Total Return %
+/- Benchmark	4.69	-4.84	-4.23	-0.50	1.26	-2.81	4.33	6.49	-4.42	2.30	+/- Benchmark
+/- Category	5.83	-1.90	-2.91	2.74	1.48	-0.28	2.05	6.75	-2.92	2.19	+/- Category
Tot Ret % Rank in Cat	16	74	78	14	32	48	28	4	83	32	Tot Ret % Rank in Cat
# of Funds in Cat	1,321	1,285	1,318	1,292	1,382	1,300	1,286	1,297	1,242	1,202	# of Funds in Cat
Turnover %	23	22	18	16	27	18	20	16	21	24	Turnover %
Expense Ratio	-	-	0.31	0.30	0.30	0.30	0.30	0.30	0.29	0.27	Expense Ratio

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	
Fund Return %	8.35	5.10	8.02	11.24	11.03	12.77	Fund Return %
Benchmark Return %	16.25	2.80	6.07	9.74	10.50	11.77	Benchmark Return %
Category Average %	15.73	2.91	5.57	9.42	9.73	-	Category Average %
% Rank in Category	95	32	20	19	21	-	% Rank in Category
# of Funds in Category	1,217	1,202	1,130	1,000	717	-	# of Funds in Category

## Net Expense



Fund vs. Category: 6 / 75 (1228)  
 Fund vs. Peer Group: 6 / 47 (796)  
 Percentile Rank

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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	3.16	-	-0.42
Beta	0.71	-	0.99
R-Squared	95.70	-	96.33
Standard Deviation	14.49	19.90	20.03
Sharpe Ratio	0.50	0.32	0.30
Tracking Error	6.46	-	4.17
Information Ratio	0.30	-	-0.16
Up Capture Ratio	82.69	-	98.27
Down Capture Ratio	70.89	-	100.36

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.47	16.59	16.45
Price/Book Ratio	2.86	1.83	2.17
Geom Avg Mkt Cap \$B	62.67	53.25	87.27
ROE	24.50	13.49	19.10

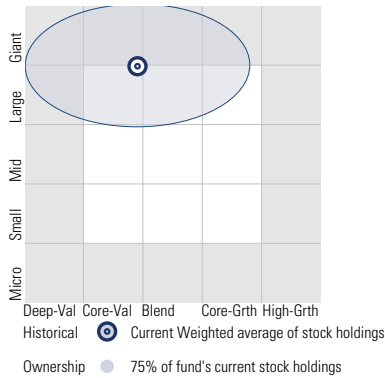
# American Funds American Mutual R6 RMFGX

**Morningstar Category**  
Large Value

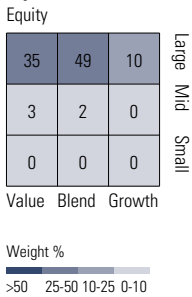
**Morningstar Index**  
Russell 1000 Value TR USD

## Style Analysis as of 12-31-2020

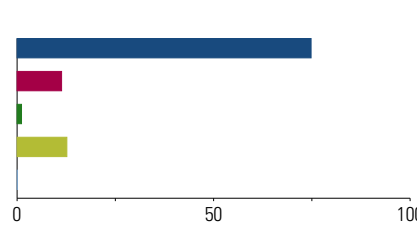
Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 12-31-2020



Asset Class	Net %	Cat%
US Stocks	74.80	90.74
Non-US Stocks	11.32	6.61
Bonds	1.12	0.31
Cash	12.66	1.77
Other	0.10	0.56
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>23.99</b>	<b>35.22</b>	<b>33.13</b>			
Basic Materials	3.60	3.72	2.90			
Consumer Cyclical	4.48	5.02	6.60			
Financial Services	12.97	21.20	20.40			
Real Estate	2.94	5.28	3.23			
<b>Sensitive</b>	<b>35.01</b>	<b>30.39</b>	<b>36.71</b>			
Communication Services	5.61	8.66	8.59			
Energy	5.72	5.50	7.52			
Industrials	11.74	8.88	10.13			
Technology	11.94	7.35	10.47			
<b>Defensive</b>	<b>41.00</b>	<b>34.40</b>	<b>30.17</b>			
Consumer Defensive	11.65	10.84	9.57			
Healthcare	21.93	15.85	15.19			
Utilities	7.42	7.71	5.41			

## Top 15 Holdings as of 12-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	12.86	12.86	-	-
Microsoft Corp	4.02	16.88	42.37	Technology
Gilead Sciences Inc	3.53	20.41	-6.16	Healthcare
Amgen Inc	2.46	22.87	-1.97	Healthcare
UnitedHealth Group Inc	2.28	25.15	20.93	Healthcare
Abbott Laboratories	1.87	27.02	27.71	Healthcare
Procter & Gamble Co	1.86	28.88	13.90	Consumer Defensive
The Home Depot Inc	1.72	30.59	24.38	Consumer Cyclical
Verizon Communications Inc	1.69	32.28	-0.29	Communication Svc
AbbVie Inc	1.56	33.85	26.35	Healthcare
Comcast Corp Class A	1.56	35.41	18.52	Communication Svc
Linde PLC	1.55	36.97	25.58	Basic Materials
Coca-Cola Co	1.42	38.38	2.04	Consumer Defensive
Intel Corp	1.36	39.74	-14.55	Technology
American Electric Power Co Inc	1.34	41.09	-8.89	Utilities

**Total Holdings 171**

⊕ 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 20.1 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 61.47% lower than the World Large Stock category average.

## Morningstar Investment Management LLC Analysis

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

## Growth of \$10,000



2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	History
-7.33	21.19	27.23	3.56	5.63	2.19	29.30	-5.56	30.48	33.81	Total Return %
-0.43	5.20	4.75	-0.56	8.15	-5.81	5.43	3.07	3.76	17.35	+/- Benchmark
0.60	5.35	2.04	0.77	7.32	-3.35	5.69	4.08	4.80	16.14	+/- Category
43	14	38	40	6	77	16	18	19	14	Tot Ret % Rank in Cat
834	875	917	861	943	880	872	901	901	869	# of Funds in Cat
24	16	30	25	27	22	28	23	20	26	Turnover %
-	-	0.45	0.45	0.45	0.45	0.45	0.44	0.44	0.42	Expense Ratio

## Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	
17.21	33.81	18.14	16.85	13.04	15.17	Fund Return %
13.89	16.46	10.48	12.52	9.25	7.21	Benchmark Return %
14.96	17.67	9.70	11.48	8.97	-	Category Average %
26	14	10	11	9	-	% Rank in Category
907	869	762	636	390	-	# 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	6.31	-	-0.04
Beta	1.06	-	0.99
R-Squared	97.35	-	92.98
Standard Deviation	19.35	17.99	18.56
Sharpe Ratio	0.88	0.56	0.53
Tracking Error	3.33	-	5.13
Information Ratio	2.30	-	-0.07
Up Capture Ratio	117.17	-	97.05
Down Capture Ratio	91.57	-	96.90

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.66	16.67	17.26
Price/Book Ratio	2.91	2.05	2.15
Geom Avg Mkt Cap \$B	55.05	65.35	39.85
ROE	22.71	19.21	18.92

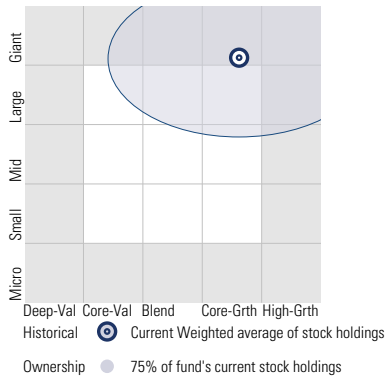
# American Funds New Perspective R6 RNPGX

**Morningstar Category**  
World Large Stock

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

## Style Analysis as of 12-31-2020

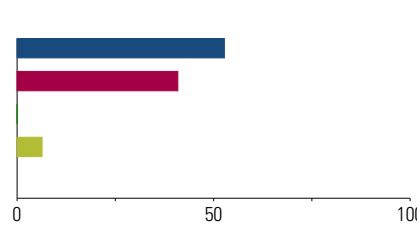
Morningstar Style Box™



## Style Breakdown

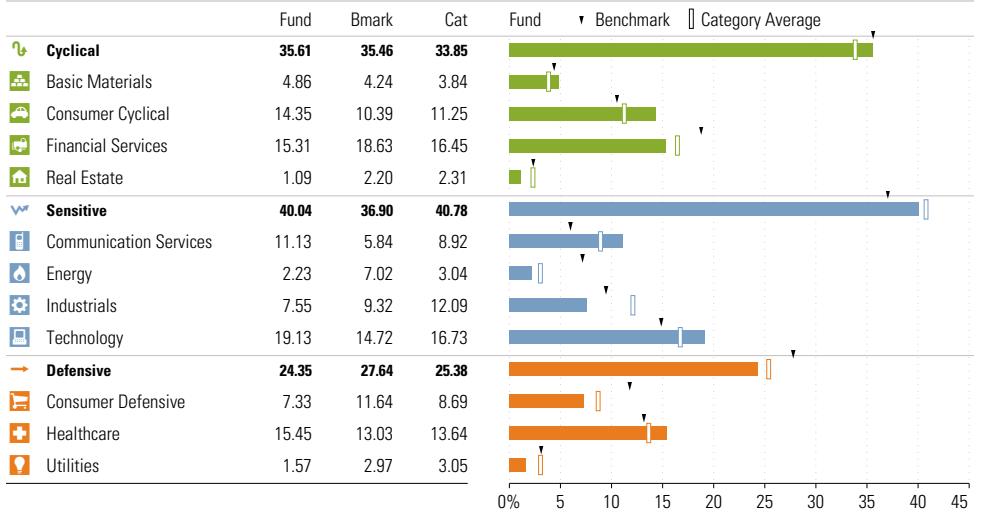


## Asset Allocation as of 12-31-2020



Asset Class	Net %	Cat%
US Stocks	52.74	53.76
Non-US Stocks	40.90	42.39
Bonds	0.02	0.23
Cash	6.35	2.70
Other	0.00	0.93
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2020



## World Regions % Equity 12-31-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	13.28	16.21	Americas	59.55	58.90	Greater Europe	27.16	24.88	Developed Markets	95.76
Japan	5.23	6.06	North America	57.93	58.05	United Kingdom	5.11	6.41	Emerging Markets	4.24
Australasia	0.21	0.94	Central/Latin	1.62	0.85	W euro-ex UK	20.84	17.80	Not Available	0.00
Asia-4 Tigers	6.30	3.86				Emrgng Europe	0.37	0.28		
Asia-ex 4 Tigers	1.54	5.35				Africa	0.84	0.39		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 12-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	5.77	5.77	—	—
⊕ Amazon.com Inc	3.97	9.74	76.26	Consumer Cyclical
⊖ Microsoft Corp	3.29	13.03	42.37	Technology
⊕ Facebook Inc A	2.95	15.98	33.09	Communication Svc
Taiwan Semiconductor Manufacturing Co Ltd	2.31	18.29	63.14	Technology
Tesla Inc	2.22	20.51	743.44	Consumer Cyclical
⊖ Mastercard Inc A	1.81	22.31	20.08	Financial Services
⊕ Netflix Inc	1.65	23.96	67.11	Communication Svc
⊖ Intuitive Surgical Inc	1.40	25.36	38.39	Healthcare
⊖ Visa Inc Class A	1.38	26.74	17.06	Financial Services

**Total Holdings 304**

⊕ 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
- Piyada Phanaphat since 01-2021
- Akira Shiraishi since 01-2021

## 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 21.56 years.

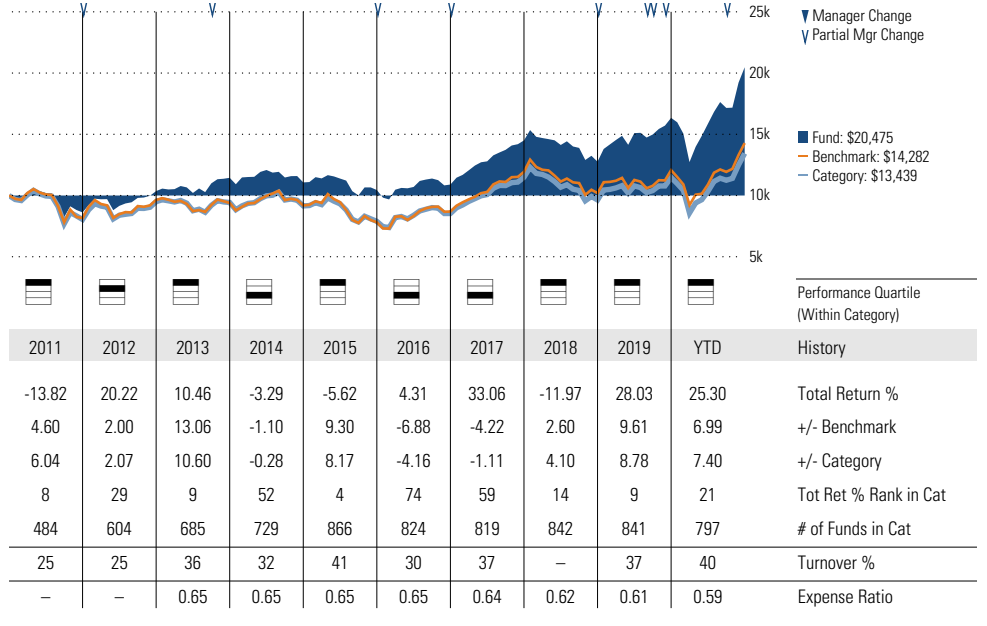
**Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

**Net Expense:** The fund's expense ratio of 0.59 is 52.03% lower than the Diversified Emerging Mkts category average.

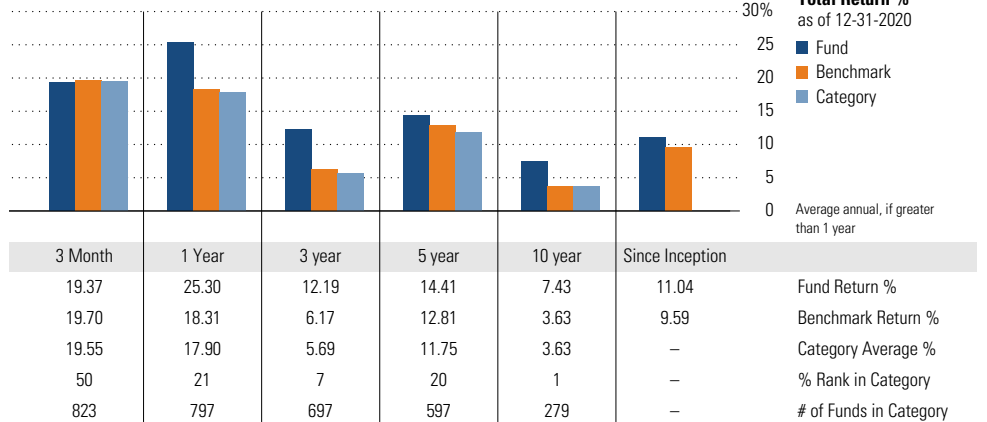
## Morningstar Investment Management LLC Analysis

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

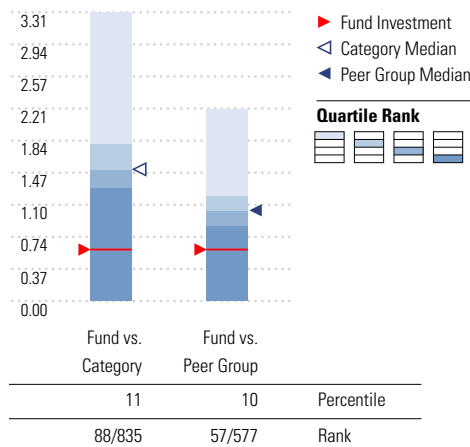
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	6.25	-	0.33
Beta	0.88	-	0.99
R-Squared	89.29	-	91.69
Standard Deviation	18.50	19.88	20.63
Sharpe Ratio	0.63	0.32	0.32
Tracking Error	6.51	-	5.75
Information Ratio	0.92	-	0.00
Up Capture Ratio	100.81	-	99.51
Down Capture Ratio	78.51	-	99.07

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.36	12.62	13.55
Price/Book Ratio	2.31	1.49	1.87
Geom Avg Mkt Cap \$B	20.17	19.61	20.39
ROE	19.75	17.14	20.22

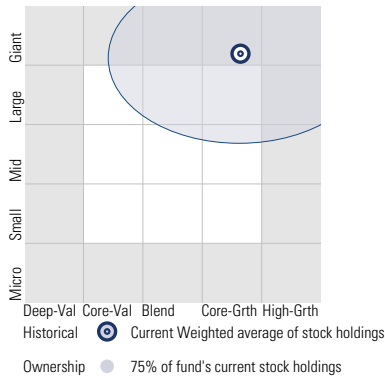
# American Funds New World R6 RNWGX

**Morningstar Category**  
Diversified Emerging Mkts

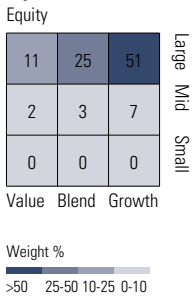
**Morningstar Index**  
MSCI EM NR USD

## Style Analysis as of 12-31-2020

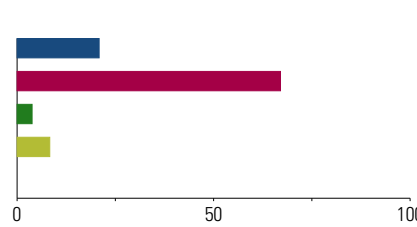
Morningstar Style Box™



## Style Breakdown

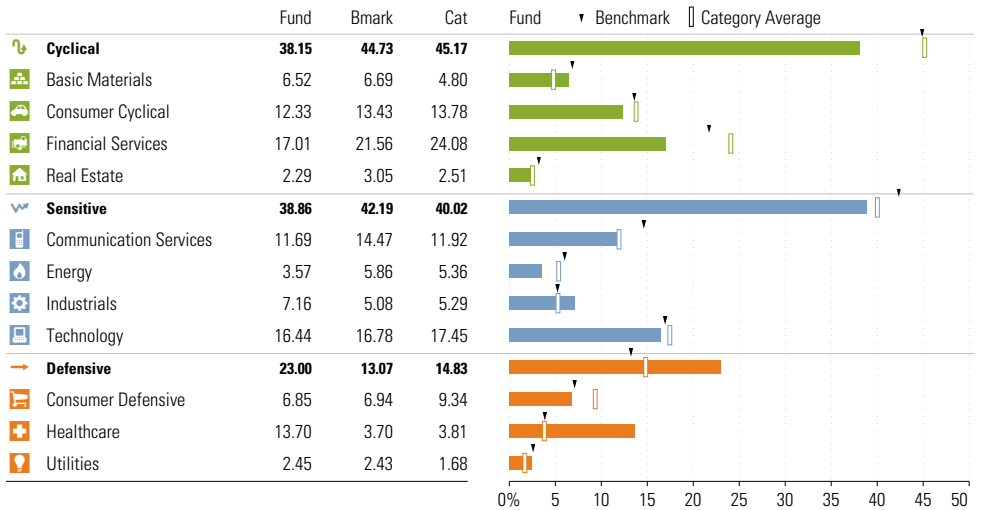


## Asset Allocation as of 12-31-2020



Asset Class	Net %	Cat%
US Stocks	20.87	2.97
Non-US Stocks	67.02	94.45
Bonds	3.81	0.48
Cash	8.31	1.54
Other	0.00	0.56
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2020



## World Regions % Equity 12-31-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	40.35	71.09	Americas	34.09	14.36	Greater Europe	25.58	14.55	Developed Markets	60.64
Japan	6.10	0.10	North America	24.72	1.90	United Kingdom	3.58	0.75	Emerging Markets	39.36
Australasia	0.56	0.01	Central/Latin	9.37	12.46	W euro-ex UK	18.07	1.66	Not Available	0.00
Asia-4 Tigers	7.39	23.83				Emrgng Europe	1.95	6.89		
Asia-ex 4 Tigers	26.30	47.15				Africa	1.98	5.25		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 12-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	7.64	7.64	-	-
Microsoft Corp	2.60	10.25	42.37	Technology
Tencent Holdings Ltd	1.97	12.22	51.01	Communication Svc
Kotak Mahindra Bank Ltd	1.76	13.98	18.48	Financial Services
Reliance Industries Ltd	1.48	15.46	32.80	Energy
Taiwan Semiconductor Manufacturing Co Ltd	1.47	16.93	63.14	Technology
AIA Group Ltd	1.45	18.38	18.26	Financial Services
Mastercard Inc A	1.36	19.74	20.08	Financial Services
Facebook Inc A	1.34	21.08	33.09	Communication Svc
Alphabet Inc Class C	1.27	22.35	31.03	Communication Svc

**Total Holdings 517**

⊕ 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 13.01 years.

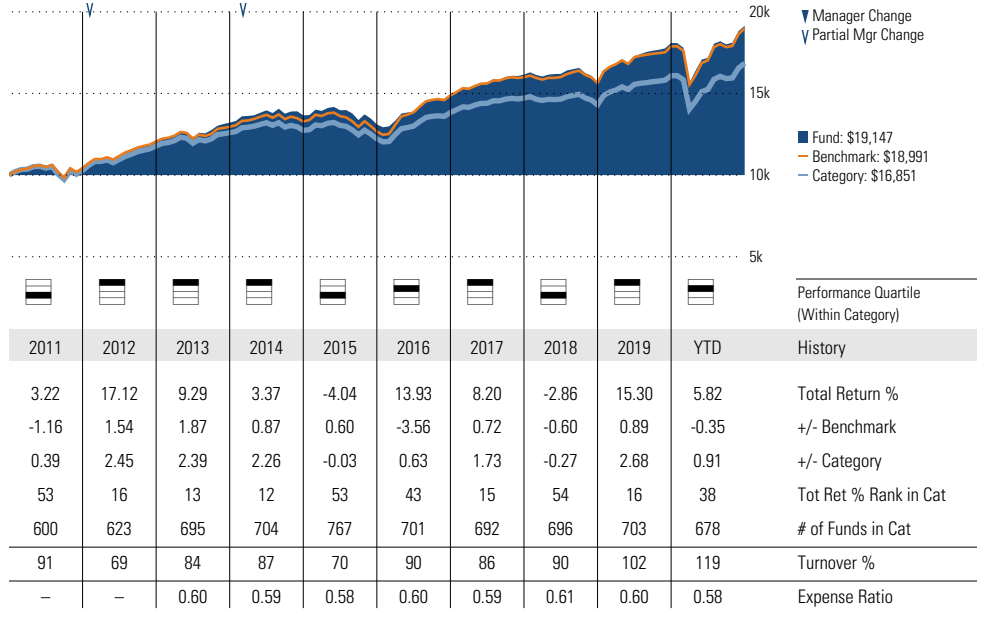
Style Consistency is not calculated for Fixed Income funds.

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

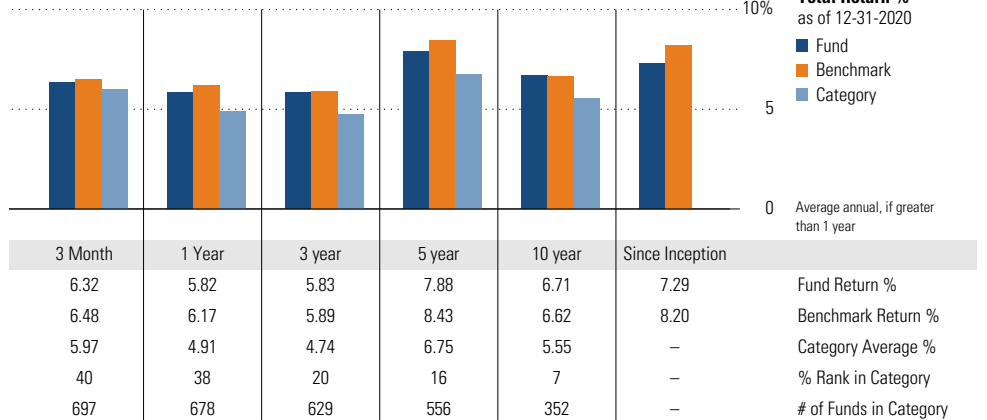
## Morningstar Investment Management LLC Analysis

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.

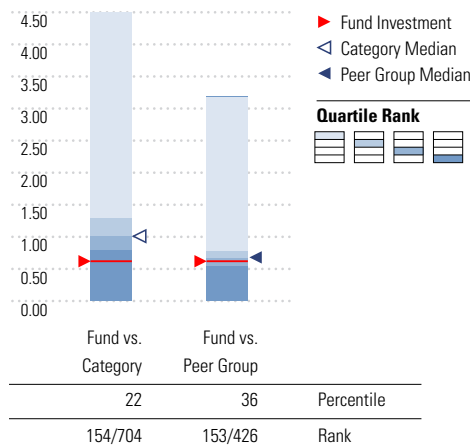
## Growth of \$10,000



## 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	-0.18	-	-0.81
Beta	1.02	-	0.96
R-Squared	99.26	-	95.36
Standard Deviation	9.79	9.52	9.40
Sharpe Ratio	0.47	0.49	0.40
Tracking Error	0.87	-	2.26
Information Ratio	-0.07	-	-0.50
Up Capture Ratio	101.66	-	91.06
Down Capture Ratio	103.57	-	98.10

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	2.83	-	3.42
Avg Eff Maturity	6.94	-	5.85

# BlackRock High Yield Bond Instl BHYX

**Morningstar Category**  
High Yield Bond

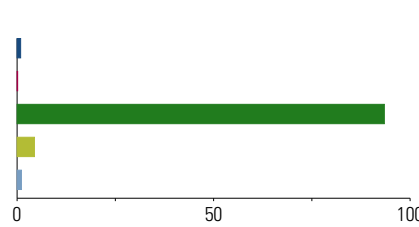
**Morningstar Index**  
ICE BofA US High Yield TR USD

## Style Analysis as of 12-31-2020

### Style Breakdown



## Asset Allocation as of 12-31-2020

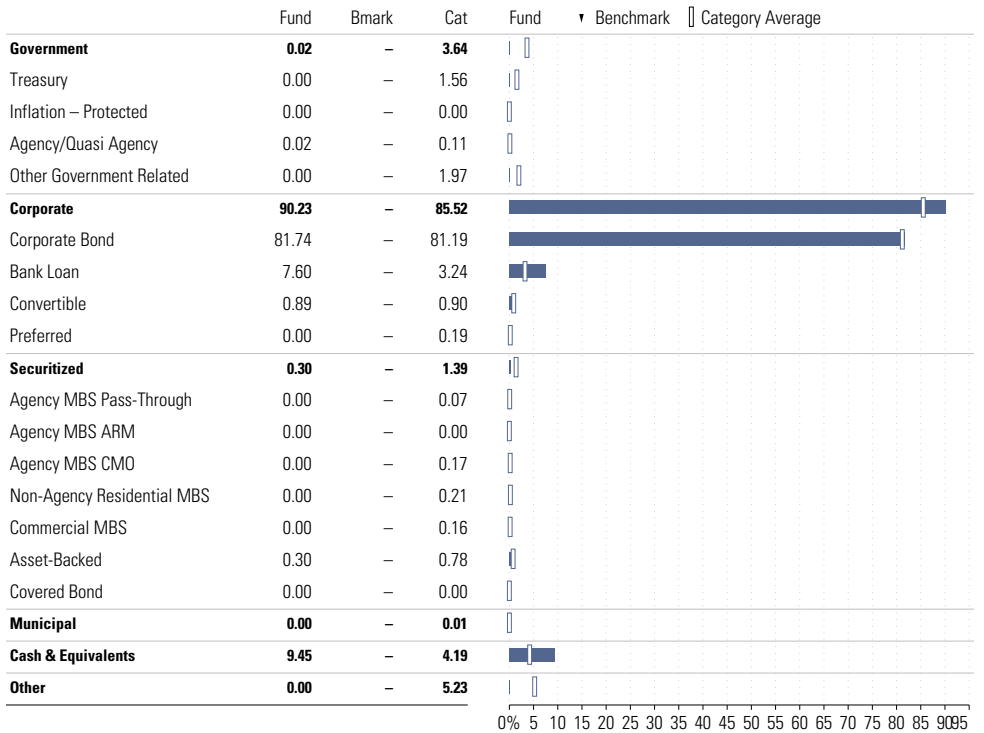


Asset Class	Net %	Cat%
US Stocks	0.90	0.63
Non-US Stocks	0.14	0.03
Bonds	93.44	97.30
Cash	4.41	2.13
Other	1.10	-0.11
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	0.03	-	1.78
AA	0.05	-	1.17
A	0.37	-	1.47
BBB	4.20	-	3.75
BB	34.23	-	37.28
B	44.68	-	40.07
Below B	16.19	-	13.25
Not Rated	0.25	-	1.23

## Sector Weighting as of 12-31-2020



## Top 10 Holdings as of 12-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ BlackRock Liquidity T-Fund Instl	-	7.78	7.78	-
⊕ Usd Cash(Committed)	-	5.44	13.22	-
⊖ TransDigm, Inc. 6.25%	03-2026	1.88	15.10	-
⊕ iShares iBoxx \$ High Yield Corp Bd ETF	-	1.81	16.91	-
⊕ SPDR® Blmbg Barclays High Yield Bd ETF	-	1.21	18.12	-
⊕ iShares iBoxx \$ Invmt Grade Corp Bd ETF	-	1.19	19.31	-
⊕ Oracle Corporation 3.6%	04-2050	0.75	20.06	-
⊕ Oracle Corporation 3.85%	04-2060	0.75	20.80	-
⊕ Solera, LLC / Solera Finance, Inc. 10.5%	03-2024	0.70	21.50	-
⊕ Cash Collateral Usd Xms	-	0.69	22.19	-

**Total Holdings 1337**

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# Invesco Balanced-Risk Commodity Strat R6 IBRFX

**Morningstar Category**  
Commodities Broad Basket

**Morningstar Index**  
Bloomberg Commodity TR USD

## Portfolio Manager(s)

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

## Quantitative Screens

✔ **Performance:** The fund has finished in the Commodities Broad Basket category's top three quartiles in 6 of the 8 years it's been in existence.

✔ **Management:** The fund's management has been in place for 10.09 years.

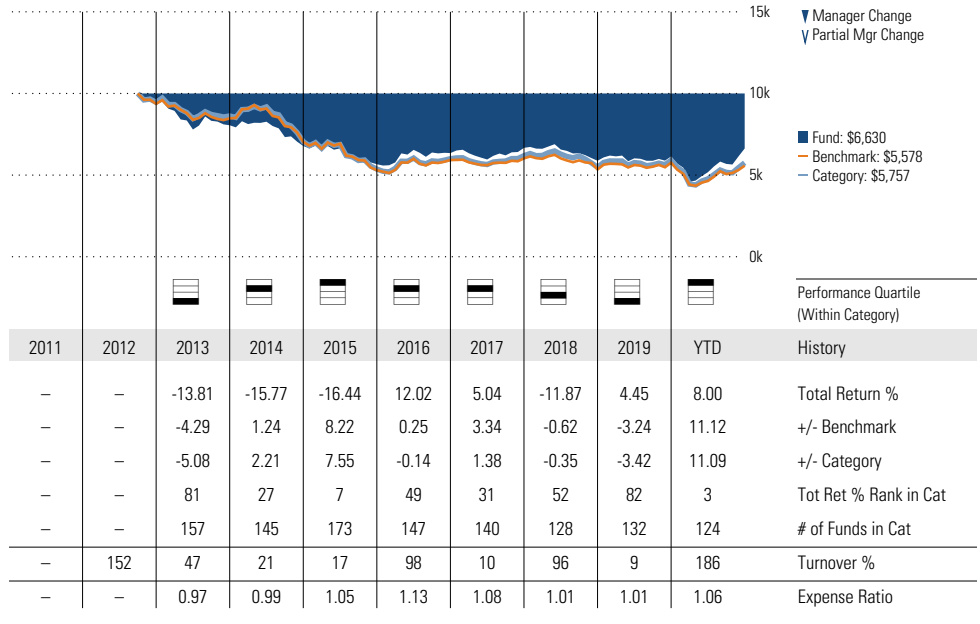
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 1.11 is 0.89% lower than the Commodities Broad Basket category average.

