

# 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 8 of the 10 years it's been in existence.

**Management:** The fund's management has been in place for 17.51 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 22% lower than the Mid-Cap Value category average.

## Morningstar Investment Management LLC Analysis

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

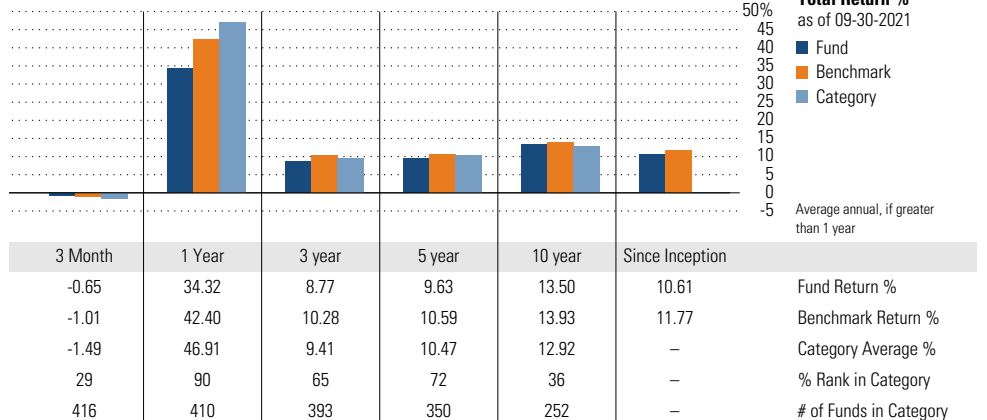
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2021
Carbon Risk Score	Medium Risk	06-30-2021

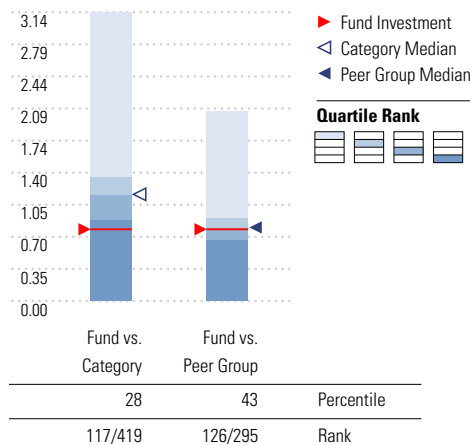
## Growth of \$10,000



## 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	-0.50	-	-1.29
Beta	0.88	-	1.04
R-Squared	97.10	-	96.77
Standard Deviation	20.96	23.44	24.74
Sharpe Ratio	0.46	0.49	0.44
Tracking Error	4.53	-	5.00
Information Ratio	-0.33	-	-0.26
Up Capture Ratio	90.98	-	102.15
Down Capture Ratio	93.44	-	107.29

## Portfolio Metrics

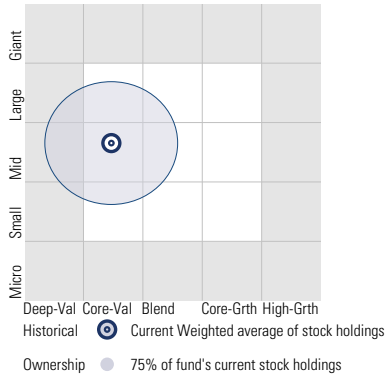
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	16.90	17.38	17.69
Price/Book Ratio	2.06	2.32	2.15
Geom Avg Mkt Cap \$B	18.07	17.30	13.26
ROE	14.18	14.09	16.51

# American Century Mid Cap Value I AVUAX

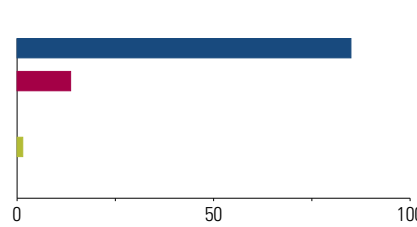
**Morningstar Category**  
Mid-Cap Value

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

**Style Analysis** as of 09-30-2021  
Morningstar Style Box™



**Asset Allocation** as of 09-30-2021

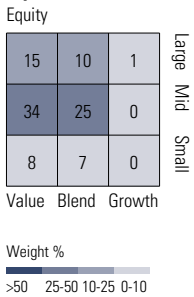


Asset Class	Net %	Cat%
US Stocks	84.94	91.25
Non-US Stocks	13.62	5.88
Bonds	0.00	0.02
Cash	1.44	2.31
Other	0.00	0.54
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2021

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>37.74</b>	<b>45.17</b>	<b>43.82</b>			
Basic Materials	2.25	5.15	5.07			
Consumer Cyclical	9.28	11.86	12.23			
Financial Services	20.42	16.53	20.02			
Real Estate	5.79	11.63	6.50			
<b>Sensitive</b>	<b>28.51</b>	<b>34.89</b>	<b>33.32</b>			
Communication Services	1.60	4.05	3.13			
Energy	4.93	5.31	4.59			
Industrials	15.67	14.42	16.16			
Technology	6.31	11.11	9.44			
<b>Defensive</b>	<b>33.74</b>	<b>19.93</b>	<b>22.85</b>			
Consumer Defensive	9.71	4.74	6.37			
Healthcare	16.36	8.36	10.03			
Utilities	7.67	6.83	6.45			

**Style Breakdown**



**Top 15 Holdings** as of 09-30-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Zimmer Biomet Holdings Inc	3.14	3.14	-4.55	Healthcare
⊖ Bank of New York Mellon Corp	2.56	5.70	24.41	Financial Services
⊕ Chubb Ltd	2.37	8.06	14.25	Financial Services
⊕ Northern Trust Corp	2.21	10.27	18.01	Financial Services
⊖ Advance Auto Parts Inc	1.94	12.21	34.05	Consumer Cyclical
⊕ Conagra Brands Inc	1.93	14.14	-4.21	Consumer Defensive
⊖ ConocoPhillips	1.92	16.06	72.69	Energy
⊕ Sonoco Products Co	1.83	17.90	2.84	Consumer Cyclical
⊕ Cerner Corp	1.82	19.72	-9.30	Healthcare
⊕ Southwest Airlines Co	1.81	21.53	10.34	Industrials
⊕ Truist Financial Corp	1.76	23.30	25.25	Financial Services
⊖ Universal Health Services Inc Class B	1.74	25.03	1.07	Healthcare
Edison International	1.73	26.76	-8.54	Utilities
⊖ Emerson Electric Co	1.70	28.47	19.09	Industrials
⊖ Quest Diagnostics Inc	1.67	30.14	23.45	Healthcare

**Total Holdings 101**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# American Funds New Perspective R6 RNPGX

**Morningstar Category**  
World Large-Stock Growth

**Morningstar Index**  
MSCI ACWI NR US

## Portfolio Manager(s)

Robert Lovelace since 12-2000  
Jonathan Knowles since 12-2004  
Jody Jonsson since 12-2005  
Steven Watson since 12-2005  
Brady Enright 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 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 20.84 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.42 is 62.83% lower than the World Large-Stock 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.

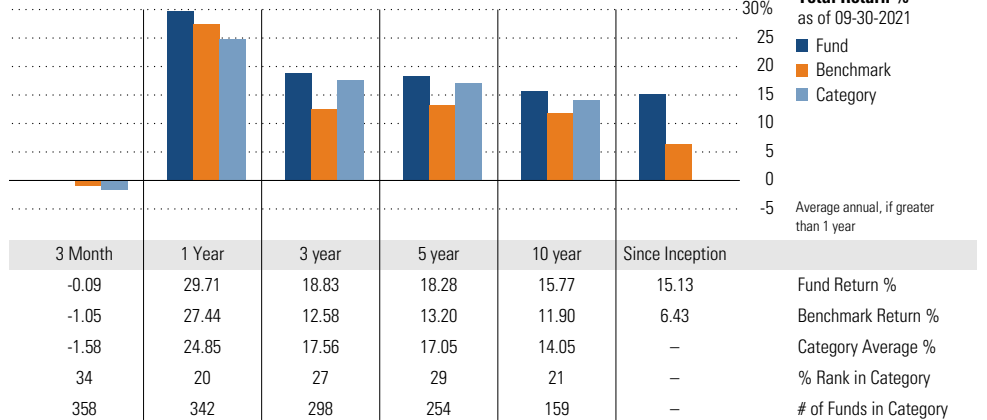
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	2-Basic	10-08-2021
Sustainability Rating	2	08-31-2021
Carbon Risk Score	Low Risk	06-30-2021

## 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	5.09	-	4.56
Beta	1.04	-	1.00
R-Squared	97.01	-	90.69
Standard Deviation	19.23	18.20	19.14
Sharpe Ratio	0.94	0.68	0.88
Tracking Error	3.41	-	5.74
Information Ratio	1.83	-	0.83
Up Capture Ratio	113.70	-	108.89
Down Capture Ratio	93.86	-	92.02

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	26.01	19.25	30.80
Price/Book Ratio	4.41	2.80	5.12
Geom Avg Mkt Cap \$B	138.15	103.24	142.97
ROE	22.61	24.45	22.85

# American Funds New Perspective R6 RNPGX

**Morningstar Category**  
World Large-Stock Growth

**Morningstar Index**  
MSCI ACWI NR USD

## Style Analysis as of 09-30-2021

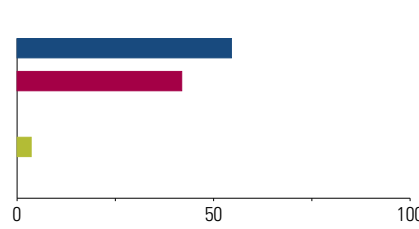
Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 09-30-2021



Asset Class	Net %	Cat%
US Stocks	54.53	56.87
Non-US Stocks	41.89	40.47
Bonds	0.00	0.00
Cash	3.58	2.18
Other	0.00	0.48
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2021



## World Regions % Equity 09-30-2021



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	13.11	14.99	Americas	60.43	61.89	Greater Europe	26.45	23.12	Developed Markets	95.02
Japan	3.38	3.98	North America	58.47	60.35	United Kingdom	3.63	4.89	Emerging Markets	4.98
Australasia	0.63	0.32	Central/Latin	1.96	1.54	W euro-ex UK	21.72	17.65	Not Available	0.00
Asia-4 Tigers	7.03	4.78				Emrgng Europe	0.67	0.20		
Asia-ex 4 Tigers	2.07	5.91				Africa	0.43	0.38		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 09-30-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Tesla Inc	5.86	5.86	9.89	Consumer Cyclical
Capital Group Central Cash Fund	3.77	9.63	-	-
Microsoft Corp	3.52	13.15	27.51	Technology
Facebook Inc Class A	2.98	16.13	24.25	Communication Svc
Taiwan Semiconductor Manufacturing Co Ltd	2.91	19.04	10.90	Technology
Amazon.com Inc	2.91	21.95	0.86	Consumer Cyclical
PayPal Holdings Inc	1.82	23.77	11.11	Financial Services
ASML Holding NV	1.60	25.37	62.80	Technology
JPMorgan Chase & Co	1.46	26.82	30.94	Financial Services
Alphabet Inc Class C	1.33	28.15	52.14	Communication Svc

**Total Holdings 307**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# American Funds Washington Mutual R6 RWMGX

**Morningstar Category**  
Large Blend

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 24.27 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.27 is 67.47% lower than the Large Blend category average.

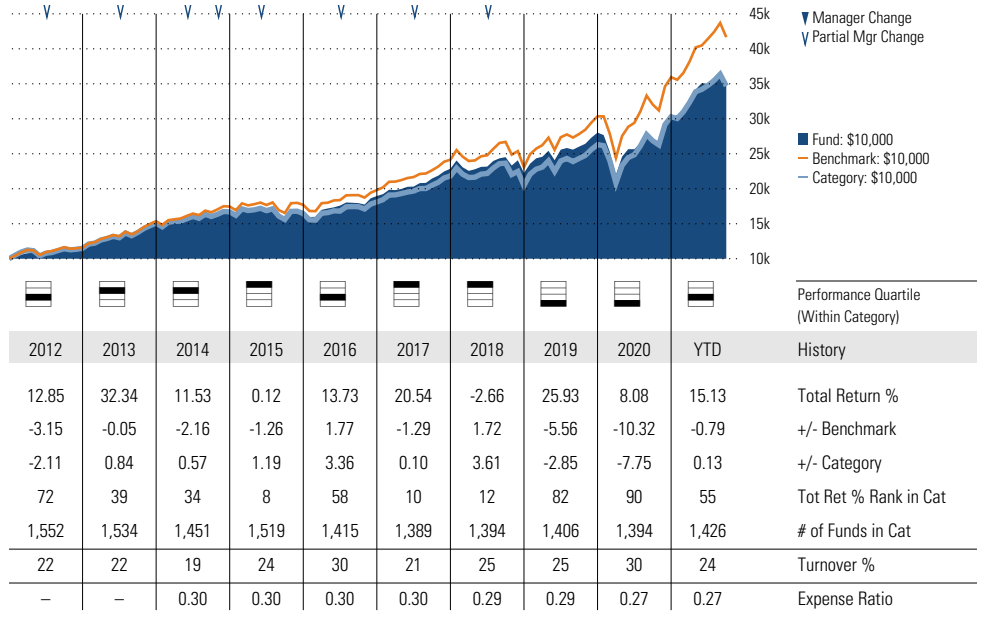
## Morningstar Investment Management LLC Analysis

This fund fails our style consistency screen as the portfolio has slightly drifted from the large-blend portion of the Morningstar style box to the large-value portion however, the underlying investment strategy remains consistent so we are not concerned with this style failure.

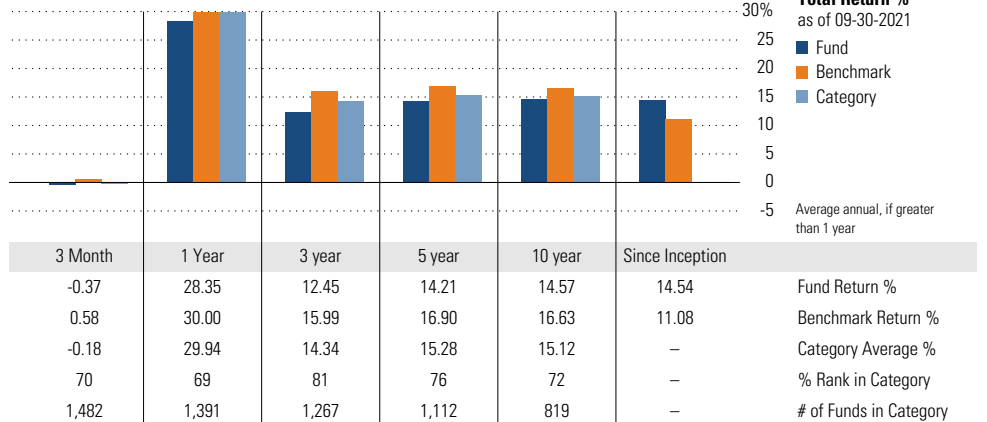
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	10-08-2021
Sustainability Rating	2	08-31-2021
Carbon Risk Score	Low Risk	06-30-2021

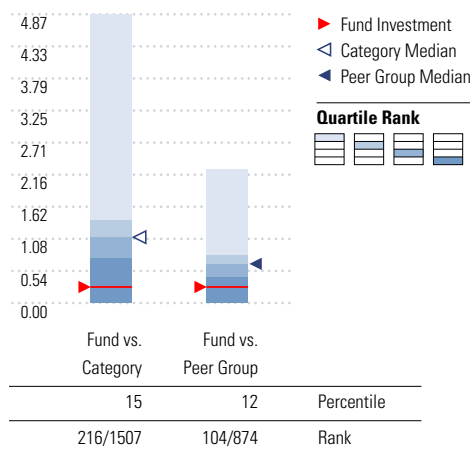
## Growth of \$10,000



## 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	-	-1.35
Beta	0.90	-	0.97
R-Squared	95.10	-	95.76
Standard Deviation	17.28	18.81	18.73
Sharpe Ratio	0.70	0.83	0.74
Tracking Error	4.30	-	3.76
Information Ratio	-0.82	-	-1.00
Up Capture Ratio	85.35	-	94.15
Down Capture Ratio	90.75	-	98.89

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.95	24.09	22.21
Price/Book Ratio	3.17	4.27	4.41
Geom Avg Mkt Cap \$B	137.45	201.74	256.86
ROE	25.47	31.23	31.98

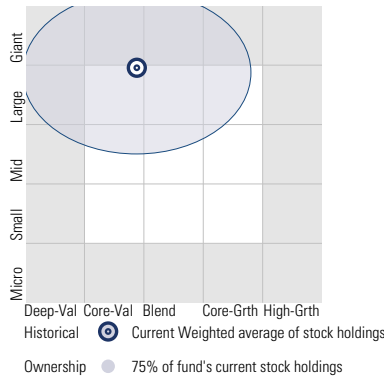
# American Funds Washington Mutual R6 RWMGX

**Morningstar Category**  
Large Blend

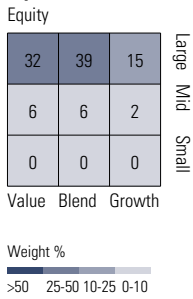
**Morningstar Index**  
S&P 500 TR USD

## Style Analysis as of 09-30-2021

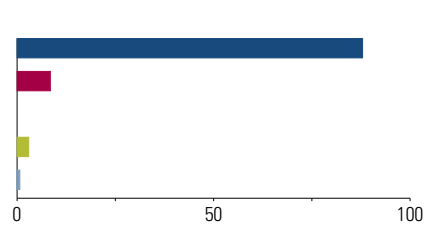
Morningstar Style Box™



## Style Breakdown

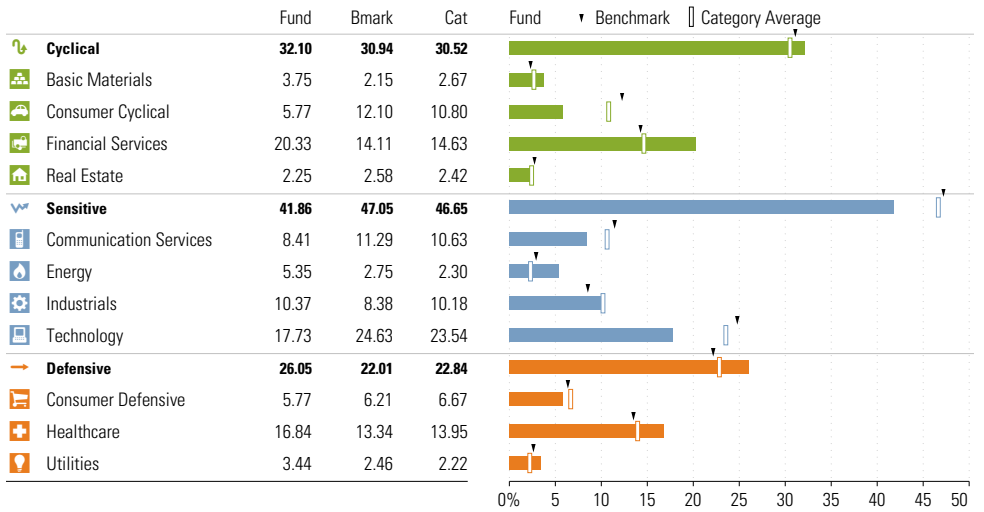


## Asset Allocation as of 09-30-2021



Asset Class	Net %	Cat%
US Stocks	87.91	94.81
Non-US Stocks	8.45	3.07
Bonds	0.00	0.50
Cash	2.95	1.19
Other	0.69	0.42
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2021



## Top 15 Holdings as of 09-30-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	5.85	5.85	27.51	Technology
Broadcom Inc	5.02	10.86	13.22	Technology
Comcast Corp Class A	4.26	15.13	8.13	Communication Svc
UnitedHealth Group Inc	3.35	18.48	12.61	Healthcare
Capital Group Central Cash Fund	3.02	21.50	-	-
BlackRock Inc	2.25	23.74	17.95	Financial Services
JPMorgan Chase & Co	2.21	25.95	30.94	Financial Services
Marsh & McLennan Companies Inc	2.09	28.04	30.68	Financial Services
The Home Depot Inc	1.97	30.01	25.45	Consumer Cyclical
CVS Health Corp	1.87	31.88	26.44	Healthcare
Pfizer Inc	1.76	33.64	20.02	Healthcare
CME Group Inc Class A	1.73	35.37	7.71	Financial Services
Johnson & Johnson	1.71	37.08	4.61	Healthcare
Intel Corp	1.59	38.67	9.04	Technology
PNC Financial Services Group Inc	1.19	39.86	33.68	Financial Services

**Total Holdings 190**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Baird Aggregate Bond Inst BAGIX

**Morningstar Category**  
Intermediate Core Bond

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

## Portfolio Manager(s)

M. Sharon deGuzman since 09-2000  
 Mary Ellen Stanek since 09-2000  
 Charles Groeschell since 09-2000  
 Warren Pierson since 09-2000  
 Meghan Dean since 05-2019  
 Jay Schwister since 05-2019  
 Jeffrey Schrom since 05-2019  
 Patrick Brown since 05-2021

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 21.02 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.3 is 49.15% lower than the Intermediate Core Bond category average.

## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	10-08-2021

## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.20	-	0.04
Beta	1.07	-	0.99
R-Squared	91.91	-	84.99
Standard Deviation	3.97	3.54	3.85
Sharpe Ratio	1.24	1.23	1.15
Tracking Error	1.16	-	1.45
Information Ratio	0.52	-	-0.11
Up Capture Ratio	111.25	-	102.59
Down Capture Ratio	111.70	-	107.80

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	6.71	4.43	5.97
Avg Eff Maturity	8.41	-	7.18

# Baird Aggregate Bond Inst BAGIX

**Morningstar Category**  
Intermediate Core Bond

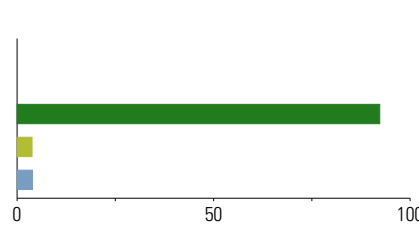
**Morningstar Index**  
BBgBarc US Agg Bond TR USD

**Style Analysis** as of 09-30-2021

**Style Breakdown**



**Asset Allocation** as of 09-30-2021

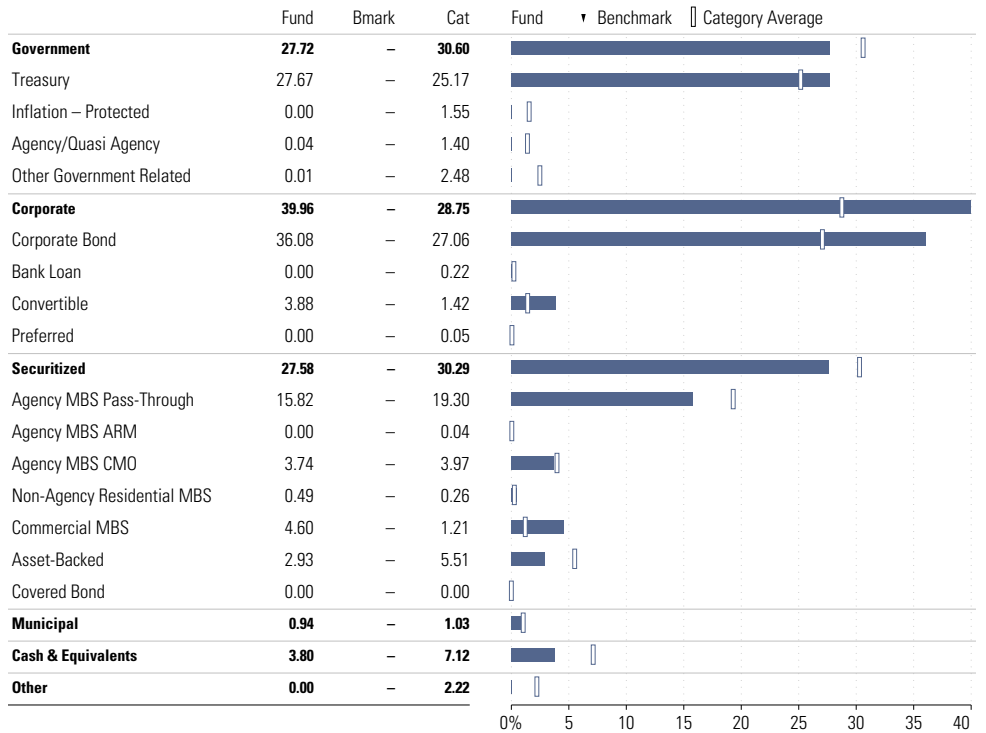


Asset Class	Net %	Cat%
US Stocks	0.00	0.04
Non-US Stocks	0.00	0.00
Bonds	92.27	96.10
Cash	3.80	1.66
Other	3.93	2.19
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Credit Rating Breakdown**

	Fund	Bmark	Cat
AAA	58.50	3.53	43.55
AA	3.60	74.59	12.60
A	13.80	10.82	24.08
BBB	23.40	8.32	15.65
BB	0.70	0.28	2.30
B	0.00	0.00	0.77
Below B	0.00	0.00	0.30
Not Rated	0.00	2.46	0.75

**Sector Weighting** as of 09-30-2021



**Top 10 Holdings** as of 09-30-2021

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Bonds 2.5%	02-2045	4.46	4.46	-
⊖ United States Treasury Bonds 2.88%	05-2043	3.92	8.38	-
⊕ First American Government Obligs U	02-2030	3.69	12.08	-
⊕ United States Treasury Notes 2.25%	11-2027	3.45	15.53	-
⊕ United States Treasury Notes 2%	11-2026	3.42	18.95	-
⊕ United States Treasury Notes 0.63%	08-2030	2.81	21.76	-
⊕ United States Treasury Notes 0.38%	07-2024	2.51	24.26	-
⊖ United States Treasury Notes 2.5%	05-2024	2.48	26.74	-
⊕ United States Treasury Notes 2.25%	11-2025	2.20	28.94	-
⊕ United States Treasury Bonds 2.88%	05-2049	1.18	30.12	-

**Total Holdings 1519**

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# BlackRock Global Allocation Instl MALOX

**Morningstar Category**  
World Allocation

**Morningstar Index**  
Morningstar Gbl Allocation TR USD

## Portfolio Manager(s)

Russ Koesterich since 01-2017  
David Clayton since 01-2017  
Rick Rieder since 04-2019

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 4.75 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 0.82 is 31.09% lower than the World Allocation 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.

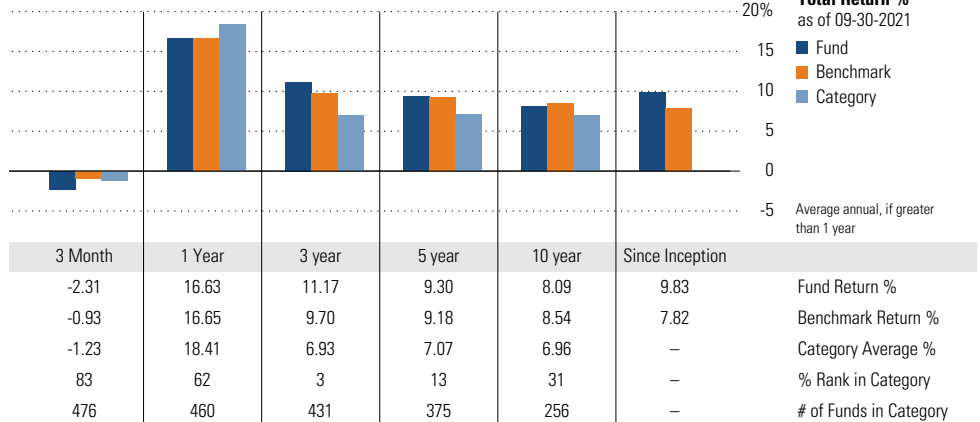
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2021
Carbon Risk Score	Low Risk	06-30-2021

## 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	1.03	-	-2.95
Beta	1.04	-	1.09
R-Squared	97.87	-	90.55
Standard Deviation	12.29	11.73	13.40
Sharpe Ratio	0.84	0.76	0.52
Tracking Error	1.85	-	4.51
Information Ratio	0.80	-	-0.55
Up Capture Ratio	103.11	-	97.71
Down Capture Ratio	93.88	-	116.08

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	23.98	18.48	16.83
Price/Book Ratio	3.22	2.61	2.21
Avg Eff Duration	2.14	-	2.76

# BlackRock Global Allocation Instl MALOX

**Morningstar Category**  
World Allocation

**Morningstar Index**  
Morningstar Gbl Allocation TR USD

## Style Analysis as of 09-30-2021

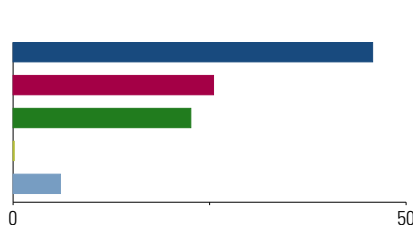
Morningstar Style Box™



## Style Breakdown

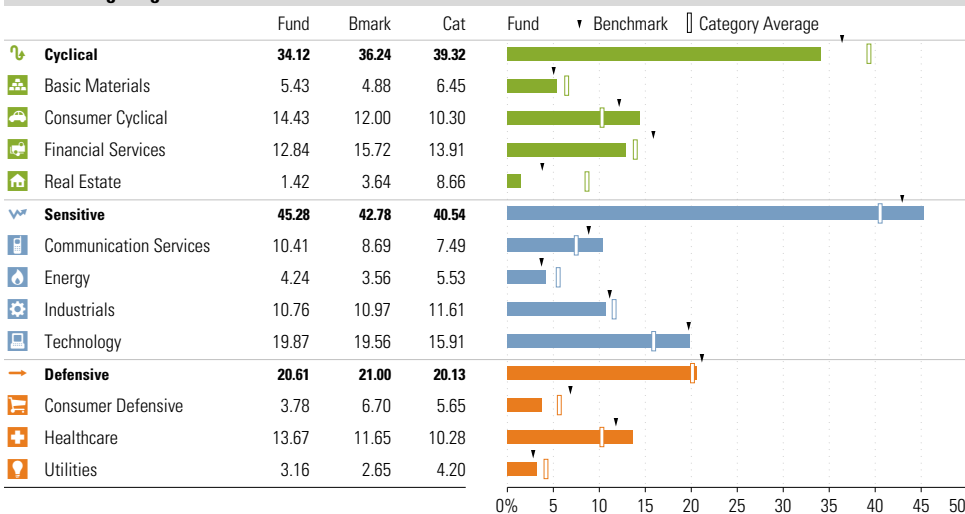


## Asset Allocation as of 09-30-2021



Asset Class	Net %	Cat%
US Stocks	45.74	31.10
Non-US Stocks	25.50	26.47
Bonds	22.61	27.23
Cash	0.14	7.59
Other	6.02	7.61
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2021



## Top 10 Holdings as of 09-30-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	-	2.40	2.40	27.51	Technology
Umbs 30Yr Tba(Reg A)	-	2.03	4.43	-	-
Alphabet Inc Class C	-	1.84	6.27	52.14	Communication Svc
Apple Inc	-	1.77	8.04	7.13	Technology
Amazon.com Inc	-	1.20	9.25	0.86	Consumer Cyclical
Johnson & Johnson	-	1.07	10.31	4.61	Healthcare
UnitedHealth Group Inc	-	1.04	11.35	12.61	Healthcare
China (People's Republic Of) 2.68%	05-2030	0.95	12.30	-	-
China (People's Republic Of) 3.27%	11-2030	0.92	13.22	-	-
Mastercard Inc Class A	-	0.89	14.12	-2.22	Financial Services

## Total Holdings 2385

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# BlackRock Inflation Protected Bond Instl BPRIX

**Morningstar Category**  
Inflation-Protected Bond

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 4.63 years.

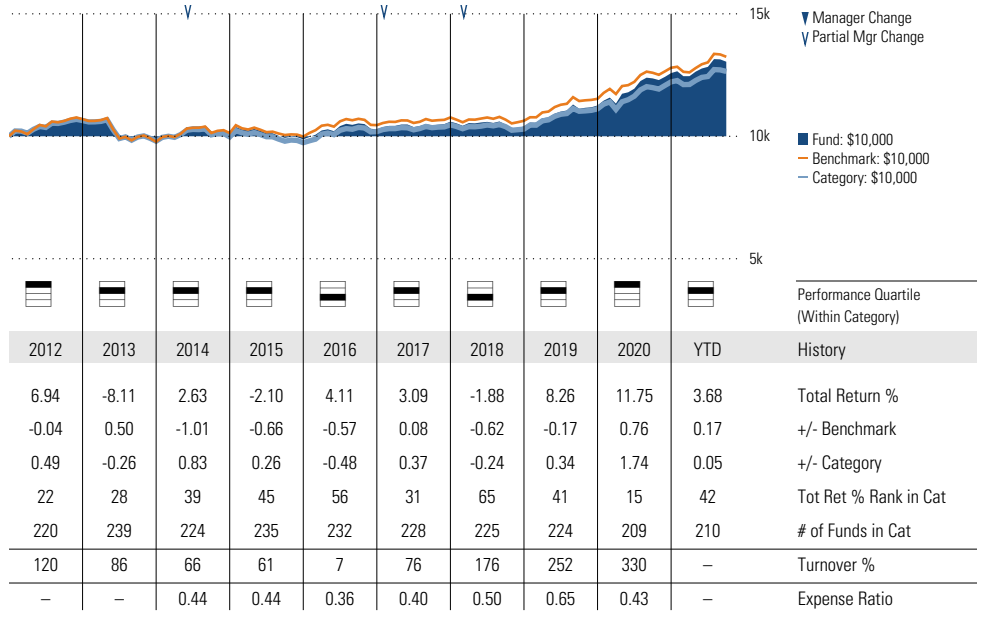
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.44 is 29.03% lower than the Inflation-Protected Bond category average.

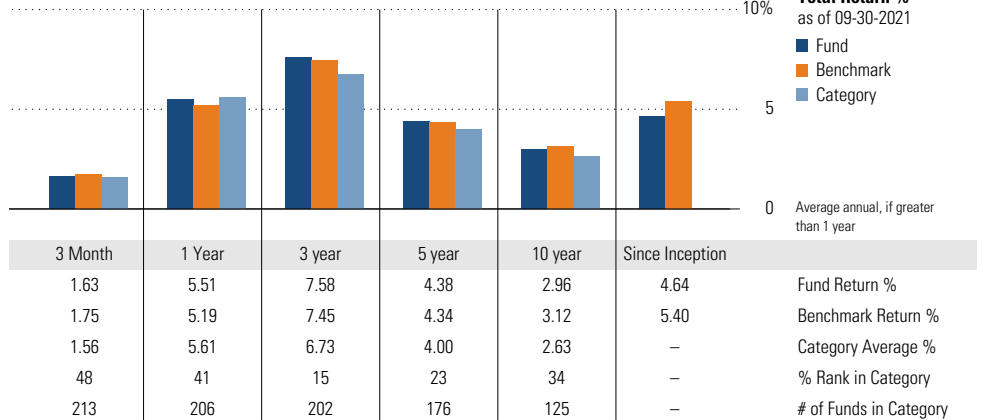
## Morningstar Investment Management LLC Analysis

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

## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.07	-	-0.20
Beta	1.03	-	0.91
R-Squared	96.86	-	77.98
Standard Deviation	4.25	4.07	4.36
Sharpe Ratio	1.49	1.53	1.33
Tracking Error	0.76	-	2.22
Information Ratio	0.17	-	-0.58
Up Capture Ratio	102.06	-	89.37
Down Capture Ratio	102.99	-	94.35

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	6.91	4.52	6.27
Avg Eff Maturity	8.72	-	7.15

# BlackRock Inflation Protected Bond Instl BPRIX

**Morningstar Category**  
Inflation-Protected Bond

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

## Style Analysis as of 09-30-2021

### Style Breakdown



## Asset Allocation as of 09-30-2021

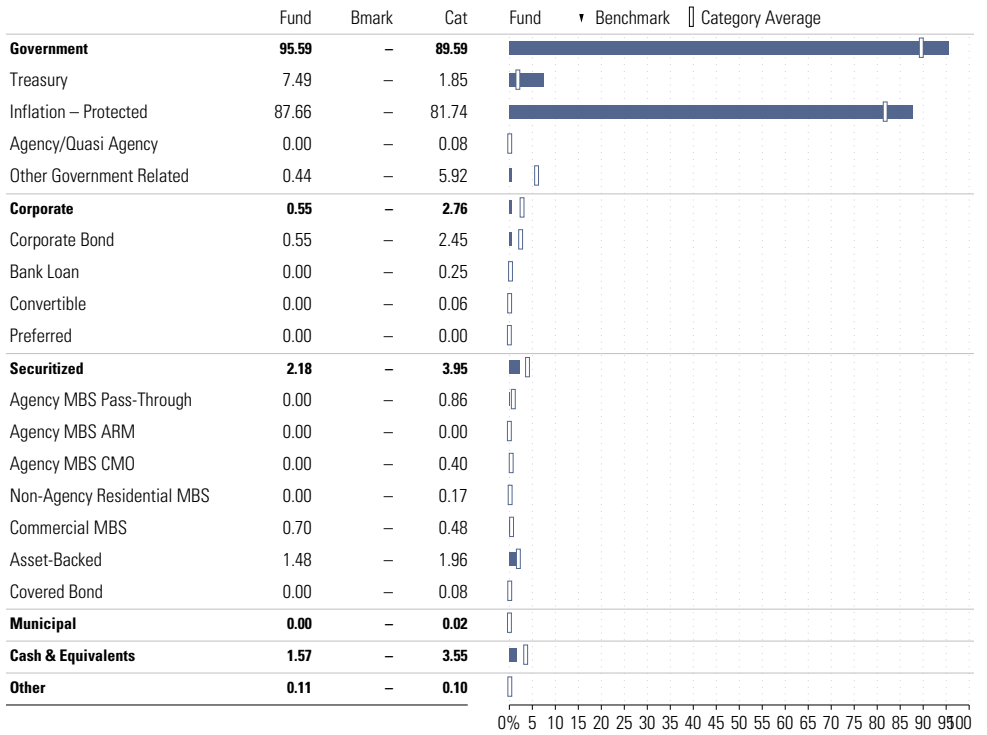


Asset Class	Net %	Cat%
US Stocks	0.06	0.03
Non-US Stocks	0.00	0.00
Bonds	110.96	98.41
Cash	-11.02	1.11
Other	0.00	0.45
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	92.52	0.00	96.46
AA	0.12	99.60	0.15
A	5.28	0.00	0.51
BBB	0.78	0.00	1.30
BB	0.15	0.00	0.37
B	0.00	0.00	0.05
Below B	0.00	0.00	0.01
Not Rated	1.15	0.40	1.15

## Sector Weighting as of 09-30-2021



## Top 10 Holdings as of 09-30-2021

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Notes 0.125%	01-2023	12.62	12.62	-
⊖ Rrp Treasury (Cpi) Note	-	12.18	24.80	-
⊕ United States Treasury Notes 0.375%	07-2023	3.71	28.51	-
⊕ United States Treasury Notes 0.625%	01-2024	3.60	32.10	-
⊕ United States Treasury Notes 0.375%	07-2025	3.36	35.47	-
⊕ United States Treasury Notes 0.125%	07-2024	3.32	38.79	-
⊕ United States Treasury Notes 0.25%	01-2025	3.30	42.08	-
⊕ United States Treasury Notes 0.625%	04-2023	3.23	45.31	-
⊕ United States Treasury Notes 0.5%	01-2028	3.01	48.33	-
⊕ United States Treasury Notes 0.625%	01-2026	2.97	51.30	-

## Total Holdings 211

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Carillon Eagle Small Cap Growth I HSIIX

Morningstar Category  
Small Growth

Morningstar Index  
Russell 2000 Growth TR USD

## Portfolio Manager(s)

Bert Boksen since 12-1995  
Eric Mintz since 03-2011  
Christopher Sassouni since 03-2015

## Quantitative Screens

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

**Management:** The fund's management has been in place for 25.77 years.

**Style:** The fund has landed in its primary style box — Small Growth — 75 % of the time over the past three years.

**Net Expense:** The fund's expense ratio of 0.78 is 35.54% lower than the Small Growth category average.

## Morningstar Investment Management LLC Analysis

We are putting Carillon Eagle Small Cap Growth on watch. The fund's returns for the trailing three-, five-, and ten-year periods through June 30, 2021, rank in its category's bottom quartile. The fund will remain on watch while we assess management's ability to earn more-competitive results.

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	08-31-2021

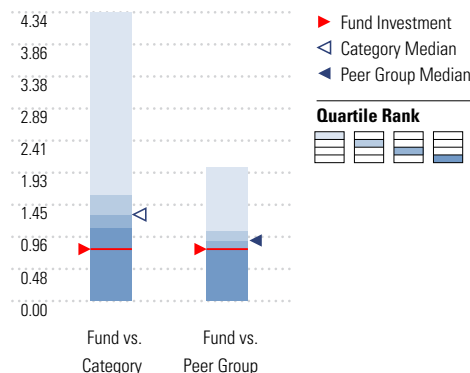
## Growth of \$10,000



## 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	-	4.26
Beta	0.98	-	0.94
R-Squared	96.04	-	91.55
Standard Deviation	25.58	25.66	25.23
Sharpe Ratio	0.52	0.52	0.66
Tracking Error	5.13	-	7.52
Information Ratio	0.02	-	0.51
Up Capture Ratio	100.91	-	100.02
Down Capture Ratio	100.88	-	88.35

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	32.78	23.33	32.72
Price/Book Ratio	5.76	5.12	5.42
Geom Avg Mkt Cap \$B	4.96	3.07	5.86
ROE	13.26	5.88	3.67

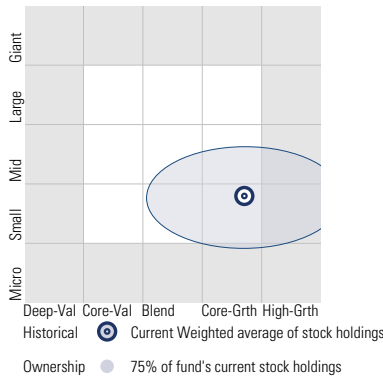
# Carillon Eagle Small Cap Growth I HSIIX

Morningstar Category  
Small Growth

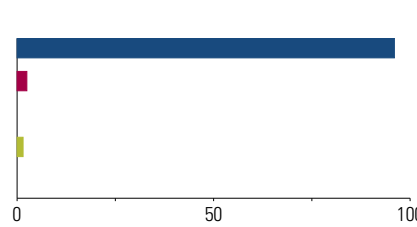
Morningstar Index  
Russell 2000 Growth TR USD

## Style Analysis as of 09-30-2021

Morningstar Style Box™



## Asset Allocation as of 09-30-2021



Asset Class	Net %	Cat%
US Stocks	96.00	93.01
Non-US Stocks	2.48	4.37
Bonds	0.00	0.00
Cash	1.52	1.73
Other	0.00	0.89
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2021

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>24.54</b>	<b>24.23</b>	<b>24.95</b>			
Basic Materials	4.57	3.10	2.45			
Consumer Cyclical	12.77	13.14	12.31			
Financial Services	5.67	5.13	7.72			
Real Estate	1.53	2.86	2.47			
<b>Sensitive</b>	<b>44.08</b>	<b>43.14</b>	<b>45.11</b>			
Communication Services	0.00	3.19	2.51			
Energy	1.80	2.06	1.30			
Industrials	18.03	15.13	15.61			
Technology	24.25	22.76	25.69			
<b>Defensive</b>	<b>31.38</b>	<b>32.63</b>	<b>29.94</b>			
Consumer Defensive	4.95	3.71	4.14			
Healthcare	26.43	28.64	24.98			
Utilities	0.00	0.28	0.82			

## Style Breakdown



## Top 15 Holdings as of 09-30-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Everi Holdings Inc	3.53	3.53	75.09	Consumer Cyclical
⊖ Chart Industries Inc	3.02	6.55	62.25	Industrials
⊖ Quaker Chemical Corp	2.93	9.48	-5.72	Basic Materials
⊖ Ritchie Bros Auctioneers Inc	2.48	11.96	-10.69	Industrials
⊖ Entegris Inc	2.36	14.32	31.26	Technology
⊖ Pegasystems Inc	2.34	16.66	-4.56	Technology
⊖ Everbridge Inc	2.20	18.86	1.32	Technology
⊖ Landstar System Inc	2.07	20.93	19.18	Industrials
⊖ Woodward Inc	2.04	22.97	-6.45	Industrials
⊕ LPL Financial Holdings Inc	1.98	24.95	51.13	Financial Services
⊖ Universal Electronics Inc	1.98	26.92	-6.12	Technology
Viper Energy Partners LP Common Units	1.77	28.69	94.23	Energy
⊖ Evolent Health Inc A	1.76	30.46	93.39	Healthcare
⊖ PJT Partners Inc A	1.68	32.14	5.33	Financial Services
⊖ Silicon Laboratories Inc	1.66	33.80	10.07	Technology

Total Holdings 98

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Delaware Small Cap Value Instl DEVIX

**Morningstar Category**  
Small Value

**Morningstar Index**  
Russell 2000 Value TR USD

## Portfolio Manager(s)

Christopher Beck since 05-1997  
Steven Catricks since 07-2012  
Kelley Carabasi since 07-2012  
Kent Madden since 07-2012  
Michael Foley since 07-2019

## Quantitative Screens

✔ **Performance:** The fund has finished in the Small 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 24.43 years.

✔ **Style:** The fund has landed in its primary style box — Small Value — 94.12 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.89 is 23.93% lower than the Small Value 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.

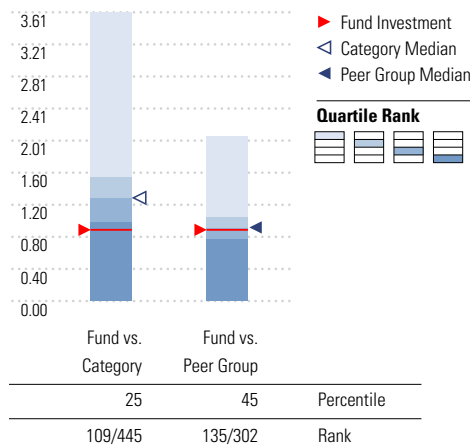
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2021

## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.72	-	-0.23
Beta	1.01	-	1.02
R-Squared	96.93	-	95.76
Standard Deviation	27.79	26.99	28.02
Sharpe Ratio	0.37	0.40	0.39
Tracking Error	4.89	-	6.13
Information Ratio	-0.17	-	-0.08
Up Capture Ratio	102.44	-	101.34
Down Capture Ratio	105.26	-	102.72

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	14.73	12.57	13.85
Price/Book Ratio	1.84	1.56	1.69
Geom Avg Mkt Cap \$B	4.56	2.18	3.95
ROE	15.13	5.79	12.41

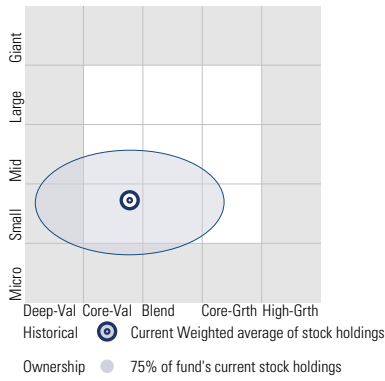
# Delaware Small Cap Value Instl DEVIX

**Morningstar Category**  
Small Value

**Morningstar Index**  
Russell 2000 Value TR USD

## Style Analysis as of 09-30-2021

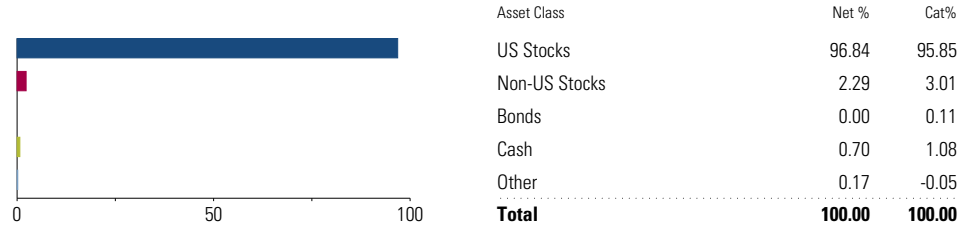
Morningstar Style Box™



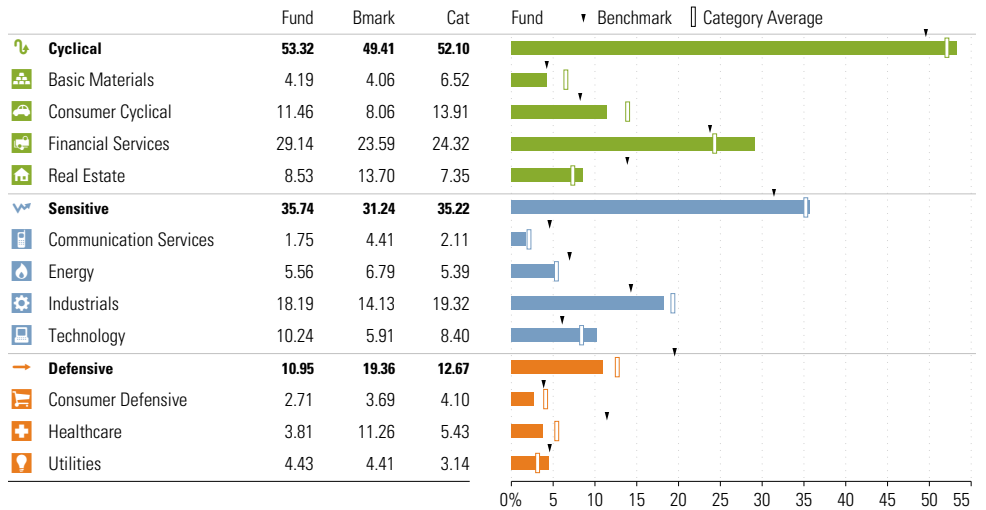
## Style Breakdown



## Asset Allocation as of 09-30-2021



## Sector Weighting as of 09-30-2021



## Top 15 Holdings as of 09-30-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
East West Bancorp Inc	3.32	3.32	54.86	Financial Services
Western Alliance Bancorp	2.63	5.95	82.94	Financial Services
Stifel Financial Corp	2.46	8.41	35.57	Financial Services
MasTec Inc	2.34	10.74	26.55	Industrials
Louisiana-Pacific Corp	2.19	12.93	66.45	Industrials
Hancock Whitney Corp	1.98	14.91	40.89	Financial Services
Webster Financial Corp	1.93	16.84	32.05	Financial Services
IIT Inc	1.75	18.59	12.31	Industrials
WESCO International Inc	1.67	20.26	46.90	Industrials
Devon Energy Corp	1.62	21.88	131.75	Energy
Umpqua Holdings Corp	1.58	23.46	37.91	Financial Services
Berry Global Group Inc	1.52	24.98	8.35	Consumer Cyclical
Zurn Water Solutions Corp	1.48	26.45	63.48	Utilities
F N B Corp	1.41	27.86	26.11	Financial Services
Atkore Inc	1.39	29.25	111.43	Industrials

**Total Holdings 116**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Eaton Vance Income Fund of Boston I EIBIX

**Morningstar Category**  
High Yield Bond

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

## Portfolio Manager(s)

Stephen Concannon since 11-2014  
Jeffrey Mueller since 06-2019  
Kelley Baccei Gerrity since 06-2019

## 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 6.91 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.75 is 20.21% lower than the High Yield Bond category average.