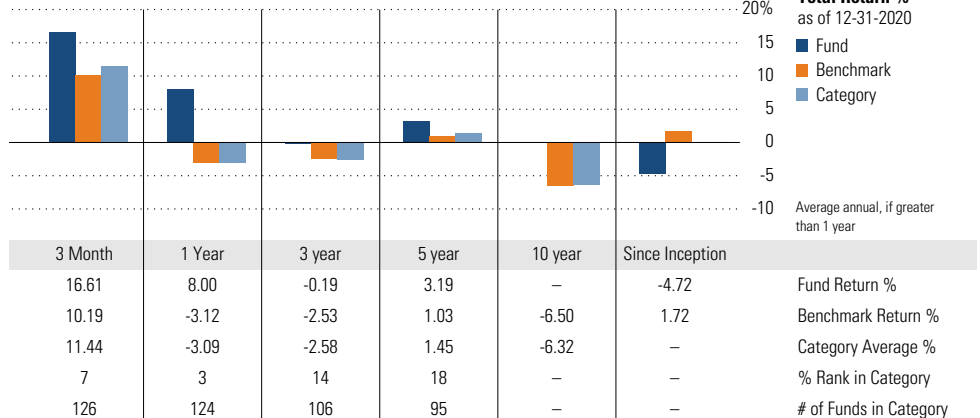
## Morningstar Investment Management LLC Analysis

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

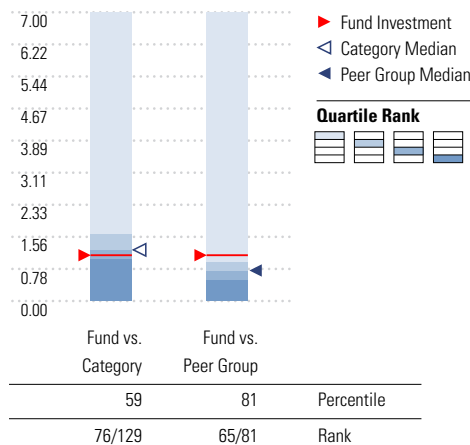
## Growth of \$10,000



## 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	2.74	-	0.62
Beta	1.05	-	1.10
R-Squared	84.51	-	83.48
Standard Deviation	16.09	14.13	17.28
Sharpe Ratio	-0.02	-0.22	-0.16
Tracking Error	6.37	-	7.46
Information Ratio	0.37	-	-0.02
Up Capture Ratio	107.75	-	111.48
Down Capture Ratio	95.05	-	110.38

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	-	-	17.61
Price/Book Ratio	-	-	2.09
Geom Avg Mkt Cap \$B	-	-	34.02
ROE	-	-	11.39

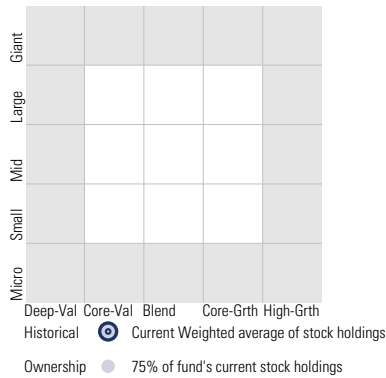
# Invesco Balanced-Risk Commodity Strat R6 IBRFX

**Morningstar Category**  
Commodities Broad Basket

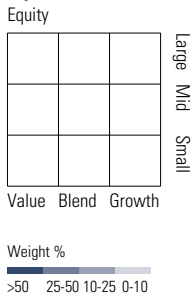
**Morningstar Index**  
Bloomberg Commodity TR USD

## Style Analysis as of 12-31-2020

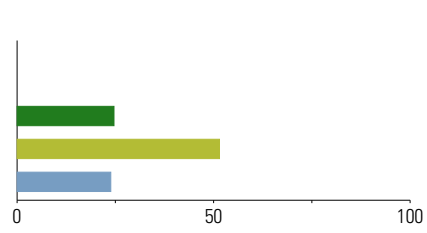
Morningstar Style Box™



## Style Breakdown

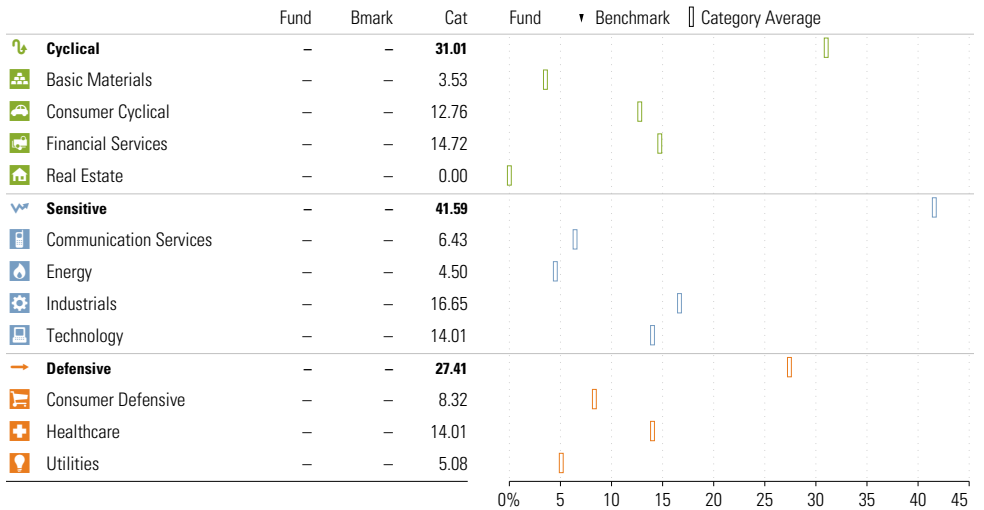


## Asset Allocation as of 12-31-2020



Asset Class	Net %	Cat%
US Stocks	0.00	2.73
Non-US Stocks	0.00	1.30
Bonds	24.65	22.39
Cash	51.50	67.83
Other	23.84	5.75
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2020



## Top 13 Holdings as of 12-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Invesco Cayman Commodity Fund Iii Hf	23.84	23.84	-	-
⊖ Invesco Shrt-Trm Inv Treasury Instl	15.47	39.31	-	-
⊖ Invesco Shrt-Trm Inv Gov&Agcy Instl	13.53	52.84	-	-
⊖ Invesco Shrt-Trm Inv Liq Assets Instl	9.69	62.53	-	-
United States Treasury Notes 1.57%	7.40	69.93	-	-
United States Treasury Notes 1.56%	6.40	76.33	-	-
United States Treasury Notes 1.53%	6.29	82.62	-	-
⊕ United States Treasury Bills 0%	4.87	87.49	-	-
⊕ United States Treasury Bills 0%	4.87	92.36	-	-
Barclays Bank plc 0.01%	3.59	95.95	-	-
International Bank for Reconstruction and Development 1.57%	2.93	98.89	-	-
⊕ Barclays Bank plc 0%	1.11	100.00	-	-
⊕ Usd Currency Cash	0.00	100.00	-	-

## Total Holdings 13

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# JPMorgan US Equity R6 JUEMX

**Morningstar Category**  
Large Blend

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

## Portfolio Manager(s)

Scott Davis since 08-2014  
David Small since 07-2016

## 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 6.38 years.

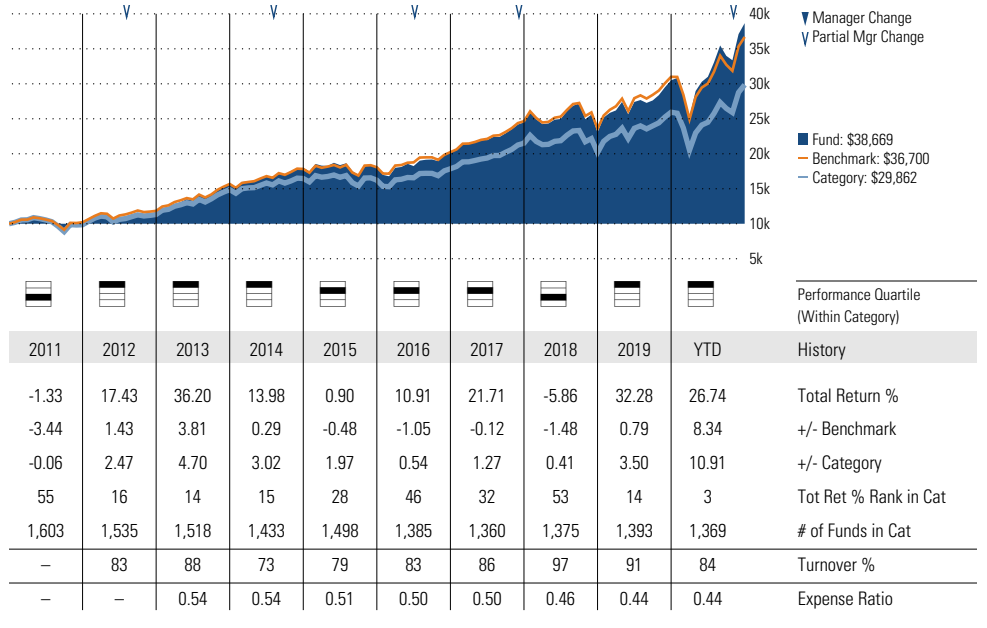
✘ **Style:** The fund has landed in its primary style box — Large Blend — 31.43 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.44 is 47.62% lower than the Large Blend category average.

## Morningstar Investment Management LLC Analysis

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

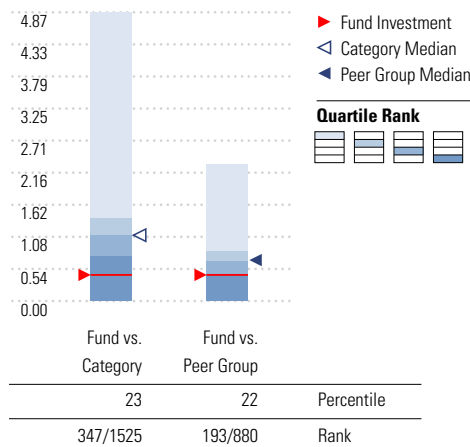
## Growth of \$10,000



## 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	-	-1.82
Beta	1.04	-	0.98
R-Squared	98.79	-	95.80
Standard Deviation	19.62	18.79	18.73
Sharpe Ratio	0.80	0.72	0.61
Tracking Error	2.28	-	3.64
Information Ratio	0.99	-	-1.14
Up Capture Ratio	105.70	-	92.86
Down Capture Ratio	99.48	-	99.18

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	19.53	18.71	17.87
Price/Book Ratio	2.62	2.74	2.65
Geom Avg Mkt Cap \$B	66.96	73.09	97.84
ROE	18.65	21.80	22.01

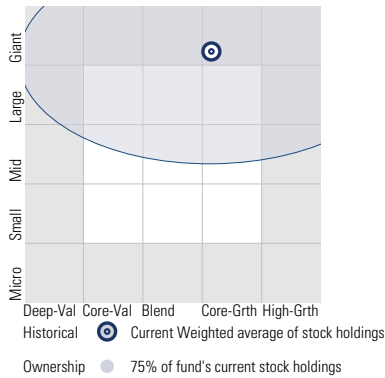
# JPMorgan US Equity R6 JUEMX

**Morningstar Category**  
Large Blend

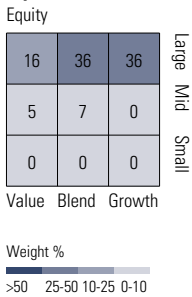
**Morningstar Index**  
S&P 500 TR USD

## Style Analysis as of 12-31-2020

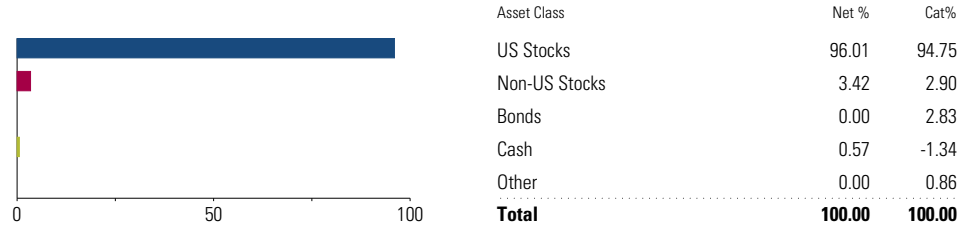
Morningstar Style Box™



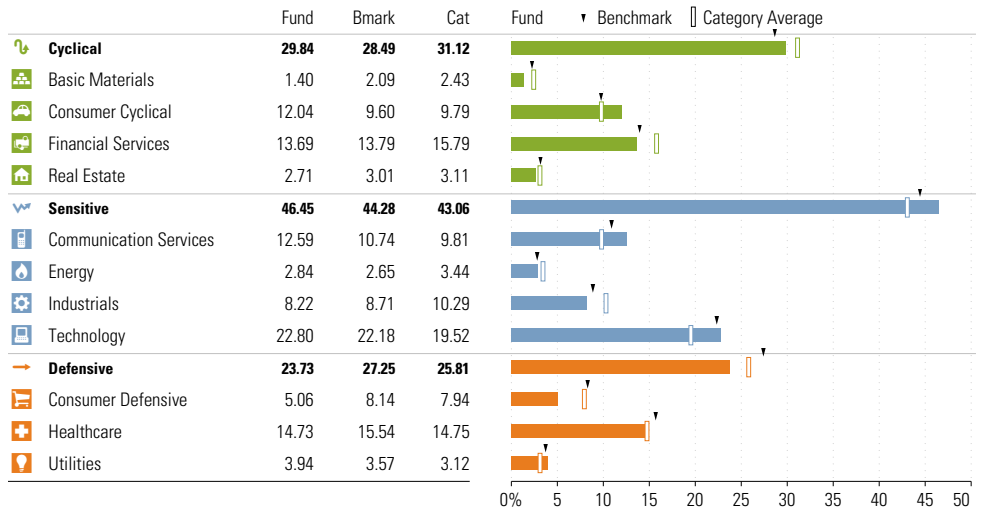
## Style Breakdown



## Asset Allocation as of 12-31-2020



## Sector Weighting as of 12-31-2020



## Top 15 Holdings as of 12-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	6.59	6.59	42.37	Technology
Amazon.com Inc	5.12	11.71	76.26	Consumer Cyclical
Alphabet Inc A	4.34	16.05	30.85	Communication Svc
Mastercard Inc A	3.48	19.53	20.08	Financial Services
Apple Inc	3.38	22.91	81.85	Technology
Coca-Cola Co	3.18	26.09	2.04	Consumer Defensive
Northrop Grumman Corp	2.73	28.82	-9.76	Industrials
Prologis Inc	2.69	31.51	14.40	Real Estate
UnitedHealth Group Inc	2.59	34.10	20.93	Healthcare
Salesforce.com Inc	2.52	36.63	36.82	Technology
Taiwan Semiconductor Manufacturing Co Ltd ADR	2.44	39.06	90.63	Technology
Norfolk Southern Corp	2.29	41.35	24.33	Industrials
NextEra Energy Inc	2.18	43.53	29.75	Utilities
Texas Instruments Inc	2.15	45.68	30.84	Technology
Eaton Corp PLC	2.15	47.82	29.92	Industrials

**Total Holdings 64**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Metropolitan West Total Return Bd I MWTIX

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

## Portfolio Manager(s)

Laird Landmann since 03-1997  
 Stephen Kane since 03-1997  
 Tad Rivelle since 03-1997  
 Bryan Whalen since 12-2004

## Quantitative Screens

✔ **Performance:** The fund has finished in the Intermediate Core-Plus Bond category's top three quartiles in 8 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 23.77 years.

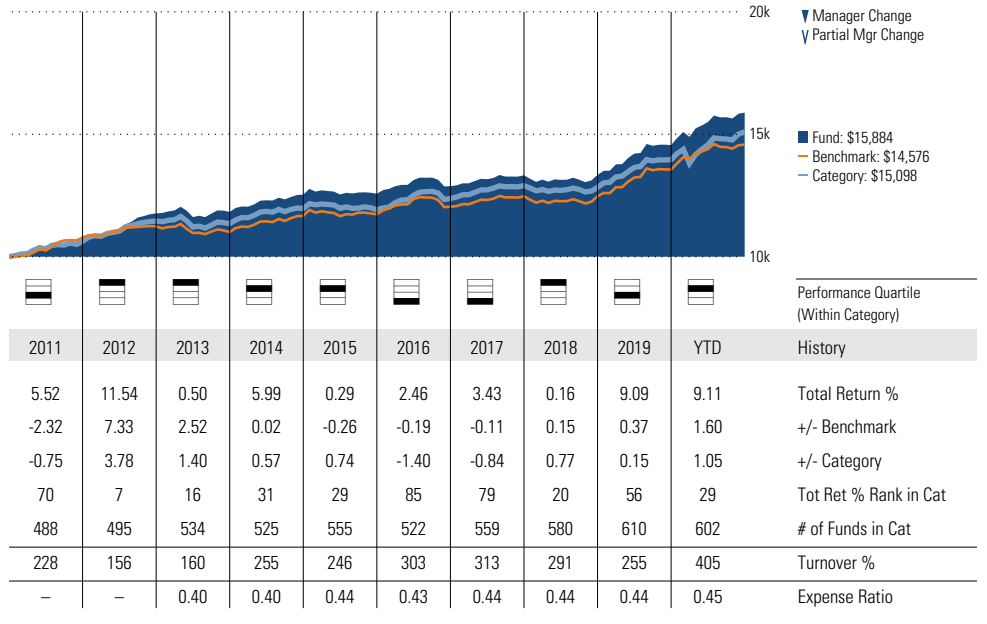
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.46 is 40.26% lower than the Intermediate Core-Plus Bond category average.

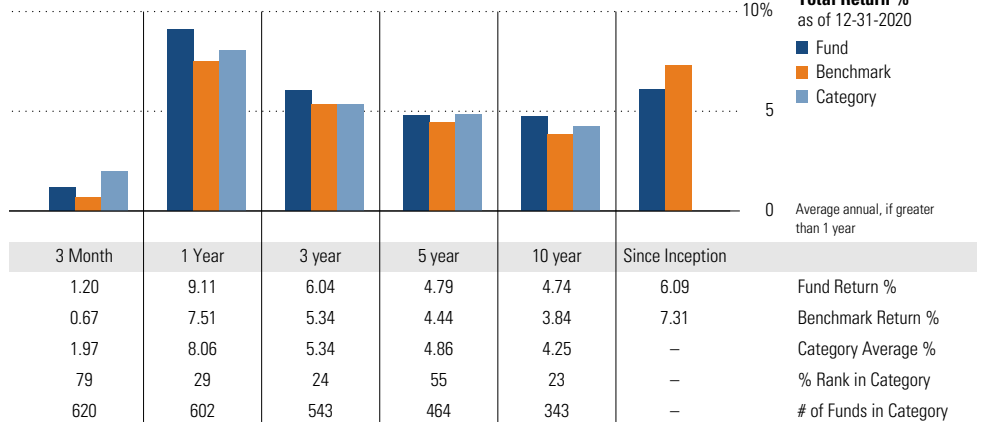
## Morningstar Investment Management LLC Analysis

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

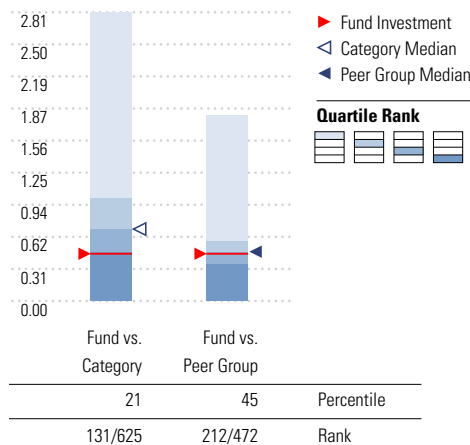
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.54	-	0.17
Beta	1.02	-	1.00
R-Squared	96.49	-	61.47
Standard Deviation	3.54	3.40	4.55
Sharpe Ratio	1.25	1.11	0.90
Tracking Error	0.67	-	2.90
Information Ratio	1.04	-	0.06
Up Capture Ratio	107.71	-	109.33
Down Capture Ratio	96.60	-	124.06

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	5.92	4.43	-
Avg Eff Maturity	7.46	-	-

# Metropolitan West Total Return Bd I MWTIX

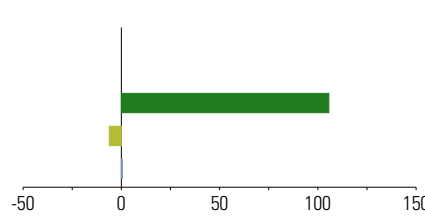
**Morningstar Category** Intermediate Core-Plus Bond  
**Morningstar Index** BBgBarc US Agg Bond TR USD

## Style Analysis as of 12-31-2020

### Style Breakdown



## Asset Allocation as of 12-31-2020

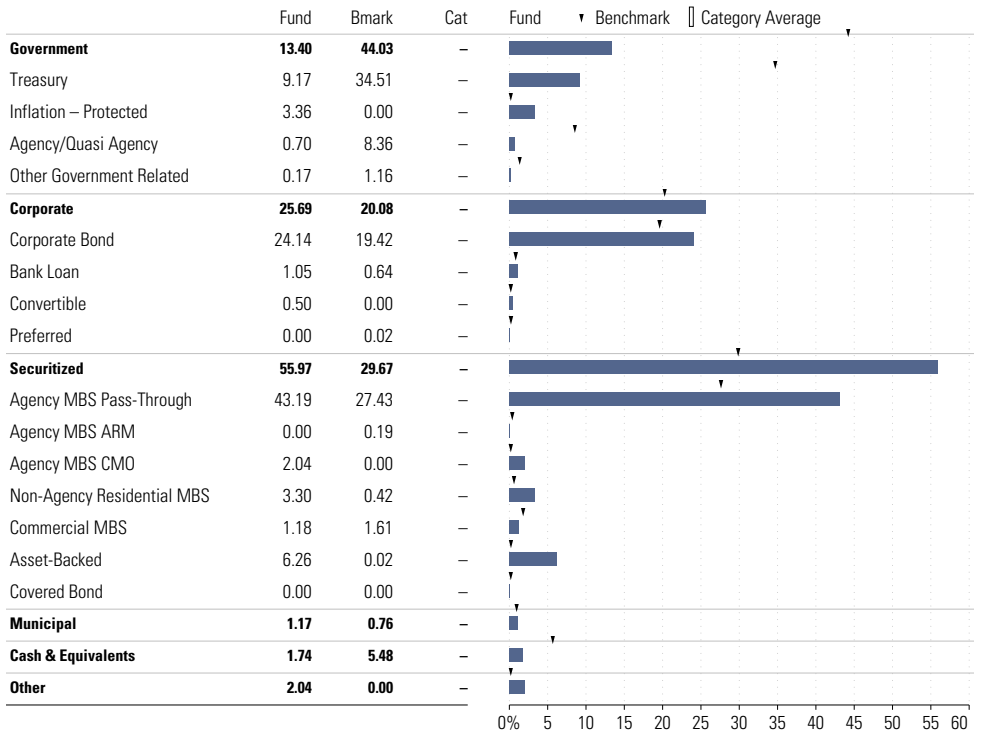


Asset Class	Net %	Cat%
US Stocks	0.00	—
Non-US Stocks	0.00	—
Bonds	105.60	—
Cash	-6.15	—
Other	0.55	—
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	70.22	3.53	—
AA	1.57	74.59	—
A	5.77	10.82	—
BBB	17.07	8.32	—
BB	1.59	0.28	—
B	0.62	0.00	—
Below B	3.15	0.00	—
Not Rated	0.01	2.46	—

## Sector Weighting as of 12-31-2020



## Top 10 Holdings as of 12-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Federal National Mortgage Association 2.5%	05-2035	9.90	9.90	—
✱ Cash & Cash Equivalents	—	8.09	17.99	—
⊕ Federal National Mortgage Association 3%	05-2050	6.32	24.31	—
⊕ United States Treasury Notes 0.5%	03-2025	4.19	28.50	—
⊕ Federal National Mortgage Association 2.5%	05-2050	2.93	31.43	—
⊕ United States Treasury Bonds 2%	02-2050	2.88	34.31	—
⊕ Usd/Jpy Fwd 20200608 00418	06-2020	1.66	35.97	—
⊕ Jpy/Usd Fwd 20200608 00418	06-2020	1.64	37.60	—
⊕ United States Treasury Bonds 0.25%	02-2050	1.45	39.05	—
⊕ Federal National Mortgage Association 3.5%	05-2050	1.44	40.50	—

## Total Holdings 2048

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# MFS Mid Cap Growth R6 OTCKX

**Morningstar Category**  
Mid-Cap Growth

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

## Portfolio Manager(s)

Eric Fischman since 11-2008

Paul Gordon since 05-2011

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 12.12 years.

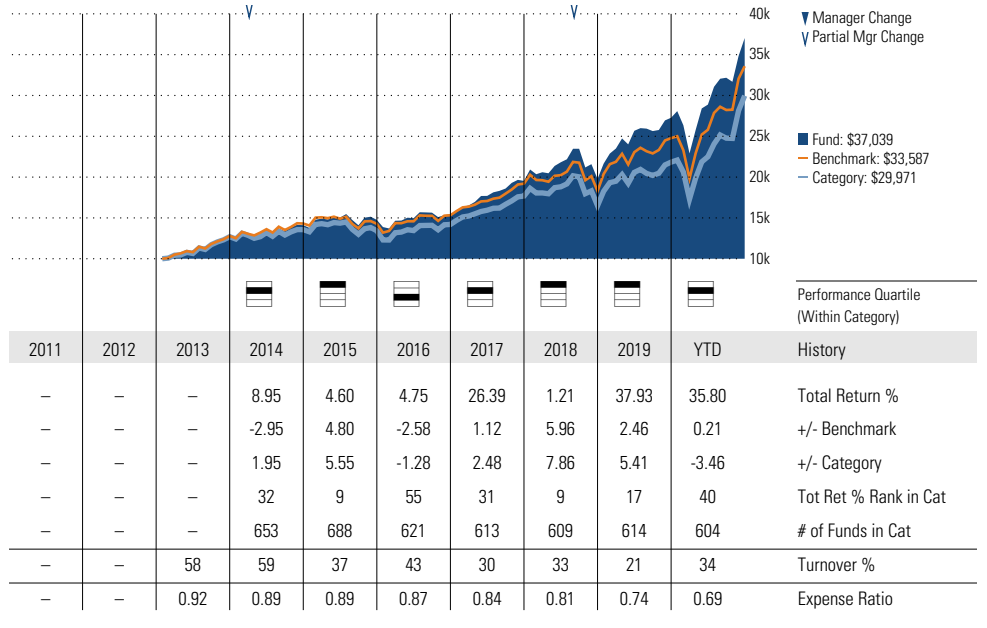
✔ **Style:** The fund has landed in its primary style box — Mid-Cap Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.7 is 37.5% lower than the Mid-Cap Growth category average.

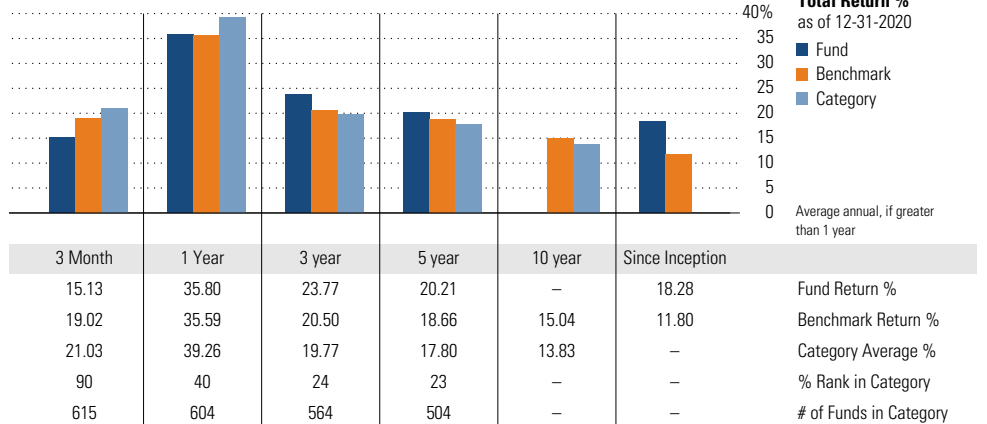
## Morningstar Investment Management LLC Analysis

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.

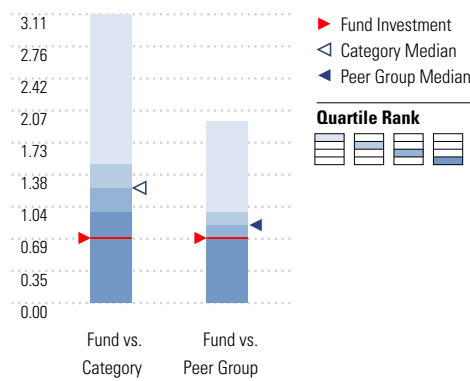
## Growth of \$10,000



## 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	5.01	-	0.27
Beta	0.87	-	1.01
R-Squared	96.01	-	93.61
Standard Deviation	19.29	21.75	22.71
Sharpe Ratio	1.13	0.90	0.88
Tracking Error	4.80	-	5.78
Information Ratio	0.68	-	-0.12
Up Capture Ratio	95.91	-	101.08
Down Capture Ratio	78.80	-	101.27

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	26.79	24.43	24.72
Price/Book Ratio	4.39	4.75	4.01
Geom Avg Mkt Cap \$B	10.33	11.70	9.33
ROE	18.68	21.26	18.42

# MFS Mid Cap Growth R6 OTCKX

Morningstar Category

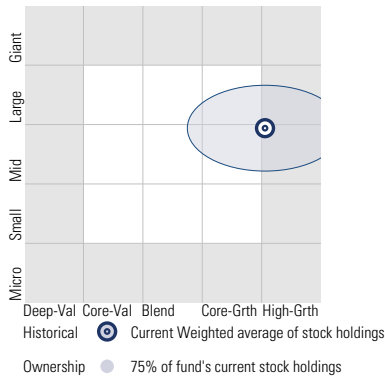
Mid-Cap Growth

Morningstar Index

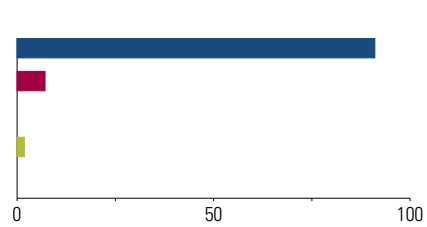
Russell Mid Cap Growth TR USD

## Style Analysis as of 12-31-2020

Morningstar Style Box™

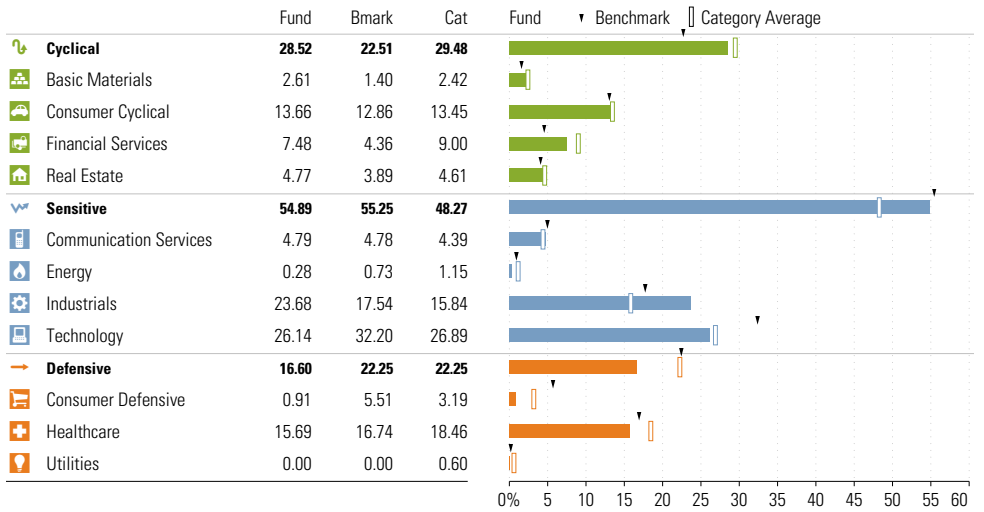


## Asset Allocation as of 12-31-2020

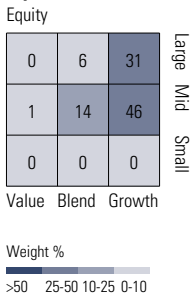


Asset Class	Net %	Cat%
US Stocks	91.03	92.13
Non-US Stocks	7.11	5.05
Bonds	0.00	0.05
Cash	1.86	2.46
Other	0.00	0.33
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2020



## Style Breakdown



## Top 15 Holdings as of 12-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Global Payments Inc	3.97	3.97	18.43	Industrials
⊕ Bright Horizons Family Solutions Inc	3.75	7.72	15.10	Consumer Cyclical
⊕ PerkinElmer Inc	2.26	9.99	48.07	Healthcare
⊕ Copart Inc	2.26	12.24	39.93	Industrials
⊕ Verisk Analytics Inc	2.20	14.44	39.73	Industrials
⊕ Steris PLC	2.19	16.64	25.36	Healthcare
⊕ Fidelity National Information Services Inc	2.15	18.78	2.71	Technology
⊕ MSCI Inc	2.11	20.89	74.08	Financial Services
⊕ Cadence Design Systems Inc	2.04	22.93	96.70	Technology
⊕ AMETEK Inc	2.01	24.94	21.98	Industrials
⊕ IHS Markit Ltd	1.98	26.92	20.12	Industrials
⊕ SBA Communications Corp	1.96	28.89	17.84	Real Estate
⊕ Autodesk Inc	1.88	30.77	66.43	Technology
⊖ Fiserv Inc	1.88	32.65	-1.53	Technology
⊕ Roper Technologies Inc	1.87	34.52	22.28	Industrials

Total Holdings 94

⊕ 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 13.77 years.

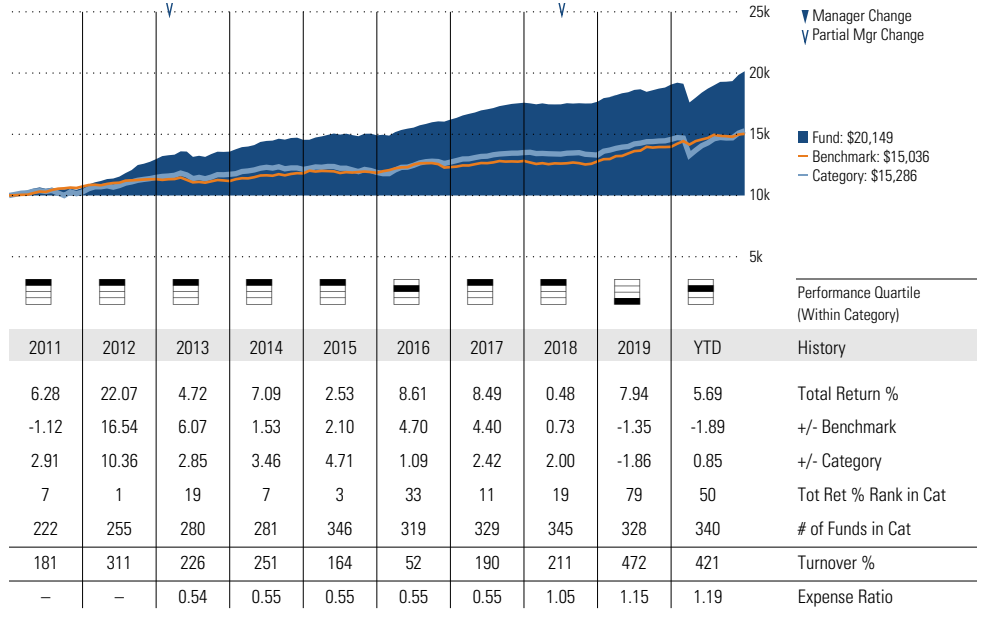
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 1.19 is 14.42% higher than the Multisector Bond category average.

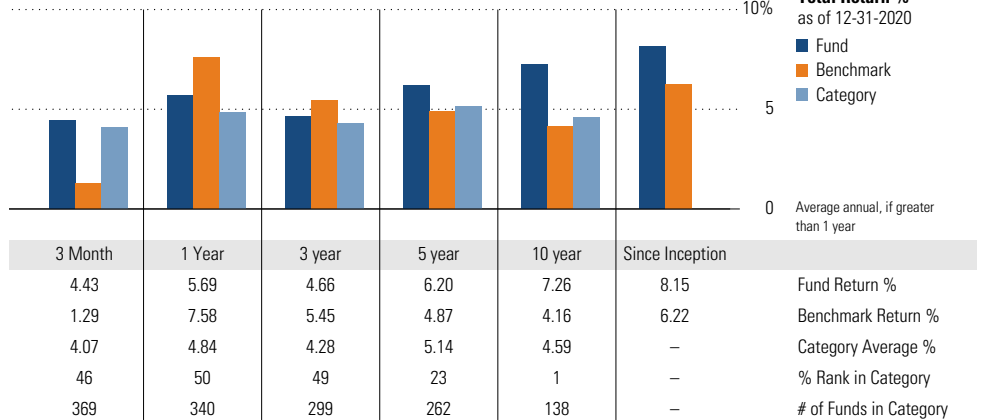
## Morningstar Investment Management LLC Analysis

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.

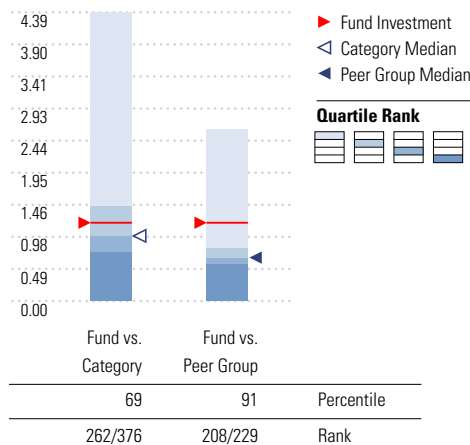
## Growth of \$10,000



## 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	0.09	-	-2.35
Beta	0.86	-	1.30
R-Squared	26.50	-	36.27
Standard Deviation	5.78	3.45	7.84
Sharpe Ratio	0.56	1.13	0.45
Tracking Error	4.98	-	6.51
Information Ratio	-0.16	-	-0.17
Up Capture Ratio	85.86	-	104.77
Down Capture Ratio	86.36	-	157.93

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	0.91	4.55	4.46
Avg Eff Maturity	2.59	7.69	7.31

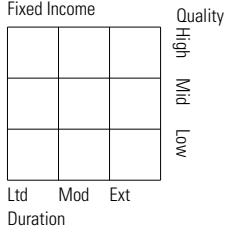
# PIMCO Income I2 PONPX

**Morningstar Category**  
Multisector Bond

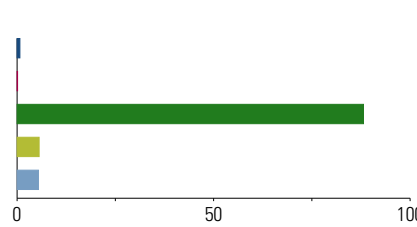
**Morningstar Index**  
BBgBarc US Universal TR USD

## Style Analysis as of 12-31-2020

### Style Breakdown



## Asset Allocation as of 12-31-2020

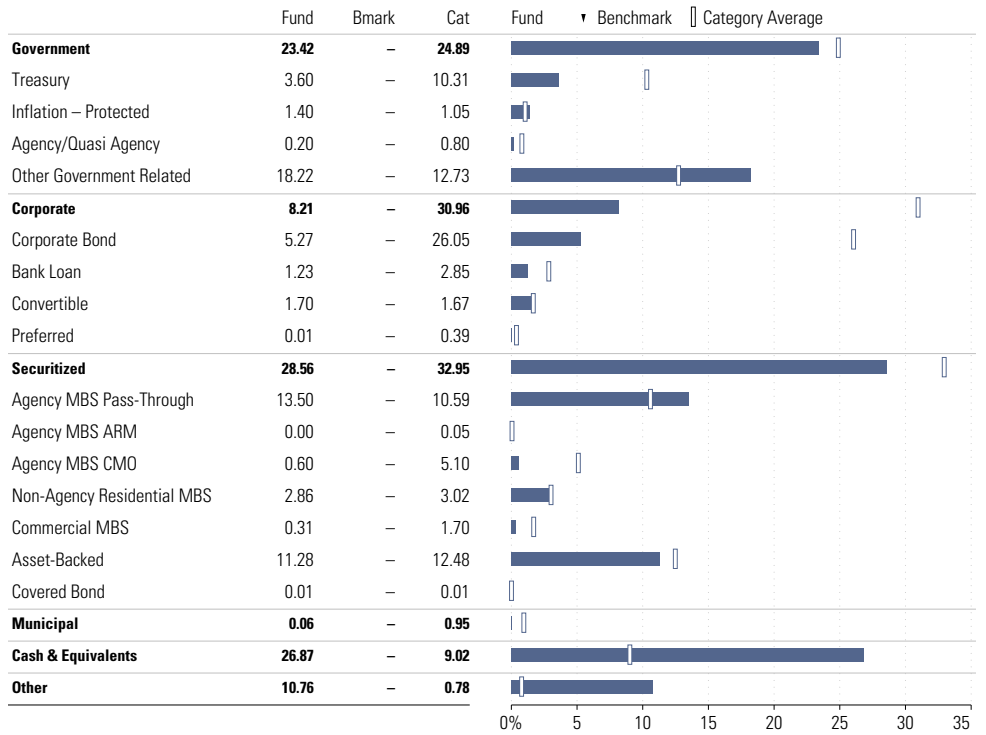


Asset Class	Net %	Cat%
US Stocks	0.71	1.28
Non-US Stocks	0.12	0.53
Bonds	88.14	101.85
Cash	5.60	-4.75
Other	5.43	1.10
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	56.00	67.64	22.70
AA	7.00	3.23	7.45
A	4.00	10.03	10.93
BBB	14.00	10.89	22.04
BB	6.00	3.19	19.28
B	7.00	3.64	11.34
Below B	6.00	1.38	3.07
Not Rated	0.00	0.00	3.19

## Sector Weighting as of 12-31-2020



## Top 10 Holdings as of 12-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
Irs Usd 3.00000 06/19/19-5y Cme	06-2024	13.62	13.62	-
Irs Jpy 0.45000 03/20/19-10y Lch	03-2029	13.31	26.93	-
⊕ Irs Jpy 0.45000 03/20/19-10y Lch	03-2029	12.91	39.84	-
⊕ Irs Usd 3.00000 06/19/19-5y Cme	06-2024	12.90	52.74	-
Irs Eur 0.00000 08/19/19-2y Lch	08-2021	12.27	65.02	-
⊕ Irs Eur 0.00000 08/19/19-2y Lch	08-2021	12.21	77.23	-
⊕ Offset: Unsettled Trades	-	11.19	88.41	-
⊕ 5 Year Treasury Note Future Mar 20	03-2020	9.59	98.00	-
⊕ Federal National Mortgage Association 3%	02-2050	7.98	105.98	-
Cirs Usd 4y Mat 3.85/2.00% M 7/2020 Dub	07-2022	7.50	113.48	-

## Total Holdings 7373

⊕ 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 4.68 years.

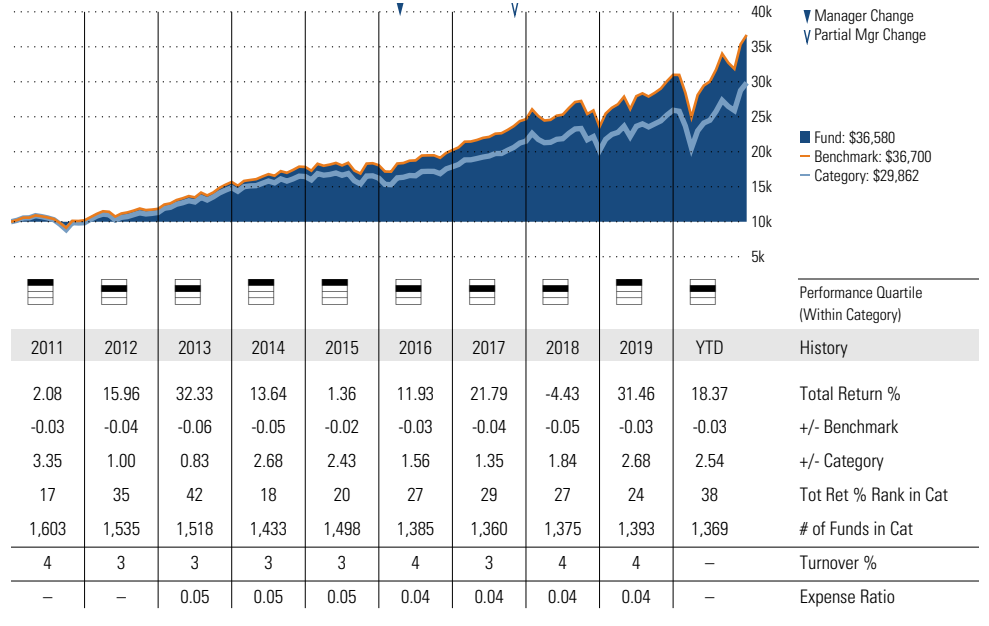
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.04 is 95.24% lower than the Large Blend category average.

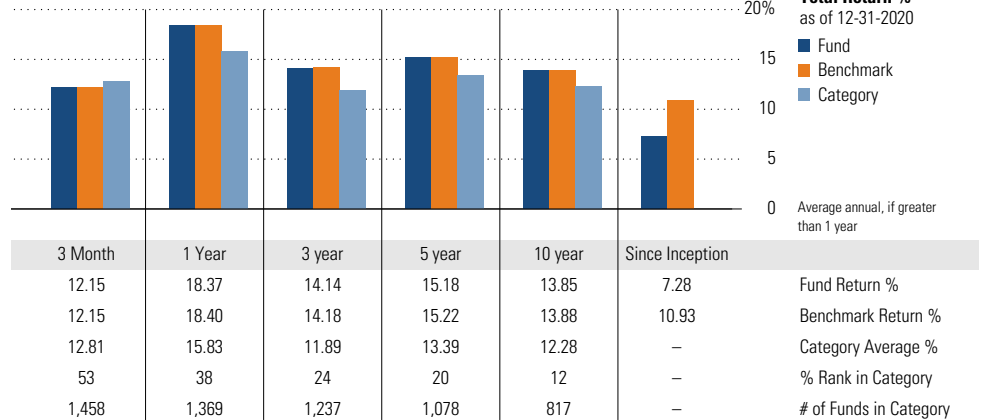
## Morningstar Investment Management LLC Analysis

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.

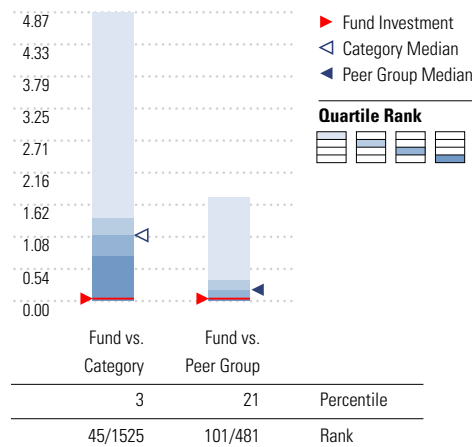
## Growth of \$10,000



## 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	—	-1.82
Beta	1.00	—	0.98
R-Squared	100.00	—	95.80
Standard Deviation	18.80	18.79	18.73
Sharpe Ratio	0.72	0.72	0.61
Tracking Error	0.01	—	3.64
Information Ratio	-3.67	—	-1.14
Up Capture Ratio	99.94	—	92.86
Down Capture Ratio	100.06	—	99.18

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.64	18.71	17.87
Price/Book Ratio	2.69	2.74	2.65
Geom Avg Mkt Cap \$B	71.43	73.09	97.84
ROE	21.19	21.80	22.01

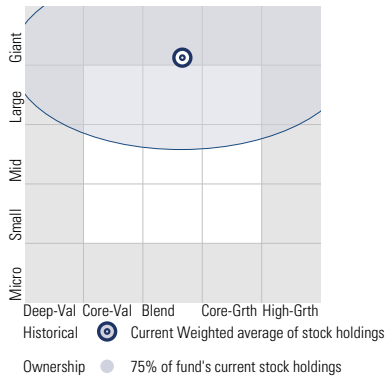
# Vanguard 500 Index Admiral VFIAX

**Morningstar Category**  
Large Blend

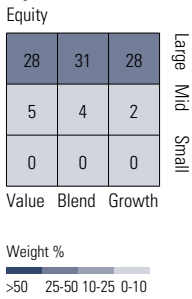
**Morningstar Index**  
S&P 500 TR USD

## Style Analysis as of 12-31-2020

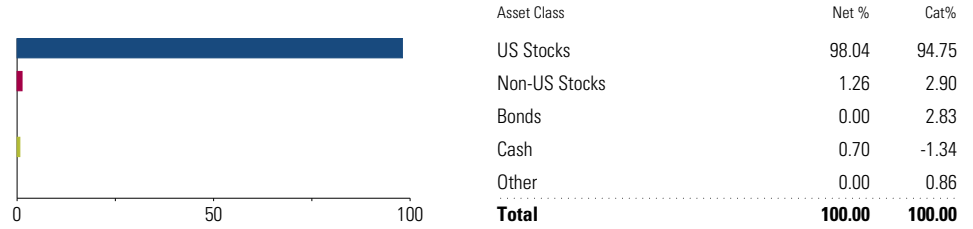
Morningstar Style Box™



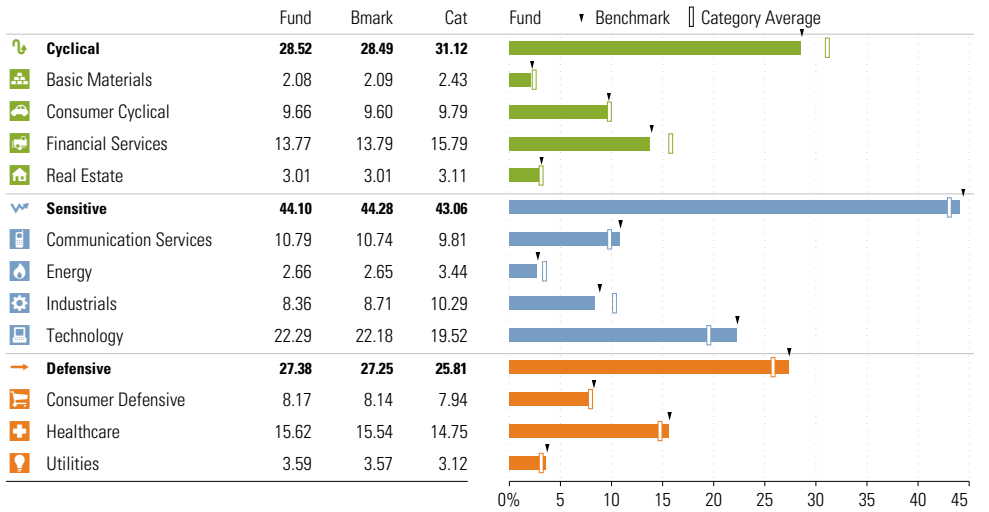
## Style Breakdown



## Asset Allocation as of 12-31-2020



## Sector Weighting as of 12-31-2020



## Top 15 Holdings as of 12-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Microsoft Corp	5.58	5.58	42.37	Technology
⊕ Apple Inc	4.93	10.51	81.85	Technology
⊕ Amazon.com Inc	3.77	14.28	76.26	Consumer Cyclical
⊕ Facebook Inc A	1.86	16.14	33.09	Communication Svc
⊕ Berkshire Hathaway Inc B	1.62	17.76	2.37	Financial Services
⊕ Alphabet Inc Class C	1.62	19.37	31.03	Communication Svc
⊕ Alphabet Inc A	1.61	20.99	30.85	Communication Svc
⊕ Johnson & Johnson	1.60	22.59	10.62	Healthcare
⊕ Visa Inc Class A	1.28	23.87	17.06	Financial Services
⊕ Procter & Gamble Co	1.27	25.14	13.90	Consumer Defensive
⊖ JPMorgan Chase & Co	1.24	26.38	-6.26	Financial Services
⊕ UnitedHealth Group Inc	1.10	27.48	20.93	Healthcare
⊕ Intel Corp	1.09	28.57	-14.55	Technology
⊕ Verizon Communications Inc	1.03	29.60	-0.29	Communication Svc
⊕ Mastercard Inc A	1.00	30.60	20.08	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 7.86 years.

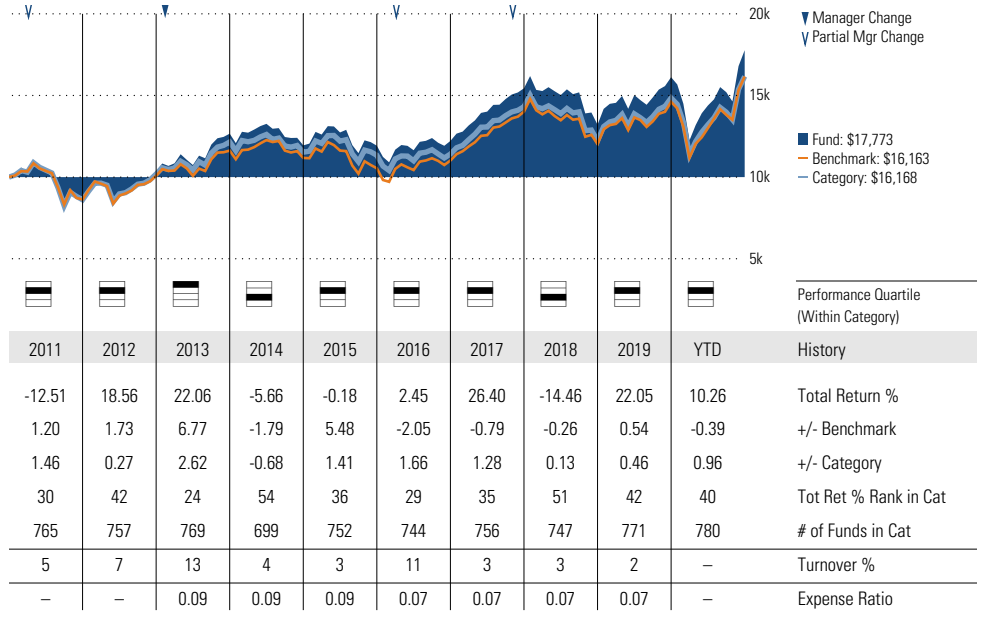
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.07 is 92.47% lower than the Foreign Large Blend category average.

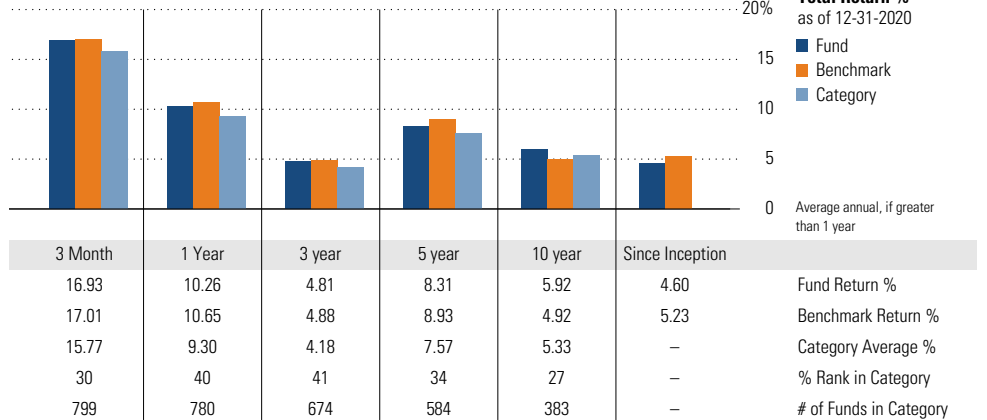
## Morningstar Investment Management LLC Analysis

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.

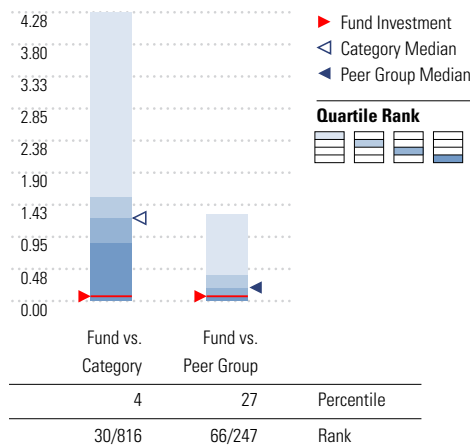
## Growth of \$10,000



## 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	-0.11	-	-0.30
Beta	1.02	-	1.00
R-Squared	97.73	-	95.36
Standard Deviation	18.86	18.19	18.63
Sharpe Ratio	0.26	0.27	0.25
Tracking Error	2.87	-	4.17
Information Ratio	-0.03	-	-0.11
Up Capture Ratio	100.73	-	98.36
Down Capture Ratio	101.17	-	99.83

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	15.41	15.22	15.82
Price/Book Ratio	1.50	1.58	1.72
Geom Avg Mkt Cap \$B	30.79	30.69	38.15
ROE	15.01	15.65	17.00

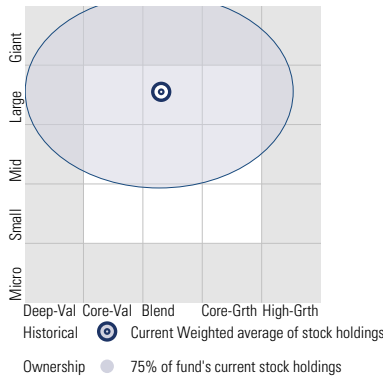
# Vanguard Developed Markets Index Admiral VTMGX

**Morningstar Category**  
Foreign Large Blend

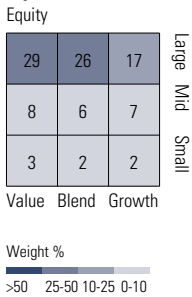
**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Style Analysis as of 12-31-2020

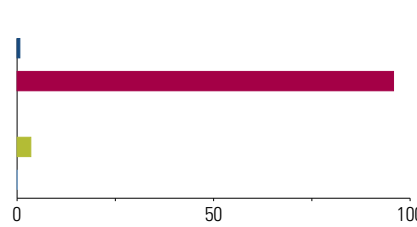
Morningstar Style Box™



## Style Breakdown

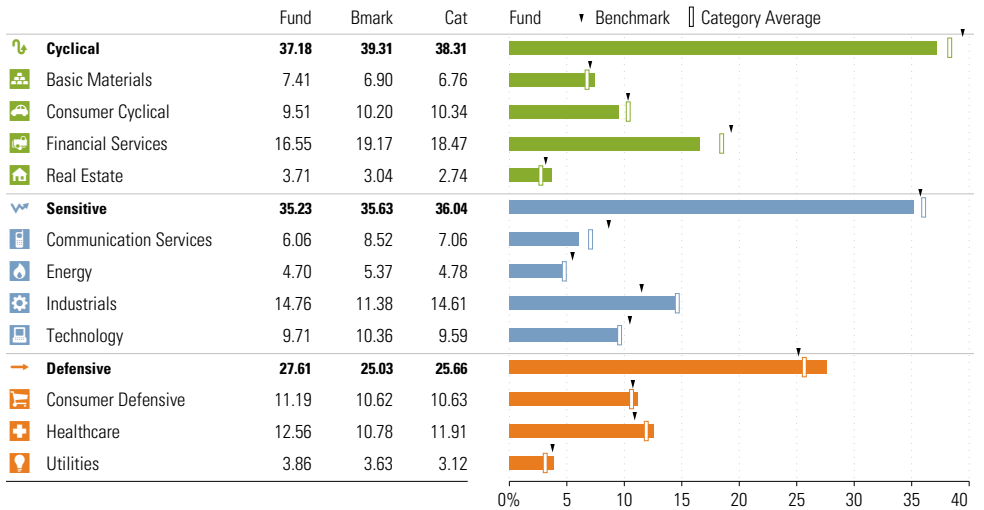


## Asset Allocation as of 12-31-2020



Asset Class	Net %	Cat%
US Stocks	95.78	93.37
Non-US Stocks	3.49	0.53
Bonds	0.00	0.97
Cash	3.49	0.53
Other	0.03	1.66
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2020



## World Regions % Equity 12-31-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %
Greater Asia	37.90	36.85	Americas	9.09	7.21	Greater Europe	53.02	55.95	Market Maturity	Fund %
Japan	23.83	20.13	North America	9.08	6.31	United Kingdom	13.05	14.42	Developed Markets	99.07
Australasia	5.49	4.93	Central/Latin	0.01	0.90	W euro-ex UK	38.90	40.46	Emerging Markets	0.93
Asia-4 Tigers	8.20	6.65				Emrgng Europe	0.53	0.44	Not Available	0.00
Asia-ex 4 Tigers	0.38	5.14				Africa	0.54	0.63		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 12-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Market Liquidity Inv	3.42	3.42	-	-
⊖ Nestle SA	1.92	5.35	2.08	Consumer Defensive
⊖ Roche Holding AG Dividend Right Cert.	1.45	6.80	4.82	Healthcare
⊕ Novartis AG	1.14	7.94	-5.77	Healthcare
⊖ Samsung Electronics Co Ltd	1.12	9.06	-	Technology
⊖ Toyota Motor Corp	0.96	10.02	6.07	Consumer Cyclical
⊖ AstraZeneca PLC	0.76	10.79	-0.88	Healthcare
⊖ HSBC Holdings PLC	0.74	11.52	-35.99	Financial Services
⊖ AIA Group Ltd	0.70	12.23	18.26	Financial Services
⊖ SAP SE	0.70	12.93	-9.57	Technology

**Total Holdings 3924**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard Growth Index Admiral VIGAX

**Morningstar Category**  
Large Growth

**Morningstar Index**  
Russell 1000 Growth TR USD

## Portfolio Manager(s)

Gerard O'Reilly since 12-1994

Walter Nejman since 04-2016

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 26.02 years.

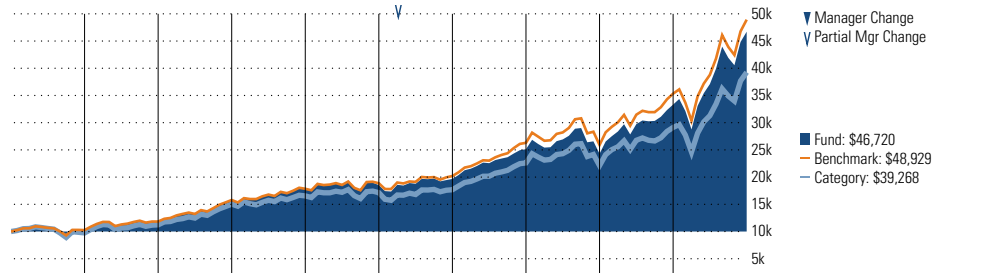
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.05 is 95% lower than the Large Growth category average.