## Morningstar Investment Management LLC Analysis

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

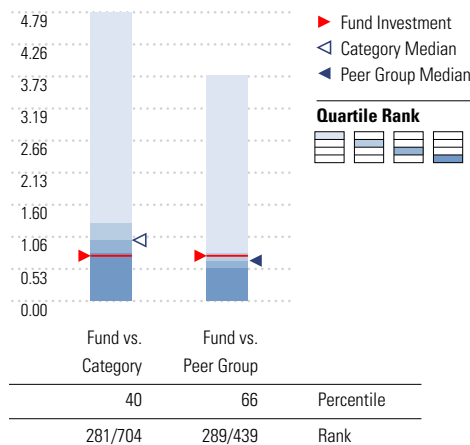
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.16	-	-0.57
Beta	0.91	-	0.97
R-Squared	99.04	-	95.72
Standard Deviation	8.62	9.47	9.37
Sharpe Ratio	0.62	0.61	0.55
Tracking Error	1.23	-	2.23
Information Ratio	-0.35	-	-0.40
Up Capture Ratio	90.93	-	93.13
Down Capture Ratio	88.70	-	98.22

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	3.33	-	3.24
Avg Eff Maturity	4.53	-	4.73

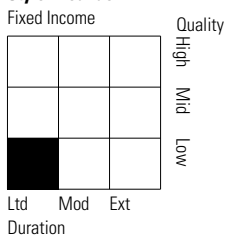
# Eaton Vance Income Fund of Boston I EIBIX

**Morningstar Category**  
High Yield Bond

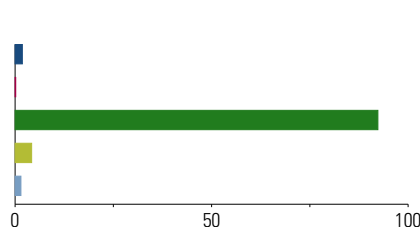
**Morningstar Index**  
ICE BofA US High Yield TR USD

## Style Analysis as of 09-30-2021

### Style Breakdown



## Asset Allocation as of 09-30-2021



Asset Class	Net %	Cat%
US Stocks	1.84	1.10
Non-US Stocks	0.16	0.02
Bonds	92.31	93.49
Cash	4.21	2.98
Other	1.48	2.41
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	0.00	-	1.85
AA	0.00	-	0.05
A	0.00	-	0.19
BBB	0.75	-	3.56
BB	44.51	-	34.28
B	37.01	-	35.22
Below B	13.30	-	21.43
Not Rated	4.42	-	3.42

## Sector Weighting as of 09-30-2021

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Government</b>	<b>0.00</b>	-	<b>1.58</b>			
Treasury	0.00	-	0.56			
Inflation – Protected	0.00	-	0.00			
Agency/Quasi Agency	0.00	-	0.14			
Other Government Related	0.00	-	0.88			
<b>Corporate</b>	<b>95.69</b>	-	<b>89.64</b>			
Corporate Bond	86.53	-	83.08			
Bank Loan	8.02	-	4.85			
Convertible	0.52	-	1.55			
Preferred	0.62	-	0.16			
<b>Securitized</b>	<b>0.00</b>	-	<b>1.54</b>			
Agency MBS Pass-Through	0.00	-	0.09			
Agency MBS ARM	0.00	-	0.00			
Agency MBS CMO	0.00	-	0.09			
Non-Agency Residential MBS	0.00	-	0.14			
Commercial MBS	0.00	-	0.52			
Asset-Backed	0.00	-	0.70			
Covered Bond	0.00	-	0.00			
<b>Municipal</b>	<b>0.00</b>	-	<b>0.03</b>			
<b>Cash &amp; Equivalents</b>	<b>4.30</b>	-	<b>4.37</b>			
<b>Other</b>	<b>0.00</b>	-	<b>2.85</b>			

## Top 10 Holdings as of 09-30-2021

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Ev Cash Reserves Fund Llc	-	4.21	4.21	-
Ford Motor Credit Company LLC 4.125%	08-2027	0.59	4.80	-
CCO Holdings, LLC/ CCO Holdings Capital Corp. 4.5%	08-2030	0.56	5.36	-
Kraft Heinz Foods Company 4.375%	06-2046	0.55	5.90	-
Jazz Financing Lux S.A.R.L.	05-2028	0.53	6.43	-
Vivion Investments S.a.r.l 3%	08-2024	0.51	6.94	-
SRM Escrow Issuer Llc 6%	11-2028	0.50	7.44	-
Neptune Energy Bondco Plc 6.625%	05-2025	0.50	7.94	-
Rolls-Royce plc 5.75%	10-2027	0.50	8.43	-
Centene Corporation 3.375%	02-2030	0.48	8.91	-

### Total Holdings 531

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Federated Hermes Govt Ultrashort IS FGUSX

**Morningstar Category**  
Ultrashort Bond

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

## Portfolio Manager(s)

Susan Hill since 07-1997  
Liam O'Connell since 11-2010

## Quantitative Screens

✗ **Performance:** The fund has finished in the Ultrashort Bond category's top three quartiles in 5 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 24.24 years.

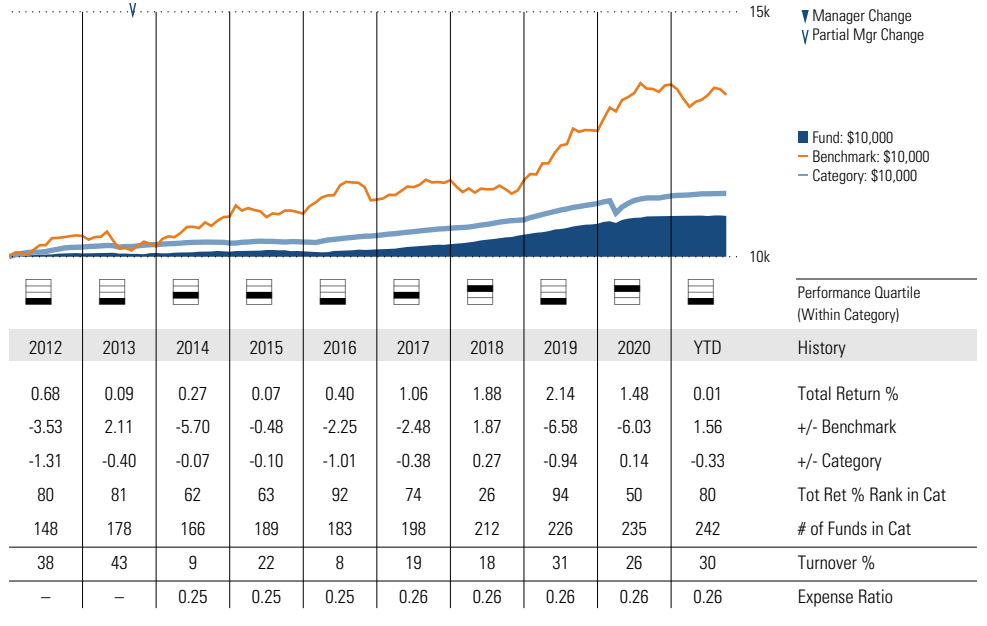
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.26 is 40.91% lower than the Ultrashort Bond category average.

## Morningstar Investment Management LLC Analysis

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

## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.99	-	0.86
Beta	0.07	-	0.16
R-Squared	24.90	-	13.56
Standard Deviation	0.53	3.54	1.80
Sharpe Ratio	0.68	1.23	0.39
Tracking Error	3.31	-	3.61
Information Ratio	-1.20	-	-1.05
Up Capture Ratio	15.13	-	25.04
Down Capture Ratio	-7.03	-	12.30

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	0.40	4.43	0.82
Avg Eff Maturity	3.08	-	3.03

# Federated Hermes Govt Ultrashort IS FGUSX

**Morningstar Category**  
Ultrashort Bond

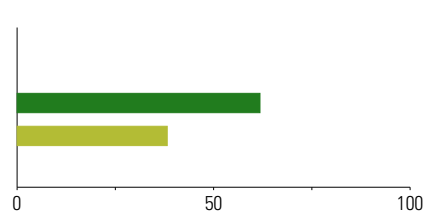
**Morningstar Index**  
BBgBarc US Agg Bond TR USD

**Style Analysis** as of 09-30-2021

**Style Breakdown**



**Asset Allocation** as of 09-30-2021



Asset Class	Net %	Cat%
US Stocks	0.00	0.08
Non-US Stocks	0.00	0.00
Bonds	61.80	75.39
Cash	38.20	20.66
Other	0.00	3.85
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Credit Rating Breakdown**

	Fund	Bmark	Cat
AAA	100.00	3.53	35.21
AA	0.00	74.59	4.53
A	0.00	10.82	16.83
BBB	0.00	8.32	24.77
BB	0.00	0.28	2.75
B	0.00	0.00	1.92
Below B	0.00	0.00	0.49
Not Rated	0.00	2.46	13.49

**Sector Weighting** as of 09-30-2021



**Top 10 Holdings** as of 09-30-2021

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Bmo Repo New 17 Bmo Repo News 17	10-2021	18.07	18.07	-
⊕ Bofam Repo 1 Repo	10-2021	17.33	35.40	-
Federal Home Loan Banks 0.4%	06-2024	4.50	39.90	-
⊖ Federal National Mortgage Association 0.586%	08-2059	2.85	42.76	-
⊖ Federal Home Loan Mortgage Corporation 0.536%	09-2049	2.40	45.16	-
⊖ Federal Home Loan Mortgage Corporation 0.4325%	08-2030	2.21	47.37	-
⊖ Federal National Mortgage Association 0.536%	06-2050	2.19	49.56	-
⊖ Federal Home Loan Mortgage Corporation 0.536%	01-2050	1.98	51.54	-
⊖ Government National Mortgage Association 2.26188%	03-2067	1.88	53.42	-
⊖ Government National Mortgage Association 0.82%	02-2065	1.84	55.26	-

**Total Holdings 218**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Fidelity® Contrafund® FCNTX

**Morningstar Category**  
Large Growth

**Morningstar Index**  
Russell 1000 Growth TR USD

## Portfolio Manager(s)

William Danoff since 09-1990

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 31.06 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.86 is 12.24% lower than the Large Growth category average.

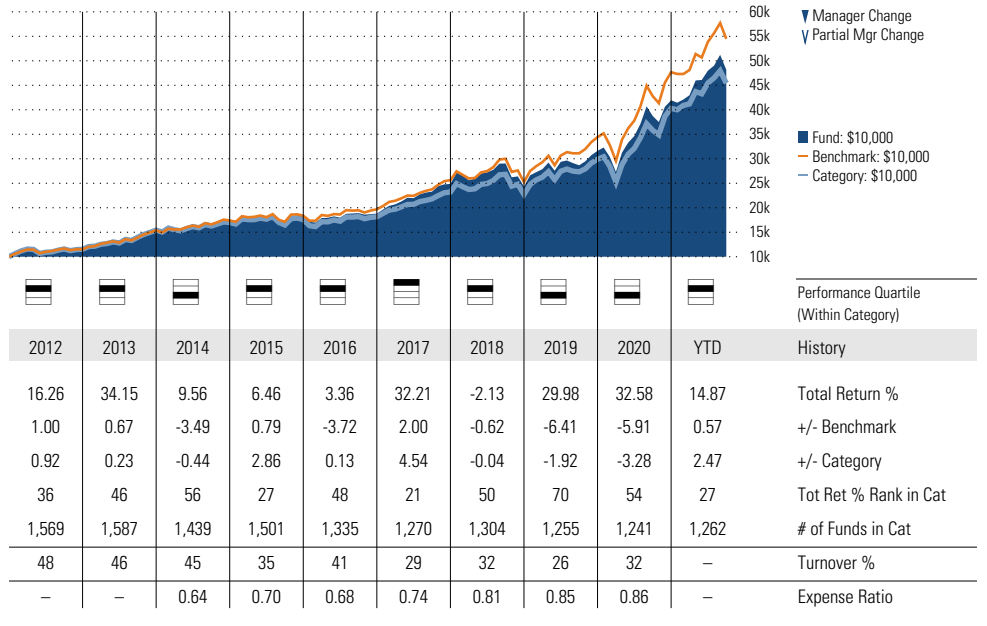
## Morningstar Investment Management LLC Analysis

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.

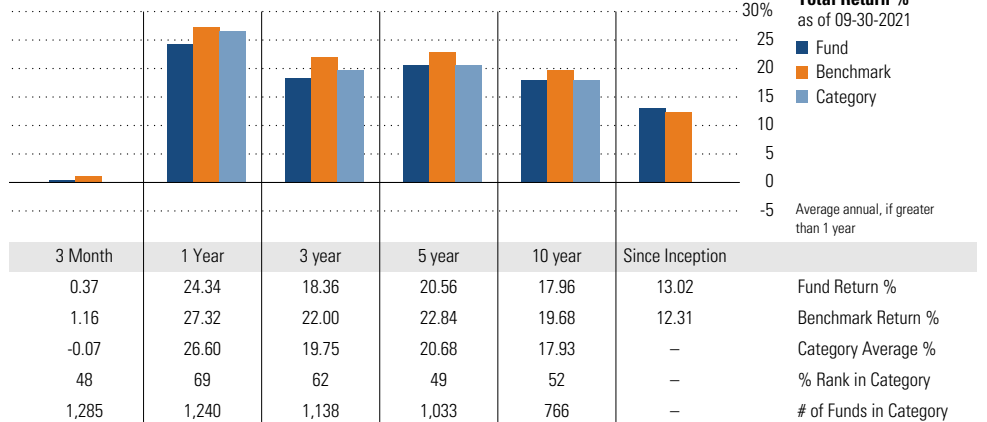
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	10-08-2021
Sustainability Rating	3	08-31-2021
Carbon Risk Score	Low Risk	06-30-2021

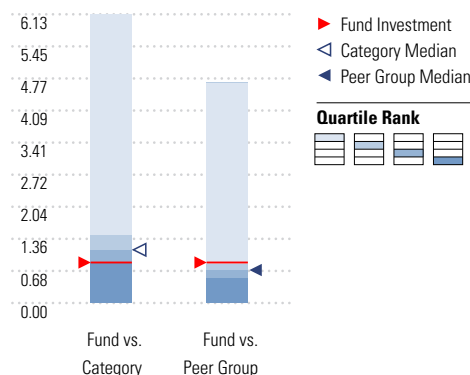
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-2.26	-	-1.13
Beta	0.96	-	0.98
R-Squared	97.83	-	93.33
Standard Deviation	19.54	20.19	20.50
Sharpe Ratio	0.91	1.04	0.94
Tracking Error	3.00	-	5.22
Information Ratio	-1.21	-	-0.54
Up Capture Ratio	89.94	-	93.50
Down Capture Ratio	95.68	-	95.82

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	22.29	33.17	31.28
Price/Book Ratio	5.28	12.31	8.55
Geom Avg Mkt Cap \$B	314.18	291.31	335.34
ROE	31.98	39.60	33.50

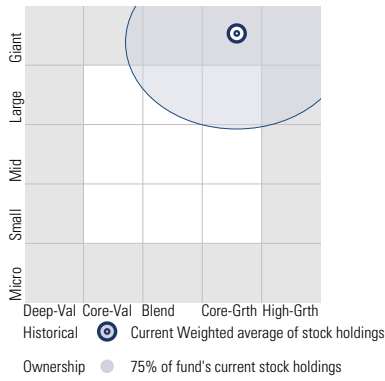
# Fidelity® Contrafund® FCNTX

**Morningstar Category**  
Large Growth

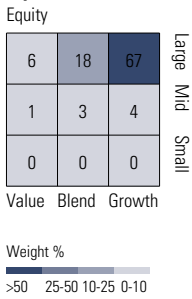
**Morningstar Index**  
Russell 1000 Growth TR USD

## Style Analysis as of 09-30-2021

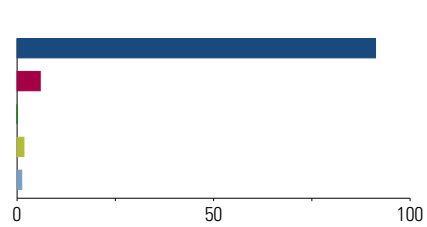
Morningstar Style Box™



## Style Breakdown

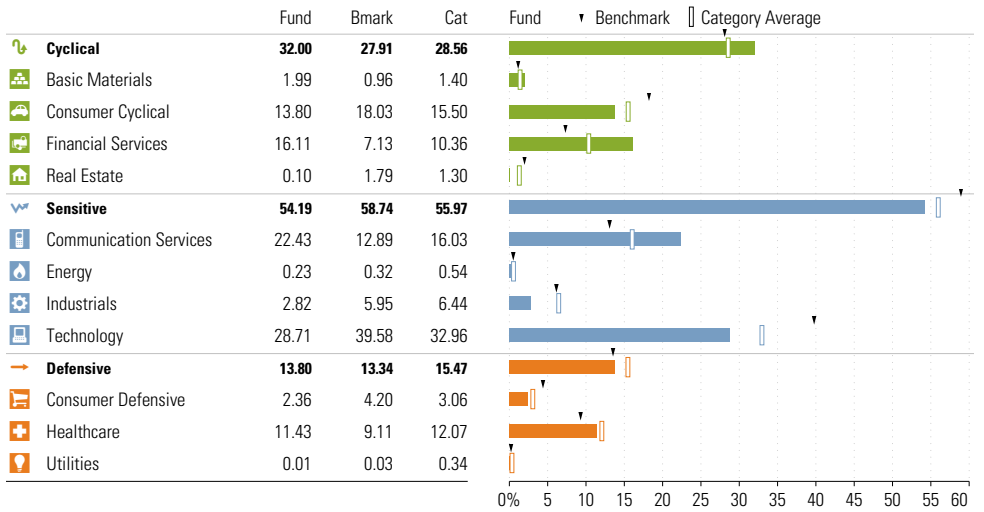


## Asset Allocation as of 09-30-2021



Asset Class	Net %	Cat%
US Stocks	91.20	92.48
Non-US Stocks	5.88	5.54
Bonds	0.01	0.00
Cash	1.74	1.21
Other	1.18	0.77
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2021



## Top 15 Holdings as of 09-30-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Meta Platforms Inc Class A	10.19	10.19	24.25	Communication Svc
Amazon.com Inc	8.13	18.32	0.86	Consumer Cyclical
Microsoft Corp	5.70	24.01	27.51	Technology
Berkshire Hathaway Inc Class A	5.59	29.60	18.28	Financial Services
Apple Inc	3.26	32.86	7.13	Technology
Alphabet Inc Class A	3.22	36.08	52.54	Communication Svc
Alphabet Inc Class C	2.97	39.05	52.14	Communication Svc
UnitedHealth Group Inc	2.92	41.97	12.61	Healthcare
Salesforce.com Inc	2.83	44.80	21.88	Technology
NVIDIA Corp	2.44	47.24	58.77	Technology
Adobe Inc	2.30	49.54	15.12	Technology
Netflix Inc	2.30	51.84	12.87	Communication Svc
Fidelity Revere Str Tr	1.83	53.67	-	-
Visa Inc Class A	1.76	55.43	2.28	Financial Services
PayPal Holdings Inc	1.21	56.64	11.11	Financial Services

**Total Holdings 383**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Invesco Oppenheimer International Gr Y OIGYX

**Morningstar Category**  
Foreign Large Growth

**Morningstar Index**  
MSCI EAFE NR USD

## Portfolio Manager(s)

George Evans since 03-1996

Robert Dunphy since 03-2012

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 25.53 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 0.88 is 17.76% lower than the Foreign Large Growth category average.

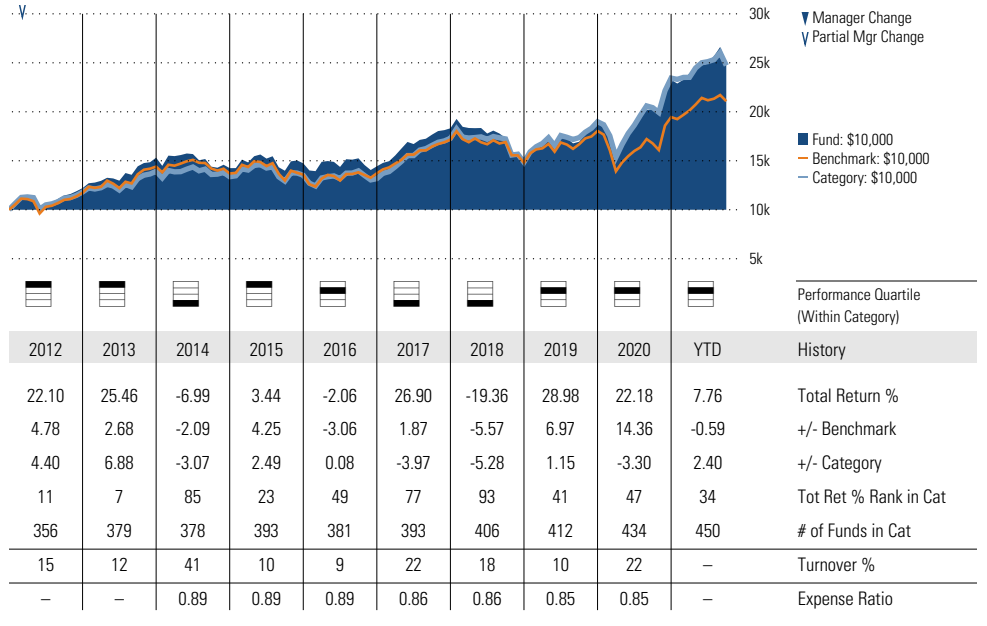
## Morningstar Investment Management LLC Analysis

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

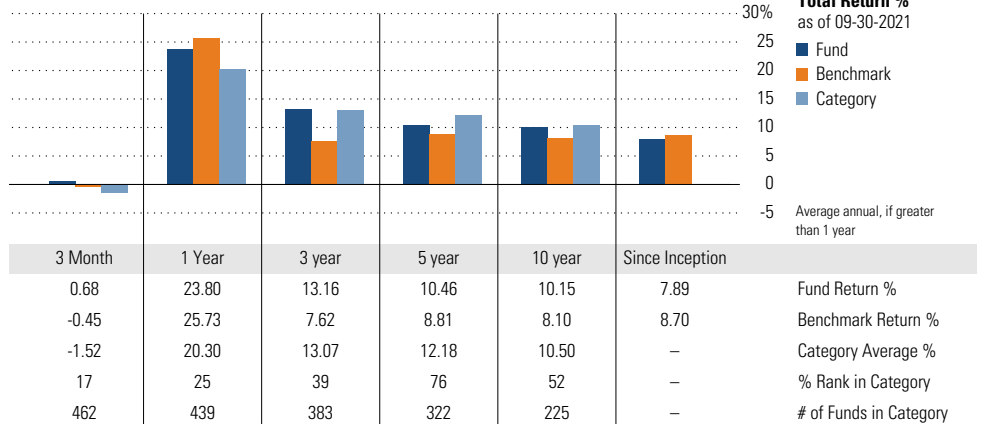
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	08-31-2021
Carbon Risk Score	Low Risk	06-30-2021

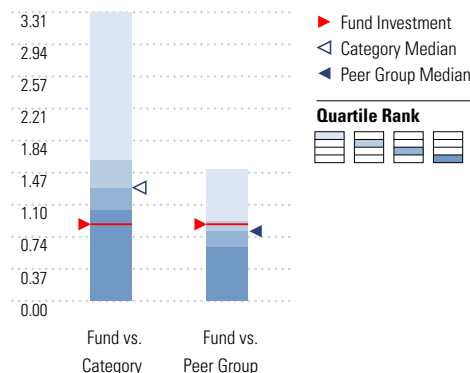
## Growth of \$10,000



## 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	5.30	-	5.55
Beta	0.99	-	0.92
R-Squared	89.82	-	-
Standard Deviation	18.55	17.78	17.92
Sharpe Ratio	0.70	0.44	0.70
Tracking Error	5.92	-	7.32
Information Ratio	0.93	-	0.72
Up Capture Ratio	117.35	-	108.47
Down Capture Ratio	98.18	-	87.71

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	35.68	15.42	25.28
Price/Book Ratio	5.18	1.82	3.77
Geom Avg Mkt Cap \$B	35.86	46.48	58.18
ROE	20.59	16.57	19.79

# Invesco Oppenheimer International Gr Y OIGYX

**Morningstar Category**  
Foreign Large Growth

**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 09-30-2021

Morningstar Style Box™



## Style Breakdown

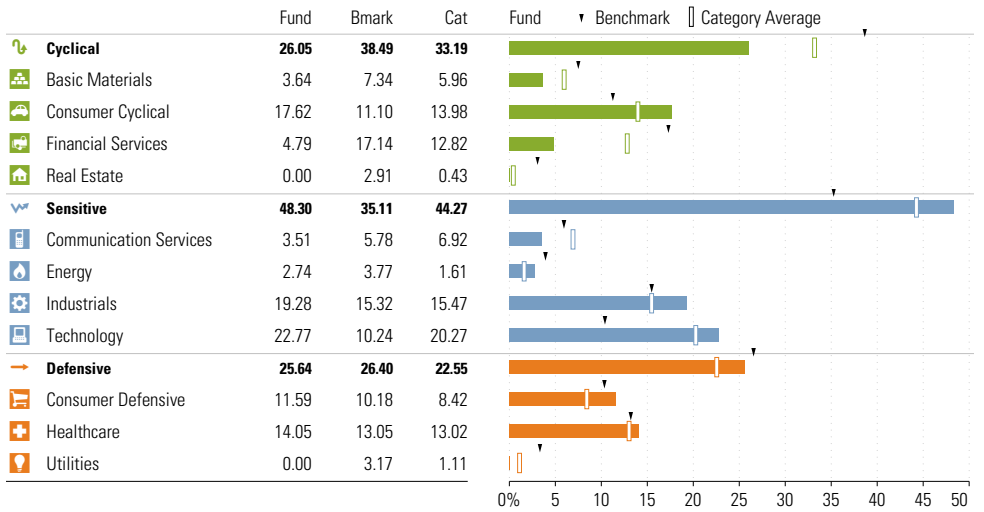


## Asset Allocation as of 09-30-2021



Asset Class	Net %	Cat%
US Stocks	9.90	7.58
Non-US Stocks	89.34	89.96
Bonds	0.00	0.02
Cash	0.75	1.99
Other	0.00	0.45
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2021



## World Regions % Equity 09-30-2021



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	18.98	30.68	Americas	14.65	14.43	Greater Europe	66.38	54.90	Developed Markets	95.70
Japan	9.44	11.53	North America	14.65	11.98	United Kingdom	19.64	9.73	Emerging Markets	4.30
Australasia	2.40	1.51	Central/Latin	0.00	2.45	W euro-ex UK	46.74	43.75	Not Available	0.00
Asia-4 Tigers	2.84	7.67				Emrgng Europe	0.00	0.49		
Asia-ex 4 Tigers	4.30	9.97				Africa	0.00	0.93		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 09-30-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
ASML Holding NV	3.08	3.08	62.80	Technology
Hermes International SA	2.81	5.89	36.55	Consumer Cyclical
Reliance Industries Ltd	2.63	8.52	27.21	Energy
EPAM Systems Inc	2.35	10.88	59.20	Technology
Flutter Entertainment PLC	2.31	13.19	2.52	Consumer Cyclical
Novo Nordisk A/S Class B	2.27	15.46	47.25	Healthcare
Entain PLC	2.19	17.65	87.91	Consumer Cyclical
LVMH Moet Hennessy Louis Vuitton SE	2.13	19.77	22.16	Consumer Cyclical
ResMed Inc	2.08	21.85	24.55	Healthcare
Next PLC	2.05	23.91	17.44	Consumer Cyclical

**Total Holdings 96**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Neuberger Berman Mid Cap Growth Inst NBMLX

**Morningstar Category**  
Mid-Cap Growth

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

## Portfolio Manager(s)

Kenneth Turek since 01-2003  
Trevor Moreno since 01-2020  
Chad Bruso since 01-2020

## Quantitative Screens

✔ **Performance:** The fund has finished in the Mid-Cap 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 18.68 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 35.19% lower than the Mid-Cap Growth category average.