## Morningstar Investment Management LLC Analysis

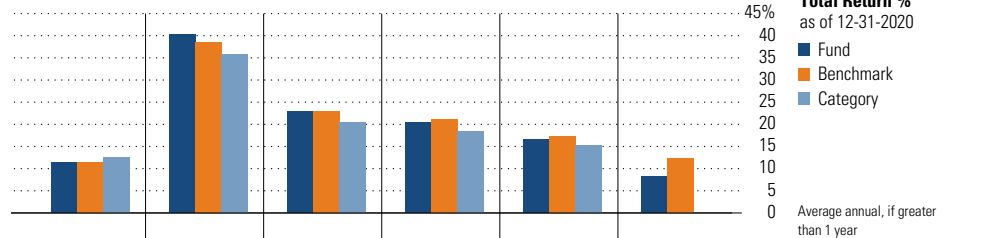
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Growth of \$10,000



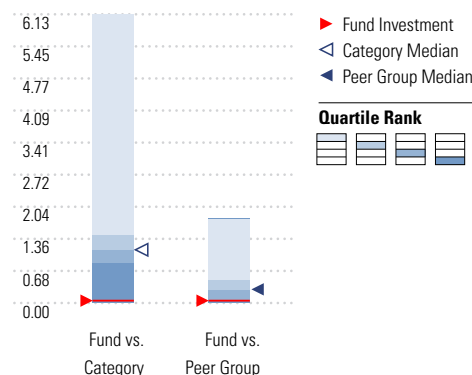
	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	Performance Quartile (Within Category)
Total Return %	1.87	17.01	32.40	13.63	3.30	6.12	27.80	-3.34	37.23	40.19	History
+/- Benchmark	-0.77	1.75	-1.08	0.58	-2.37	-0.96	-2.41	-1.83	0.84	1.70	
+/- Category	4.33	1.67	-1.52	3.63	-0.30	2.89	0.13	-1.25	5.33	4.33	
Tot Ret % Rank in Cat	15	30	63	14	53	28	50	63	12	28	
# of Funds in Cat	1,673	1,636	1,653	1,505	1,566	1,398	1,333	1,368	1,317	1,291	
Turnover %	23	21	32	9	9	11	8	11	11	-	
Expense Ratio	-	-	0.09	0.09	0.08	0.06	0.05	0.05	0.05	-	

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	
Fund Return %	11.44	40.19	22.97	20.32	16.67	8.28	
Benchmark Return %	11.39	38.49	22.99	21.00	17.21	12.19	
Category Average %	12.50	35.86	20.50	18.30	15.14	-	
% Rank in Category	57	28	30	24	25	-	
# of Funds in Category	1,322	1,291	1,204	1,081	796	-	

## Net Expense



	Fund vs. Category	Fund vs. Peer Group	Percentile Rank
26/1334	23/111		

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	-0.14	-	-1.35
Beta	1.01	-	0.98
R-Squared	99.68	-	94.31
Standard Deviation	20.09	19.92	20.14
Sharpe Ratio	1.06	1.06	0.96
Tracking Error	1.15	-	4.76
Information Ratio	-0.02	-	-0.62
Up Capture Ratio	100.06	-	94.55
Down Capture Ratio	100.20	-	98.54

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	23.79	21.82	23.08
Price/Book Ratio	4.49	5.15	4.39
Geom Avg Mkt Cap \$B	52.79	55.71	72.96
ROE	23.06	27.80	23.94

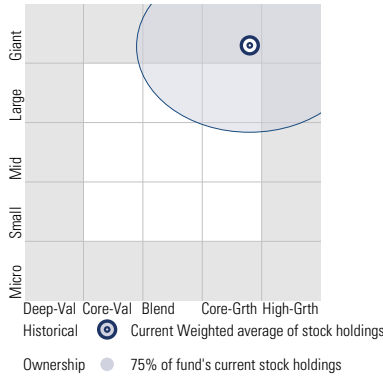
# Vanguard Growth Index Admiral VIGAX

**Morningstar Category**  
Large Growth

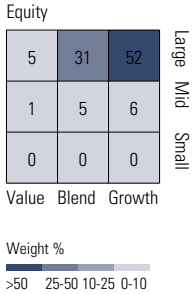
**Morningstar Index**  
Russell 1000 Growth TR USD

## Style Analysis as of 12-31-2020

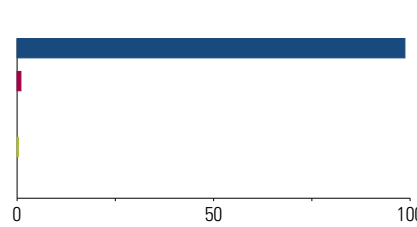
Morningstar Style Box™



## Style Breakdown

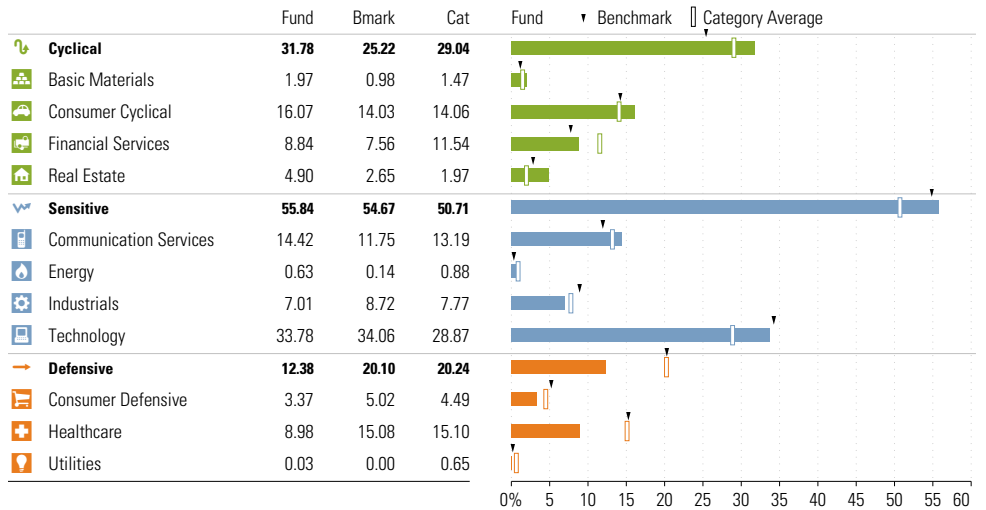


## Asset Allocation as of 12-31-2020



Asset Class	Net %	Cat%
US Stocks	98.68	91.85
Non-US Stocks	0.97	6.08
Bonds	0.00	0.05
Cash	0.35	1.59
Other	0.00	0.43
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2020



## Top 15 Holdings as of 12-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Microsoft Corp	10.26	10.26	42.37	Technology
⊕ Apple Inc	8.67	18.93	81.85	Technology
⊕ Amazon.com Inc	7.01	25.94	76.26	Consumer Cyclical
⊕ Facebook Inc A	3.42	29.36	33.09	Communication Svc
⊕ Alphabet Inc A	2.97	32.33	30.85	Communication Svc
⊕ Alphabet Inc Class C	2.90	35.22	31.03	Communication Svc
⊕ Visa Inc Class A	2.30	37.53	17.06	Financial Services
⊕ Mastercard Inc A	1.85	39.38	20.08	Financial Services
⊕ The Home Depot Inc	1.74	41.11	24.38	Consumer Cyclical
⊕ Netflix Inc	1.40	42.52	67.11	Communication Svc
⊕ Comcast Corp Class A	1.33	43.85	18.52	Communication Svc
⊕ Adobe Inc	1.31	45.16	51.64	Technology
⊕ NVIDIA Corp	1.31	46.47	122.20	Technology
⊕ Costco Wholesale Corp	1.07	47.54	32.53	Consumer Defensive
⊕ McDonald's Corp	1.06	48.60	11.14	Consumer Cyclical

**Total Holdings 279**

⊕ 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  
James Gautrey since 12-2020  
Lawrence Burns since 12-2020

## Quantitative Screens

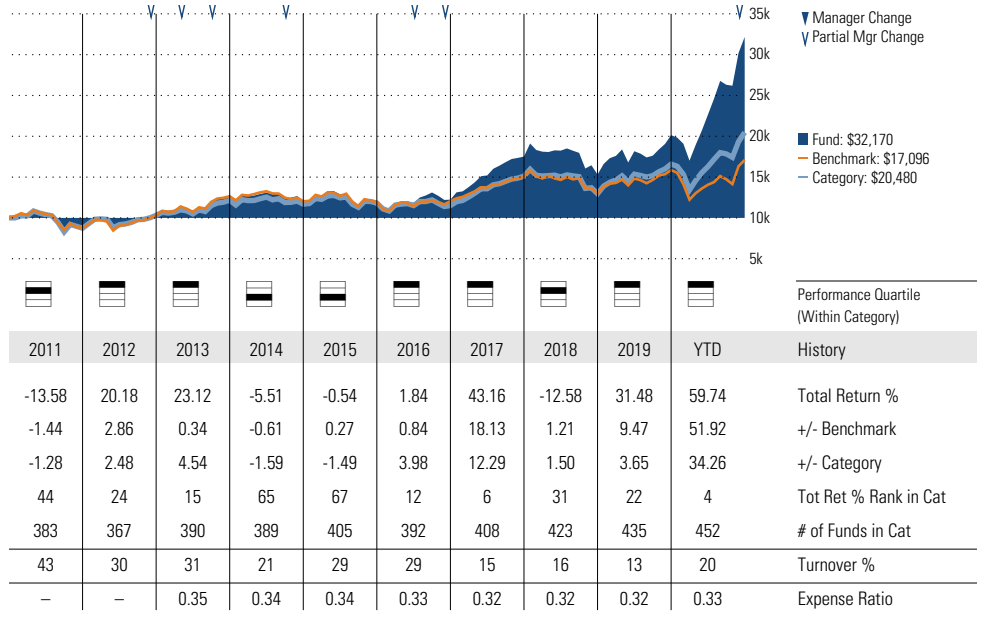
**Performance:** The fund has finished in the Foreign Large Growth category's top three quartiles in 10 of the 10 years it's been in existence.

**Management:** The fund's management has been in place for 17.91 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 0.33 is 69.72% lower than the Foreign Large Growth category average.

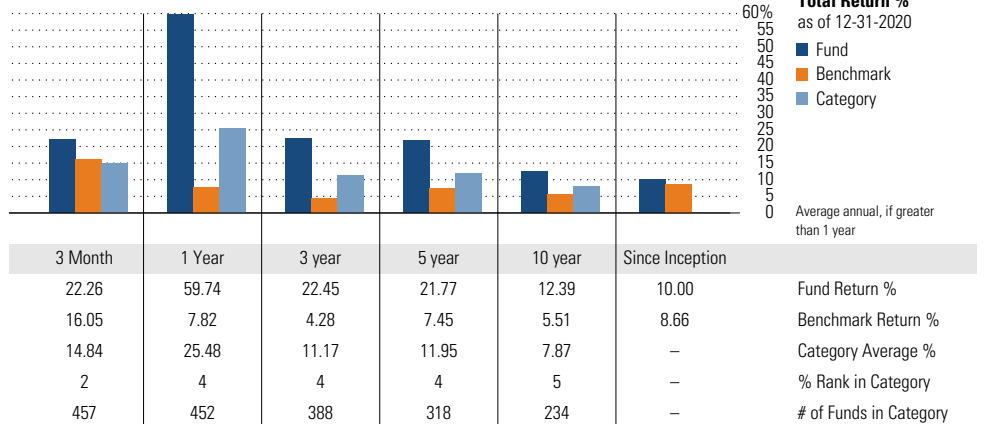
## Growth of \$10,000



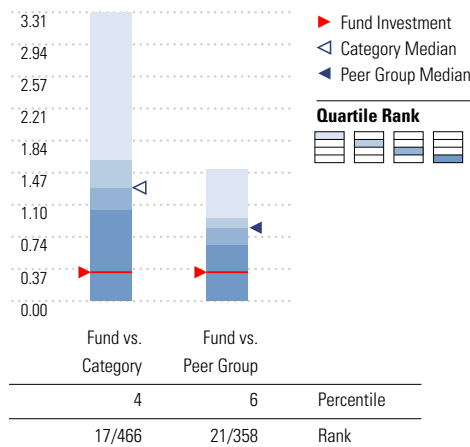
## Morningstar Investment Management LLC Analysis

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.

## 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	16.35	-	6.75
Beta	1.09	-	0.91
R-Squared	83.88	-	-
Standard Deviation	21.50	18.14	17.86
Sharpe Ratio	0.98	0.24	0.57
Tracking Error	8.77	-	6.93
Information Ratio	2.07	-	0.95
Up Capture Ratio	146.50	-	107.08
Down Capture Ratio	81.81	-	80.53

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.33	16.19	17.86
Price/Book Ratio	2.02	1.58	2.37
Geom Avg Mkt Cap \$B	31.23	35.93	31.37
ROE	17.93	15.50	19.30

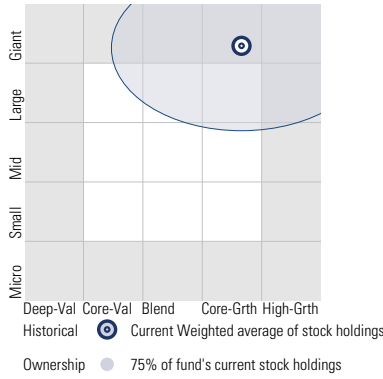
# Vanguard International Growth Adm VWILX

**Morningstar Category**  
Foreign Large Growth

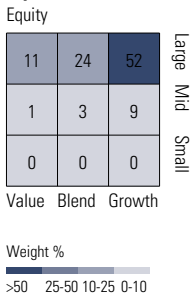
**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 12-31-2020

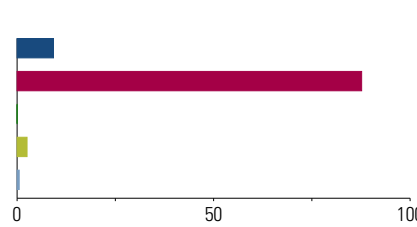
Morningstar Style Box™



## Style Breakdown

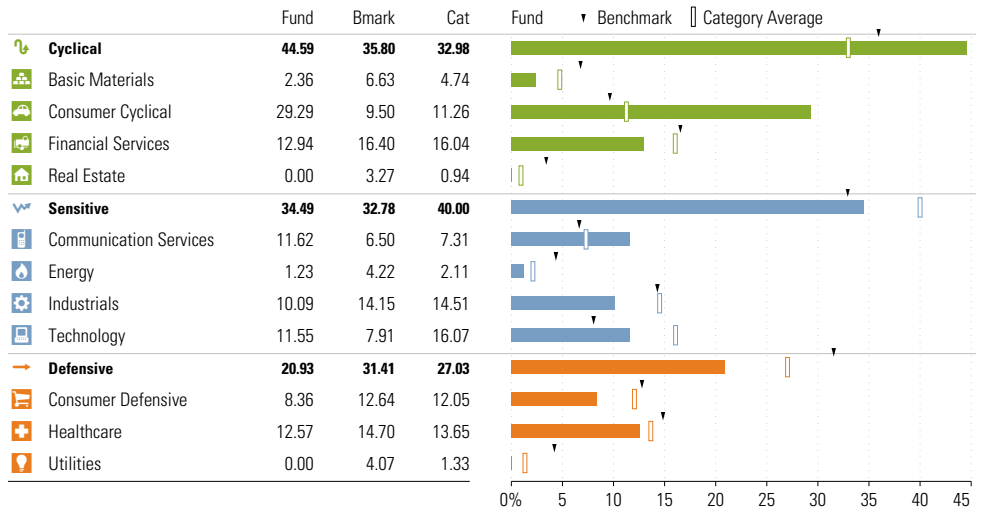


## Asset Allocation as of 12-31-2020



Asset Class	Net %	Cat%
US Stocks	9.26	7.26
Non-US Stocks	87.67	89.93
Bonds	0.01	0.02
Cash	2.53	2.57
Other	0.53	0.21
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2020



## World Regions % Equity 12-31-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	38.62	32.33	Americas	13.68	12.99	Greater Europe	47.71	54.68	Developed Markets	75.72
Japan	10.74	13.97	North America	10.43	11.17	United Kingdom	7.03	11.67	Emerging Markets	24.28
Australasia	0.00	1.99	Central/Latin	3.25	1.82	W euro-ex UK	40.21	41.89	Not Available	0.00
Asia-4 Tigers	7.04	6.56				Emrgng Europe	0.19	0.40		
Asia-ex 4 Tigers	20.84	9.81				Africa	0.28	0.72		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 12-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Alibaba Group Holding Ltd ADR	5.86	5.86	9.73	Consumer Cyclical
ASML Holding NV	5.28	11.14	51.73	Technology
Tencent Holdings Ltd	5.20	16.34	51.01	Communication Svc
AIA Group Ltd	3.06	19.40	18.26	Financial Services
Amazon.com Inc	2.86	22.26	76.26	Consumer Cyclical
MercadoLibre Inc	2.54	24.80	192.90	Consumer Cyclical
Vanguard Market Liquidity Inv	2.50	27.30	-	-
Kering SA	2.33	29.63	2.94	Consumer Cyclical
Illumina Inc	2.20	31.83	11.53	Healthcare
TAL Education Group ADR	2.16	33.99	48.36	Consumer Defensive

**Total Holdings 129**

⊕ 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  
 Bryan Cheng 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 10.6 years.

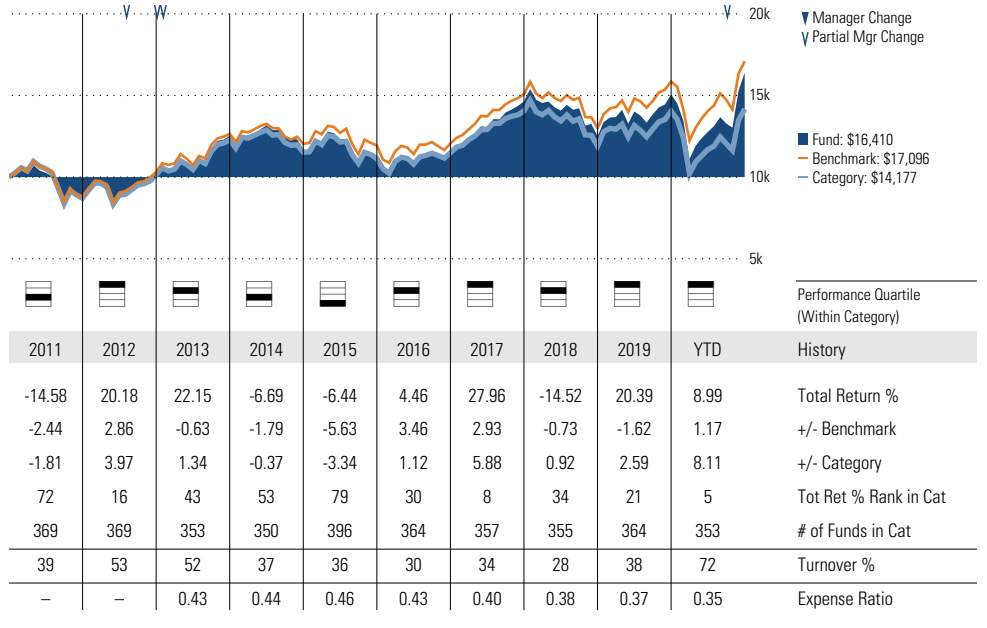
✘ **Style:** The fund has landed in its primary style box — Large Value — 54.55 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.38 is 64.49% lower than the Foreign Large Value category average.

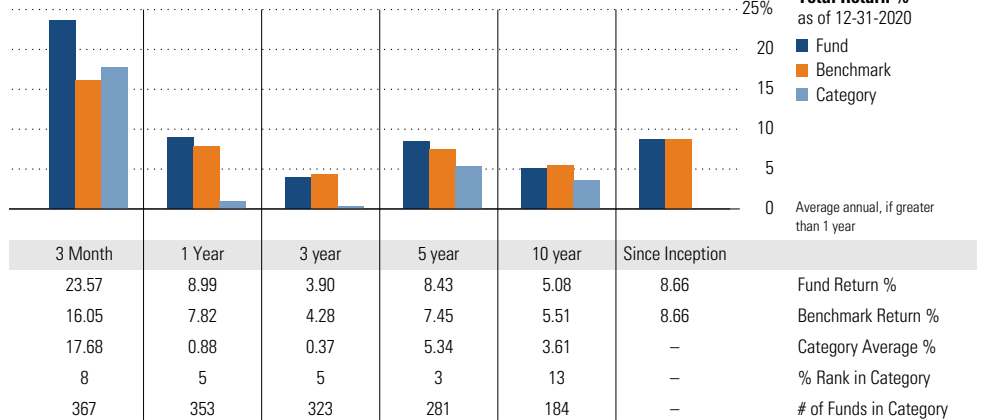
## Morningstar Investment Management LLC Analysis

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.

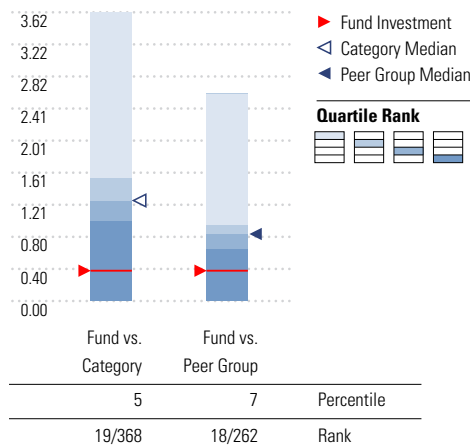
## Growth of \$10,000



## 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

	Fund	Bmark	Cat
Alpha	-0.50	-	-4.02
Beta	1.09	-	1.08
R-Squared	96.48	-	94.07
Standard Deviation	20.05	18.14	20.20
Sharpe Ratio	0.21	0.24	0.04
Tracking Error	4.07	-	5.39
Information Ratio	-0.09	-	-0.82
Up Capture Ratio	103.97	-	98.67
Down Capture Ratio	106.16	-	115.94

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	14.58	16.19	14.35
Price/Book Ratio	1.35	1.58	1.42
Geom Avg Mkt Cap \$B	33.22	35.93	39.24
ROE	15.10	15.50	14.08

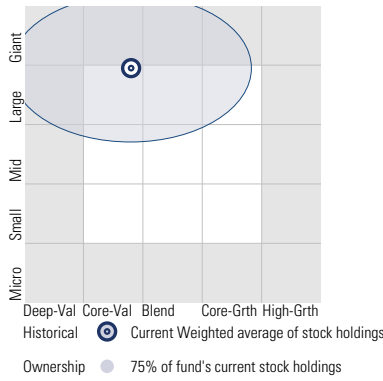
# Vanguard International Value Inv VTRIX

**Morningstar Category**  
Foreign Large Value

**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 12-31-2020

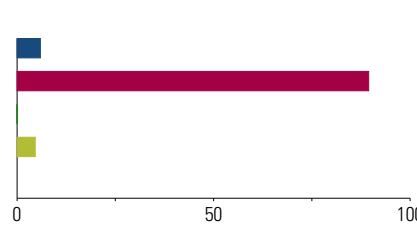
Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 12-31-2020



Asset Class	Net %	Cat%
US Stocks	5.92	2.38
Non-US Stocks	89.46	95.05
Bonds	0.01	0.22
Cash	4.61	2.27
Other	0.00	0.08
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>33.27</b>	<b>35.80</b>	<b>42.58</b>			
Basic Materials	3.72	6.63	8.33			
Consumer Cyclical	6.61	9.50	9.37			
Financial Services	22.17	16.40	22.84			
Real Estate	0.77	3.27	2.04			
<b>Sensitive</b>	<b>44.88</b>	<b>32.78</b>	<b>36.49</b>			
Communication Services	11.29	6.50	8.23			
Energy	6.93	4.22	7.95			
Industrials	10.82	14.15	13.93			
Technology	15.84	7.91	6.38			
<b>Defensive</b>	<b>21.85</b>	<b>31.41</b>	<b>20.92</b>			
Consumer Defensive	5.52	12.64	7.34			
Healthcare	13.68	14.70	10.26			
Utilities	2.65	4.07	3.32			

## World Regions % Equity 12-31-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	37.88	32.90	Americas	7.63	6.66	Greater Europe	54.50	60.45	Developed Markets	89.21
Japan	16.48	18.44	North America	6.32	5.99	United Kingdom	16.11	19.56	Emerging Markets	10.79
Australasia	0.50	3.06	Central/Latin	1.31	0.67	W euro-ex UK	37.45	40.00	Not Available	0.00
Asia-4 Tigers	12.37	7.63				Emrgng Europe	0.41	0.52		
Asia-ex 4 Tigers	8.53	3.77				Africa	0.53	0.37		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 12-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Market Liquidity Inv	4.52	4.52	-	-
⊕ Sanofi SA	2.46	6.98	-8.67	Healthcare
⊖ Novartis AG	2.27	9.26	-5.77	Healthcare
⊖ Samsung Electronics Co Ltd	2.14	11.40	-	Technology
⊖ Royal Dutch Shell PLC Class A	1.86	13.26	-38.64	Energy
⊕ Tesco PLC	1.69	14.95	-5.53	Consumer Defensive
⊕ Hitachi Ltd	1.55	16.50	-9.97	Industrials
⊕ Fresenius Medical Care AG & Co. KGaA	1.47	17.97	5.22	Healthcare
⊖ Vodafone Group PLC	1.41	19.38	-12.07	Communication Svc
⊖ DBS Group Holdings Ltd	1.40	20.79	-	Financial Services

**Total Holdings 153**

⊕ 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 24.65 years.

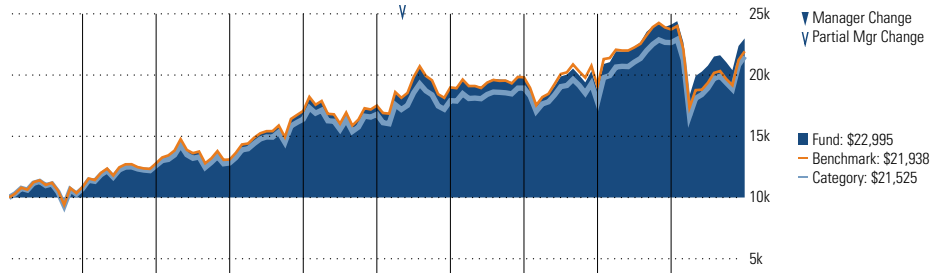
✔ **Style:** The fund has landed in its primary style box — Mid-Cap Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.12 is 89.19% 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



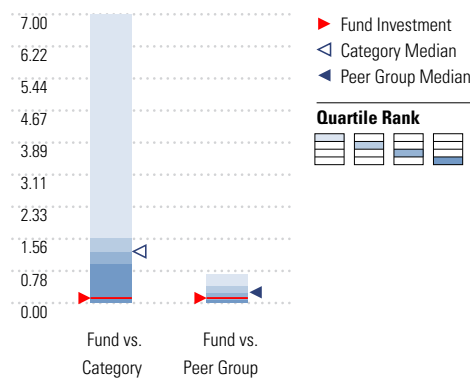
	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	History
Performance Quartile (Within Category)	III	III	III	III	III	III	III	III	III	III	History
Total Return %	8.62	17.69	2.42	30.32	2.39	8.50	4.94	-5.95	28.94	-4.65	Total Return %
+/- Benchmark	0.14	-0.30	0.02	0.06	-0.15	0.01	0.61	-2.16	4.49	2.87	+/- Benchmark
+/- Category	1.11	0.09	0.87	2.29	-0.02	1.61	-1.28	0.02	1.66	-0.16	+/- Category
Tot Ret % Rank in Cat	40	29	27	32	64	18	57	58	29	44	Tot Ret % Rank in Cat
# of Funds in Cat	239	266	266	271	292	267	255	248	262	248	# of Funds in Cat
Turnover %	12	10	9	11	8	11	7	6	24	6	Turnover %
Expense Ratio	-	-	0.10	0.10	0.12	0.12	0.12	0.12	0.11	0.12	Expense Ratio

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	
Fund Return %	9.26	-4.65	4.96	5.65	8.68	9.79	Fund Return %
Benchmark Return %	11.51	-7.52	3.45	4.62	8.17	9.21	Benchmark Return %
Category Average %	11.15	-4.49	4.18	5.26	8.07	-	Category Average %
% Rank in Category	60	44	41	38	31	-	% Rank in Category
# of Funds in Category	251	248	225	199	144	-	# of Funds in Category

## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.54	-	1.42
Beta	0.94	-	0.92
R-Squared	98.71	-	94.35
Standard Deviation	18.90	20.07	19.05
Sharpe Ratio	0.27	0.20	0.27
Tracking Error	2.50	-	4.94
Information Ratio	0.60	-	0.21
Up Capture Ratio	98.24	-	95.90
Down Capture Ratio	91.74	-	90.56

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	40.39	38.46	36.08
Price/Book Ratio	2.39	2.42	2.60
Geom Avg Mkt Cap \$B	9.32	9.35	11.72
ROE	8.61	9.56	11.65

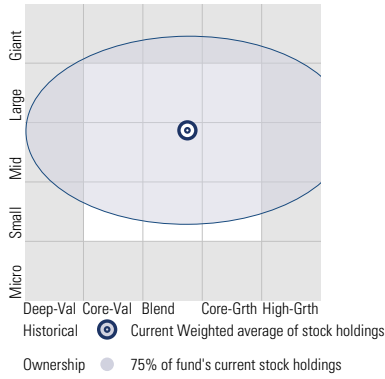
# Vanguard Real Estate Index Admiral VGSLX

**Morningstar Category**  
Real Estate

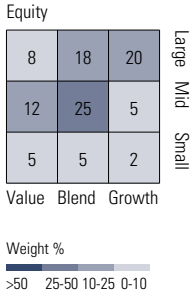
**Morningstar Index**  
S&P United States REIT TR USD

## Style Analysis as of 12-31-2020

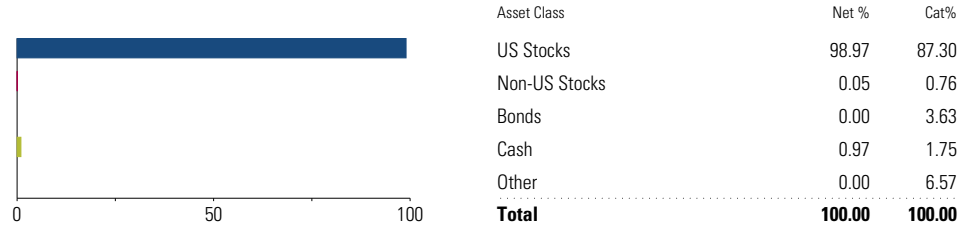
Morningstar Style Box™



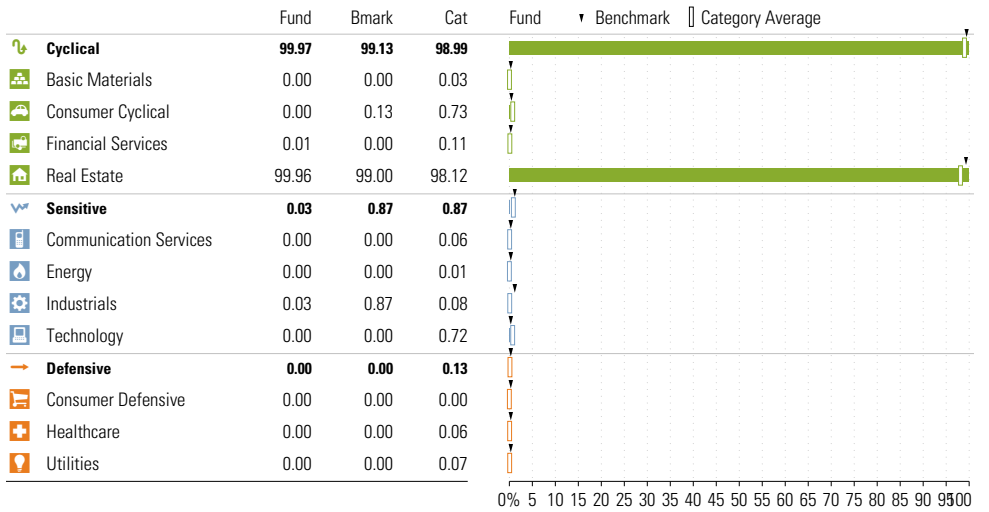
## Style Breakdown



## Asset Allocation as of 12-31-2020



## Sector Weighting as of 12-31-2020



## Top 15 Holdings as of 12-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Real Estate II Index	10.87	10.87	-	-
⊕ American Tower Corp	7.40	18.28	-0.36	Real Estate
⊕ Prologis Inc	4.58	22.86	14.40	Real Estate
⊕ Crown Castle International Corp	4.39	27.25	15.46	Real Estate
⊕ Equinix Inc	3.60	30.85	24.18	Real Estate
⊕ Simon Property Group Inc	2.78	33.63	-38.72	Real Estate
⊕ Public Storage	2.42	36.06	12.19	Real Estate
⊕ Welltower Inc	2.24	38.30	-17.68	Real Estate
⊕ SBA Communications Corp	2.20	40.50	17.84	Real Estate
⊕ AvalonBay Communities Inc	2.06	42.56	-20.46	Real Estate
⊕ Equity Residential	2.06	44.62	-23.76	Real Estate
⊕ Digital Realty Trust Inc	1.81	46.42	20.25	Real Estate
⊕ Realty Income Corp	1.74	48.16	-11.76	Real Estate
⊕ Ventas Inc	1.48	49.64	-11.36	Real Estate
⊕ Boston Properties Inc	1.47	51.11	-28.59	Real Estate

**Total Holdings 186**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Small Cap Growth Index Admiral VSGAX

**Morningstar Category**  
Small Growth

**Morningstar Index**  
Russell 2000 Growth TR USD

## Portfolio Manager(s)

Gerard O'Reilly since 12-2004  
William Coleman since 04-2016

## Quantitative Screens

✔ **Performance:** The fund has finished in the Small 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 16.01 years.

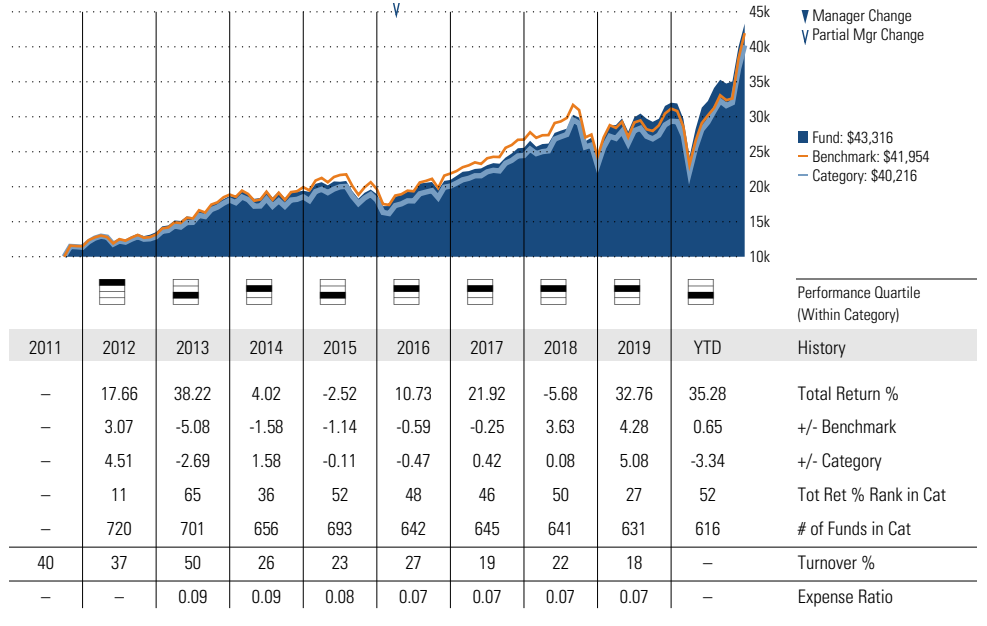
✘ **Style:** The fund has landed in its primary style box — Small Growth — 5.71 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.07 is 94.21% lower than the Small Growth category average.

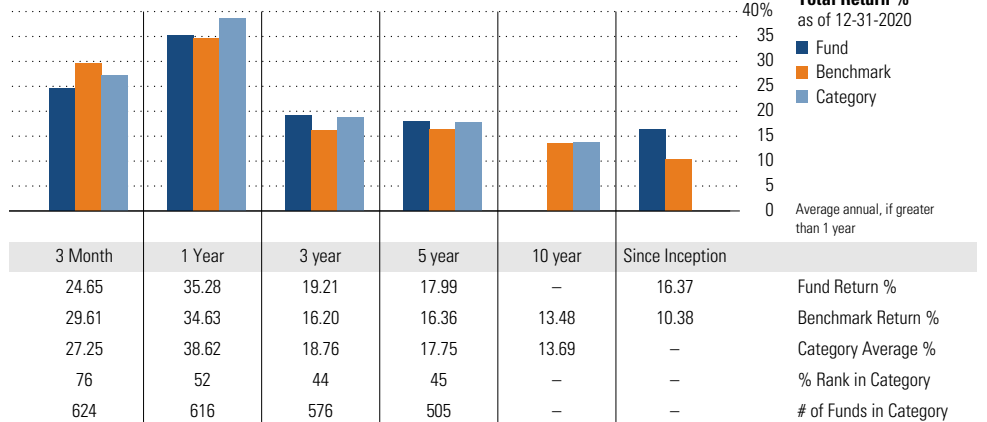
## Morningstar Investment Management LLC Analysis

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

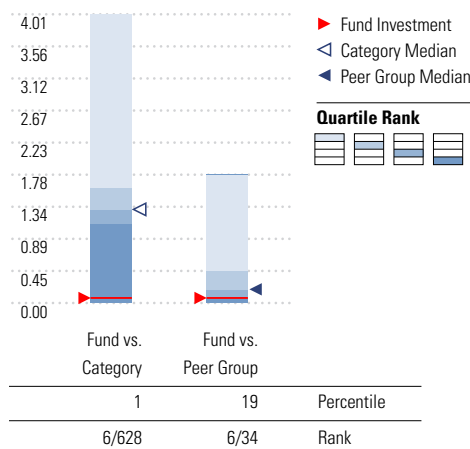
## Growth of \$10,000



## 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	3.41	-	3.37
Beta	0.94	-	0.96
R-Squared	97.58	-	93.88
Standard Deviation	24.16	25.46	25.17
Sharpe Ratio	0.79	0.66	0.77
Tracking Error	4.08	-	6.27
Information Ratio	0.74	-	0.42
Up Capture Ratio	98.01	-	101.00
Down Capture Ratio	87.38	-	91.66

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	27.66	24.72	25.39
Price/Book Ratio	3.16	3.88	3.65
Geom Avg Mkt Cap \$B	2.95	1.66	2.80
ROE	10.39	10.22	9.63

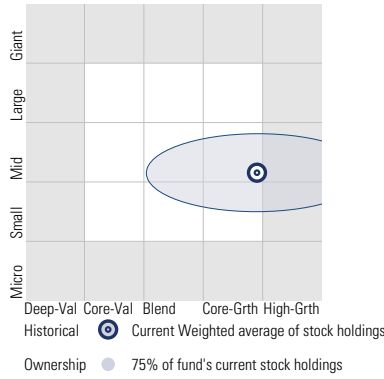
# Vanguard Small Cap Growth Index Admiral VSGAX

**Morningstar Category**  
Small Growth

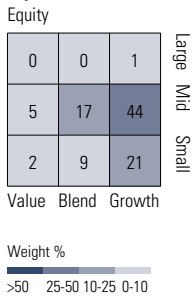
**Morningstar Index**  
Russell 2000 Growth TR USD

## Style Analysis as of 12-31-2020

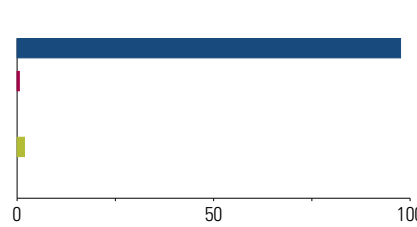
Morningstar Style Box™



## Style Breakdown

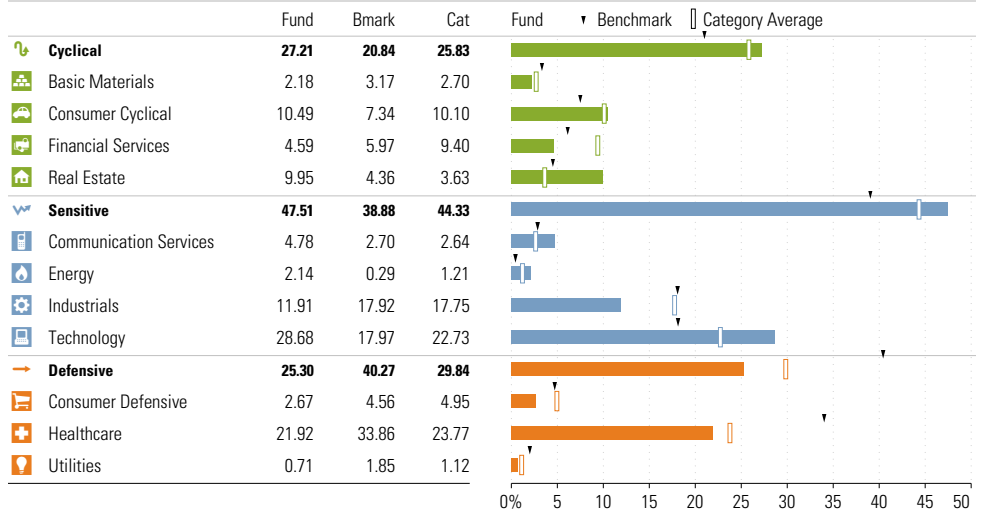


## Asset Allocation as of 12-31-2020



Asset Class	Net %	Cat%
US Stocks	97.57	93.70
Non-US Stocks	0.56	3.38
Bonds	0.00	0.00
Cash	1.87	2.60
Other	0.00	0.32
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2020



## Top 15 Holdings as of 12-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Cmt Market Liquidity Rate	1.85	1.85	-	-
⊖ Teledyne Technologies Inc	0.76	2.61	13.11	Technology
⊖ Tyler Technologies Inc	0.75	3.36	45.50	Technology
⊖ DocuSign Inc	0.75	4.11	199.96	Technology
⊖ Equity Lifestyle Properties Inc	0.73	4.84	-8.04	Real Estate
⊖ Insulet Corp	0.72	5.56	49.32	Healthcare
⊖ EPAM Systems Inc	0.72	6.28	68.91	Technology
⊖ The Trade Desk Inc A	0.70	6.98	208.34	Technology
⊖ Zebra Technologies Corp	0.70	7.69	50.46	Technology
⊖ West Pharmaceutical Services Inc	0.69	8.37	88.89	Healthcare
⊖ Fair Isaac Corp	0.64	9.01	36.39	Technology
⊖ Coupa Software Inc	0.58	9.59	131.73	Technology
⊖ Bright Horizons Family Solutions Inc	0.56	10.15	15.10	Consumer Cyclical
⊖ Guidewire Software Inc	0.56	10.71	17.27	Technology
⊖ Teladoc Health Inc	0.56	11.26	138.84	Healthcare

**Total Holdings 581**

⊕ 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 4.68 years.

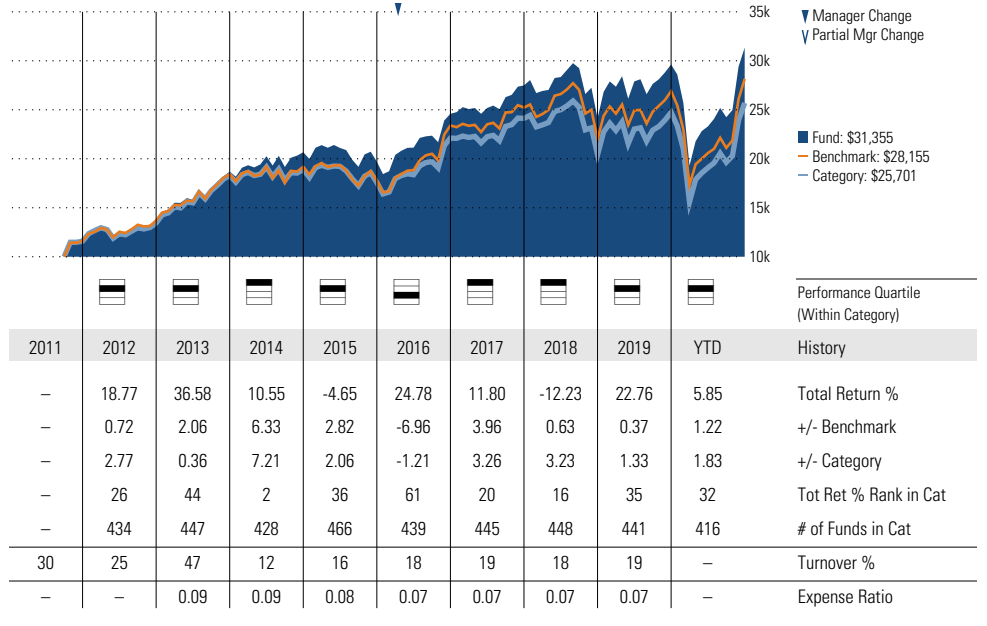
✘ **Style:** The fund has landed in its primary style box — Small Value — 48.57 % of the time over the past three years.

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

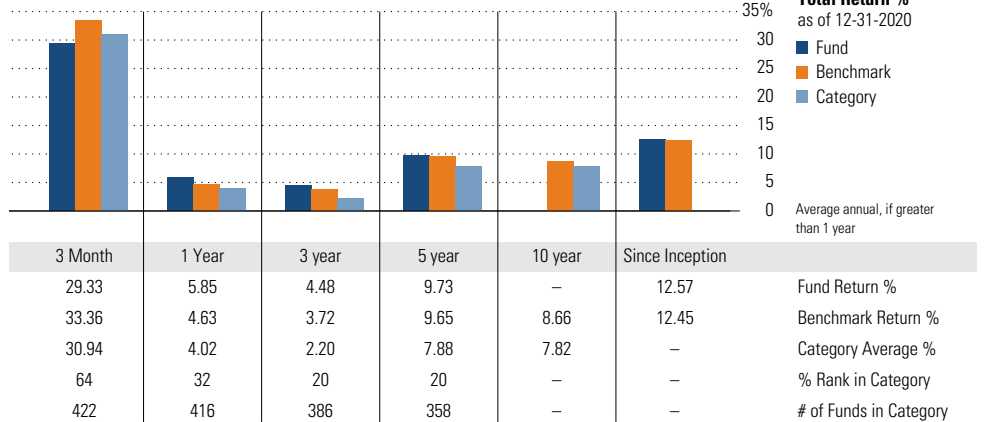
## Morningstar Investment Management LLC Analysis

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

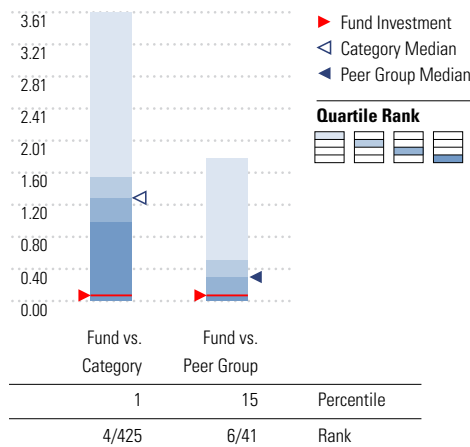
## Growth of \$10,000



## 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	0.81	-	-1.30
Beta	0.97	-	1.02
R-Squared	98.72	-	96.66
Standard Deviation	25.82	26.49	27.39
Sharpe Ratio	0.24	0.22	0.17
Tracking Error	3.03	-	5.37
Information Ratio	0.25	-	-0.32
Up Capture Ratio	97.23	-	99.42
Down Capture Ratio	94.92	-	103.78

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.50	18.52	18.01
Price/Book Ratio	1.80	1.45	1.65
Geom Avg Mkt Cap \$B	2.79	1.34	2.55
ROE	11.48	6.22	9.71

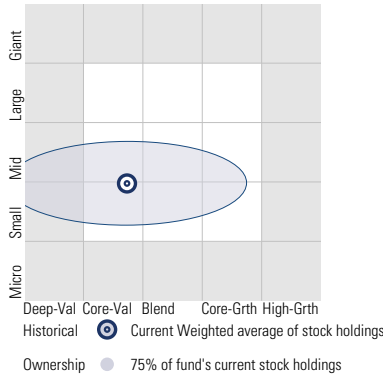
# Vanguard Small Cap Value Index Admiral VSIAX

**Morningstar Category**  
Small Value

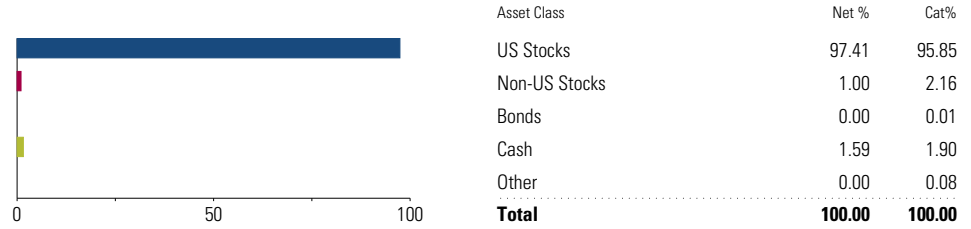
**Morningstar Index**  
Russell 2000 Value TR USD

## Style Analysis as of 12-31-2020

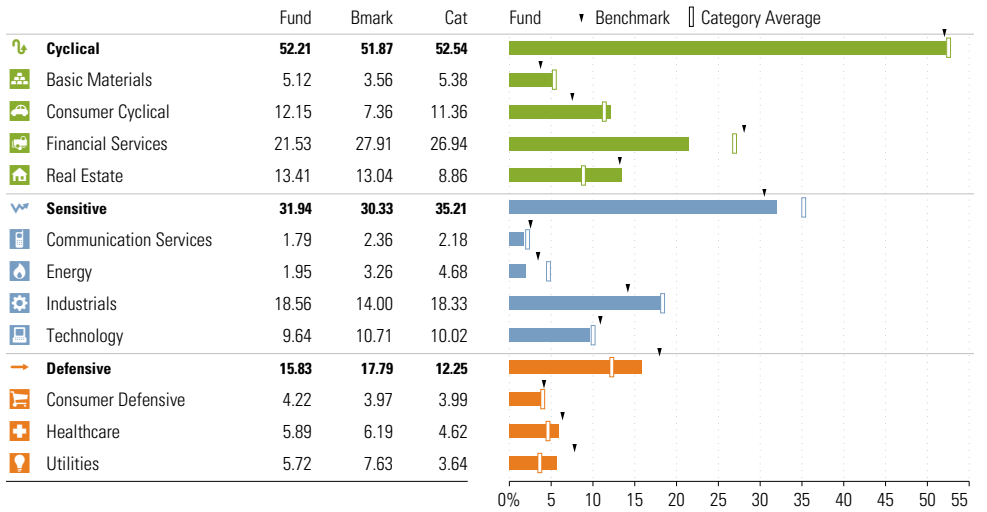
Morningstar Style Box™



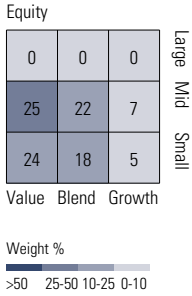
## Asset Allocation as of 12-31-2020



## Sector Weighting as of 12-31-2020



## Style Breakdown



## Top 15 Holdings as of 12-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Cmt Market Liquidity Rate	1.58	1.58	-	-
⊕ Leidos Holdings Inc	0.79	2.37	8.78	Technology
⊕ Atmos Energy Corp	0.67	3.03	-12.59	Utilities
⊕ IDEX Corp	0.61	3.64	16.98	Industrials
⊕ Medical Properties Trust Inc	0.59	4.23	8.34	Real Estate
⊕ Allegion PLC	0.58	4.81	-5.52	Industrials
⊕ Brown & Brown Inc	0.56	5.37	20.97	Financial Services
⊕ Booz Allen Hamilton Holding Corp Class A	0.54	5.91	24.31	Industrials
⊕ VICI Properties Inc Ordinary Shares	0.54	6.45	4.72	Real Estate
⊕ PerkinElmer Inc	0.52	6.97	48.07	Healthcare
⊕ Essential Utilities Inc	0.50	7.47	2.81	Utilities
⊕ Gaming and Leisure Properties Inc	0.49	7.97	4.30	Real Estate
⊕ National Retail Properties Inc	0.47	8.44	-19.82	Real Estate
⊕ Cypress Semiconductor Corp	0.46	8.90	-	Technology
⊕ RPM International Inc	0.45	9.35	20.17	Basic Materials

**Total Holdings 856**

⊕ 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 7.86 years.

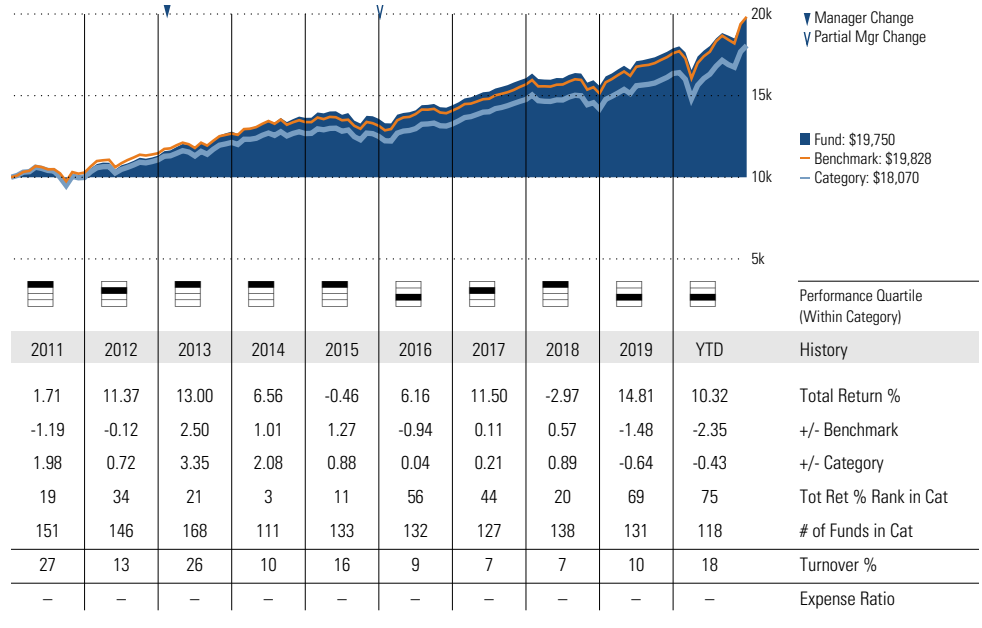
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.13 is 79.37% 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.

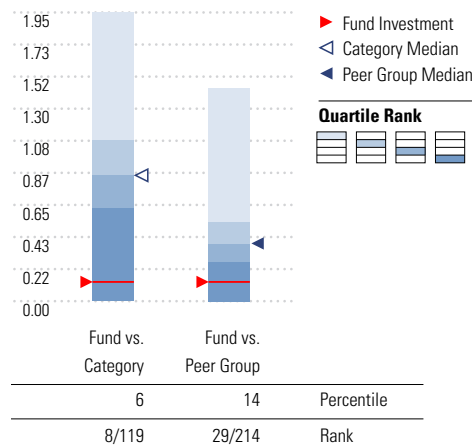
## Growth of \$10,000



## 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	0.27	-	-0.99
Beta	0.84	-	0.99
R-Squared	98.97	-	97.35
Standard Deviation	7.44	8.82	8.84
Sharpe Ratio	0.76	0.76	0.63
Tracking Error	1.61	-	1.60
Information Ratio	-0.62	-	-0.71
Up Capture Ratio	86.34	-	94.31
Down Capture Ratio	84.99	-	102.65

## Portfolio Metrics

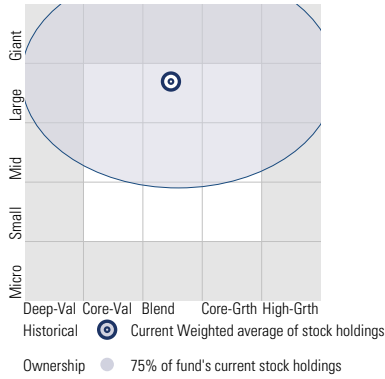
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.76	17.82	18.03
Price/Book Ratio	2.19	2.17	2.27
Avg Eff Duration	5.89	8.22	5.17

# Vanguard Target Retirement 2015 Inv VTXVX

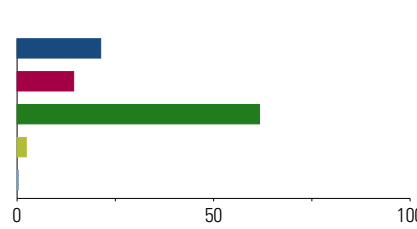
**Morningstar Category**  
Target-Date 2015

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

**Style Analysis** as of 12-31-2020  
Morningstar Style Box™

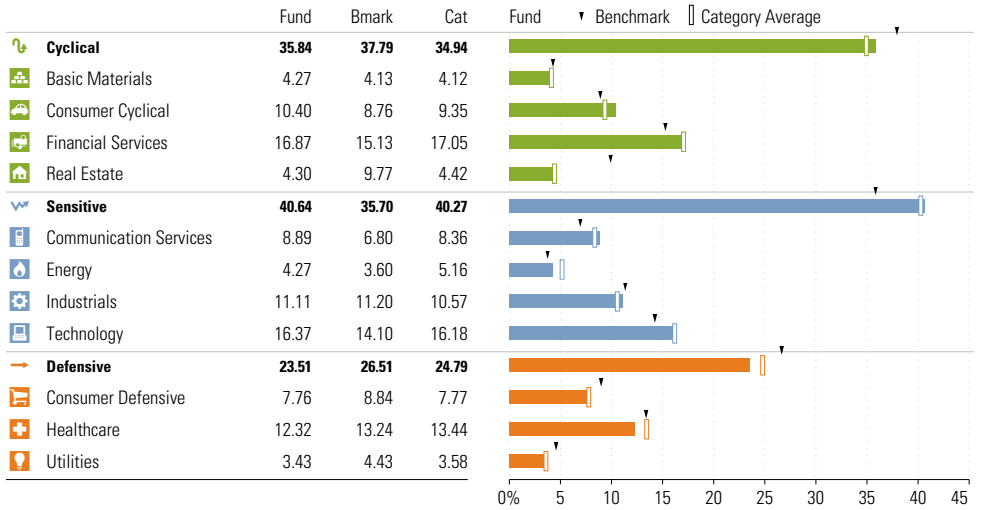


**Asset Allocation** as of 12-31-2020

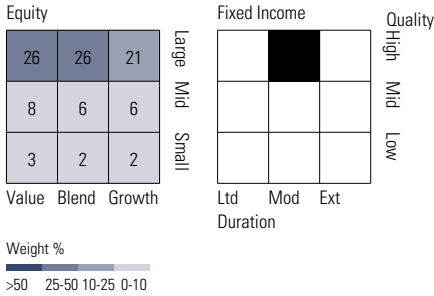


Asset Class	Net %	Cat%
US Stocks	21.27	25.55
Non-US Stocks	14.40	14.57
Bonds	61.69	50.74
Cash	2.33	5.64
Other	0.30	3.49
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 12-31-2020



**Style Breakdown**



**Top 6 Holdings** as of 12-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	-	35.06	35.06	-	-
⊕ Vanguard Total Stock Mkt Idx Inv	-	21.65	56.71	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	14.98	71.69	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	14.54	86.23	-	-
⊖ Vanguard Shrt-Term Infl-Prot Sec Idx Inv	-	13.67	99.89	-	-
⊕ Cmt Market Liquidity Rate	-	0.11	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 7.86 years.

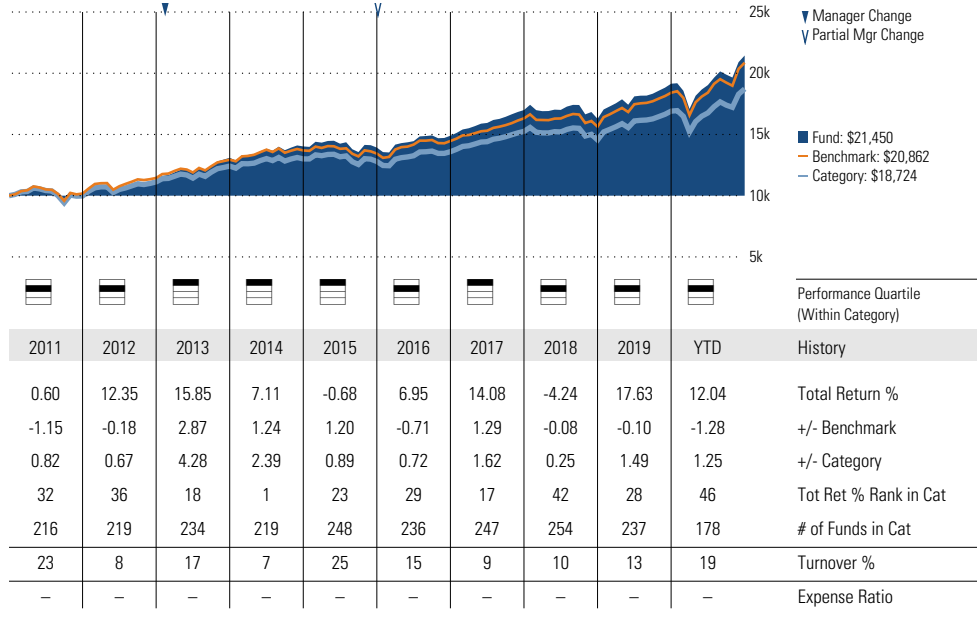
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.13 is 80.88% lower than the Target-Date 2020 category average.