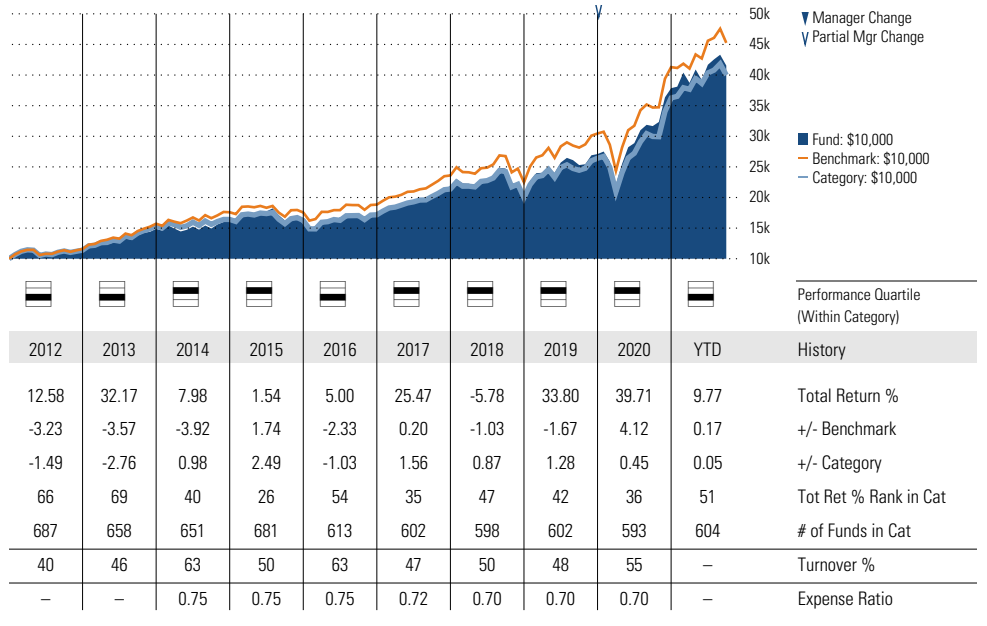
## Morningstar Investment Management LLC Analysis

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.

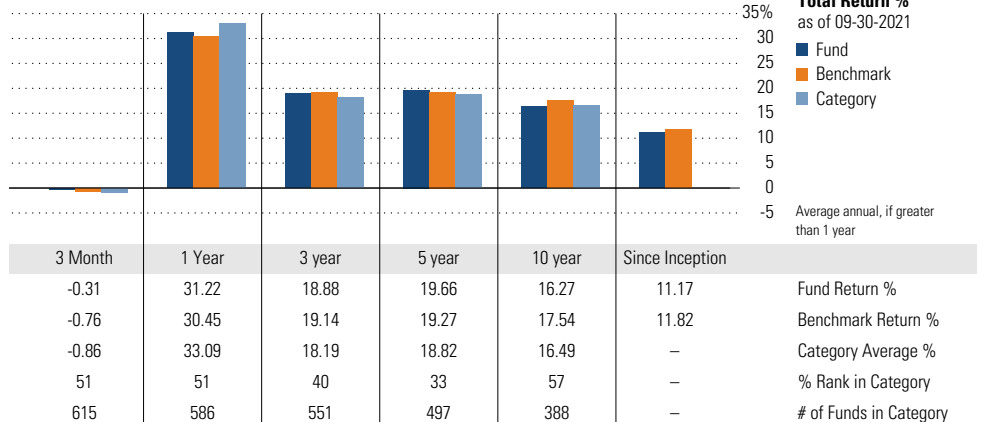
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	08-31-2021
Carbon Risk Score	Low Risk	06-30-2021

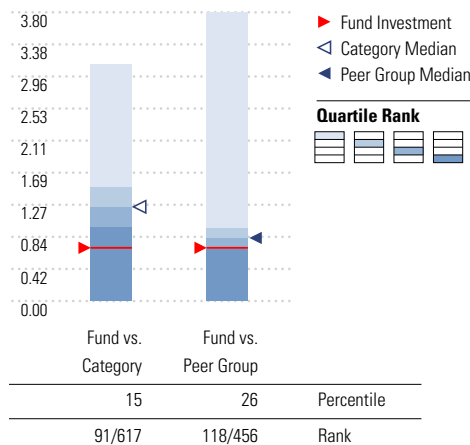
## Growth of \$10,000



## 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	0.05	-	-0.05
Beta	0.99	-	0.99
R-Squared	95.88	-	91.63
Standard Deviation	22.27	22.05	23.04
Sharpe Ratio	0.84	0.86	0.82
Tracking Error	4.53	-	6.61
Information Ratio	-0.06	-	-0.16
Up Capture Ratio	102.02	-	99.60
Down Capture Ratio	104.57	-	101.34

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	28.37	32.67	34.64
Price/Book Ratio	6.54	9.61	6.28
Geom Avg Mkt Cap \$B	22.49	23.28	18.91
ROE	14.46	15.79	16.95

# Neuberger Berman Mid Cap Growth Inst NBMLX

Morningstar Category

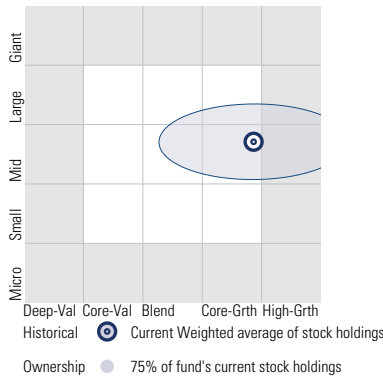
Mid-Cap Growth

Morningstar Index

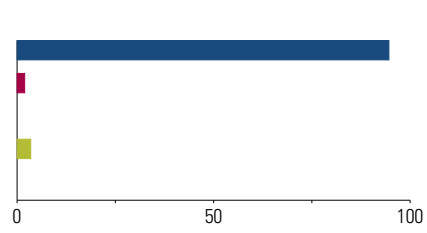
Russell Mid Cap Growth TR USD

## Style Analysis as of 09-30-2021

Morningstar Style Box™



## Asset Allocation as of 09-30-2021



Asset Class	Net %	Cat%
US Stocks	94.60	93.12
Non-US Stocks	1.93	3.90
Bonds	0.00	0.07
Cash	3.47	2.61
Other	0.00	0.30
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Style Breakdown



## Sector Weighting as of 09-30-2021

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>23.88</b>	<b>25.48</b>	<b>27.83</b>			
Basic Materials	1.83	1.69	2.04			
Consumer Cyclical	14.04	16.15	14.20			
Financial Services	6.58	5.09	8.46			
Real Estate	1.43	2.55	3.13			
<b>Sensitive</b>	<b>55.81</b>	<b>55.14</b>	<b>48.82</b>			
Communication Services	5.02	5.42	5.27			
Energy	0.55	1.55	0.89			
Industrials	13.95	14.20	13.20			
Technology	36.29	33.97	29.46			
<b>Defensive</b>	<b>20.31</b>	<b>19.39</b>	<b>23.36</b>			
Consumer Defensive	3.23	2.00	2.57			
Healthcare	17.08	17.23	20.27			
Utilities	0.00	0.16	0.52			

## Top 15 Holdings as of 09-30-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Ssc Government Mm Gvmxx	3.47	3.47	—	—
SVB Financial Group	2.16	5.62	66.79	Financial Services
DocuSign Inc	1.84	7.47	15.80	Technology
Generac Holdings Inc	1.82	9.28	79.71	Industrials
Signature Bank	1.81	11.10	102.50	Financial Services
United Rentals Inc	1.78	12.87	51.32	Industrials
⊖ Avantor Inc	1.77	14.64	45.29	Basic Materials
Horizon Therapeutics PLC	1.77	16.41	49.75	Healthcare
Cintas Corp	1.74	18.14	8.39	Industrials
Manhattan Associates Inc	1.70	19.84	45.49	Technology
⊖ HubSpot Inc	1.67	21.51	70.54	Technology
⊖ Monolithic Power Systems Inc	1.62	23.13	32.83	Technology
⊖ Entegris Inc	1.55	24.68	31.26	Technology
⊖ EPAM Systems Inc	1.55	26.23	59.20	Technology
⊖ MongoDB Inc Class A	1.51	27.75	31.33	Technology

**Total Holdings 86**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# PIMCO Commodity Real Return Strat I2 PCRPX

**Morningstar Category**  
Commodities Broad Basket

**Morningstar Index**  
Bloomberg Commodity TR USD

## Portfolio Manager(s)

Nicholas Johnson since 01-2015  
Greg Sharenow since 11-2018  
Stephen Rodosky since 01-2019

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 6.75 years.

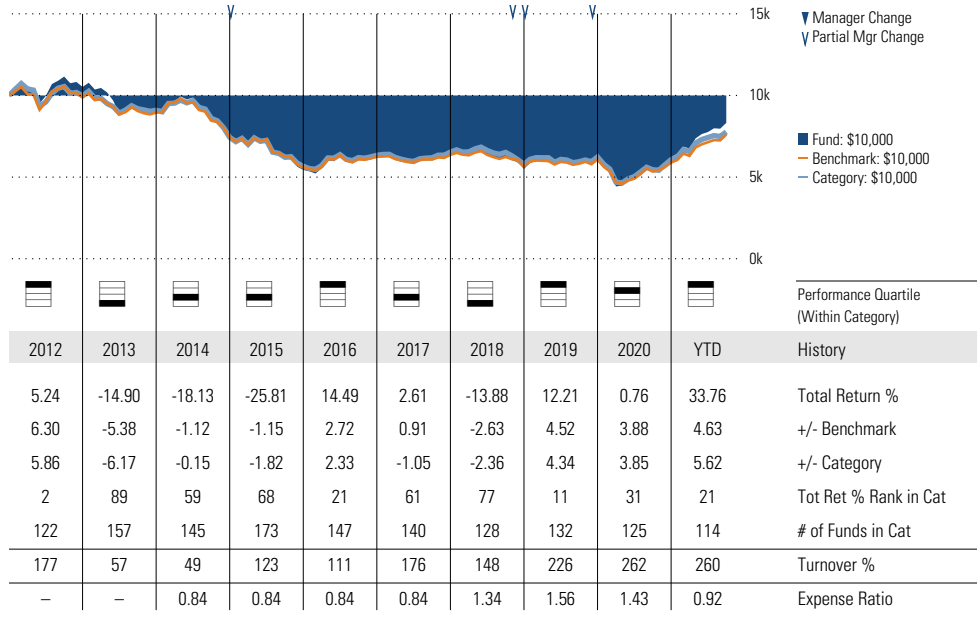
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.92 is 12.38% lower than the Commodities Broad Basket category average.

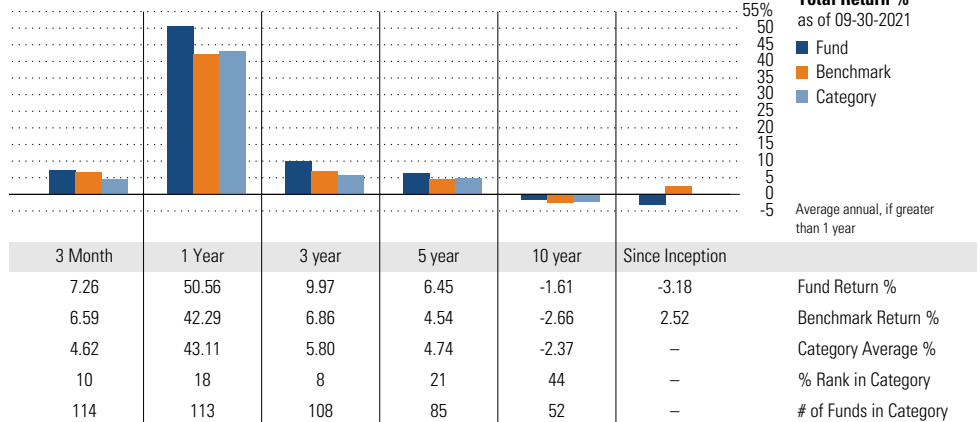
## Morningstar Investment Management LLC Analysis

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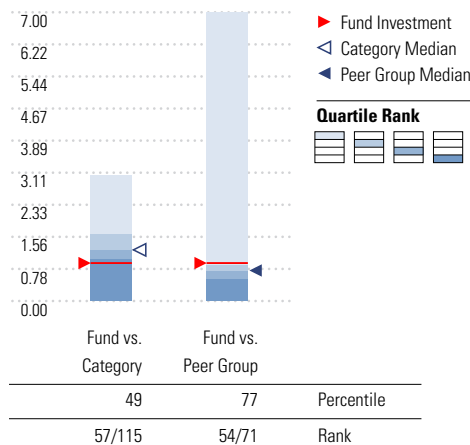
## Growth of \$10,000



## 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	1.94	-	-0.73
Beta	1.20	-	1.08
R-Squared	96.34	-	82.98
Standard Deviation	18.79	15.38	18.56
Sharpe Ratio	0.54	0.44	0.39
Tracking Error	4.73	-	8.01
Information Ratio	0.66	-	0.03
Up Capture Ratio	120.83	-	107.20
Down Capture Ratio	111.67	-	113.52

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	12.32	-	-
Price/Book Ratio	1.51	-	1.86
Geom Avg Mkt Cap \$B	20.09	-	33.72
ROE	16.78	-	5.50

# PIMCO Commodity Real Return Strat I2 PCRPX

**Morningstar Category**  
Commodities Broad Basket

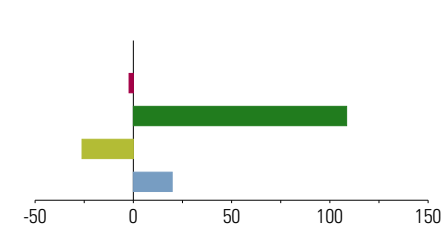
**Morningstar Index**  
Bloomberg Commodity TR USD

## Style Analysis as of 09-30-2021

Morningstar Style Box™

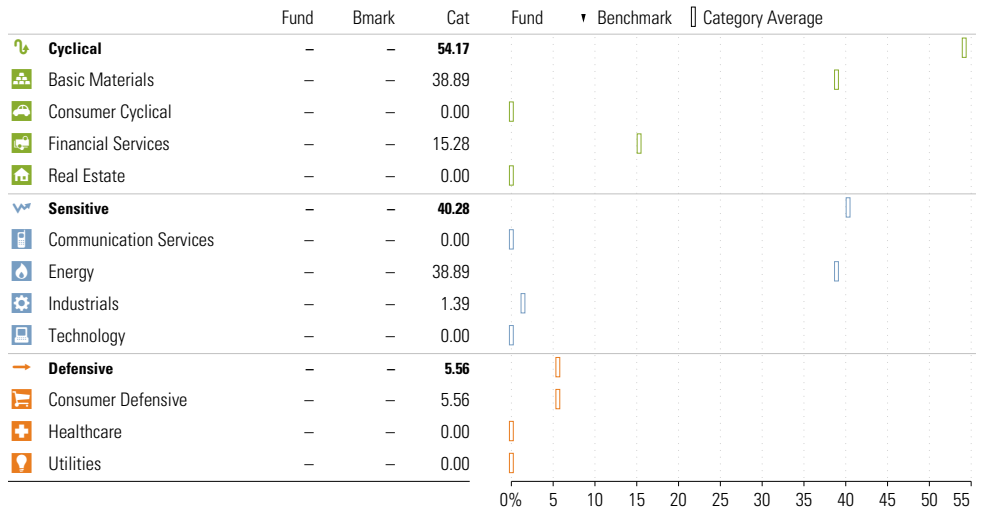


## Asset Allocation as of 09-30-2021

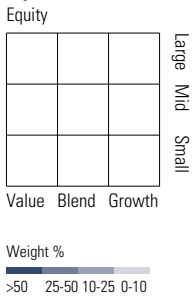


Asset Class	Net %	Cat%
US Stocks	0.00	2.16
Non-US Stocks	-2.18	0.58
Bonds	108.53	31.88
Cash	-26.12	52.45
Other	19.76	12.92
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2021



## Style Breakdown



## Top 15 Holdings as of 09-30-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ 2 Year Treasury Note Future Sept 21	22.45	22.45	-	-
⊖ Euro Schatz Future Sept 21	19.83	42.27	-	-
⊕ Pimco Cayman Cmnty Fd Ltd Instl	18.26	60.53	-	-
⊕ 5 Year Treasury Note Future Sept 21	15.43	75.96	-	-
⊖ EUROPEAN MONETARY UNION EURO Purchased	9.03	84.99	-	-
⊖ EUROPEAN MONETARY UNION EURO Sold	9.03	94.03	-	-
⊕ United States Treasury Notes 0.125%	8.91	102.93	-	-
⊕ United States Treasury Notes 0.125%	8.67	111.60	-	-
⊕ United States Treasury Notes 0.625%	7.51	119.11	-	-
⊕ United States Treasury Notes 0.125%	6.89	126.00	-	-
✱ Offset: Unsettled Trades	6.65	132.66	-	-
⊕ Federal National Mortgage Association 4%	5.36	138.02	-	-
⊖ 10 Year Treasury Note Future Sept 21	5.15	143.16	-	-
⊕ United States Treasury Notes 0.5%	4.61	147.77	-	-
⊕ United States Treasury Notes 0.125%	3.97	151.74	-	-

## Total Holdings 747

⊕ 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 14.52 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.72 is 28% lower than the Multisector Bond category average.

## Morningstar Investment Management LLC Analysis

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

## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.26	-	-1.42
Beta	0.79	-	1.24
R-Squared	24.18	-	34.95
Standard Deviation	5.75	3.59	7.92
Sharpe Ratio	0.79	1.27	0.62
Tracking Error	5.06	-	6.61
Information Ratio	0.00	-	-0.05
Up Capture Ratio	87.85	-	108.28
Down Capture Ratio	65.25	-	140.10

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	1.87	4.55	3.58
Avg Eff Maturity	3.05	7.69	5.99

# PIMCO Income I2 PONPX

**Morningstar Category**  
Multisector Bond

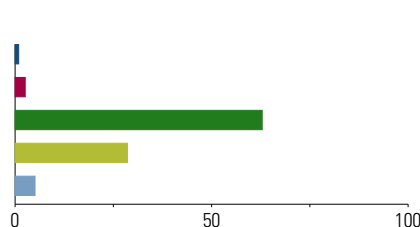
**Morningstar Index**  
BBgBarc US Universal TR USD

## Style Analysis as of 09-30-2021

### Style Breakdown



## Asset Allocation as of 09-30-2021



Asset Class	Net %	Cat%
US Stocks	0.91	2.02
Non-US Stocks	2.57	0.12
Bonds	62.87	94.04
Cash	28.58	-0.04
Other	5.07	3.88
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	56.00	67.64	15.89
AA	7.00	3.23	3.70
A	4.00	10.03	6.82
BBB	14.00	10.89	24.40
BB	6.00	3.19	22.51
B	7.00	3.64	13.98
Below B	6.00	1.38	4.87
Not Rated	0.00	0.00	7.83

## Sector Weighting as of 09-30-2021



## Top 10 Holdings as of 09-30-2021

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
Irs Eur -0.33000 03/18/20-2Y Lch Receive	03-2022	14.04	14.04	-
Irs Eur -0.33000 03/18/20-2Y Lch Pay	03-2022	14.02	28.06	-
⊖ 10 Year Treasury Note Future Sept 21	09-2021	12.31	40.37	-
⊕ IRS USD 0.30000 12/19/20-3Y* CME Pay	06-2024	10.39	50.76	-
⊕ IRS USD 0.30000 12/19/20-3Y* CME Receive	06-2024	10.31	61.07	-
⊕ ZCS BRL 4.9 05/13/21-01/03/22 CME Pay	01-2022	9.37	70.44	-
⊕ ZCS BRL 4.9 05/13/21-01/03/22 CME Receive	01-2022	9.35	79.79	-
✱ Cash Offset	-	9.05	88.84	-
✱ Offset: Unsettled Trades	-	7.49	96.33	-
IRS USD 0.50000 06/16/21-5Y CME Pay	06-2026	7.35	103.68	-

### Total Holdings 7847

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# T. Rowe Price Dividend Growth PRDGX

**Morningstar Category**  
Large Blend

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

## Portfolio Manager(s)

Thomas Huber since 03-2000

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 21.52 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 0.63 is 24.1% lower than the Large Blend category average.

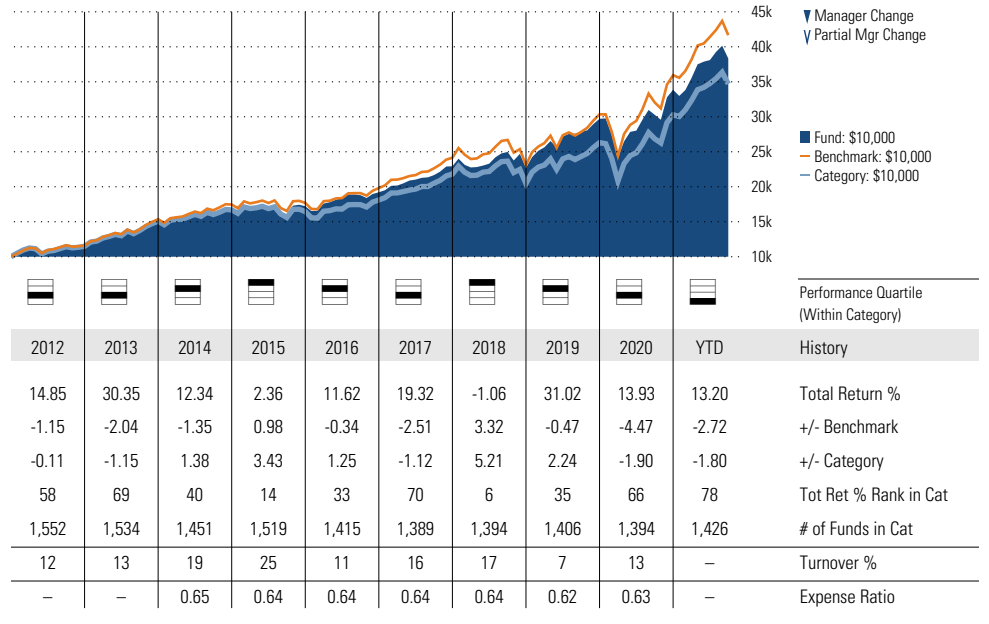
## Morningstar Investment Management LLC Analysis

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.

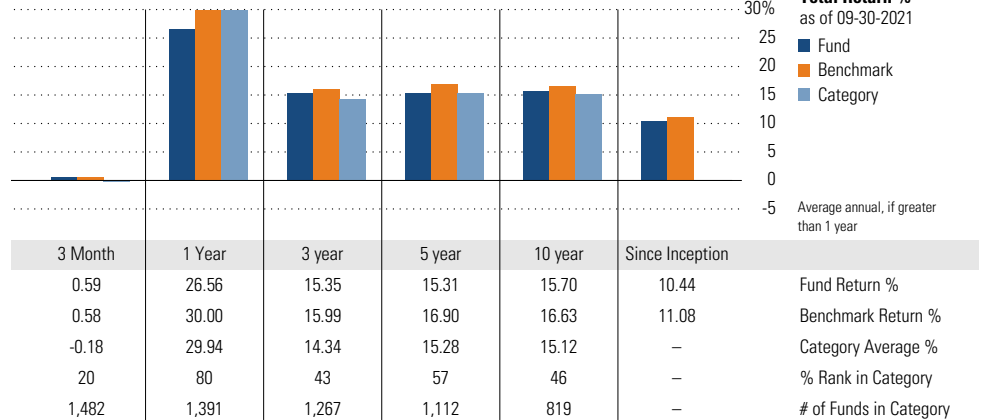
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	08-31-2021
Carbon Risk Score	Low Risk	06-30-2021

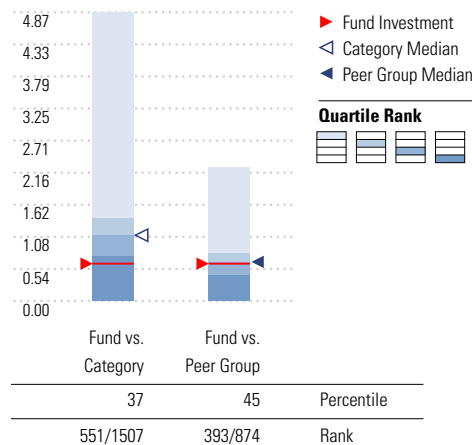
## Growth of \$10,000



## 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	1.32	-	-1.35
Beta	0.86	-	0.97
R-Squared	95.48	-	95.76
Standard Deviation	16.64	18.81	18.73
Sharpe Ratio	0.88	0.83	0.74
Tracking Error	4.36	-	3.76
Information Ratio	-0.15	-	-1.00
Up Capture Ratio	89.06	-	94.15
Down Capture Ratio	84.35	-	98.89

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	25.54	24.09	22.21
Price/Book Ratio	4.60	4.27	4.41
Geom Avg Mkt Cap \$B	137.94	201.74	256.86
ROE	31.47	31.23	31.98

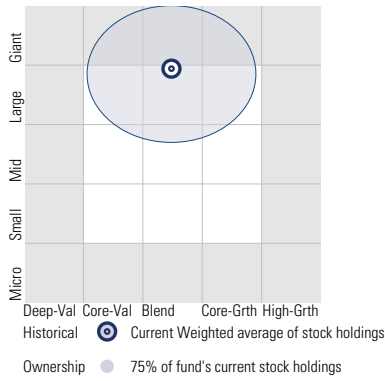
# T. Rowe Price Dividend Growth PRDGX

Morningstar Category  
Large Blend

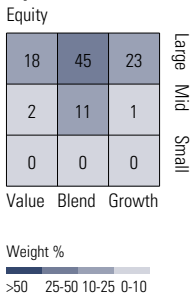
Morningstar Index  
S&P 500 TR USD

## Style Analysis as of 09-30-2021

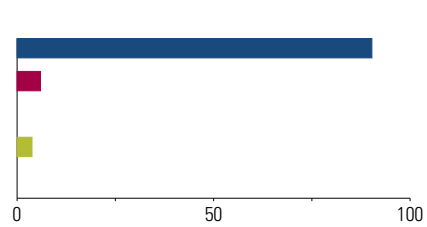
Morningstar Style Box™



## Style Breakdown

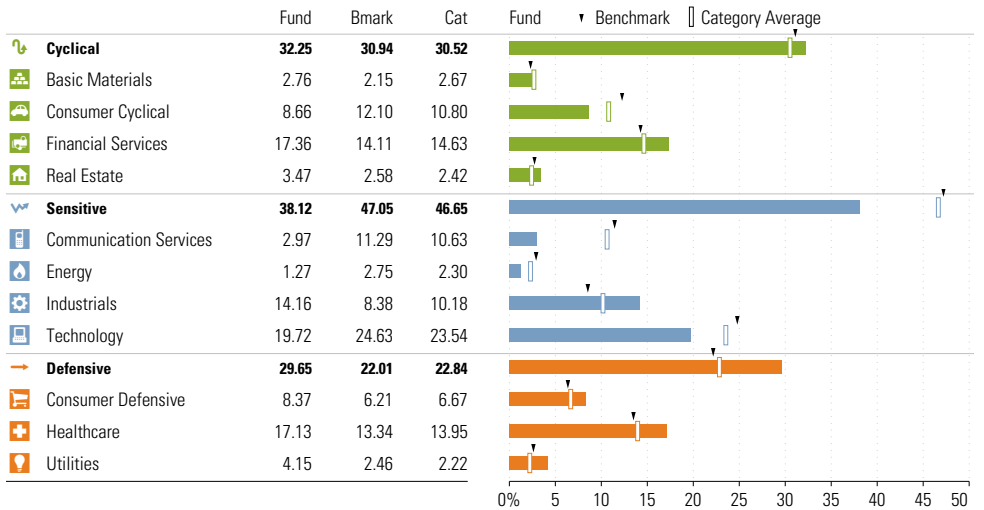


## Asset Allocation as of 09-30-2021



Asset Class	Net %	Cat%
US Stocks	90.27	94.81
Non-US Stocks	5.95	3.07
Bonds	0.00	0.50
Cash	3.79	1.19
Other	0.00	0.42
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2021



## Top 15 Holdings as of 09-30-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	6.09	6.09	27.51	Technology
⊕ T. Rowe Price Gov. Reserve	3.63	9.72	—	—
Apple Inc	3.60	13.32	7.13	Technology
⊖ Danaher Corp	2.71	16.02	37.33	Healthcare
⊖ Visa Inc Class A	2.26	18.29	2.28	Financial Services
UnitedHealth Group Inc	2.11	20.40	12.61	Healthcare
JPMorgan Chase & Co	2.07	22.47	30.94	Financial Services
Accenture PLC Class A	1.97	24.44	23.49	Technology
⊖ Marsh & McLennan Companies Inc	1.79	26.23	30.68	Financial Services
Thermo Fisher Scientific Inc	1.77	27.99	22.83	Healthcare
⊕ Comcast Corp Class A	1.69	29.69	8.13	Communication Svc
⊕ General Electric Co	1.53	31.22	19.53	Industrials
Texas Instruments Inc	1.46	32.68	18.97	Technology
Roper Technologies Inc	1.42	34.10	3.88	Industrials
⊖ Morgan Stanley	1.40	35.50	44.04	Financial Services

**Total Holdings 102**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Templeton Global Bond Adv TGBAX

**Morningstar Category**  
Nontraditional Bond

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

## Portfolio Manager(s)

Michael Hasenstab since 12-2001  
Calvin Ho since 12-2018

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 19.76 years.