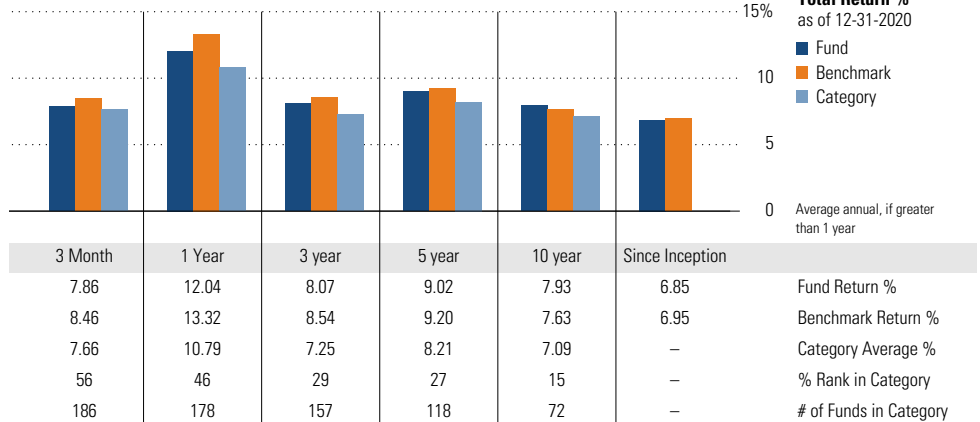
## Morningstar Investment Management LLC Analysis

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

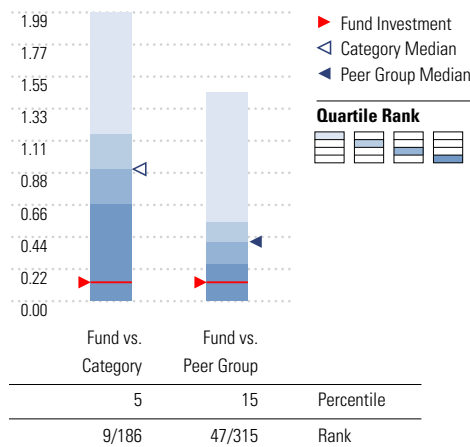
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.40	-	-0.89
Beta	1.00	-	0.93
R-Squared	98.74	-	96.20
Standard Deviation	9.85	9.82	9.28
Sharpe Ratio	0.68	0.73	0.61
Tracking Error	1.11	-	2.11
Information Ratio	-0.42	-	-0.73
Up Capture Ratio	99.90	-	89.97
Down Capture Ratio	104.69	-	97.43

## Portfolio Metrics

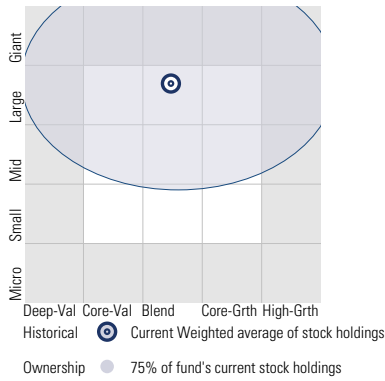
	Fund	Bmark	Cat
Price/Earnings Ratio	17.76	17.75	17.87
Price/Book Ratio	2.19	2.15	2.22
Avg Eff Duration	6.15	9.28	5.23

# Vanguard Target Retirement 2020 Inv VTWNX

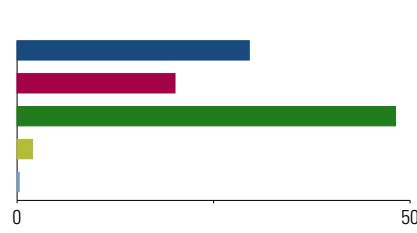
**Morningstar Category**  
Target-Date 2020

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

**Style Analysis** as of 12-31-2020  
Morningstar Style Box™

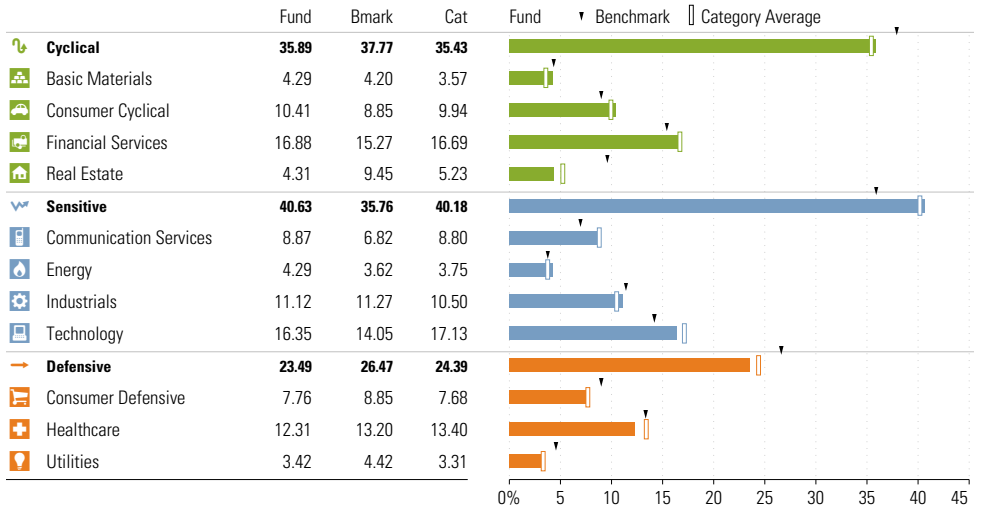


**Asset Allocation** as of 12-31-2020

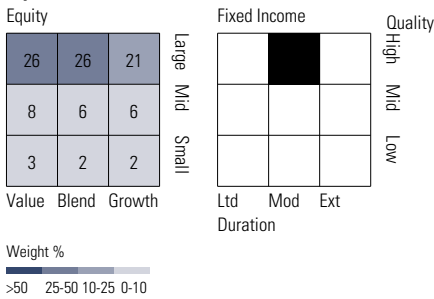


Asset Class	Net %	Cat%
US Stocks	29.54	28.56
Non-US Stocks	20.09	13.10
Bonds	48.14	47.35
Cash	1.97	4.39
Other	0.27	6.60
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 12-31-2020



**Style Breakdown**



**Top 6 Holdings** as of 12-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	30.06	30.06	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	29.55	59.60	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	20.29	79.89	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	12.52	92.41	-	-
⊖ Vanguard Shrt-Term Infl-Prot Sec Idx Inv	-	7.47	99.88	-	-
⊕ Cmt Market Liquidity Rate	-	0.12	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 7.86 years.

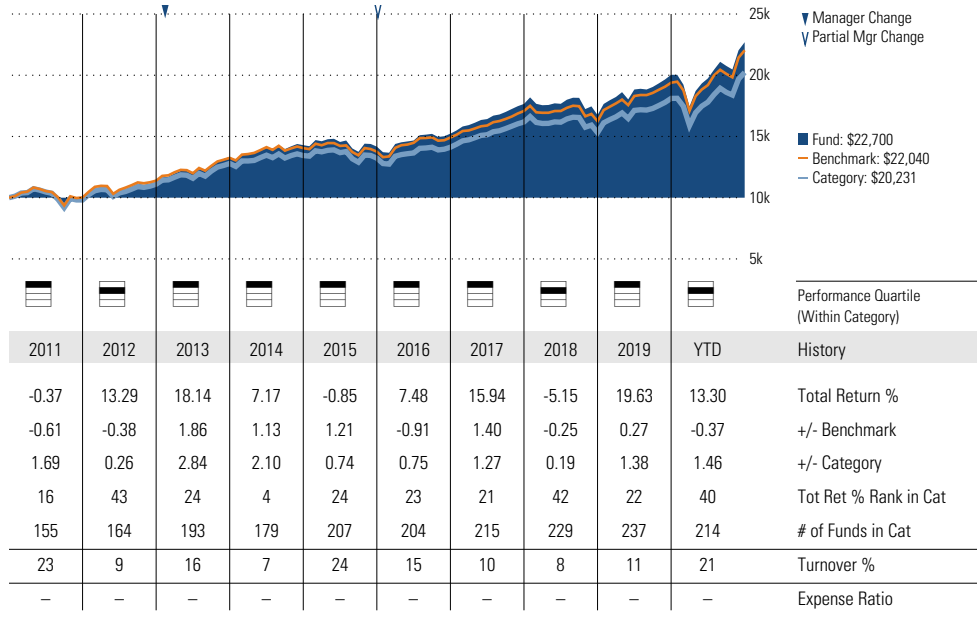
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.13 is 81.43% lower than the Target-Date 2025 category average.

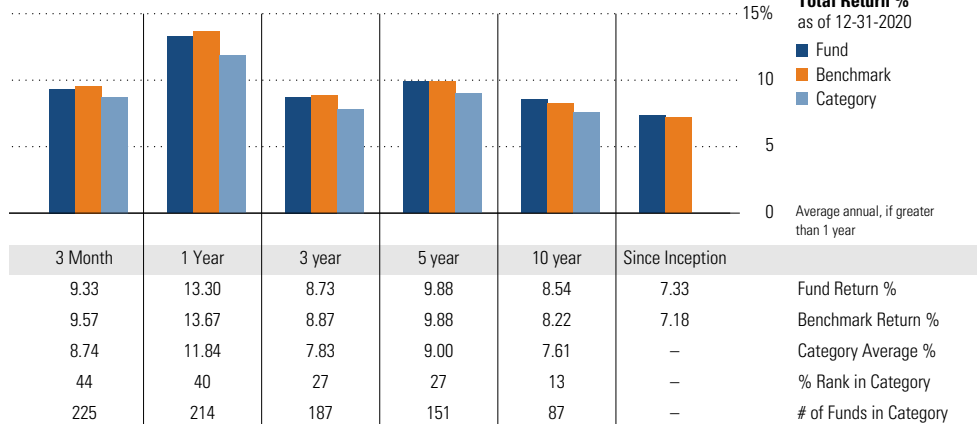
## Morningstar Investment Management LLC Analysis

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.

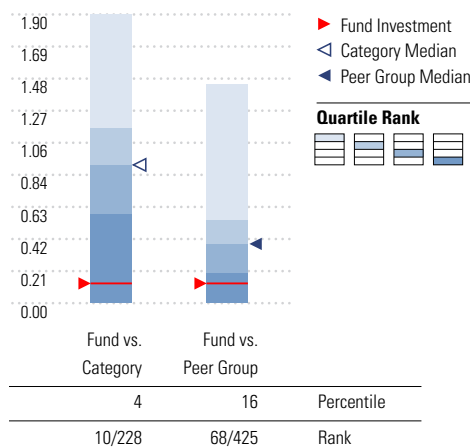
## Growth of \$10,000



## 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	-0.41	-	-0.84
Beta	1.04	-	0.97
R-Squared	99.04	-	97.85
Standard Deviation	11.60	11.13	10.91
Sharpe Ratio	0.65	0.68	0.59
Tracking Error	1.21	-	1.93
Information Ratio	-0.11	-	-0.58
Up Capture Ratio	104.35	-	95.29
Down Capture Ratio	108.93	-	102.11

## Portfolio Metrics

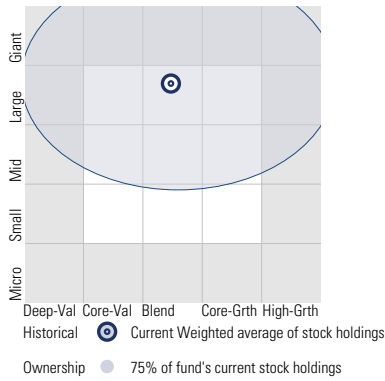
	Fund	Bmark	Cat
Price/Earnings Ratio	17.78	17.67	17.99
Price/Book Ratio	2.19	2.12	2.26
Avg Eff Duration	6.77	10.12	5.54

# Vanguard Target Retirement 2025 Inv VTTVX

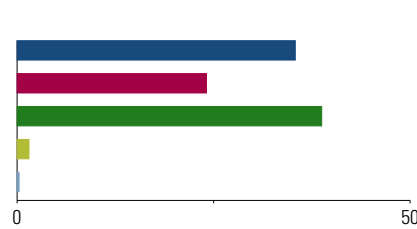
**Morningstar Category**  
Target-Date 2025

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

**Style Analysis** as of 12-31-2020  
Morningstar Style Box™

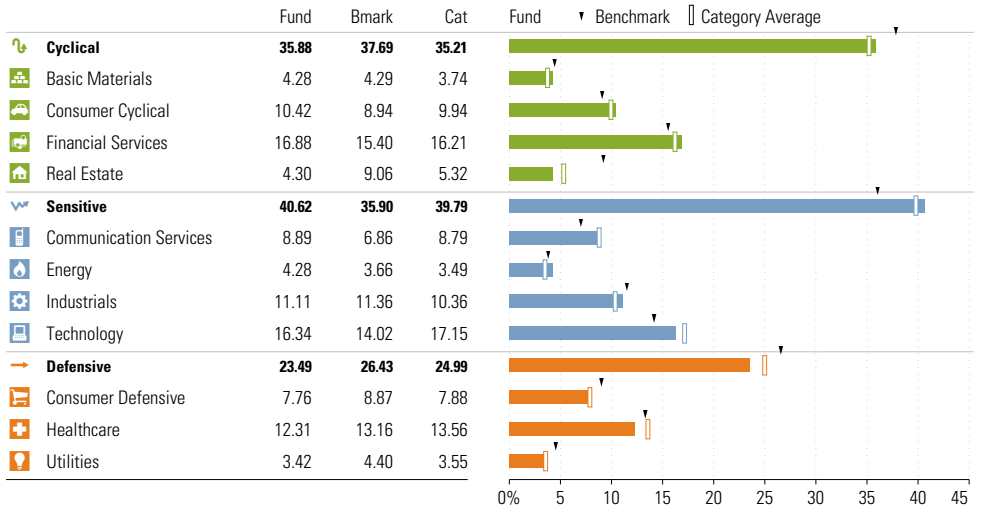


**Asset Allocation** as of 12-31-2020



Asset Class	Net %	Cat%
US Stocks	35.39	33.37
Non-US Stocks	24.09	16.97
Bonds	38.75	37.55
Cash	1.51	3.45
Other	0.25	8.66
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 12-31-2020



**Style Breakdown**



**Top 5 Holdings** as of 12-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	—	36.01	36.01	—	—
⊖ Vanguard Total Bond Market II Idx Inv	—	27.79	63.80	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	24.33	88.13	—	—
⊖ Vanguard Total Intl Bd Idx Investor	—	11.75	99.89	—	—
⊕ Cmt Market Liquidity Rate	—	0.11	100.00	—	—

**Total Holdings 5**

⊕ 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 7.86 years.

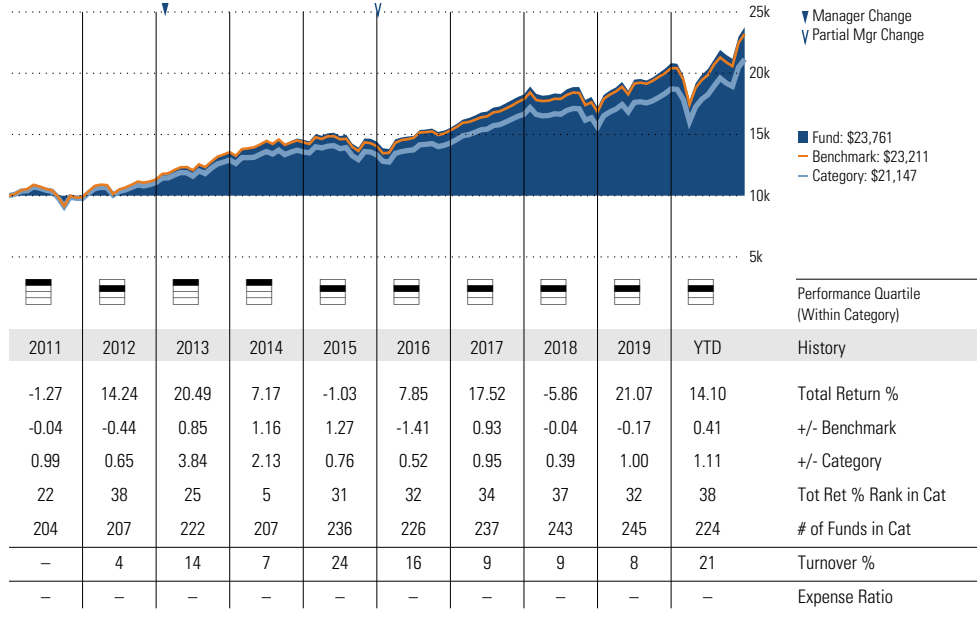
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.14 is 81.08% lower than the Target-Date 2030 category average.

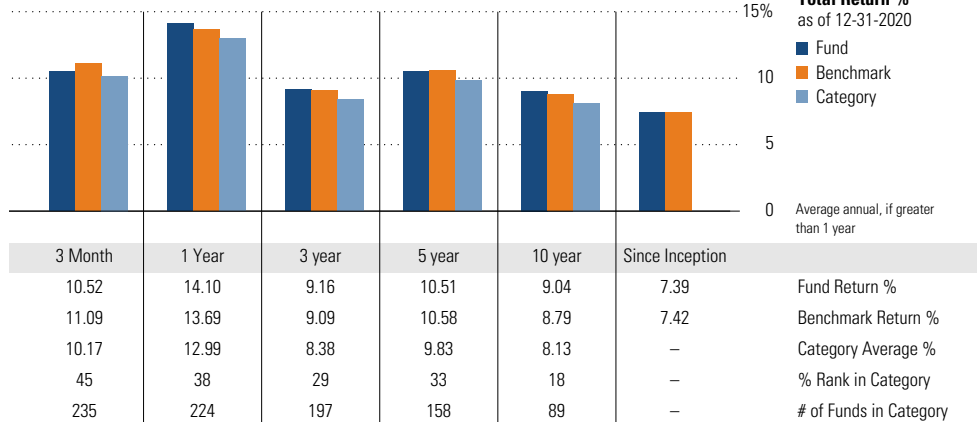
## Morningstar Investment Management LLC Analysis

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.

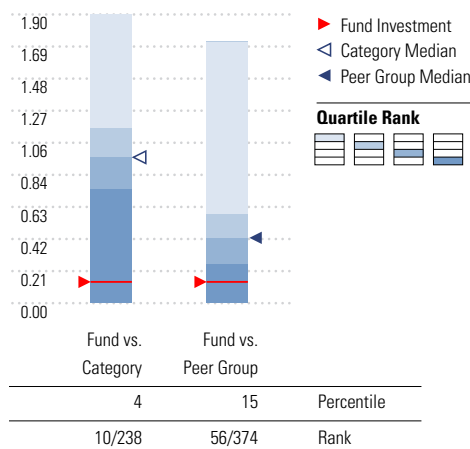
## Growth of \$10,000



## 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

Metric	Fund	Bmark	Cat
Alpha	0.04	-	-0.54
Beta	1.00	-	0.96
R-Squared	99.35	-	97.79
Standard Deviation	12.98	12.89	12.55
Sharpe Ratio	0.62	0.62	0.56
Tracking Error	1.05	-	2.05
Information Ratio	0.06	-	-0.42
Up Capture Ratio	102.77	-	96.71
Down Capture Ratio	104.08	-	101.24

## Portfolio Metrics

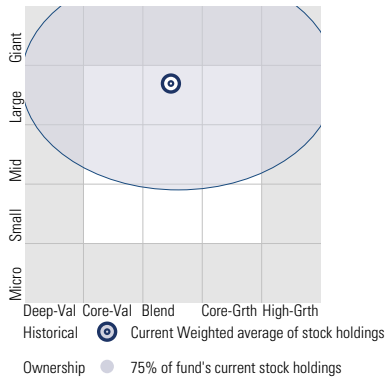
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.78	17.60	17.87
Price/Book Ratio	2.19	2.10	2.20
Avg Eff Duration	6.77	10.74	5.64

# Vanguard Target Retirement 2030 Inv VTHRX

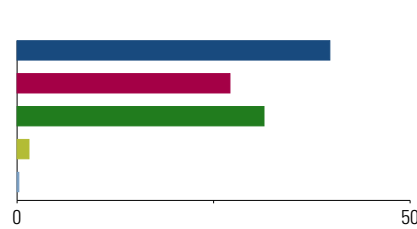
**Morningstar Category**  
Target-Date 2030

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

**Style Analysis** as of 12-31-2020  
Morningstar Style Box™

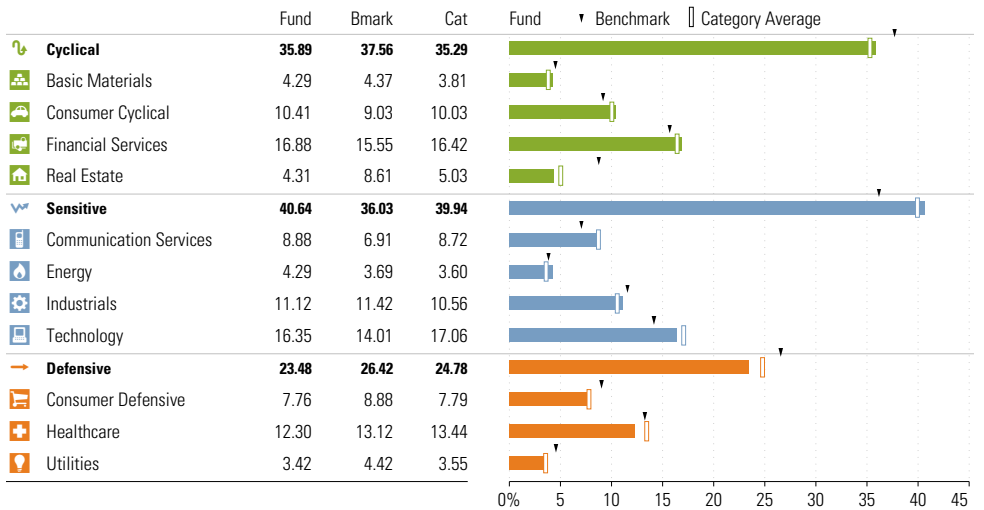


**Asset Allocation** as of 12-31-2020

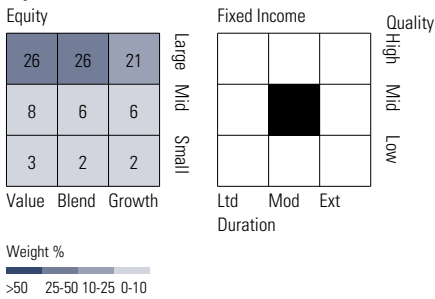


Asset Class	Net %	Cat%
US Stocks	39.79	39.62
Non-US Stocks	27.08	20.98
Bonds	31.41	28.38
Cash	1.51	3.13
Other	0.22	7.87
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 12-31-2020



**Style Breakdown**



**Top 5 Holdings** as of 12-31-2020

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	-	27.35	67.84	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	22.53	90.37	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	9.51	99.88	-	-
⊕ Cmt Market Liquidity Rate	-	0.12	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 7.86 years.

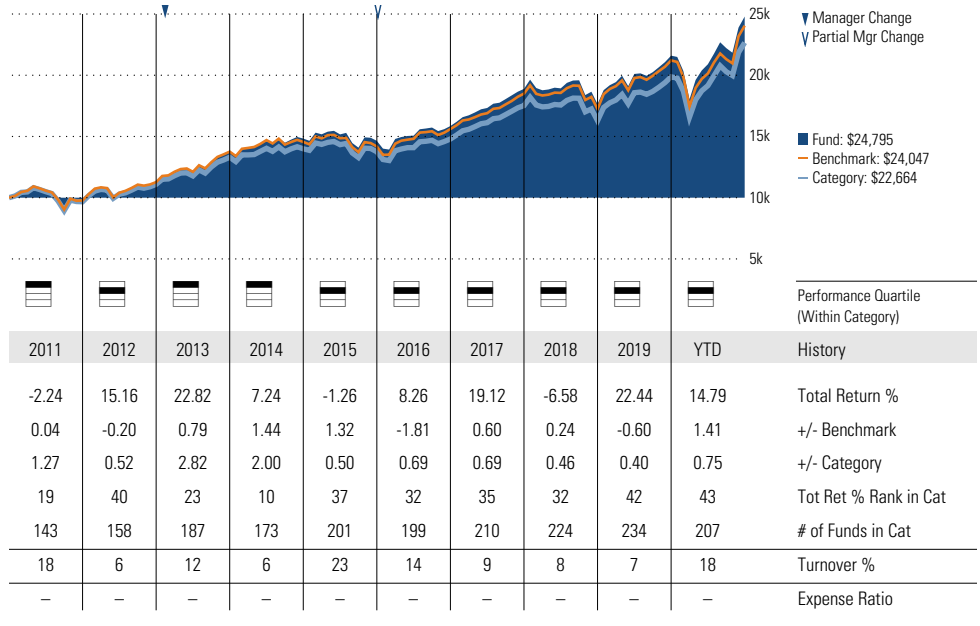
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.14 is 80.82% lower than the Target-Date 2035 category average.

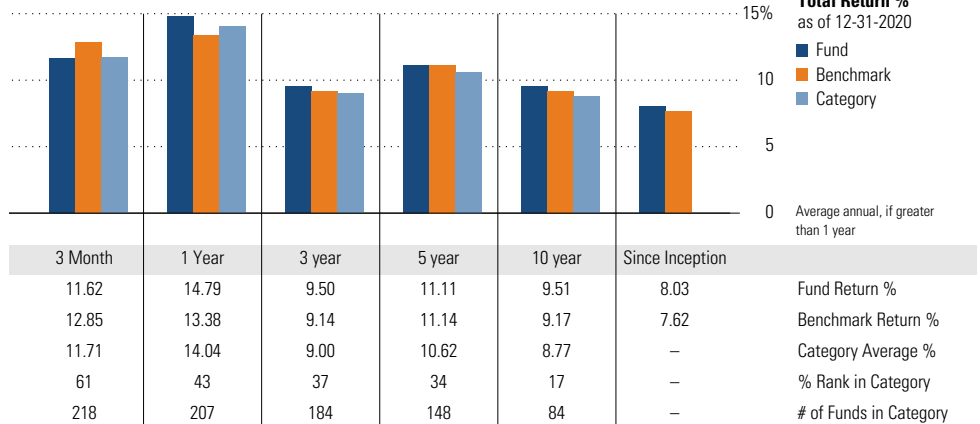
## Morningstar Investment Management LLC Analysis

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.

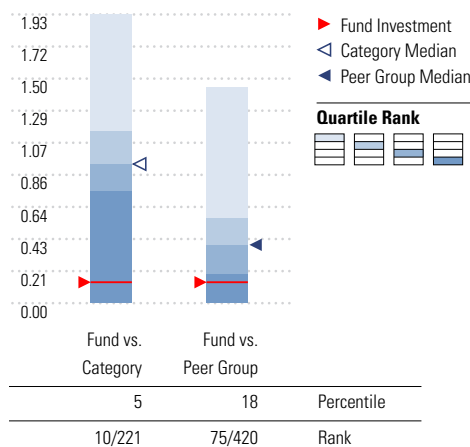
## Growth of \$10,000



## 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	0.62	-	0.03
Beta	0.96	-	0.97
R-Squared	99.48	-	98.93
Standard Deviation	14.36	14.86	14.52
Sharpe Ratio	0.60	0.56	0.56
Tracking Error	1.16	-	1.87
Information Ratio	0.31	-	-0.09
Up Capture Ratio	99.66	-	98.56
Down Capture Ratio	97.29	-	99.08

## Portfolio Metrics

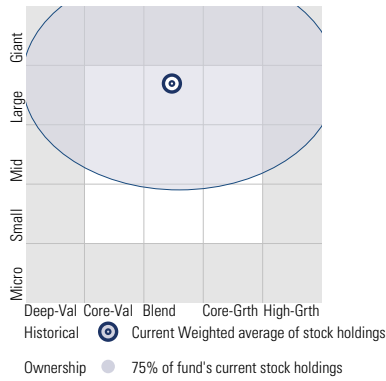
	Fund	Bmark	Cat
Price/Earnings Ratio	17.77	17.52	18.00
Price/Book Ratio	2.19	2.08	2.24
Avg Eff Duration	6.77	10.92	5.76

# Vanguard Target Retirement 2035 Inv VTTHX

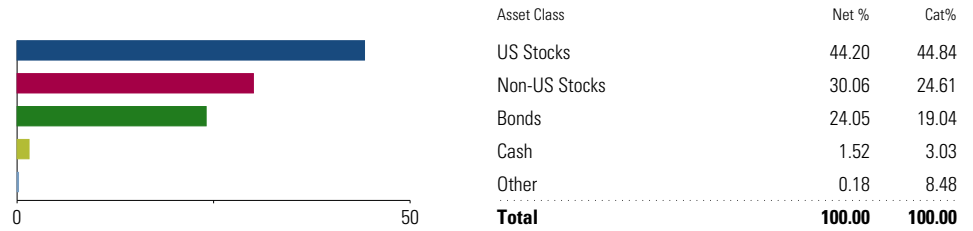
**Morningstar Category**  
Target-Date 2035

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

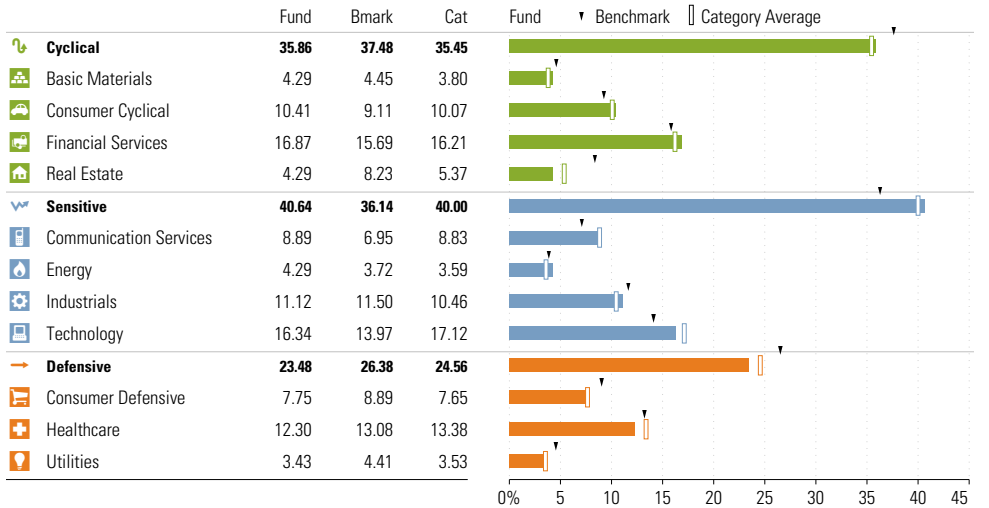
**Style Analysis** as of 12-31-2020  
Morningstar Style Box™



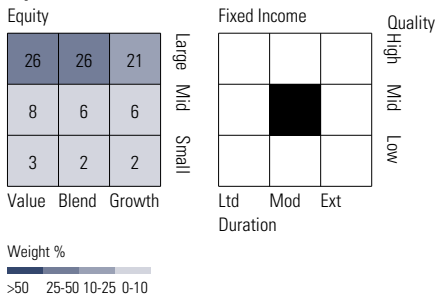
**Asset Allocation** as of 12-31-2020



**Sector Weighting** as of 12-31-2020



**Style Breakdown**



**Top 5 Holdings** as of 12-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	44.97	44.97	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	30.36	75.33	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	17.29	92.62	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	7.25	99.87	-	-
⊕ Cmt Market Liquidity Rate	-	0.13	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 7.86 years.

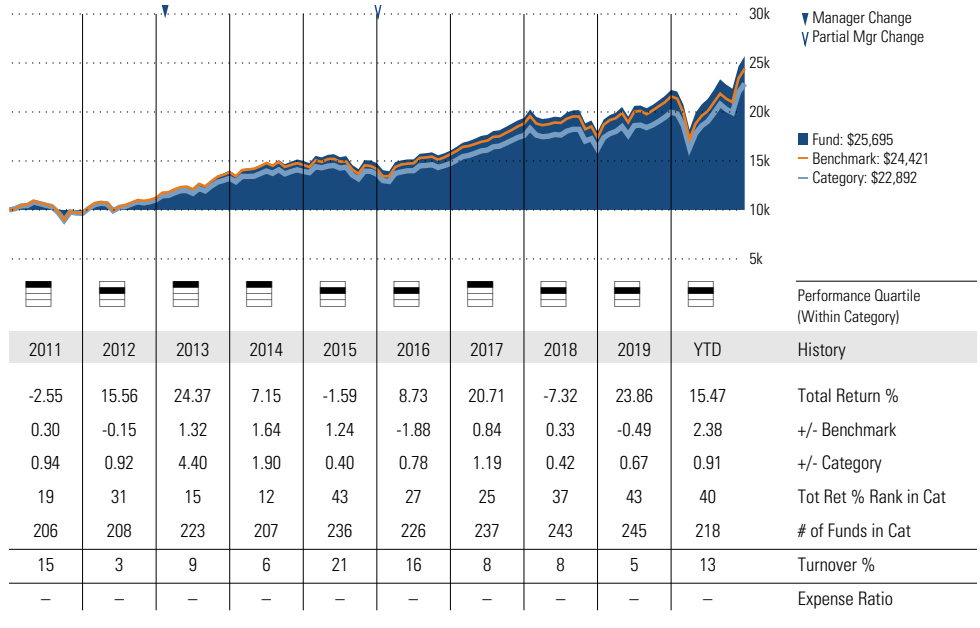
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.14 is 81.58% lower than the Target-Date 2040 category average.