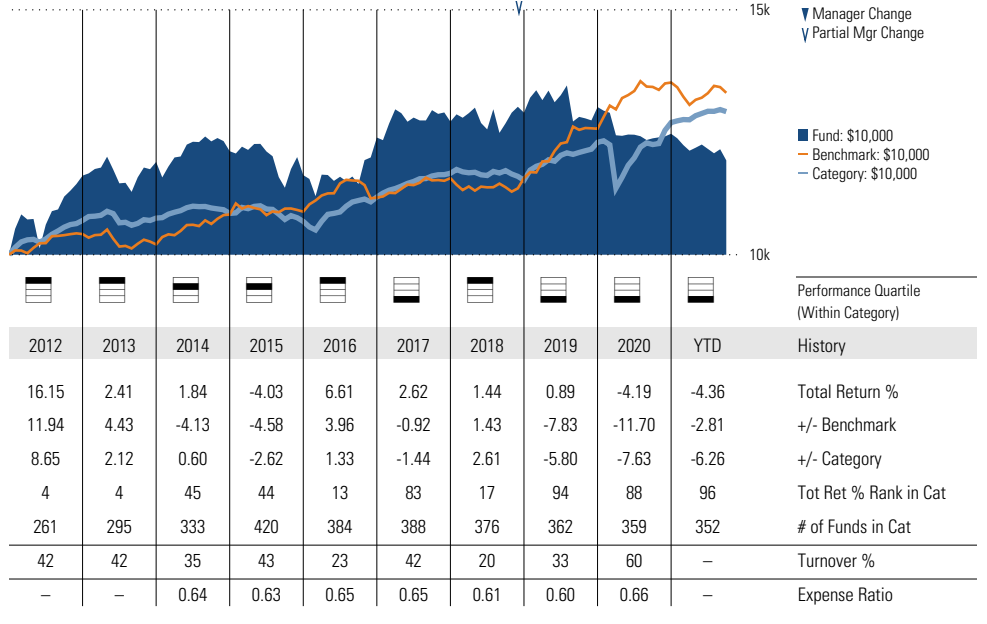
✔ **Style:** The fund has landed in its primary style box — Large Value — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.67 is 47.66% lower than the Nontraditional Bond category average.

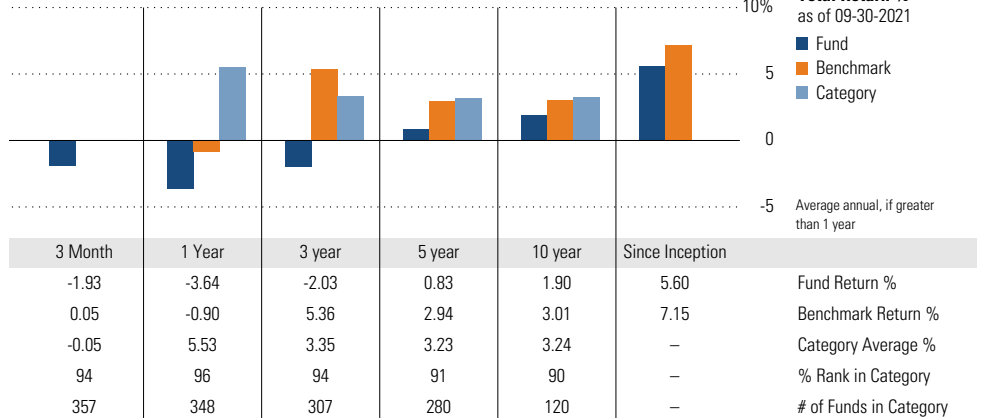
## Morningstar Investment Management LLC Analysis

We placed this fund on watch due to concerns about the fund's fit for retirement savings. The fund had seen increased volatility relative to its category and its highly unusual strategy can make it difficult for plan participants to use effectively. We are removing the fund from fiduciary coverage.

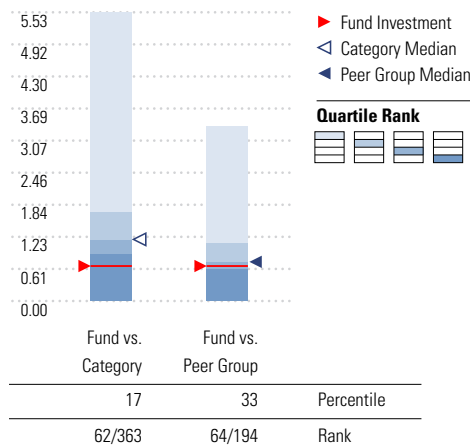
## Growth of \$10,000



## 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	-0.19	-	1.44
Beta	-0.33	-	0.39
R-Squared	4.96	-	8.91
Standard Deviation	5.21	3.54	6.35
Sharpe Ratio	-0.57	1.23	0.45
Tracking Error	6.92	-	6.68
Information Ratio	-1.07	-	-0.34
Up Capture Ratio	-15.68	-	67.42
Down Capture Ratio	30.96	-	78.23

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	2.19	4.43	1.96
Avg Eff Maturity	2.49	-	3.38

# Templeton Global Bond Adv TGBAX

**Morningstar Category**  
Nontraditional Bond

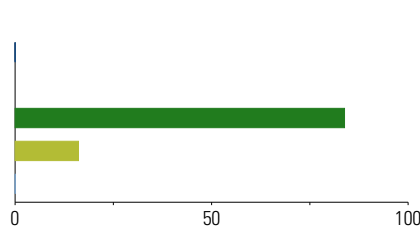
**Morningstar Index**  
BBgBarc US Agg Bond TR USD

## Style Analysis as of 09-30-2021

### Style Breakdown



## Asset Allocation as of 09-30-2021



Asset Class	Net %	Cat%
US Stocks	0.01	0.61
Non-US Stocks	0.00	0.17
Bonds	83.82	71.78
Cash	16.13	23.99
Other	0.03	3.44
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	26.93	3.53	29.94
AA	18.02	74.59	13.58
A	4.66	10.82	11.85
BBB	25.59	8.32	18.57
BB	8.92	0.28	9.06
B	3.99	0.00	5.25
Below B	3.65	0.00	5.67
Not Rated	8.24	2.46	6.08

## Sector Weighting as of 09-30-2021



## Top 10 Holdings as of 09-30-2021

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
✳ Cash	-	5.19	5.19	-
Indonesia (Republic of) 9.5%	07-2023	5.09	10.28	-
United States Treasury Notes 2.625%	12-2025	4.49	14.77	-
Mexico (United Mexican States) 8%	12-2023	4.26	19.03	-
Bank of Korea 0.905%	04-2023	3.76	22.80	-
⊕ Franklin IFT Money Market	-	3.64	26.44	-
Norway (Kingdom Of) 3%	03-2024	3.49	29.93	-
Singapore (Republic of) 0%	11-2021	3.48	33.41	-
Bank of Korea 0.87%	02-2023	3.42	36.83	-
Secretaria Tesouro Nacional 0%	01-2025	3.40	40.23	-

**Total Holdings 139**

⊕ 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 5.43 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.04 is 95.18% 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.

## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	10-08-2021
Sustainability Rating	3	08-31-2021
Carbon Risk Score	Low Risk	06-30-2021

## 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	-	-1.35
Beta	1.00	-	0.97
R-Squared	100.00	-	95.76
Standard Deviation	18.82	18.81	18.73
Sharpe Ratio	0.83	0.83	0.74
Tracking Error	0.01	-	3.76
Information Ratio	-3.08	-	-1.00
Up Capture Ratio	99.96	-	94.15
Down Capture Ratio	100.07	-	98.89

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	24.09	24.09	22.21
Price/Book Ratio	4.27	4.27	4.41
Geom Avg Mkt Cap \$B	201.96	201.74	256.86
ROE	31.25	31.23	31.98

# Vanguard 500 Index Admiral VFIAX

**Morningstar Category**  
Large Blend

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

## Style Analysis as of 09-30-2021

Morningstar Style Box™



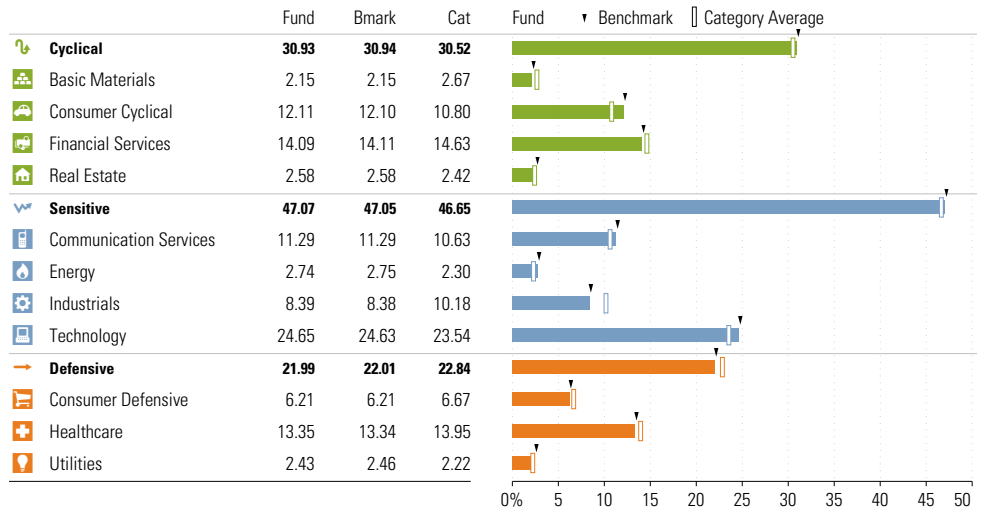
## Style Breakdown



## Asset Allocation as of 09-30-2021



## Sector Weighting as of 09-30-2021



## Top 15 Holdings as of 09-30-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Apple Inc	6.08	6.08	7.13	Technology
⊕ Microsoft Corp	5.80	11.88	27.51	Technology
⊕ Amazon.com Inc	3.92	15.80	0.86	Consumer Cyclical
⊖ Facebook Inc Class A	2.21	18.01	24.25	Communication Svc
⊕ Alphabet Inc Class A	2.20	20.22	52.54	Communication Svc
⊖ Alphabet Inc Class C	2.06	22.27	52.14	Communication Svc
⊕ Tesla Inc	1.72	23.99	9.89	Consumer Cyclical
⊕ NVIDIA Corp	1.41	25.41	58.77	Technology
⊖ Berkshire Hathaway Inc Class B	1.38	26.79	17.71	Financial Services
⊖ JPMorgan Chase & Co	1.34	28.13	30.94	Financial Services
⊕ Johnson & Johnson	1.16	29.29	4.61	Healthcare
⊕ Visa Inc Class A	1.02	30.31	2.28	Financial Services
⊕ UnitedHealth Group Inc	1.01	31.32	12.61	Healthcare
⊕ The Home Depot Inc	0.96	32.28	25.45	Consumer Cyclical
⊖ Procter & Gamble Co	0.93	33.21	2.29	Consumer Defensive

**Total Holdings 511**

⊕ 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 8.61 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.07 is 92.47% 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.

## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	10-08-2021
Sustainability Rating	2	08-31-2021
Carbon Risk Score	Low Risk	06-30-2021

## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.03	-	-0.02
Beta	1.04	-	1.00
R-Squared	97.08	-	94.58
Standard Deviation	18.64	17.73	18.29
Sharpe Ratio	0.46	0.46	0.45
Tracking Error	3.25	-	4.31
Information Ratio	0.05	-	-0.01
Up Capture Ratio	102.27	-	100.18
Down Capture Ratio	102.35	-	100.74

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	14.94	14.84	14.52
Price/Book Ratio	1.72	1.86	1.93
Geom Avg Mkt Cap \$B	29.39	45.39	53.11
ROE	15.62	16.84	17.78

# Vanguard Developed Markets Index Admiral VTMGX

**Morningstar Category**  
Foreign Large Blend

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

## Style Analysis as of 09-30-2021

Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 09-30-2021



Asset Class	Net %	Cat%
US Stocks	0.97	2.96
Non-US Stocks	98.80	94.69
Bonds	0.00	0.35
Cash	0.12	2.22
Other	0.10	-0.22
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2021



## World Regions % Equity 09-30-2021



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	37.07	36.36	Americas	10.10	7.71	Greater Europe	52.82	55.94	Developed Markets	99.18
Japan	21.90	19.24	North America	9.99	6.68	United Kingdom	11.90	12.60	Emerging Markets	0.82
Australasia	6.48	4.72	Central/Latin	0.11	1.03	W euro-ex UK	40.01	41.93	Not Available	0.00
Asia-4 Tigers	8.33	7.26				Emrgng Europe	0.33	0.55		
Asia-ex 4 Tigers	0.36	5.14				Africa	0.58	0.86		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 09-30-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Nestle SA	1.47	1.47	9.81	Consumer Defensive
⊖ ASML Holding NV	1.28	2.75	62.80	Technology
⊕ Samsung Electronics Co Ltd	1.23	3.98	-	Technology
⊕ Roche Holding AG	1.08	5.06	9.70	Healthcare
⊖ Toyota Motor Corp	0.95	6.01	27.03	Consumer Cyclical
⊖ AstraZeneca PLC	0.81	6.82	25.07	Healthcare
⊖ LVMH Moet Hennessy Louis Vuitton SE	0.77	7.59	22.16	Consumer Cyclical
⊖ Novartis AG	0.75	8.34	-5.82	Healthcare
⊖ Novo Nordisk A/S Class B	0.66	9.00	47.25	Healthcare
⊖ Shopify Inc Registered Shs -A- Subord Vtg	0.66	9.66	19.61	Technology

**Total Holdings 4096**

⊕ 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  
Steven Morrow since 08-2012  
A. Rama Krishna since 12-2012  
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 8 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 11.35 years.

✔ **Style:** The fund has landed in its primary style box — Large Value — 83.33 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.35 is 65.69% lower than the Foreign Large Value category average.

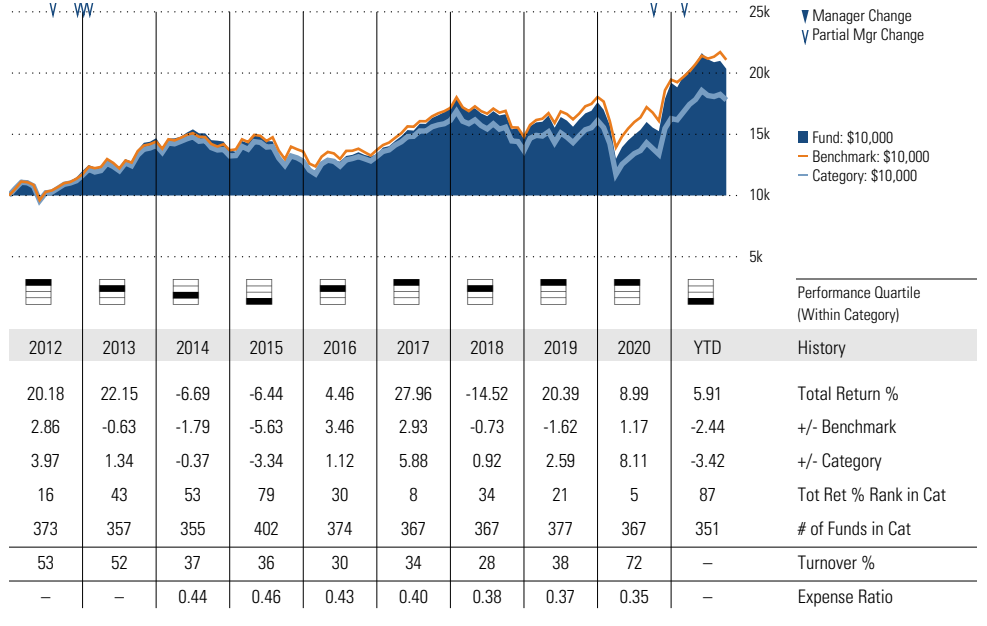
## Morningstar Investment Management LLC Analysis

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

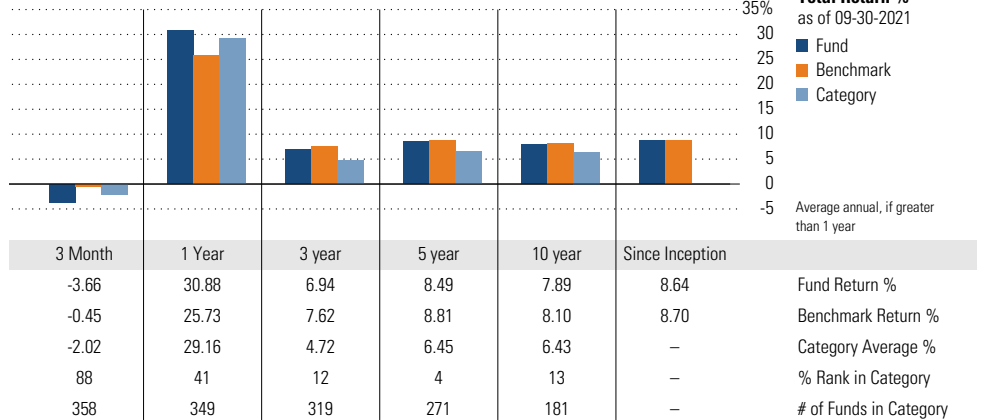
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	08-31-2021
Carbon Risk Score	Medium Risk	06-30-2021

## 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	-1.12	-	-3.12
Beta	1.10	-	1.10
R-Squared	95.60	-	93.15
Standard Deviation	20.03	17.78	20.26
Sharpe Ratio	0.38	0.44	0.28
Tracking Error	4.57	-	5.87
Information Ratio	-0.15	-	-0.56
Up Capture Ratio	106.06	-	102.29
Down Capture Ratio	111.07	-	116.32

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	19.25	15.42	10.89
Price/Book Ratio	1.61	1.82	1.30
Geom Avg Mkt Cap \$B	32.83	46.48	37.28
ROE	8.87	16.57	13.60

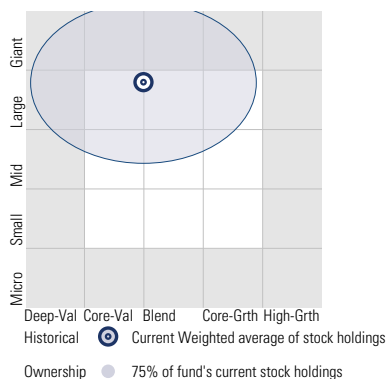
# Vanguard International Value Inv VTRIX

**Morningstar Category**  
Foreign Large Value

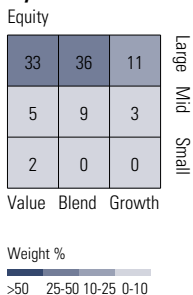
**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 09-30-2021

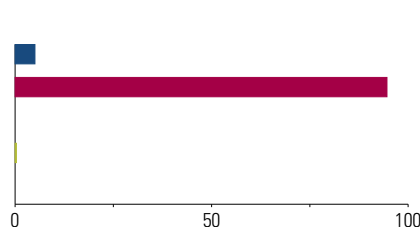
Morningstar Style Box™



## Style Breakdown

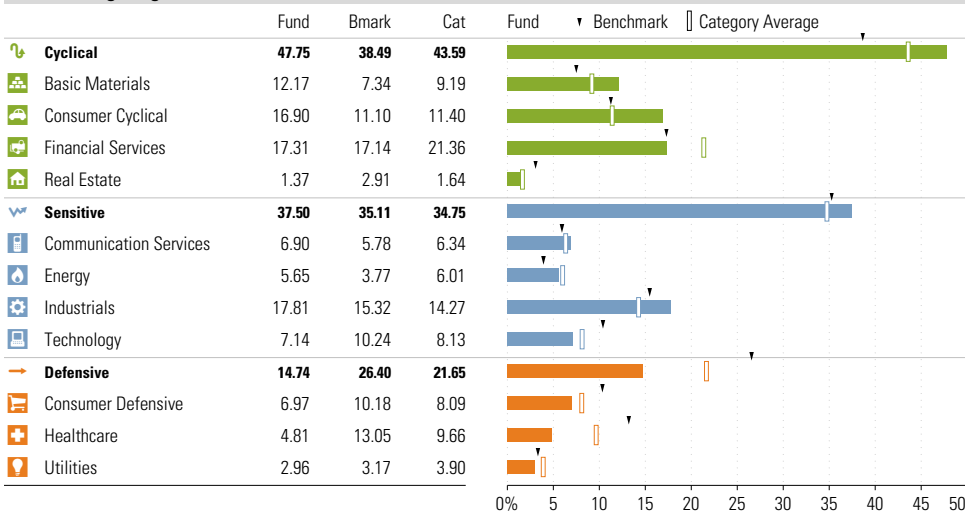


## Asset Allocation as of 09-30-2021

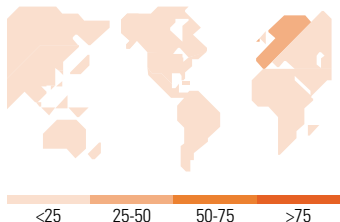


Asset Class	Net %	Cat%
US Stocks	5.05	2.56
Non-US Stocks	94.62	95.87
Bonds	0.00	0.29
Cash	0.33	1.13
Other	0.00	0.15
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2021



## World Regions % Equity 09-30-2021



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	34.93	31.09	Americas	12.18	7.97	Greater Europe	52.88	60.93	Developed Markets	82.57
Japan	11.89	17.40	North America	7.75	6.65	United Kingdom	17.54	17.49	Emerging Markets	17.43
Australasia	1.39	2.70	Central/Latin	4.43	1.32	W euro-ex UK	33.63	42.43	Not Available	0.00
Asia-4 Tigers	10.29	7.72				Emrgng Europe	0.70	0.51		
Asia-ex 4 Tigers	11.36	3.27				Africa	1.01	0.50		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 09-30-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Samsung Electronics Co Ltd	2.15	2.15	-	Technology
POSCO	1.45	3.60	-	Basic Materials
⊕ Alibaba Group Holding Ltd Ordinary Shares	1.37	4.96	-	Consumer Cyclical
⊕ Bank Bradesco SA ADR	1.35	6.31	-17.22	Financial Services
⊕ Novartis AG	1.31	7.62	-5.82	Healthcare
⊕ Holcim Ltd	1.28	8.91	-3.04	Basic Materials
⊕ Compagnie Financiere Richemont SA	1.11	10.02	23.28	Consumer Cyclical
⊕ Samsung Electronics Co Ltd GDR	1.08	11.10	-13.59	Technology
⊕ Tencent Holdings Ltd	1.08	12.18	-18.20	Communication Svc
⊕ ABB Ltd	1.01	13.19	29.14	Industrials

**Total Holdings 220**

⊕ 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 25.4 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.12 is 88.79% 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.

## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	10-08-2021
Sustainability Rating	3	08-31-2021
Carbon Risk Score	Medium Risk	06-30-2021

## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	2.37	-	2.01
Beta	0.94	-	0.92
R-Squared	98.74	-	93.28
Standard Deviation	18.88	20.01	19.17
Sharpe Ratio	0.64	0.52	0.63
Tracking Error	2.46	-	5.05
Information Ratio	0.85	-	0.36
Up Capture Ratio	100.34	-	98.49
Down Capture Ratio	90.91	-	91.53

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	37.00	38.46	38.51
Price/Book Ratio	2.95	2.42	2.85
Geom Avg Mkt Cap \$B	21.33	9.35	24.65
ROE	12.81	9.56	11.00

# Vanguard Real Estate Index Admiral VGSLX

**Morningstar Category**  
Real Estate

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

## Style Analysis as of 09-30-2021

Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 09-30-2021



## Sector Weighting as of 09-30-2021



## Top 15 Holdings as of 09-30-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Real Estate II Index	11.56	11.56	-	-
⊖ American Tower Corp	7.22	18.78	19.95	Real Estate
⊖ Prologis Inc	5.55	24.33	27.75	Real Estate
⊖ Crown Castle International Corp	4.43	28.76	11.38	Real Estate
⊖ Equinix Inc	4.21	32.97	11.84	Real Estate
⊖ Public Storage	2.80	35.77	31.25	Real Estate
⊖ Simon Property Group Inc	2.49	38.26	57.33	Real Estate
⊖ Digital Realty Trust Inc	2.39	40.64	6.04	Real Estate
⊖ SBA Communications Corp	2.16	42.81	17.79	Real Estate
⊖ Welltower Inc	2.06	44.86	30.35	Real Estate
⊖ CBRE Group Inc Class A	1.96	46.82	55.23	Real Estate
⊖ AvalonBay Communities Inc	1.85	48.67	40.14	Real Estate
⊖ Equity Residential	1.69	50.36	39.55	Real Estate
⊕ Alexandria Real Estate Equities Inc	1.60	51.96	9.08	Real Estate
⊖ Weyerhaeuser Co	1.59	53.56	7.61	Real Estate

## Total Holdings 171

⊕ 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 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 8.61 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.12 is 80% lower than the Target-Date 2015 category average.

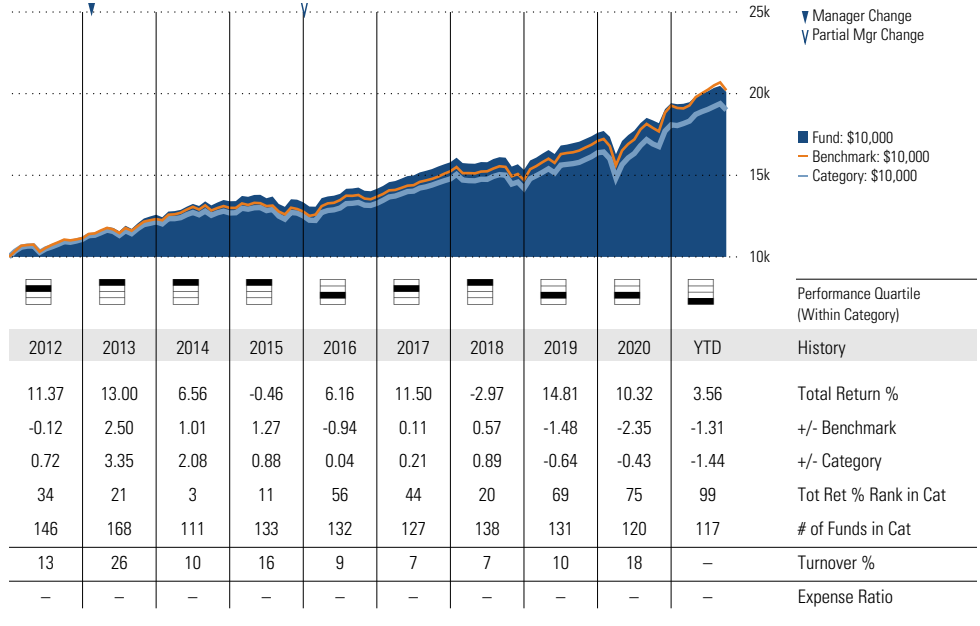
## Morningstar Investment Management LLC Analysis

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.

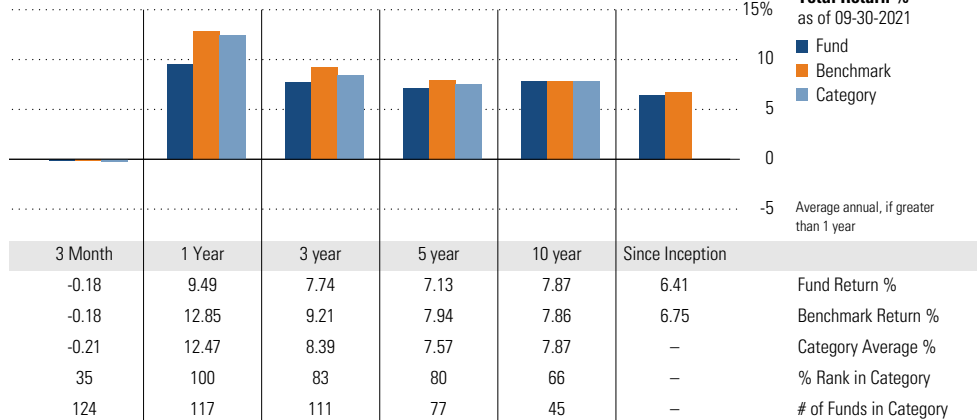
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	10-08-2021

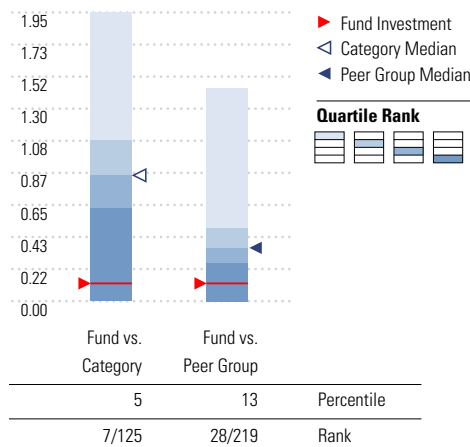
## Growth of \$10,000



## 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	0.12	-	-0.76
Beta	0.83	-	0.97
R-Squared	98.81	-	96.39
Standard Deviation	7.38	8.88	8.80
Sharpe Ratio	0.90	0.92	0.81
Tracking Error	1.74	-	1.81
Information Ratio	-0.85	-	-0.59
Up Capture Ratio	83.20	-	92.08
Down Capture Ratio	82.08	-	96.07

## Portfolio Metrics

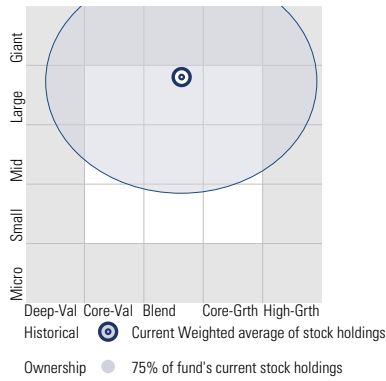
	Fund	Bmark	Cat
Price/Earnings Ratio	18.45	19.04	19.25
Price/Book Ratio	2.65	2.66	2.82
Avg Eff Duration	6.21	-	5.44

# Vanguard Target Retirement 2015 Inv VTXVX

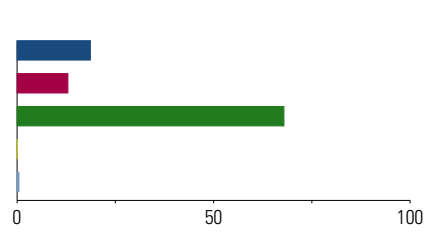
**Morningstar Category**  
Target-Date 2015

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

**Style Analysis** as of 09-30-2021  
Morningstar Style Box™

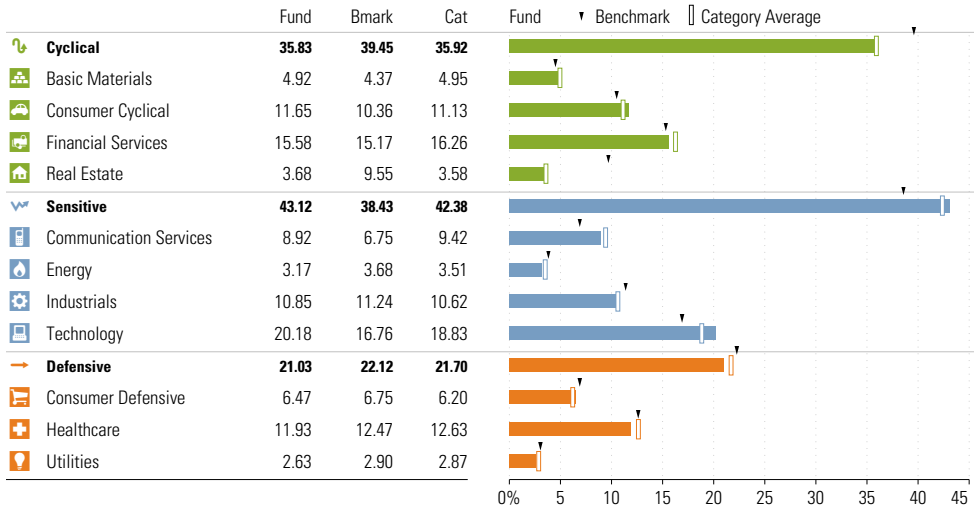


**Asset Allocation** as of 09-30-2021

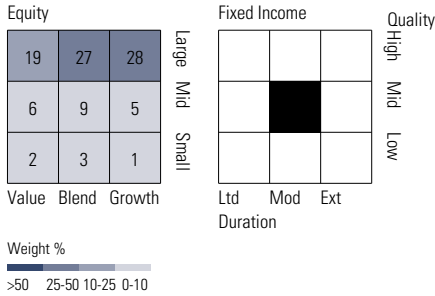


Asset Class	Net %	Cat%
US Stocks	18.64	25.65
Non-US Stocks	12.92	15.35
Bonds	67.89	46.15
Cash	0.06	7.42
Other	0.48	5.43
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2021



**Style Breakdown**



**Top 7 Holdings** as of 09-30-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	-	36.53	36.53	-	-
⊖ Vanguard Total Stock Mkt Idx Inv	-	18.70	55.22	-	-
⊖ Vanguard Shrt-Term Infl-Prot Sec Idx Inv	-	16.17	71.39	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	15.69	87.08	-	-
⊖ Vanguard Total Intl Stock Index Inv	-	12.80	99.88	-	-
⊕ Vanguard Total Intl Bd II Idx Investor	-	0.16	100.04	-	-
⊖ Us Dollar	-	0.04	100.07	-	-

**Total Holdings 7**

⊕ 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 8.61 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.13 is 79.69% lower than the Target-Date 2020 category average.

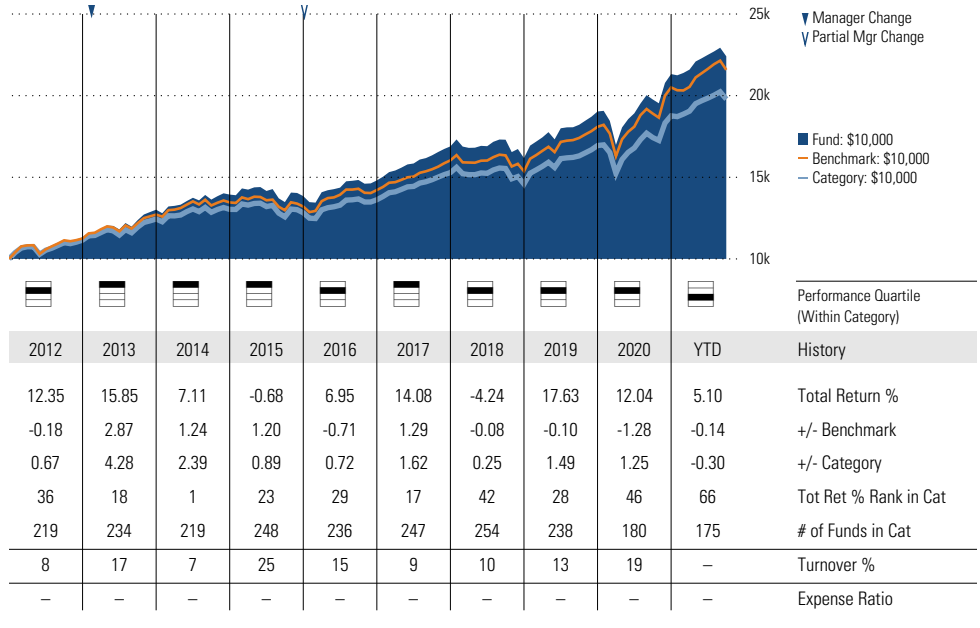
## Morningstar Investment Management LLC Analysis

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.

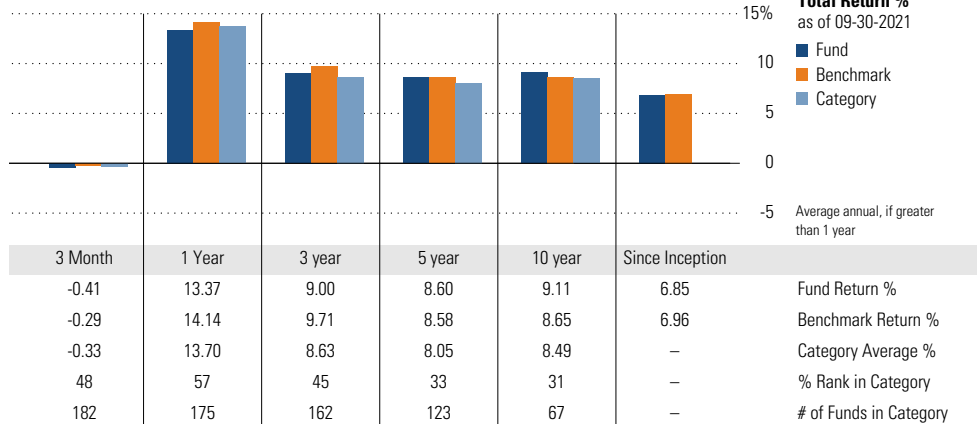
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	10-08-2021

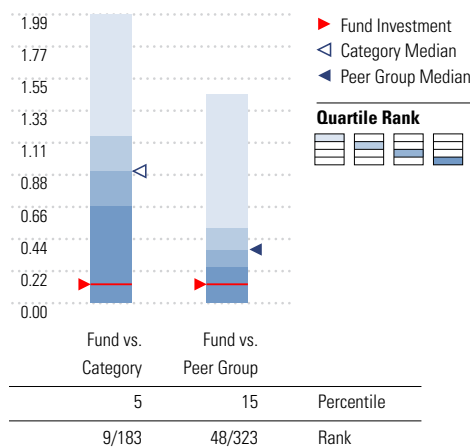
## Growth of \$10,000



## 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	-0.49	-	-0.70
Beta	0.98	-	0.95
R-Squared	98.49	-	96.48
Standard Deviation	9.77	9.87	9.52
Sharpe Ratio	0.82	0.88	0.79
Tracking Error	1.21	-	2.06
Information Ratio	-0.58	-	-0.63
Up Capture Ratio	96.18	-	90.82
Down Capture Ratio	99.56	-	94.59

## Portfolio Metrics

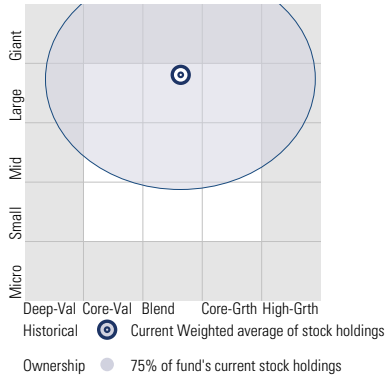
	Fund	Bmark	Cat
Price/Earnings Ratio	18.52	18.89	19.67
Price/Book Ratio	2.65	2.63	2.82
Avg Eff Duration	6.46	-	5.43

# Vanguard Target Retirement 2020 Inv VTWNX

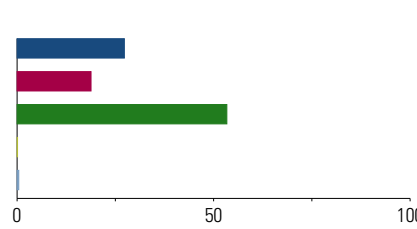
**Morningstar Category**  
Target-Date 2020

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

**Style Analysis** as of 09-30-2021  
Morningstar Style Box™

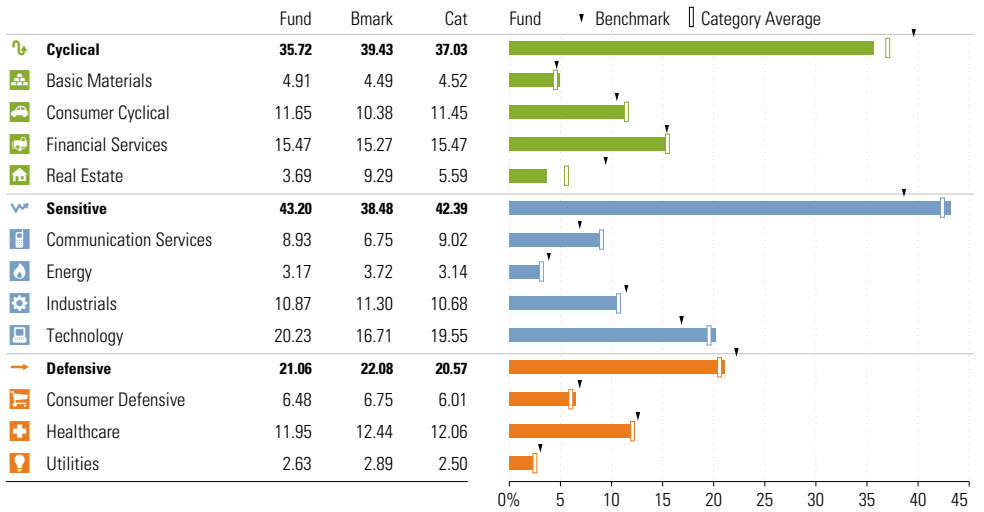


**Asset Allocation** as of 09-30-2021



Asset Class	Net %	Cat%
US Stocks	27.29	26.78
Non-US Stocks	18.81	14.68
Bonds	53.37	44.84
Cash	0.11	5.47
Other	0.42	8.23
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2021



**Style Breakdown**



**Top 7 Holdings** as of 09-30-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	-	30.83	30.83	-	-
⊖ Vanguard Total Stock Mkt Idx Inv	-	27.37	58.20	-	-
⊖ Vanguard Total Intl Stock Index Inv	-	18.69	76.90	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	13.16	90.05	-	-
⊖ Vanguard Shrt-Term Infl-Prot Sec Idx Inv	-	9.74	99.79	-	-
⊕ Vanguard Total Intl Bd II Idx Investor	-	0.20	99.99	-	-
⊕ Us Dollar	-	0.01	100.00	-	-

**Total Holdings 7**

⊕ 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 8.61 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.13 is 80.88% lower than the Target-Date 2025 category average.

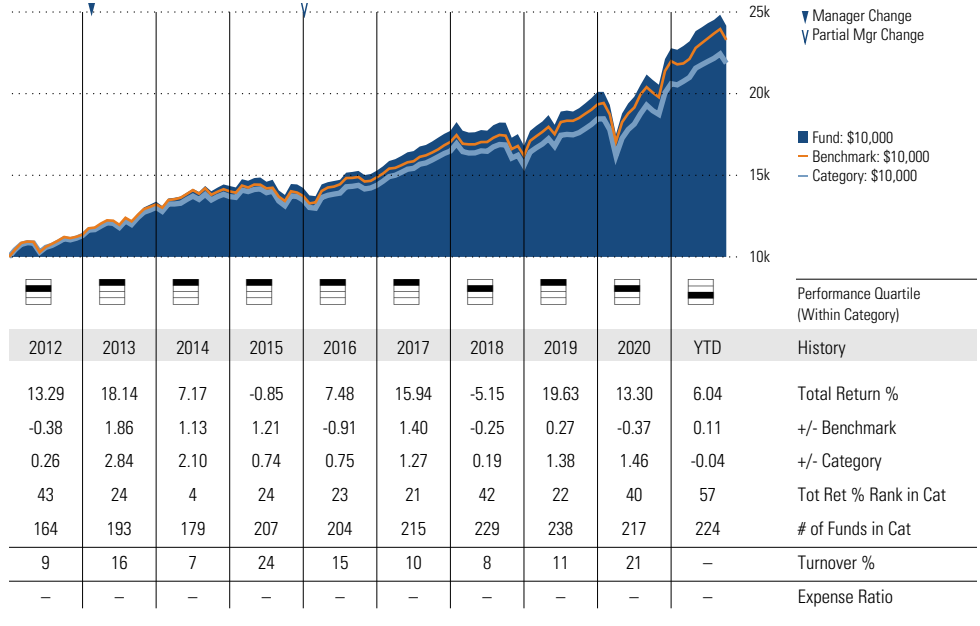
## Morningstar Investment Management LLC Analysis

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.

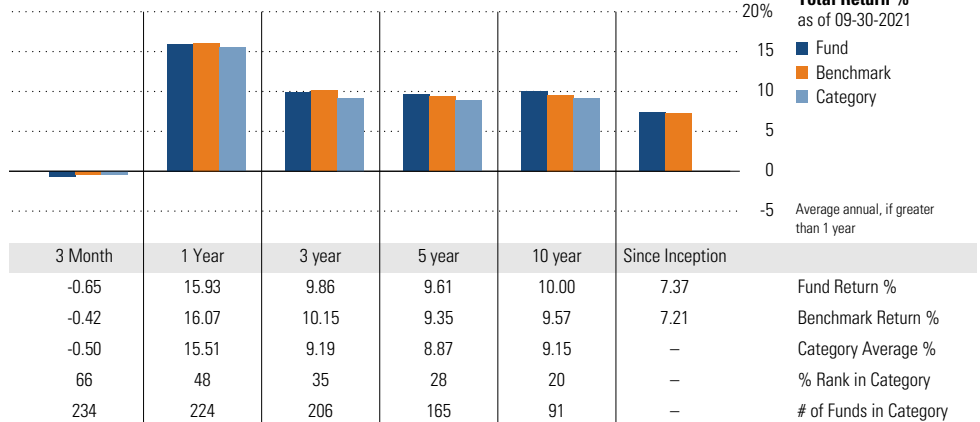
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	10-08-2021
Sustainability Rating	3	08-31-2021
Carbon Risk Score	Low Risk	06-30-2021

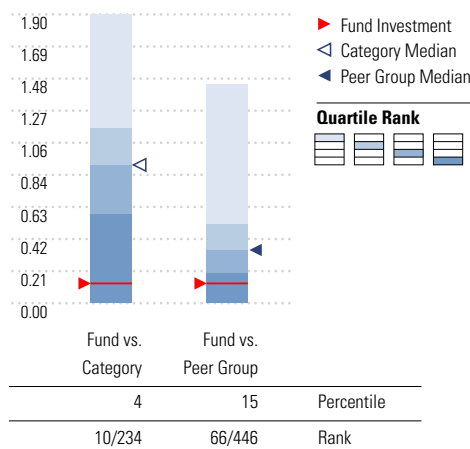
## Growth of \$10,000



## 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	-	-0.67
Beta	1.03	-	0.96
R-Squared	98.83	-	97.34
Standard Deviation	11.51	11.14	10.87
Sharpe Ratio	0.78	0.83	0.75
Tracking Error	1.28	-	2.07
Information Ratio	-0.23	-	-0.51
Up Capture Ratio	102.31	-	94.73
Down Capture Ratio	106.91	-	99.78

## Portfolio Metrics

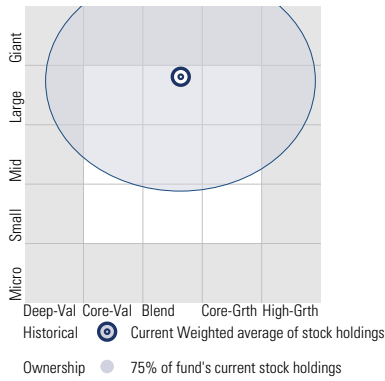
	Fund	Bmark	Cat
Price/Earnings Ratio	18.55	18.71	19.76
Price/Book Ratio	2.66	2.60	2.85
Avg Eff Duration	7.15	-	6.72

# Vanguard Target Retirement 2025 Inv VTTVX

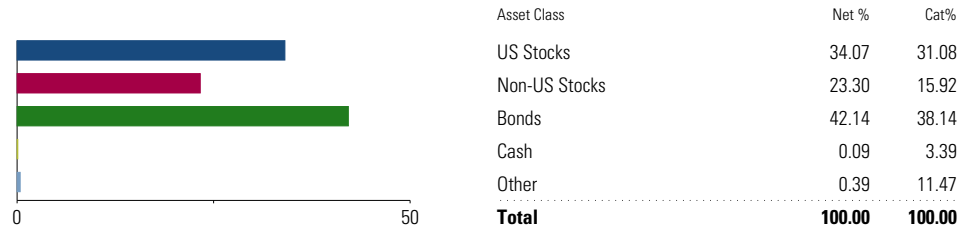
**Morningstar Category**  
Target-Date 2025

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

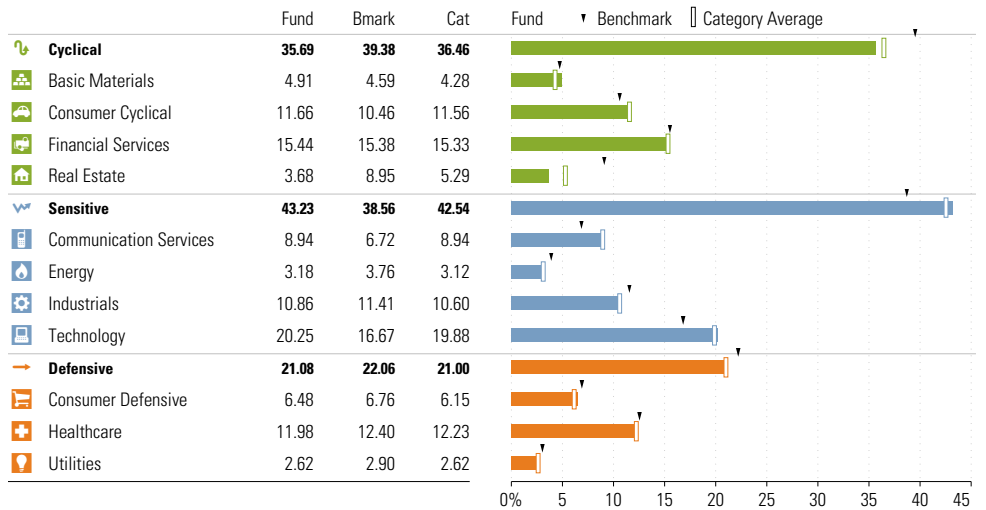
**Style Analysis** as of 09-30-2021  
Morningstar Style Box™



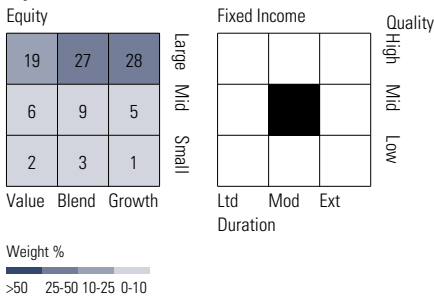
**Asset Allocation** as of 09-30-2021



**Sector Weighting** as of 09-30-2021



**Style Breakdown**



**Top 7 Holdings** as of 09-30-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	-	34.17	34.17	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	28.70	62.87	-	-
⊖ Vanguard Total Intl Stock Index Inv	-	23.18	86.05	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	12.17	98.22	-	-
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Inv	-	1.37	99.59	-	-
⊕ Vanguard Total Intl Bd II Idx Investor	-	0.42	100.01	-	-
⊖ Us Dollar	-	0.01	100.02	-	-

**Total Holdings 7**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Target Retirement 2030 Inv VTHR

**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 8.61 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.14 is 79.71% lower than the Target-Date 2030 category average.