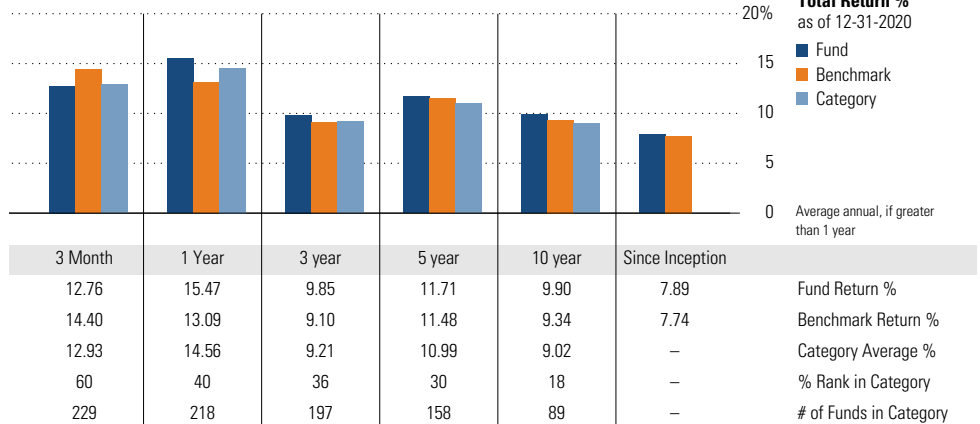
## Morningstar Investment Management LLC Analysis

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.

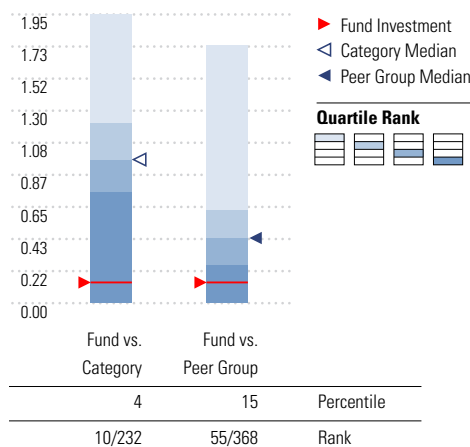
## Growth of \$10,000



## 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	1.05	-	0.52
Beta	0.95	-	0.94
R-Squared	99.46	-	98.16
Standard Deviation	15.74	16.48	15.56
Sharpe Ratio	0.58	0.52	0.54
Tracking Error	1.40	-	2.27
Information Ratio	0.53	-	0.10
Up Capture Ratio	99.32	-	96.07
Down Capture Ratio	95.13	-	94.17

## Portfolio Metrics

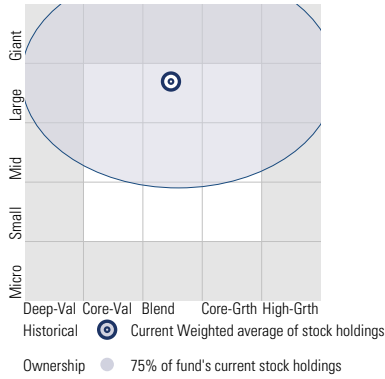
	Fund	Bmark	Cat
Price/Earnings Ratio	17.76	17.44	17.85
Price/Book Ratio	2.19	2.06	2.20
Avg Eff Duration	6.77	11.09	5.80

# Vanguard Target Retirement 2040 Inv VFORX

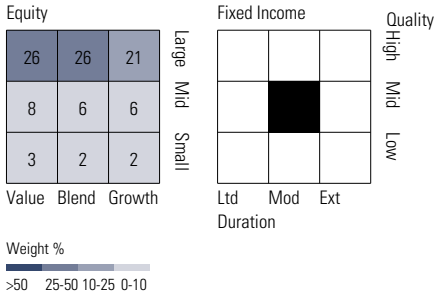
**Morningstar Category**  
Target-Date 2040

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

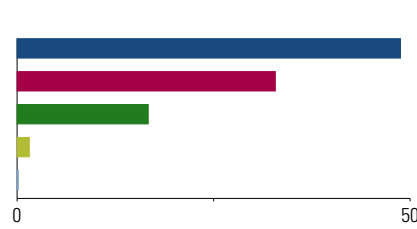
**Style Analysis** as of 12-31-2020  
Morningstar Style Box™



**Style Breakdown**

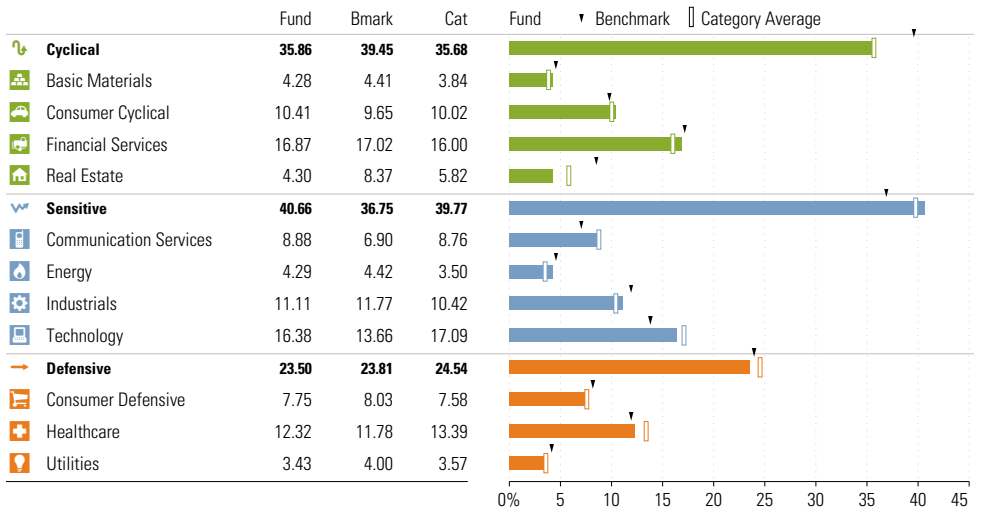


**Asset Allocation** as of 12-31-2020



Asset Class	Net %	Cat%
US Stocks	48.77	49.73
Non-US Stocks	32.85	27.58
Bonds	16.68	12.16
Cash	1.55	2.86
Other	0.14	7.67
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 12-31-2020



**Top 5 Holdings** as of 12-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	49.63	49.63	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	33.18	82.81	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	12.04	94.85	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	4.99	99.84	-	-
⊕ Cmt Market Liquidity Rate	-	0.16	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 7.86 years.

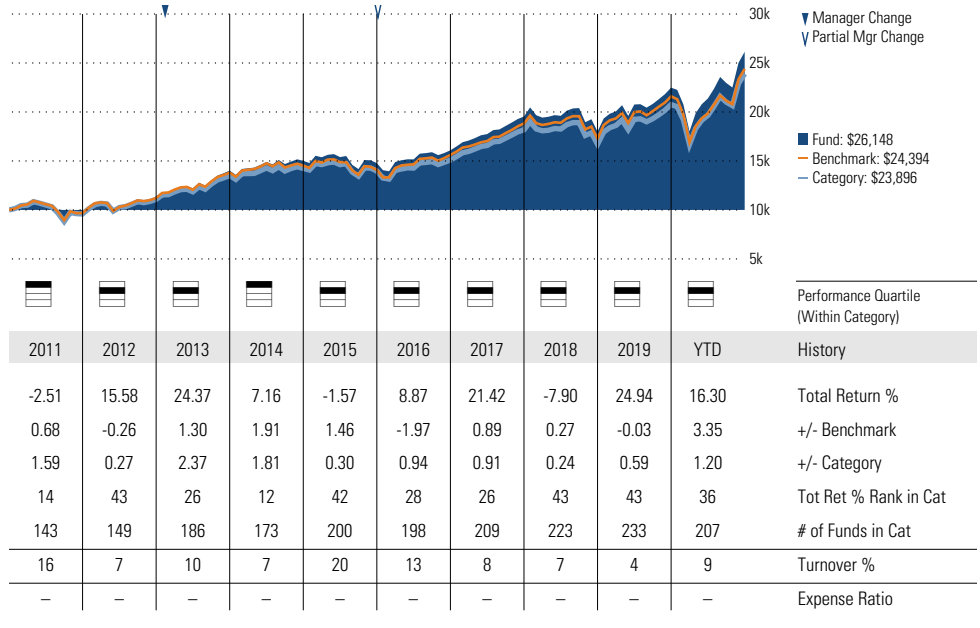
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

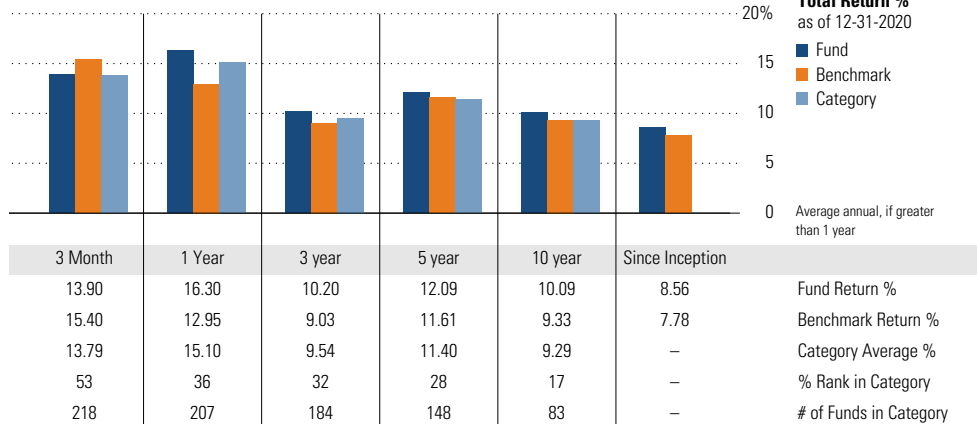
## Morningstar Investment Management LLC Analysis

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.

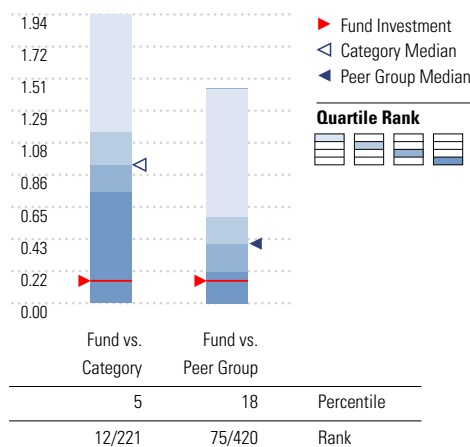
## Growth of \$10,000



## Trailing Performance



## Net Expense



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	1.27	-	0.75
Beta	0.97	-	0.96
R-Squared	99.41	-	99.01
Standard Deviation	16.97	17.40	16.73
Sharpe Ratio	0.57	0.50	0.54
Tracking Error	1.39	-	1.94
Information Ratio	0.84	-	0.25
Up Capture Ratio	101.76	-	98.47
Down Capture Ratio	96.84	-	95.60

## Portfolio Metrics

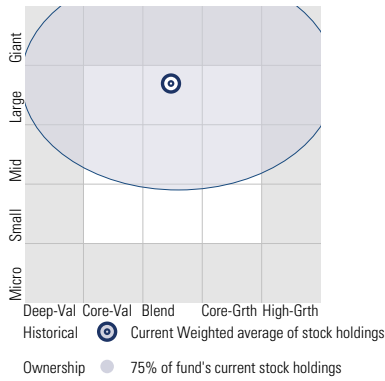
	Fund	Bmark	Cat
Price/Earnings Ratio	17.76	17.36	18.17
Price/Book Ratio	2.19	2.04	2.23
Avg Eff Duration	6.77	-	5.86

# Vanguard Target Retirement 2045 Inv VTIVX

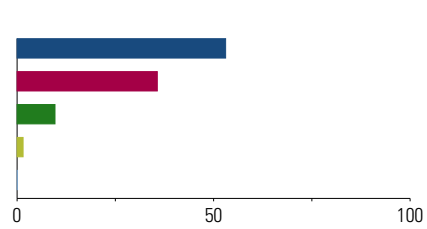
**Morningstar Category**  
Target-Date 2045

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

**Style Analysis** as of 12-31-2020  
Morningstar Style Box™

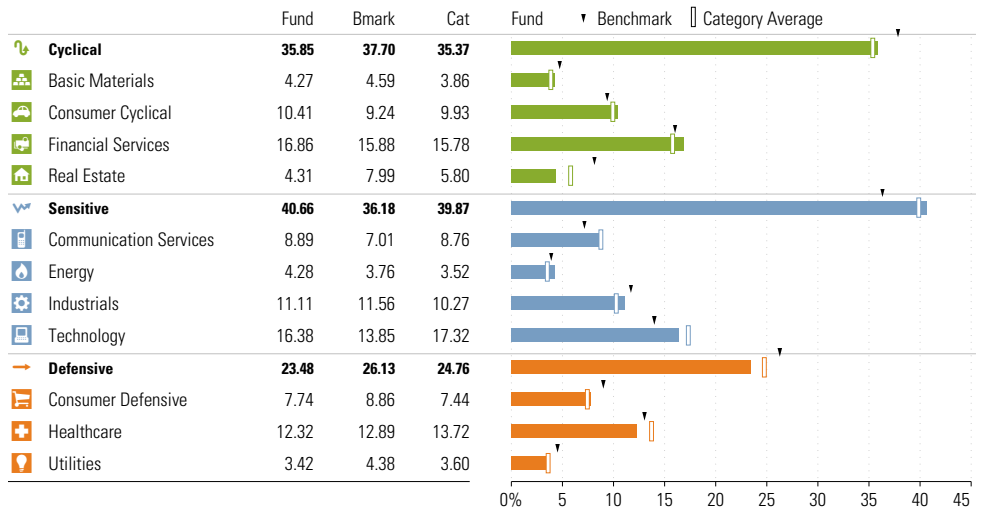


**Asset Allocation** as of 12-31-2020



Asset Class	Net %	Cat%
US Stocks	53.06	54.57
Non-US Stocks	35.67	31.00
Bonds	9.64	6.76
Cash	1.52	2.38
Other	0.10	5.29
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 12-31-2020



**Style Breakdown**



**Top 5 Holdings** as of 12-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	—	54.00	54.00	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	36.02	90.02	—	—
⊖ Vanguard Total Bond Market II Idx Inv	—	6.94	96.96	—	—
⊖ Vanguard Total Intl Bd Idx Investor	—	2.90	99.86	—	—
⊕ Cmt Market Liquidity Rate	—	0.14	100.00	—	—

**Total Holdings 5**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Target Retirement 2050 Inv VFIIX

**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 7.86 years.

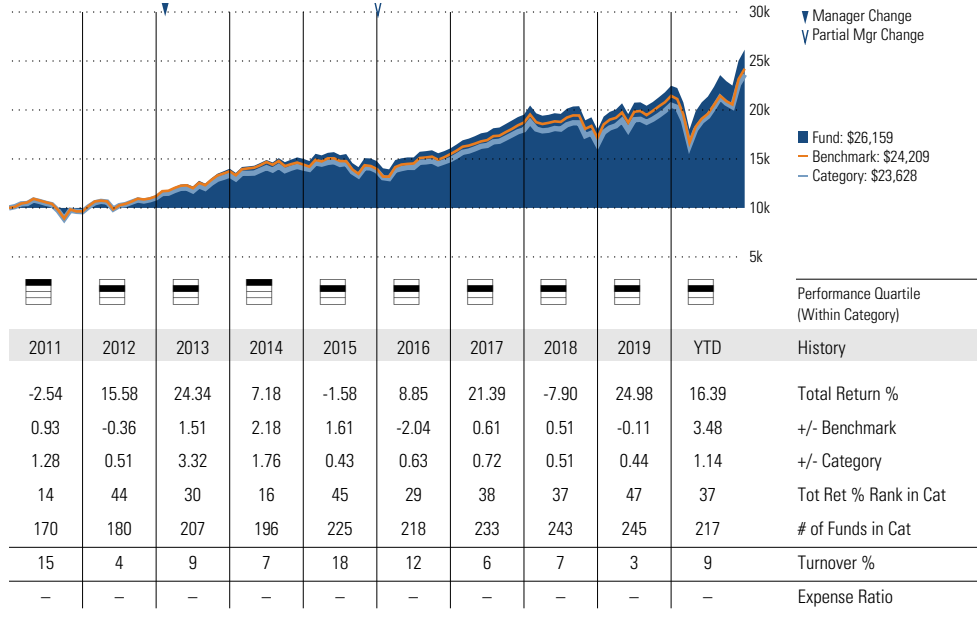
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.15 is 80.26% lower than the Target-Date 2050 category average.

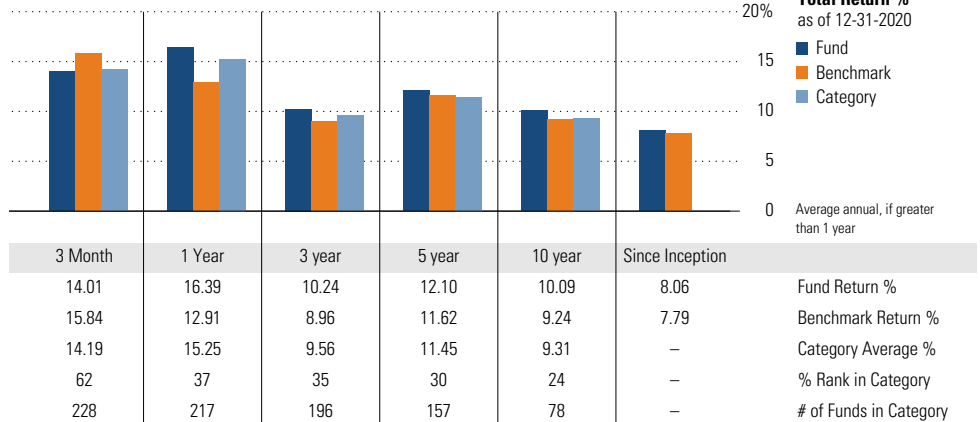
## Morningstar Investment Management LLC Analysis

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.

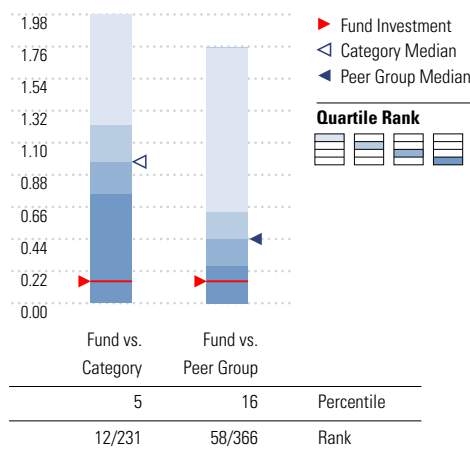
## Growth of \$10,000



## 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	1.49	-	0.90
Beta	0.96	-	0.94
R-Squared	99.37	-	98.21
Standard Deviation	16.99	17.71	16.84
Sharpe Ratio	0.57	0.49	0.53
Tracking Error	1.55	-	2.24
Information Ratio	0.83	-	0.28
Up Capture Ratio	100.71	-	97.64
Down Capture Ratio	94.90	-	94.26

## Portfolio Metrics

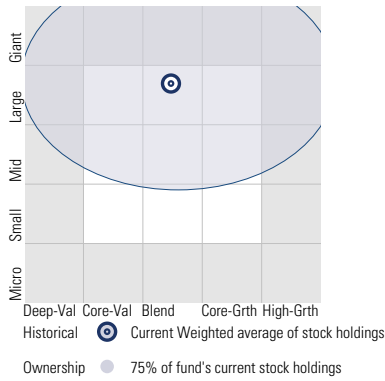
	Fund	Bmark	Cat
Price/Earnings Ratio	17.76	17.28	18.03
Price/Book Ratio	2.19	2.02	2.21
Avg Eff Duration	6.78	-	5.90

# Vanguard Target Retirement 2050 Inv VFIFX

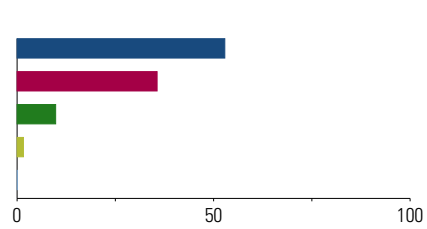
**Morningstar Category**  
Target-Date 2050

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

**Style Analysis** as of 12-31-2020  
Morningstar Style Box™

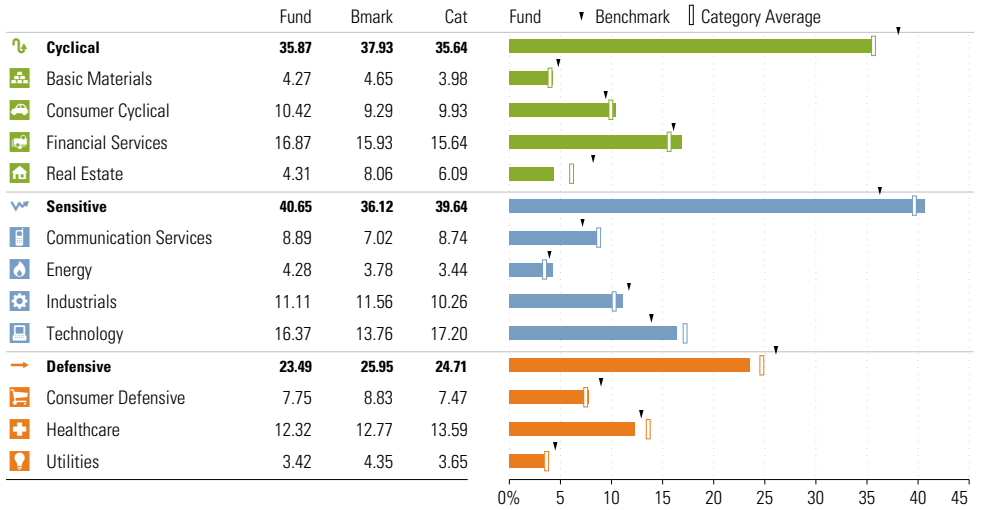


**Asset Allocation** as of 12-31-2020

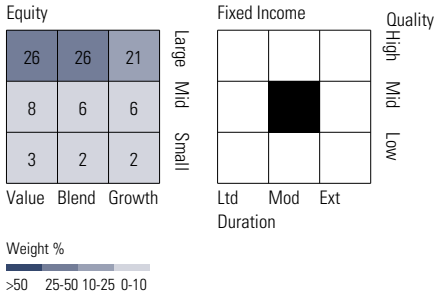


Asset Class	Net %	Cat%
US Stocks	52.85	53.96
Non-US Stocks	35.62	32.23
Bonds	9.81	5.91
Cash	1.61	2.28
Other	0.10	5.62
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 12-31-2020



**Style Breakdown**



**Top 5 Holdings** as of 12-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	—	53.78	53.78	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	35.97	89.75	—	—
⊖ Vanguard Total Bond Market II Idx Inv	—	7.04	96.80	—	—
⊖ Vanguard Total Intl Bd Idx Investor	—	2.97	99.77	—	—
⊕ Cmt Market Liquidity Rate	—	0.23	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 7.86 years.

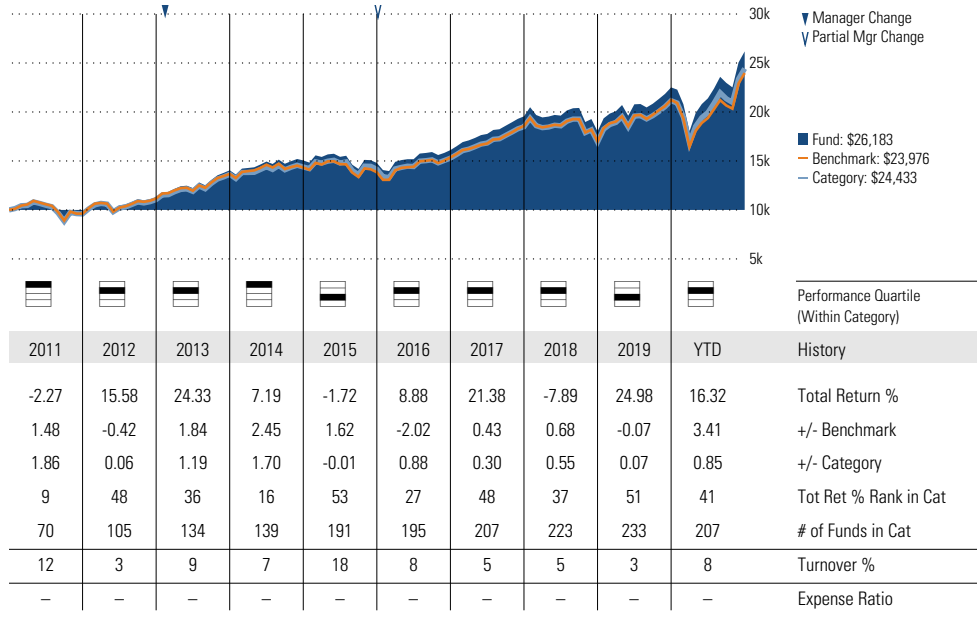
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.15 is 79.73% lower than the Target-Date 2055 category average.

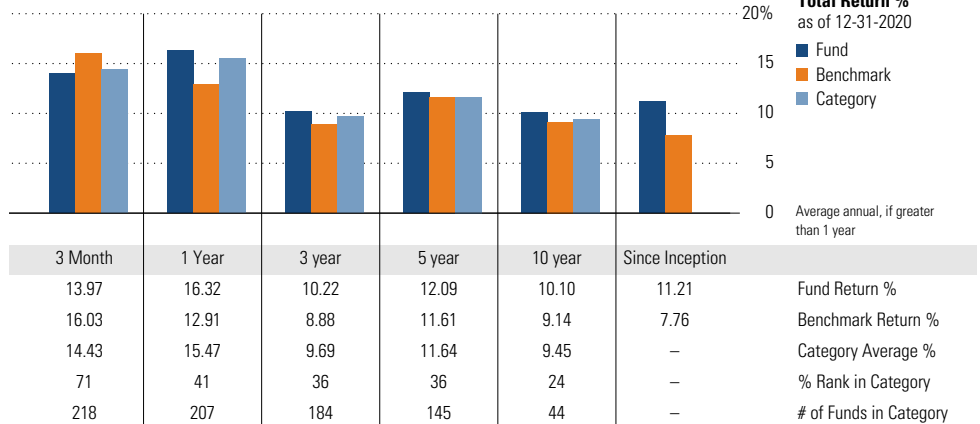
## Morningstar Investment Management LLC Analysis

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.

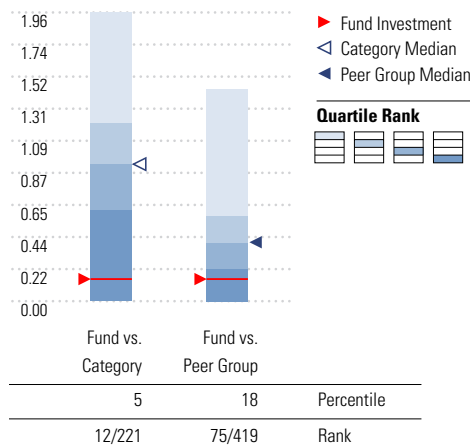
## Growth of \$10,000



## 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	1.58	-	0.96
Beta	0.95	-	0.96
R-Squared	99.34	-	98.94
Standard Deviation	16.98	17.79	17.24
Sharpe Ratio	0.57	0.48	0.53
Tracking Error	1.63	-	1.95
Information Ratio	0.82	-	0.37
Up Capture Ratio	100.40	-	99.81
Down Capture Ratio	94.25	-	96.21

## Portfolio Metrics

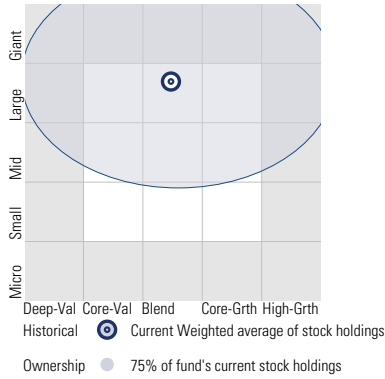
	Fund	Bmark	Cat
Price/Earnings Ratio	17.75	17.19	17.92
Price/Book Ratio	2.19	2.00	2.19
Avg Eff Duration	6.77	-	5.94

# Vanguard Target Retirement 2055 Inv VFFVX

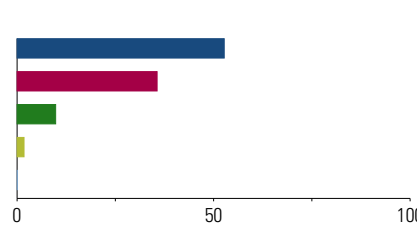
**Morningstar Category**  
Target-Date 2055

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

**Style Analysis** as of 12-31-2020  
Morningstar Style Box™

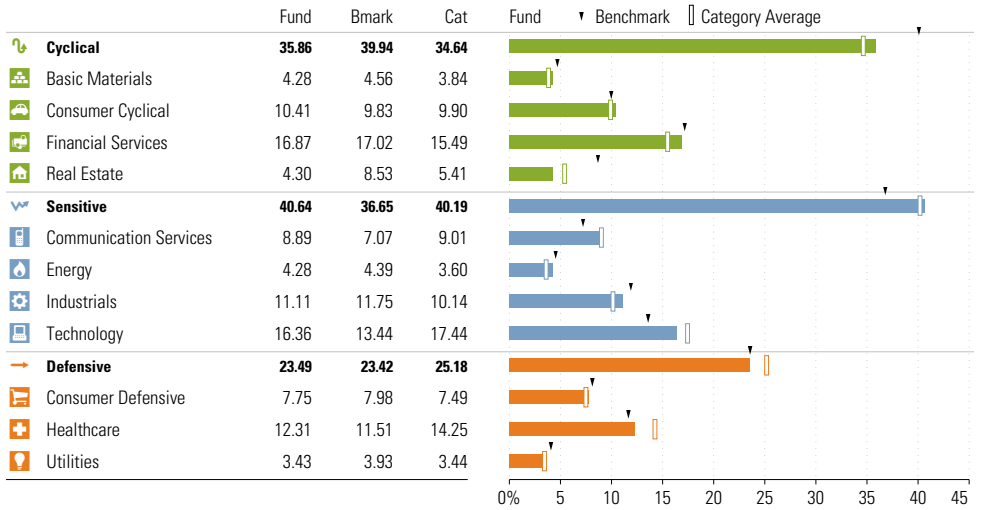


**Asset Allocation** as of 12-31-2020

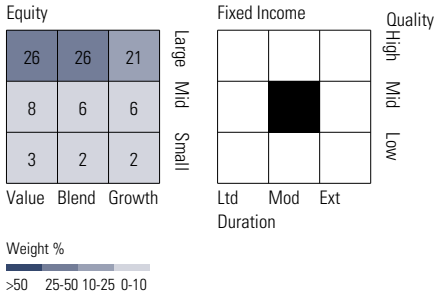


Asset Class	Net %	Cat%
US Stocks	52.70	55.53
Non-US Stocks	35.62	32.63
Bonds	9.81	5.86
Cash	1.76	2.92
Other	0.10	3.07
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 12-31-2020



**Style Breakdown**



**Top 5 Holdings** as of 12-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	—	53.63	53.63	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	35.98	89.61	—	—
⊖ Vanguard Total Bond Market II Idx Inv	—	7.07	96.67	—	—
⊖ Vanguard Total Intl Bd Idx Investor	—	2.95	99.62	—	—
⊕ Cmt Market Liquidity Rate	—	0.38	100.00	—	—

**Total Holdings 5**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2060 Inv VTTSX

**Morningstar Category**  
Target-Date 2060+

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

## Portfolio Manager(s)

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

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2060+ category's top three quartiles in 8 of the 8 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.86 years.