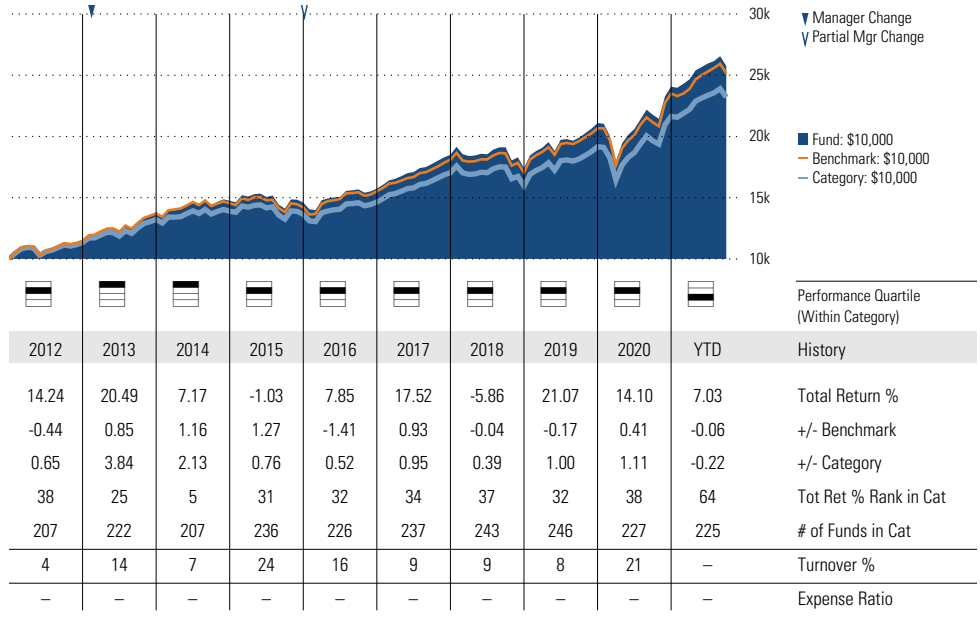
## Morningstar Investment Management LLC Analysis

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.

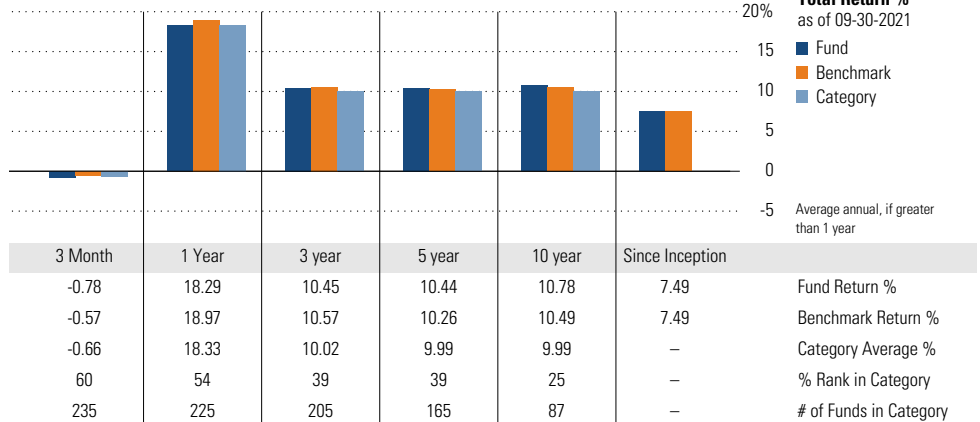
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	10-08-2021
Sustainability Rating	3	08-31-2021
Carbon Risk Score	Low Risk	06-30-2021

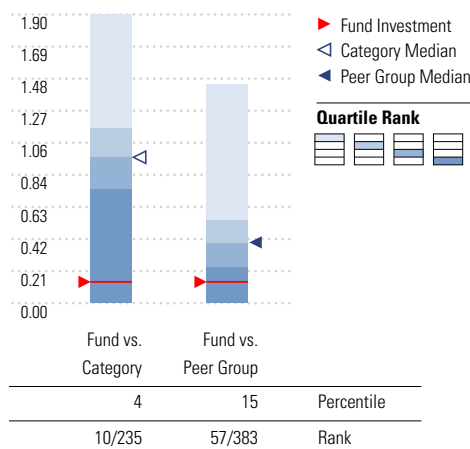
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.07	-	-0.41
Beta	1.00	-	0.98
R-Squared	99.29	-	98.27
Standard Deviation	12.87	12.86	12.68
Sharpe Ratio	0.75	0.76	0.72
Tracking Error	1.08	-	1.92
Information Ratio	-0.10	-	-0.34
Up Capture Ratio	100.90	-	97.70
Down Capture Ratio	102.39	-	100.97

## Portfolio Metrics

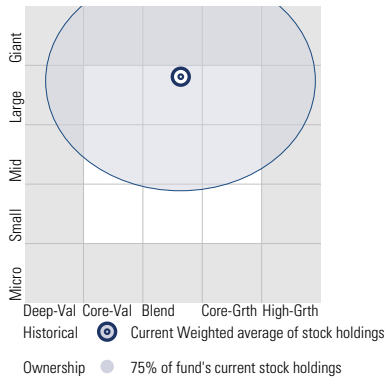
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.56	18.52	19.81
Price/Book Ratio	2.66	2.56	2.90
Avg Eff Duration	7.31	-	6.80

# Vanguard Target Retirement 2030 Inv VTHR

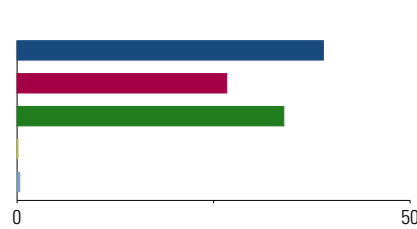
**Morningstar Category**  
Target-Date 2030

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

**Style Analysis** as of 09-30-2021  
Morningstar Style Box™

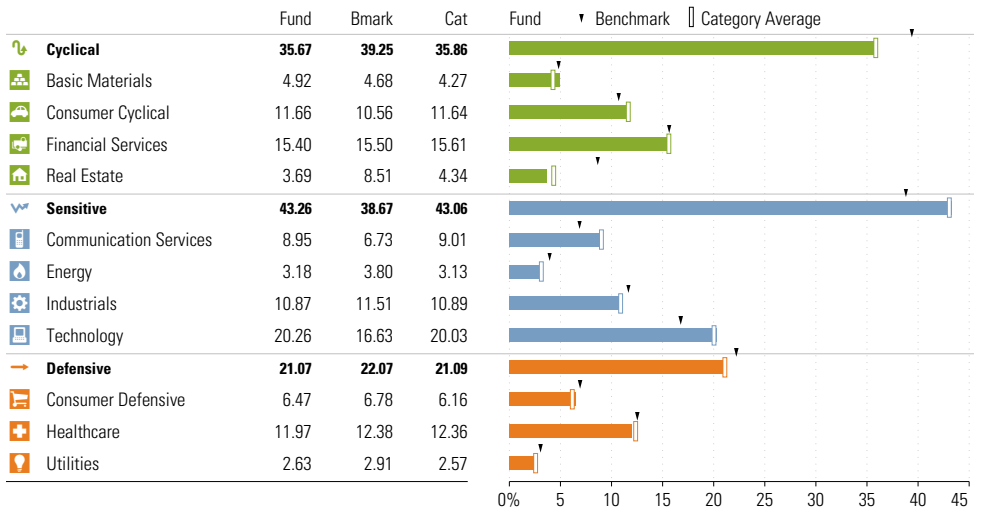


**Asset Allocation** as of 09-30-2021

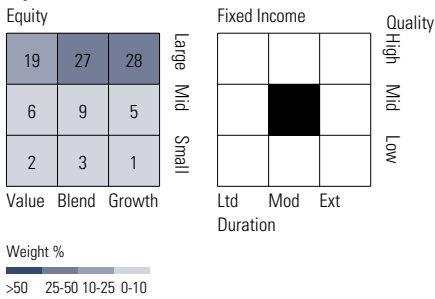


Asset Class	Net %	Cat%
US Stocks	38.96	36.84
Non-US Stocks	26.67	18.50
Bonds	33.93	28.93
Cash	0.11	2.63
Other	0.34	13.11
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2021



**Style Breakdown**



**Top 6 Holdings** as of 09-30-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	-	39.08	39.08	-	-
⊖ Vanguard Total Intl Stock Index Inv	-	26.55	65.63	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	23.77	89.39	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	10.27	99.66	-	-
⊕ Vanguard Total Intl Bd II Idx Investor	-	0.33	99.99	-	-
⊕ Us Dollar	-	0.01	100.00	-	-

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2035 Inv VTTX

**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 8.61 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.14 is 80% lower than the Target-Date 2035 category average.

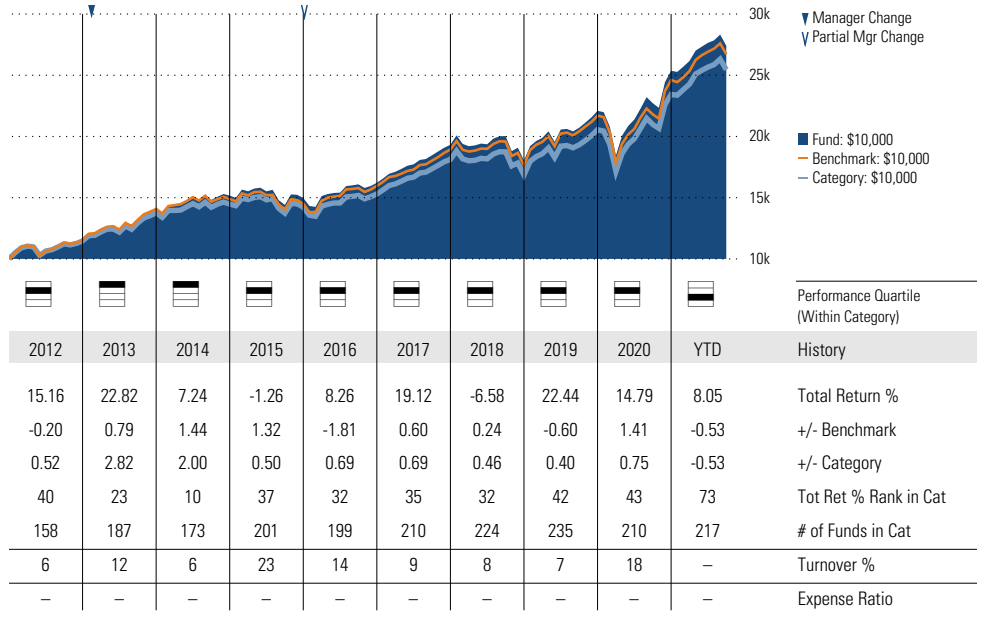
## Morningstar Investment Management LLC Analysis

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.

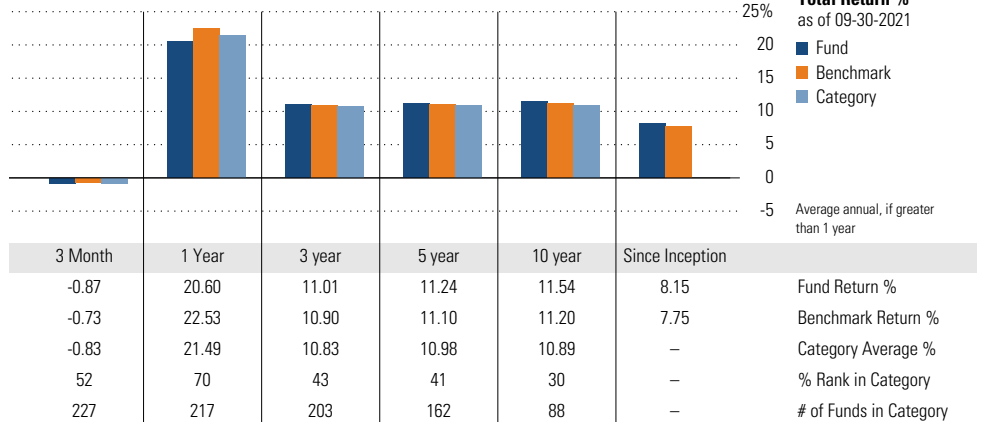
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	10-08-2021
Sustainability Rating	3	08-31-2021
Carbon Risk Score	Low Risk	06-30-2021

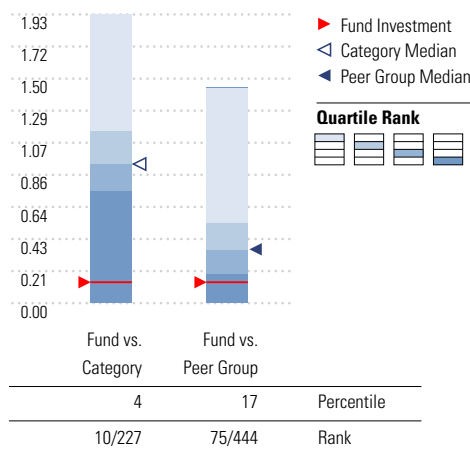
## Growth of \$10,000



## 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	0.48	-	0.16
Beta	0.96	-	0.97
R-Squared	99.50	-	98.66
Standard Deviation	14.23	14.79	14.48
Sharpe Ratio	0.73	0.70	0.71
Tracking Error	1.17	-	1.93
Information Ratio	0.09	-	-0.02
Up Capture Ratio	98.18	-	98.58
Down Capture Ratio	96.40	-	98.42

## Portfolio Metrics

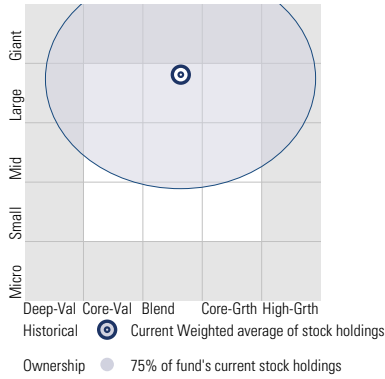
	Fund	Bmark	Cat
Price/Earnings Ratio	18.58	18.34	19.62
Price/Book Ratio	2.66	2.53	2.85
Avg Eff Duration	7.30	-	6.75

# Vanguard Target Retirement 2035 Inv VTTHX

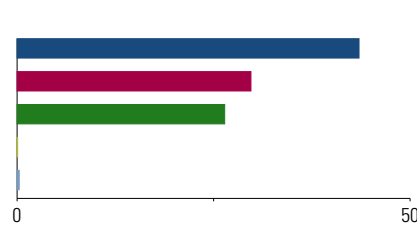
**Morningstar Category**  
Target-Date 2035

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

**Style Analysis** as of 09-30-2021  
Morningstar Style Box™

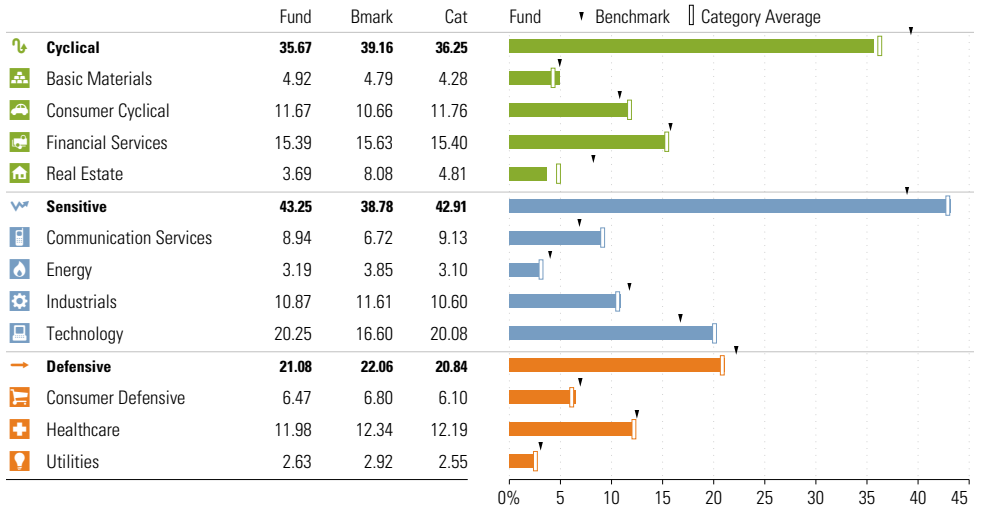


**Asset Allocation** as of 09-30-2021



Asset Class	Net %	Cat%
US Stocks	43.50	44.21
Non-US Stocks	29.75	23.16
Bonds	26.41	19.30
Cash	0.07	2.30
Other	0.27	11.04
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2021



**Style Breakdown**



**Top 6 Holdings** as of 09-30-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	-	43.63	43.63	-	-
⊖ Vanguard Total Intl Stock Index Inv	-	29.63	73.27	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	18.53	91.79	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	7.96	99.76	-	-
⊕ Vanguard Total Intl Bd II Idx Investor	-	0.26	100.02	-	-
⊖ Us Dollar	-	0.02	100.04	-	-

**Total Holdings 6**

⊕ 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 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 8.61 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.14 is 80.28% lower than the Target-Date 2040 category average.

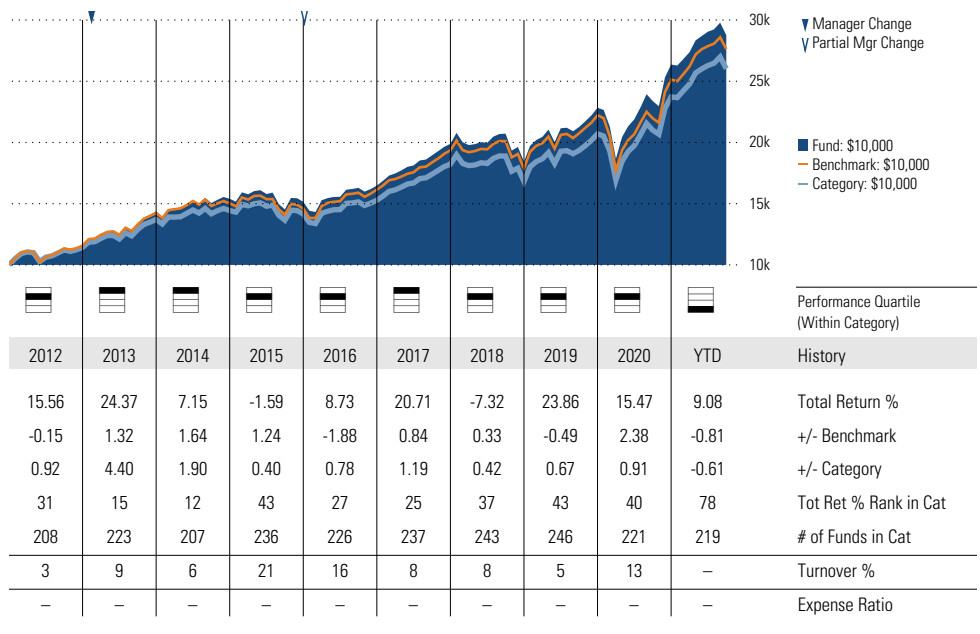
## Morningstar Investment Management LLC Analysis

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.

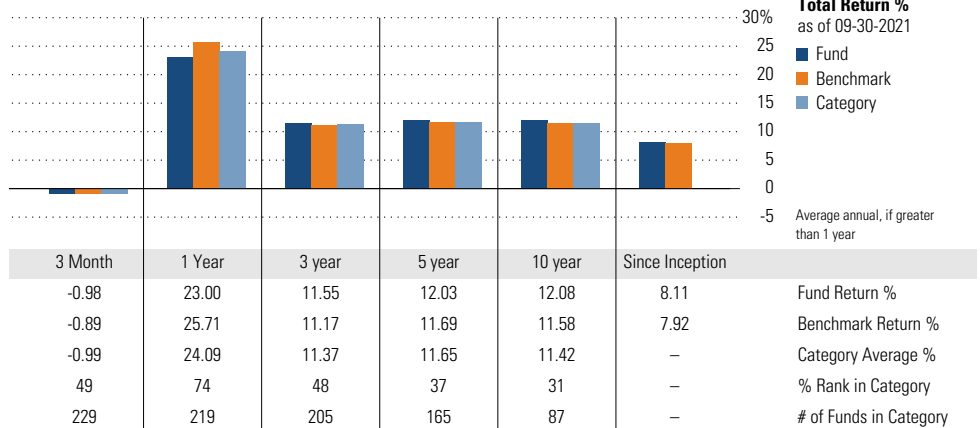
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	10-08-2021
Sustainability Rating	3	08-31-2021
Carbon Risk Score	Low Risk	06-30-2021

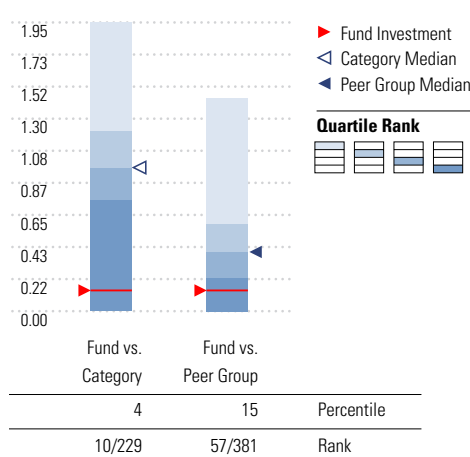
## Growth of \$10,000



## 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	0.84	-	0.62
Beta	0.95	-	0.96
R-Squared	99.47	-	98.76
Standard Deviation	15.60	16.41	15.79
Sharpe Ratio	0.71	0.66	0.70
Tracking Error	1.43	-	2.00
Information Ratio	0.27	-	0.18
Up Capture Ratio	97.82	-	98.08
Down Capture Ratio	94.61	-	95.85

## Portfolio Metrics

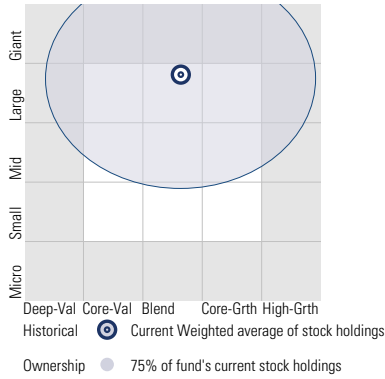
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.59	18.15	19.54
Price/Book Ratio	2.66	2.50	2.82
Avg Eff Duration	7.33	-	6.83

# Vanguard Target Retirement 2040 Inv VFORX

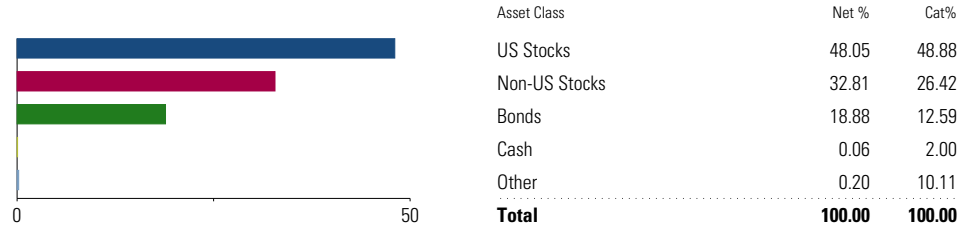
**Morningstar Category**  
Target-Date 2040

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

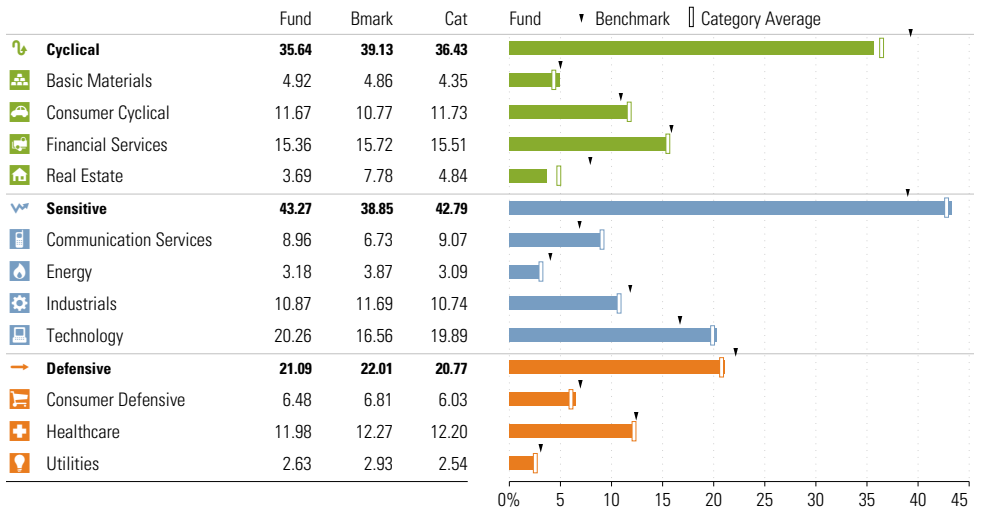
**Style Analysis** as of 09-30-2021  
Morningstar Style Box™



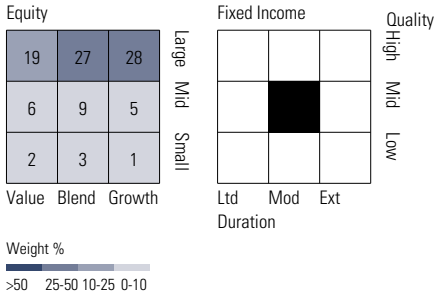
**Asset Allocation** as of 09-30-2021



**Sector Weighting** as of 09-30-2021



**Style Breakdown**



**Top 6 Holdings** as of 09-30-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	-	48.19	48.19	-	-
⊖ Vanguard Total Intl Stock Index Inv	-	32.69	80.89	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	13.06	93.95	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	6.02	99.97	-	-
⊕ Vanguard Total Intl Bd II Idx Investor	-	0.04	100.01	-	-
⊖ Us Dollar	-	0.01	100.02	-	-

**Total Holdings 6**

⊕ 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 8.61 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.15 is 78.87% lower than the Target-Date 2045 category average.