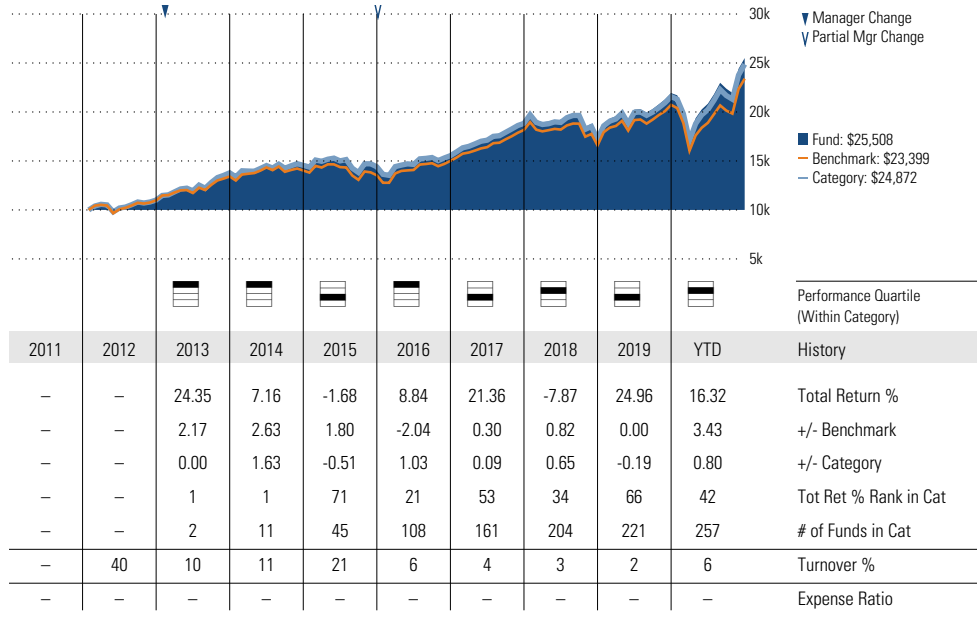
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

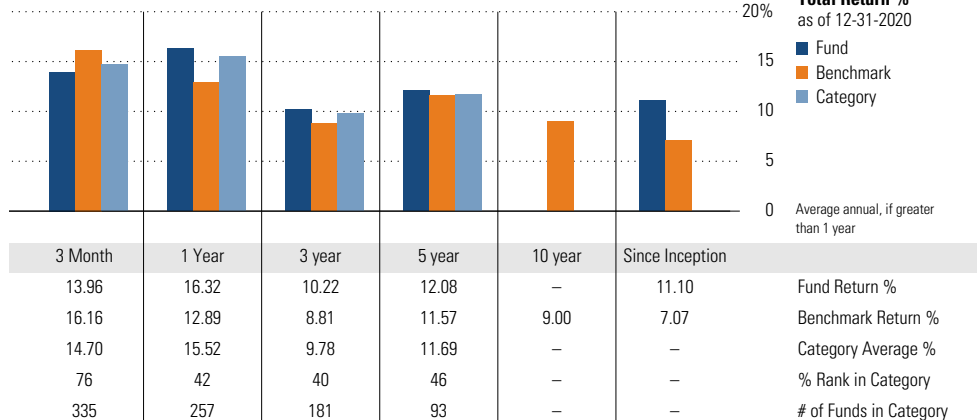
## Morningstar Investment Management LLC Analysis

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

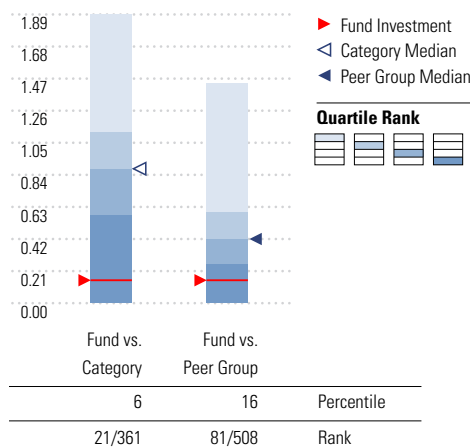
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.67	-	1.03
Beta	0.95	-	0.97
R-Squared	99.27	-	98.65
Standard Deviation	16.97	17.82	17.41
Sharpe Ratio	0.57	0.48	0.53
Tracking Error	1.72	-	2.06
Information Ratio	0.83	-	0.43
Up Capture Ratio	100.49	-	100.76
Down Capture Ratio	94.00	-	96.92

## Portfolio Metrics

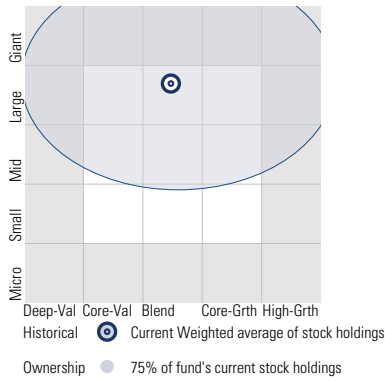
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.75	17.12	-
Price/Book Ratio	2.18	1.99	-
Avg Eff Duration	6.78	-	5.93

# Vanguard Target Retirement 2060 Inv VTTSX

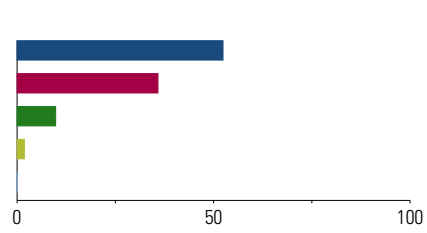
**Morningstar Category**  
Target-Date 2060+

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

**Style Analysis** as of 12-31-2020  
Morningstar Style Box™



**Asset Allocation** as of 12-31-2020

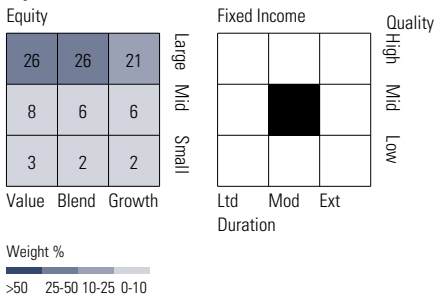


Asset Class	Net %	Cat%
US Stocks	52.39	53.21
Non-US Stocks	35.84	33.71
Bonds	9.81	7.63
Cash	1.85	2.83
Other	0.10	2.61
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 12-31-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>35.89</b>	<b>38.47</b>	<b>34.13</b>			
Basic Materials	4.30	4.76	4.05			
Consumer Cyclical	10.41	9.37	10.00			
Financial Services	16.88	16.04	15.41			
Real Estate	4.30	8.30	4.67			
<b>Sensitive</b>	<b>40.64</b>	<b>35.97</b>	<b>40.31</b>			
Communication Services	8.88	7.06	9.20			
Energy	4.30	3.80	3.56			
Industrials	11.12	11.54	10.22			
Technology	16.34	13.57	17.33			
<b>Defensive</b>	<b>23.47</b>	<b>25.55</b>	<b>25.56</b>			
Consumer Defensive	7.75	8.75	7.95			
Healthcare	12.30	12.52	14.19			
Utilities	3.42	4.28	3.42			

**Style Breakdown**



**Top 5 Holdings** as of 12-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	53.31	53.31	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	36.21	89.52	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	7.01	96.54	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	3.00	99.53	-	-
⊕ Cmt Market Liquidity Rate	-	0.47	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 3.47 years.

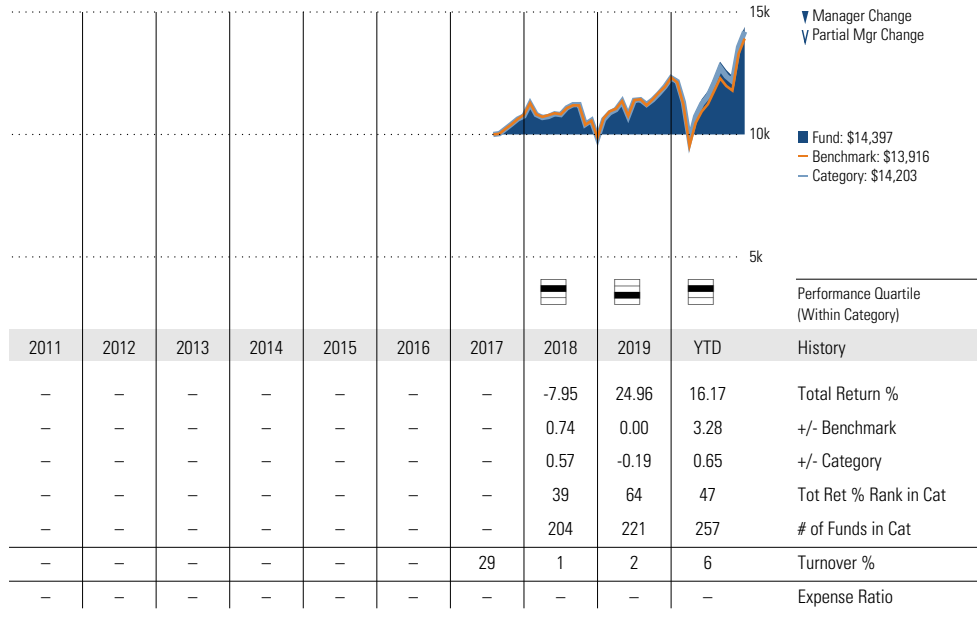
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

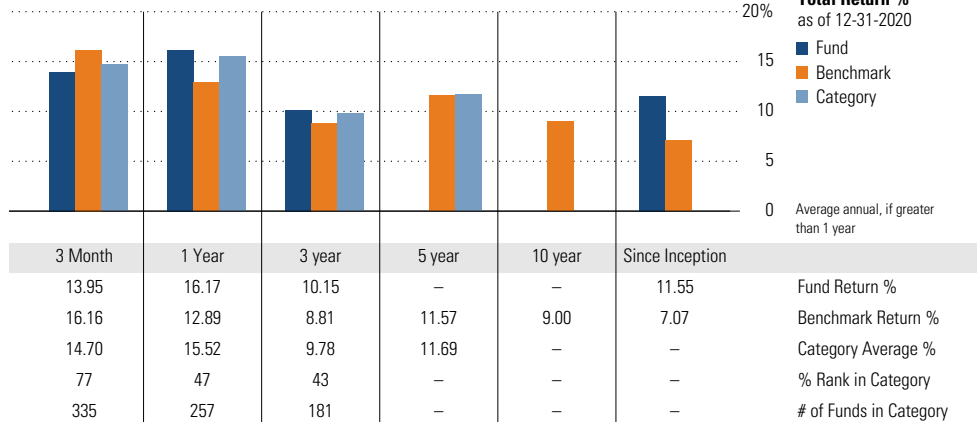
## Morningstar Investment Management LLC Analysis

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.

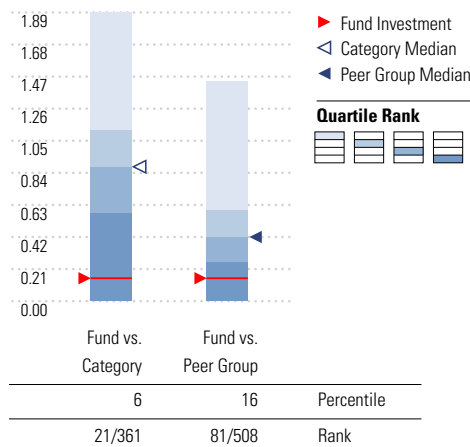
## Growth of \$10,000



## 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	1.59	-	1.03
Beta	0.95	-	0.97
R-Squared	99.31	-	98.65
Standard Deviation	16.99	17.82	17.41
Sharpe Ratio	0.56	0.48	0.53
Tracking Error	1.68	-	2.06
Information Ratio	0.80	-	0.43
Up Capture Ratio	100.36	-	100.76
Down Capture Ratio	94.17	-	96.92

## Portfolio Metrics

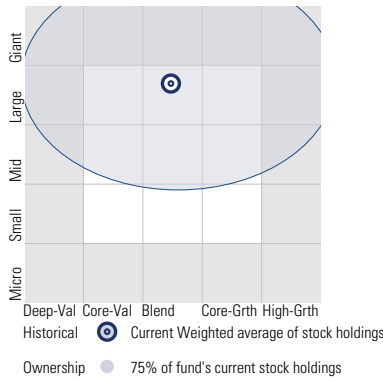
	Fund	Bmark	Cat
Price/Earnings Ratio	-	17.12	-
Price/Book Ratio	-	1.99	-
Avg Eff Duration	6.78	-	5.93

# Vanguard Target Retirement 2065 Inv VLXVX

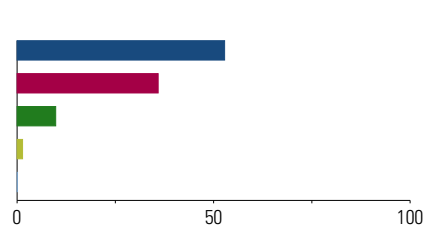
**Morningstar Category**  
Target-Date 2060+

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

**Style Analysis** as of 12-31-2020  
Morningstar Style Box™



**Asset Allocation** as of 12-31-2020



Asset Class	Net %	Cat%
US Stocks	52.80	53.21
Non-US Stocks	35.89	33.71
Bonds	9.82	7.63
Cash	1.39	2.83
Other	0.10	2.61
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 12-31-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>35.88</b>	<b>38.47</b>	<b>34.13</b>			
Basic Materials	4.29	4.76	4.05			
Consumer Cyclical	10.42	9.37	10.00			
Financial Services	16.87	16.04	15.41			
Real Estate	4.30	8.30	4.67			
<b>Sensitive</b>	<b>40.65</b>	<b>35.97</b>	<b>40.31</b>			
Communication Services	8.89	7.06	9.20			
Energy	4.29	3.80	3.56			
Industrials	11.12	11.54	10.22			
Technology	16.35	13.57	17.33			
<b>Defensive</b>	<b>23.49</b>	<b>25.55</b>	<b>25.56</b>			
Consumer Defensive	7.76	8.75	7.95			
Healthcare	12.30	12.52	14.19			
Utilities	3.43	4.28	3.42			

**Style Breakdown**



**Top 5 Holdings** as of 12-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	—	53.73	53.73	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	36.25	89.98	—	—
⊖ Vanguard Total Bond Market II Idx Inv	—	7.02	97.00	—	—
⊖ Vanguard Total Intl Bd Idx Investor	—	3.00	100.00	—	—
⊖ Cmt Market Liquidity Rate	—	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 7.86 years.

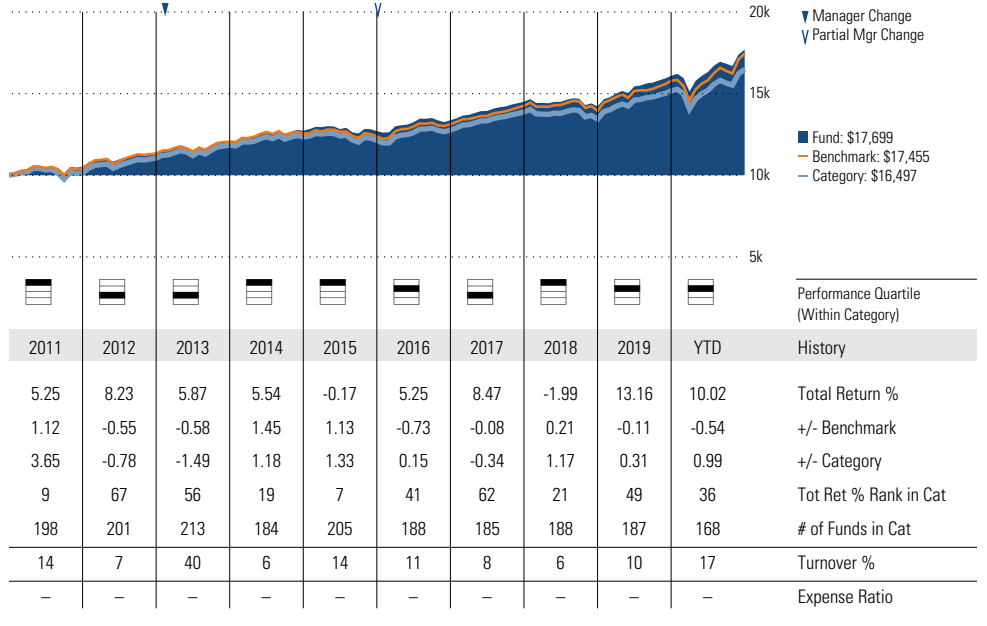
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.12 is 83.56% lower than the Target-Date Retirement category average.

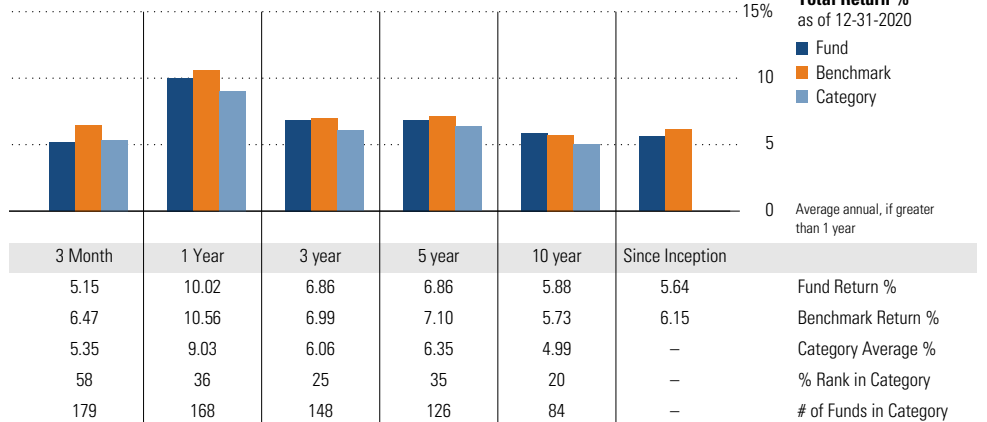
## Morningstar Investment Management LLC Analysis

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.

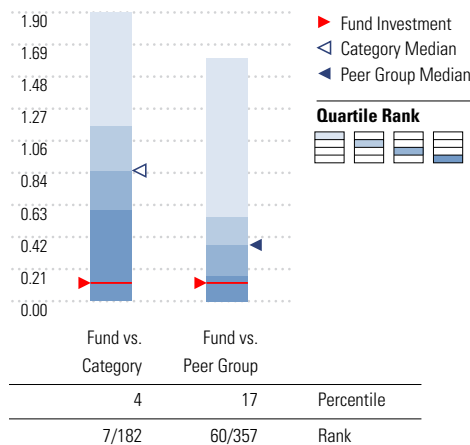
## Growth of \$10,000



## 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	0.90	-	-0.64
Beta	0.84	-	0.95
R-Squared	97.80	-	94.09
Standard Deviation	6.22	7.29	7.09
Sharpe Ratio	0.85	0.75	0.64
Tracking Error	1.47	-	2.12
Information Ratio	-0.09	-	-0.44
Up Capture Ratio	87.60	-	88.28
Down Capture Ratio	76.64	-	91.88

## Portfolio Metrics

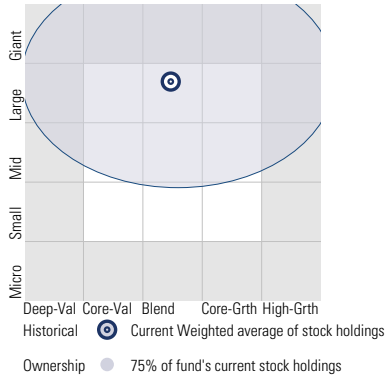
	Fund	Bmark	Cat
Price/Earnings Ratio	17.76	18.03	17.72
Price/Book Ratio	2.19	2.24	2.19
Avg Eff Duration	5.79	4.99	5.35

# Vanguard Target Retirement Income Inv VTINX

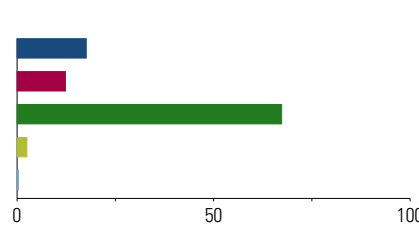
**Morningstar Category**  
Target-Date Retirement

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

**Style Analysis** as of 12-31-2020  
Morningstar Style Box™

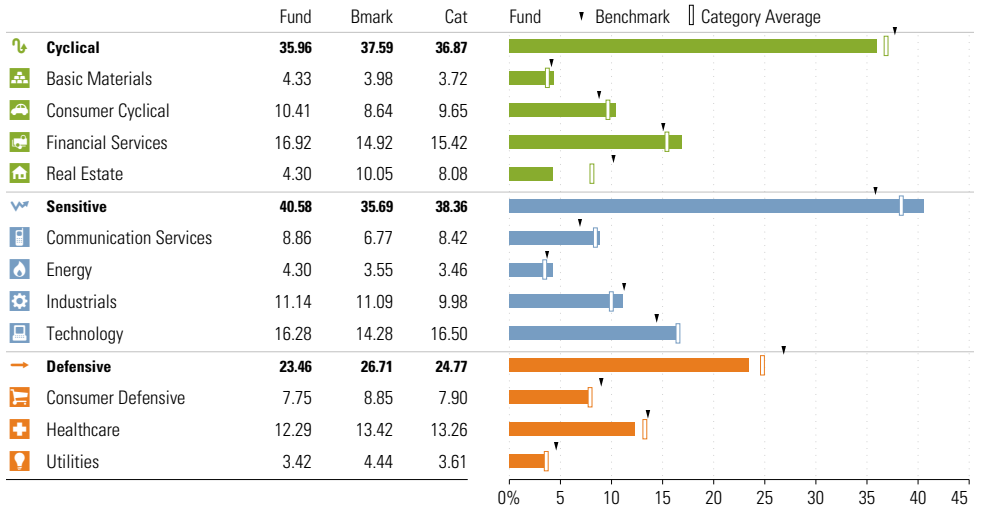


**Asset Allocation** as of 12-31-2020

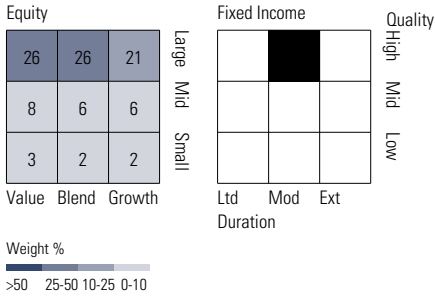


Asset Class	Net %	Cat%
US Stocks	17.59	19.28
Non-US Stocks	12.29	9.68
Bonds	67.31	56.08
Cash	2.48	5.53
Other	0.31	9.43
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 12-31-2020



**Style Breakdown**



**Top 6 Holdings** as of 12-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	–	37.55	37.55	–	–
⊕ Vanguard Total Stock Mkt Idx Inv	–	17.90	55.45	–	–
⊖ Vanguard Shrt-Term Infl-Prot Sec Idx Inv	–	16.51	71.96	–	–
⊖ Vanguard Total Intl Bd Idx Investor	–	15.55	87.50	–	–
⊕ Vanguard Total Intl Stock Index Inv	–	12.42	99.93	–	–
⊕ Cmt Market Liquidity Rate	–	0.07	100.00	–	–

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Ultra-Short-Term Bond Admiral VUSFX

**Morningstar Category**  
Ultrashort Bond

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

## Portfolio Manager(s)

Samuel Martinez since 01-2017  
Daniel Shaykevich since 04-2018  
Arvind Narayanan since 11-2019

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 3.93 years.

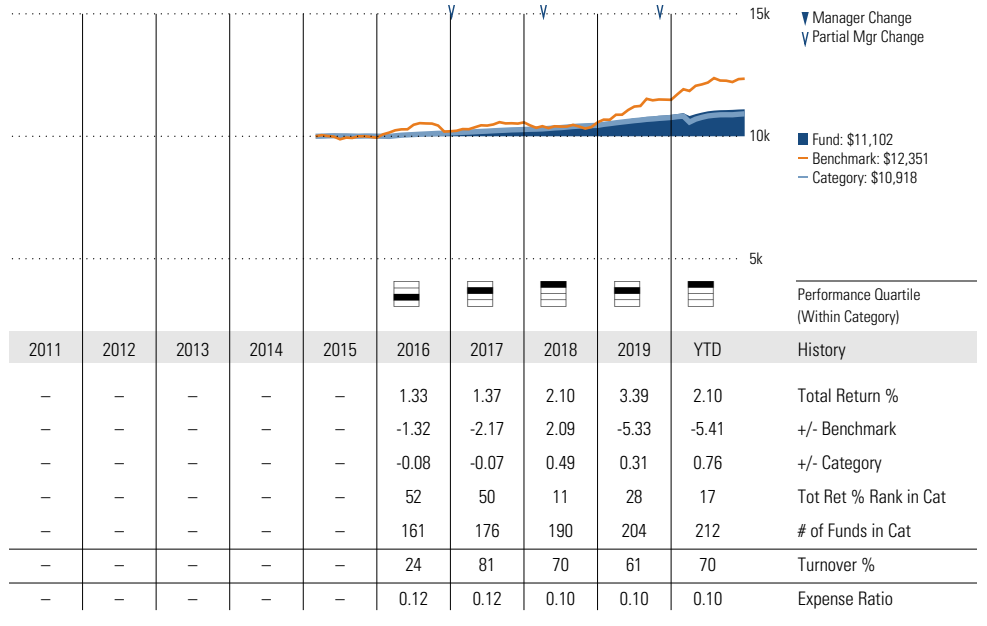
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.1 is 77.78% lower than the Ultrashort Bond category average.

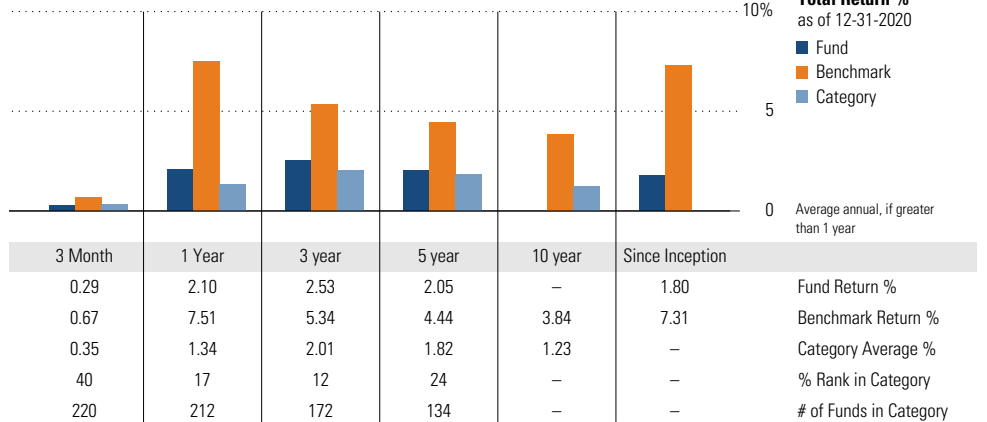
## Morningstar Investment Management LLC Analysis

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

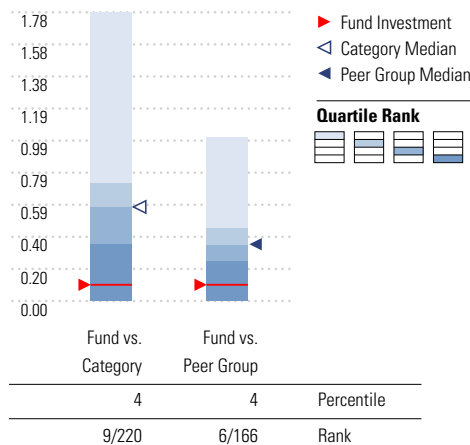
## Growth of \$10,000



## 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	1.74	-	1.17
Beta	0.14	-	0.15
R-Squared	27.69	-	12.20
Standard Deviation	0.93	3.40	1.76
Sharpe Ratio	1.07	1.11	0.30
Tracking Error	3.02	-	3.49
Information Ratio	-0.93	-	-0.98
Up Capture Ratio	30.49	-	28.24
Down Capture Ratio	-7.91	-	7.79

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	0.86	4.43	0.87
Avg Eff Maturity	0.80	-	1.41

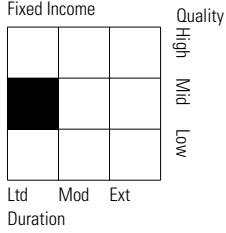
# Vanguard Ultra-Short-Term Bond Admiral VUSFX

**Morningstar Category**  
Ultrashort Bond

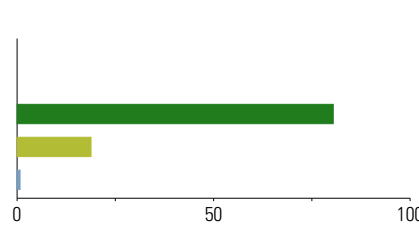
**Morningstar Index**  
BBgBarc US Agg Bond TR USD

## Style Analysis as of 12-31-2020

### Style Breakdown



## Asset Allocation as of 12-31-2020

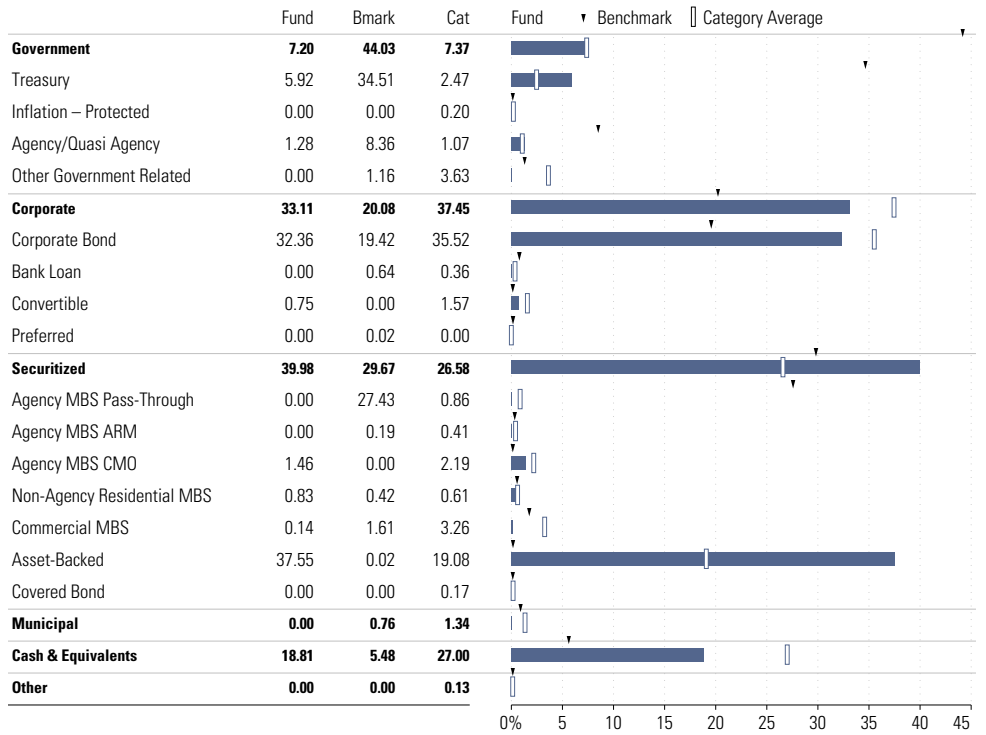


Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.00
Bonds	80.44	70.50
Cash	18.81	26.95
Other	0.75	2.56
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	41.30	3.53	56.93
AA	10.71	74.59	7.29
A	27.68	10.82	16.98
BBB	16.56	8.32	12.33
BB	0.22	0.28	1.33
B	0.08	0.00	0.01
Below B	0.00	0.00	0.38
Not Rated	3.45	2.46	4.75

## Sector Weighting as of 12-31-2020



## Top 10 Holdings as of 12-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Vanguard Market Liquidity Inv	–	7.25	7.25	–
United States Treasury Bills 1.79%	09-2020	3.70	10.95	–
Japan(Govt Of) 2.5%	03-2020	1.39	12.33	–
⊕ Goldman Sachs Group, Inc. 2.75%	09-2020	0.95	13.28	–
⊕ Ford Credit Floorplan Master Owner Trust A 2.16%	09-2022	0.91	14.20	–
⊕ Japan(Govt Of) 0%	01-2020	0.90	15.09	–
⊕ Chesapeake Funding II Llc 3.23%	08-2030	0.86	15.96	–
⊕ SANTANDER RETAIL AUTO LEASE TRUST 2.93%	05-2021	0.86	16.82	–
⊕ Japan T-Bill	03-2020	0.83	17.64	–
⊕ Japan(Govt Of) 0%	02-2020	0.83	18.47	–

**Total Holdings 437**

⊕ Increase ⊖ Decrease ✱ New to Portfolio