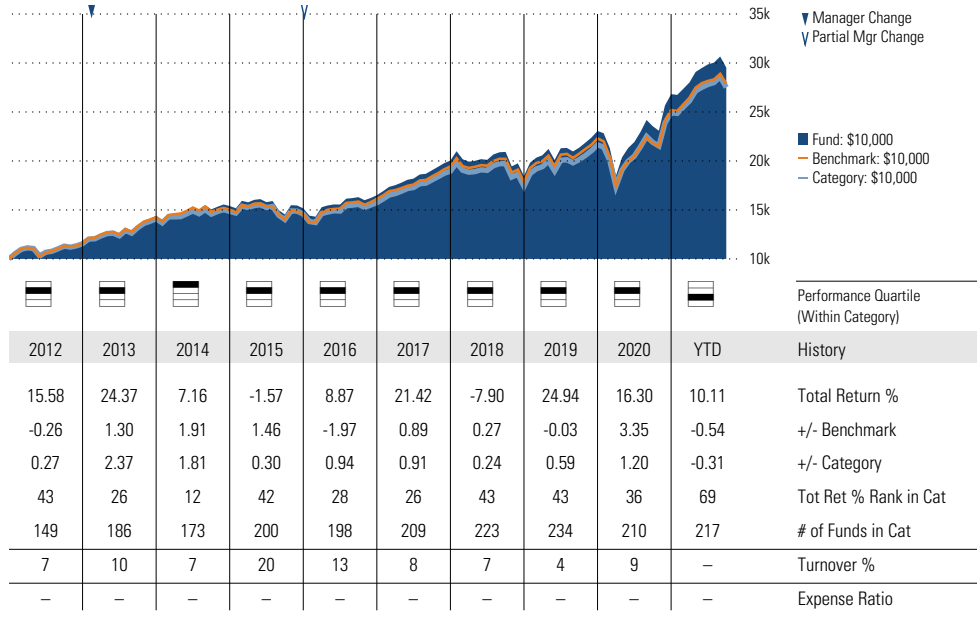
## Morningstar Investment Management LLC Analysis

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.

## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	10-08-2021
Sustainability Rating	3	08-31-2021
Carbon Risk Score	Low Risk	06-30-2021

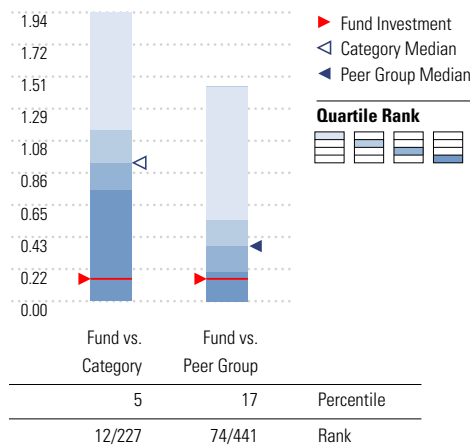
## Growth of \$10,000



## 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	1.06	-	0.85
Beta	0.97	-	0.96
R-Squared	99.40	-	98.76
Standard Deviation	16.85	17.34	16.67
Sharpe Ratio	0.70	0.64	0.69
Tracking Error	1.41	-	2.01
Information Ratio	0.60	-	0.30
Up Capture Ratio	100.54	-	98.62
Down Capture Ratio	96.70	-	95.63

## Portfolio Metrics

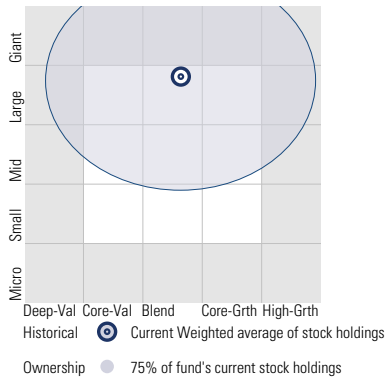
	Fund	Bmark	Cat
Price/Earnings Ratio	18.60	18.03	19.62
Price/Book Ratio	2.66	2.48	2.81
Avg Eff Duration	7.30	-	6.76

# Vanguard Target Retirement 2045 Inv VTIVX

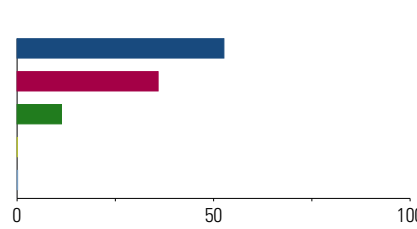
**Morningstar Category**  
Target-Date 2045

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

**Style Analysis** as of 09-30-2021  
Morningstar Style Box™

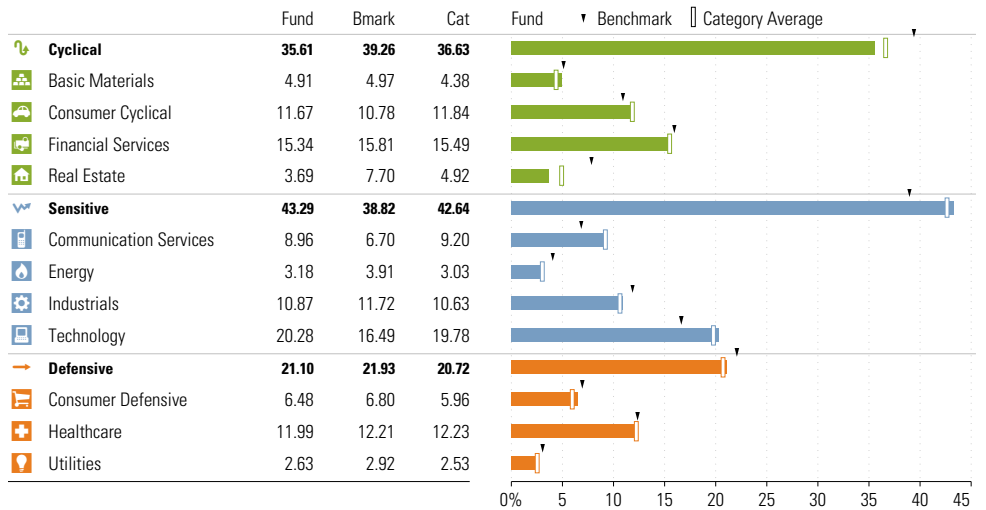


**Asset Allocation** as of 09-30-2021



Asset Class	Net %	Cat%
US Stocks	52.62	52.56
Non-US Stocks	35.88	28.75
Bonds	11.29	7.07
Cash	0.07	1.89
Other	0.14	9.74
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2021



**Style Breakdown**



**Top 6 Holdings** as of 09-30-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	-	52.78	52.78	-	-
⊖ Vanguard Total Intl Stock Index Inv	-	35.77	88.56	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	7.99	96.55	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	3.43	99.97	-	-
⊕ Vanguard Total Intl Bd II Idx Investor	-	0.02	99.99	-	-
⊕ Us Dollar	-	0.01	100.00	-	-

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Target Retirement 2050 Inv VFIFX

**Morningstar Category**  
Target-Date 2050

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 8.61 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.15 is 79.17% lower than the Target-Date 2050 category average.

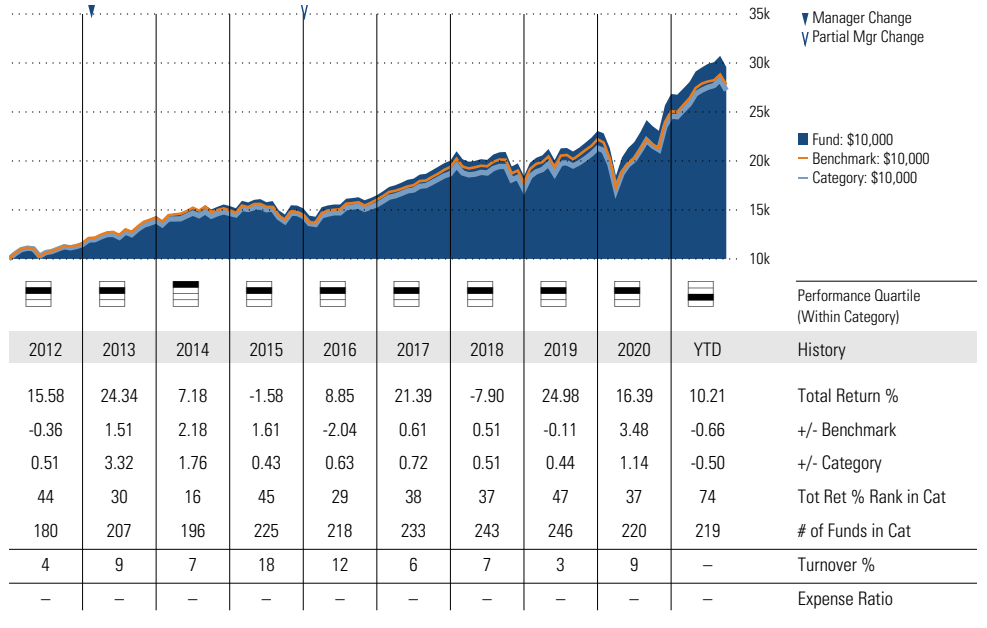
## Morningstar Investment Management LLC Analysis

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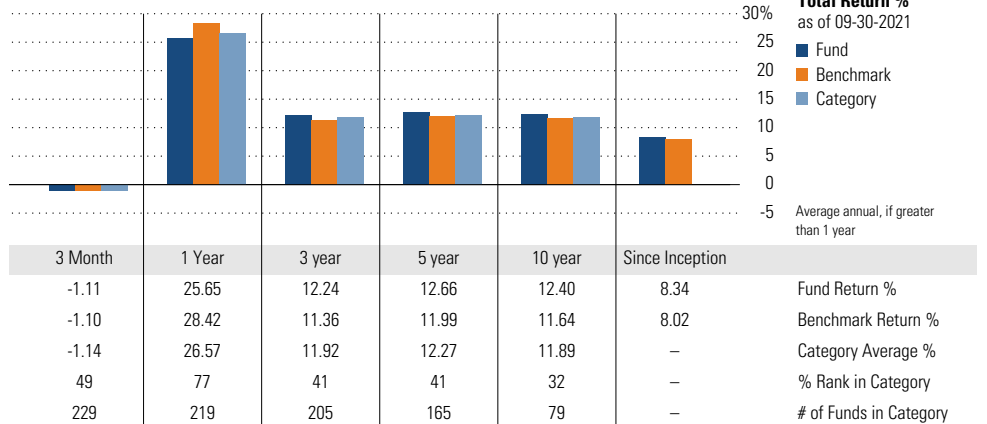
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	10-08-2021
Sustainability Rating	3	08-31-2021
Carbon Risk Score	Low Risk	06-30-2021

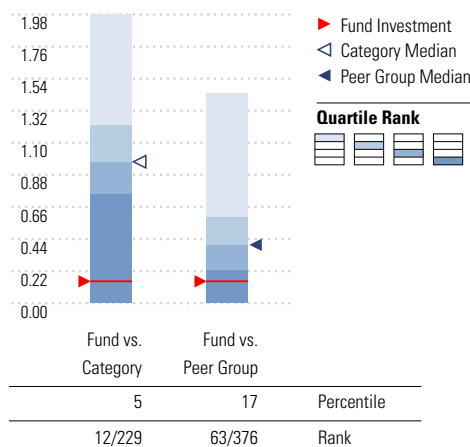
## Growth of \$10,000



## 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	1.25	-	0.91
Beta	0.95	-	0.96
R-Squared	99.35	-	98.71
Standard Deviation	16.87	17.66	17.00
Sharpe Ratio	0.71	0.64	0.69
Tracking Error	1.60	-	2.02
Information Ratio	0.55	-	0.30
Up Capture Ratio	99.51	-	98.97
Down Capture Ratio	95.02	-	95.85

## Portfolio Metrics

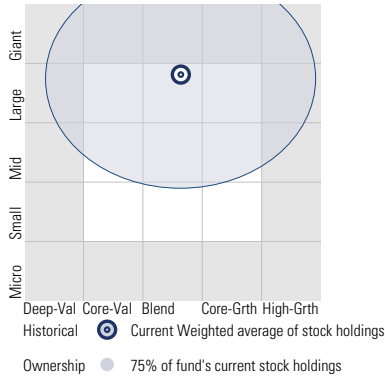
	Fund	Bmark	Cat
Price/Earnings Ratio	18.60	17.91	19.47
Price/Book Ratio	2.66	2.45	2.78
Avg Eff Duration	7.34	-	6.89

# Vanguard Target Retirement 2050 Inv VFIFX

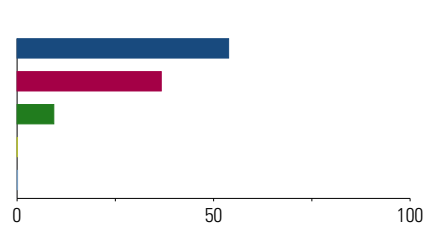
**Morningstar Category**  
Target-Date 2050

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

**Style Analysis** as of 09-30-2021  
Morningstar Style Box™

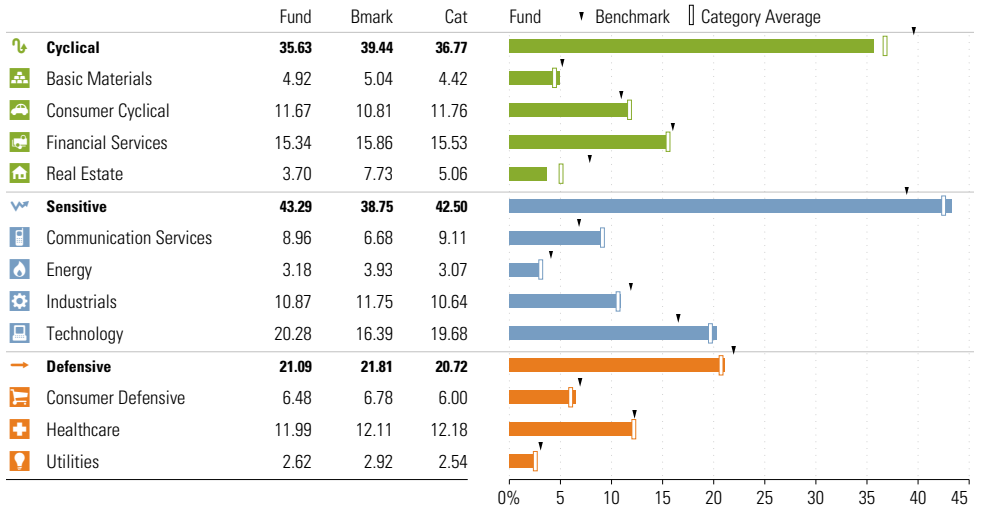


**Asset Allocation** as of 09-30-2021



Asset Class	Net %	Cat%
US Stocks	53.82	53.76
Non-US Stocks	36.68	30.29
Bonds	9.34	5.90
Cash	0.04	1.58
Other	0.12	8.48
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2021



**Style Breakdown**



**Top 6 Holdings** as of 09-30-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	-	53.99	53.99	-	-
⊖ Vanguard Total Intl Stock Index Inv	-	36.58	90.57	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	6.35	96.92	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	3.02	99.94	-	-
⊕ Vanguard Total Intl Bd II Idx Investor	-	0.08	100.02	-	-
⊖ Us Dollar	-	0.02	100.04	-	-

**Total Holdings 6**

⊕ 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 8.61 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.15 is 79.17% lower than the Target-Date 2055 category average.

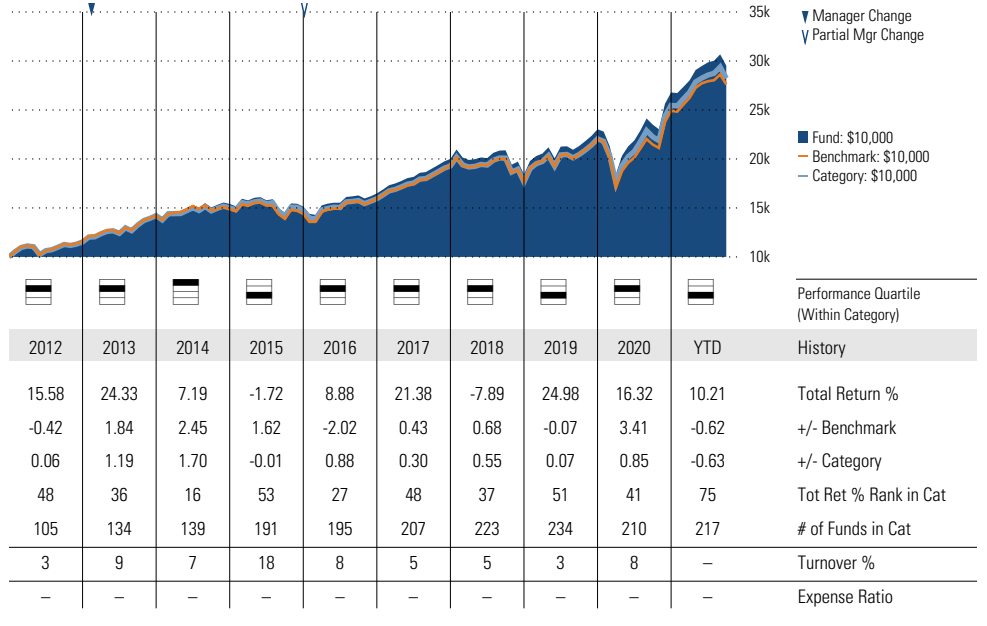
## Morningstar Investment Management LLC Analysis

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.

## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	10-08-2021
Sustainability Rating	3	08-31-2021
Carbon Risk Score	Low Risk	06-30-2021

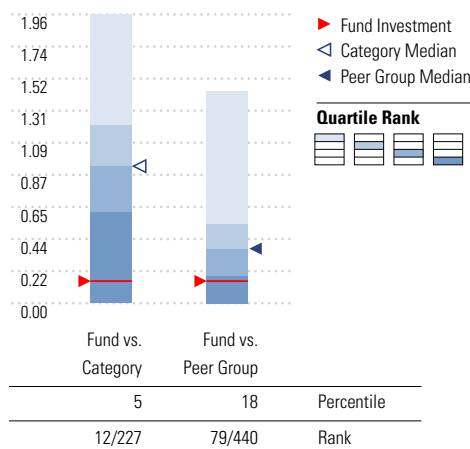
## Growth of \$10,000



## 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	1.32	-	0.98
Beta	0.95	-	0.96
R-Squared	99.31	-	98.68
Standard Deviation	16.87	17.74	17.15
Sharpe Ratio	0.71	0.63	0.69
Tracking Error	1.68	-	2.03
Information Ratio	0.54	-	0.35
Up Capture Ratio	99.23	-	99.70
Down Capture Ratio	94.50	-	96.39

## Portfolio Metrics

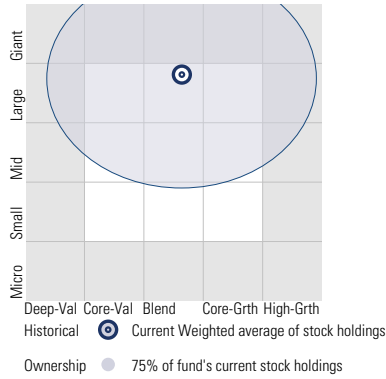
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.60	17.80	19.31
Price/Book Ratio	2.66	2.43	2.74
Avg Eff Duration	7.30	-	6.78

# Vanguard Target Retirement 2055 Inv VFFVX

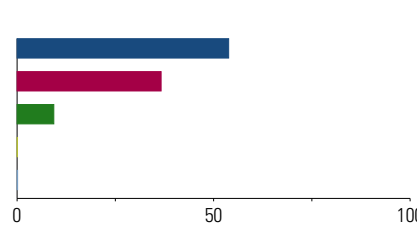
**Morningstar Category**  
Target-Date 2055

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

**Style Analysis** as of 09-30-2021  
Morningstar Style Box™

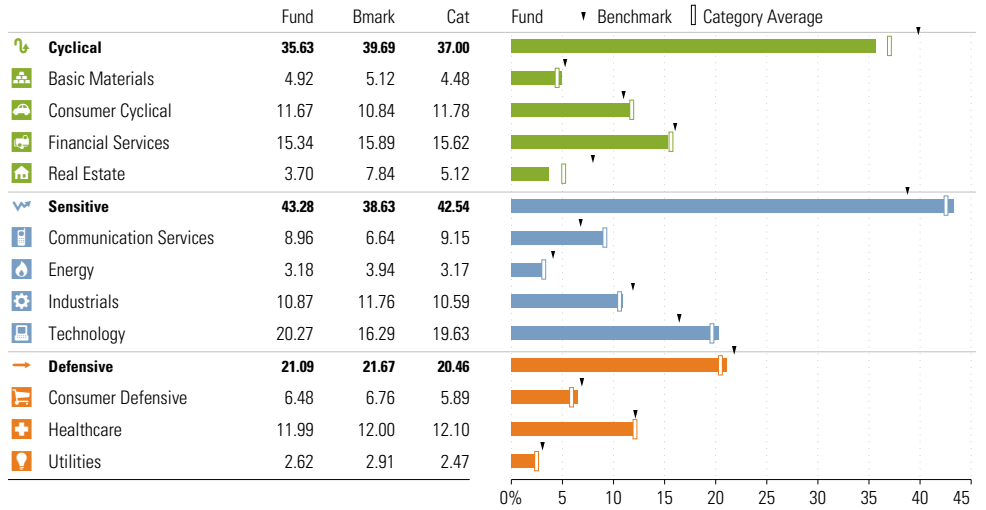


**Asset Allocation** as of 09-30-2021

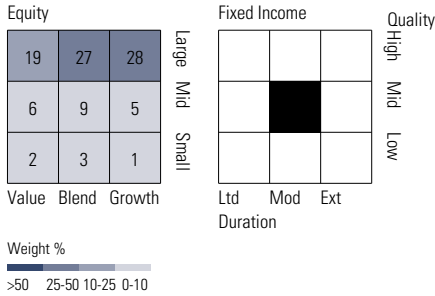


Asset Class	Net %	Cat%
US Stocks	53.83	54.41
Non-US Stocks	36.64	32.87
Bonds	9.34	4.74
Cash	0.07	1.72
Other	0.13	6.25
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2021



**Style Breakdown**



**Top 6 Holdings** as of 09-30-2021

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	-	36.54	90.53	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	6.47	97.00	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	2.79	99.79	-	-
⊕ Vanguard Total Intl Bd II Idx Investor	-	0.20	99.99	-	-
⊕ Us Dollar	-	0.01	100.00	-	-

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2060 Inv VTTSX

**Morningstar Category**  
Target-Date 2060

**Morningstar Index**  
Morningstar Mod Tgt Risk 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 9 years it's been in existence.

✔ **Management:** The fund's management has been in place for 8.61 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.15 is 79.17% lower than the Target-Date 2060 category average.

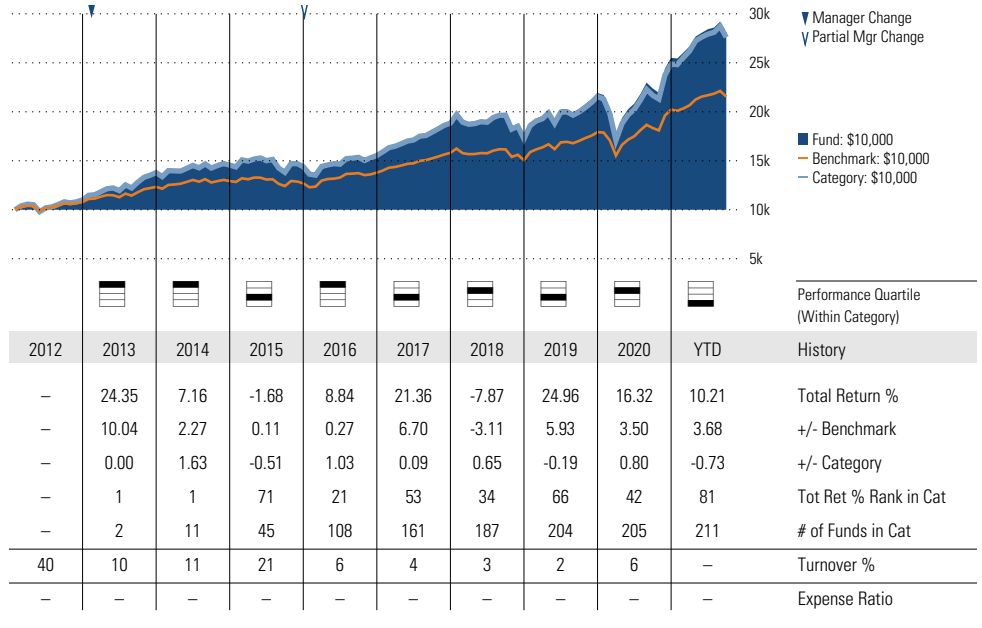
## Morningstar Investment Management LLC Analysis

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.

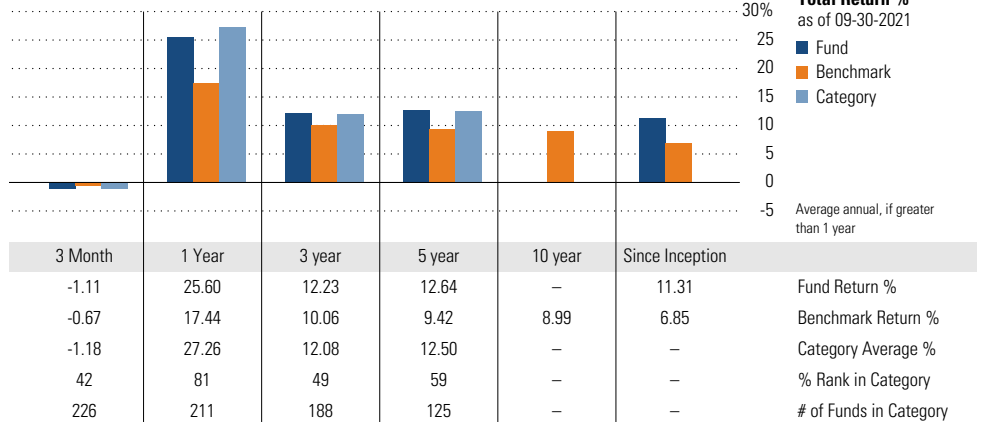
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	10-08-2021
Sustainability Rating	3	08-31-2021
Carbon Risk Score	Low Risk	06-30-2021

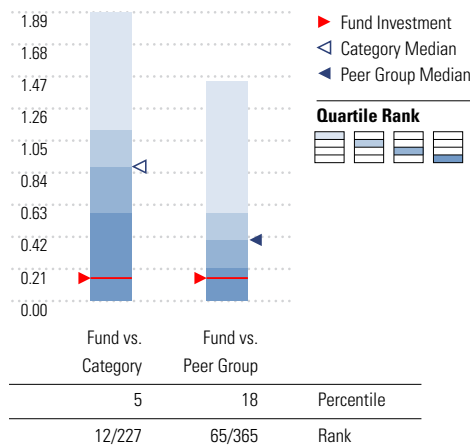
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-1.97	-	-2.40
Beta	1.46	-	1.49
R-Squared	99.03	-	98.16
Standard Deviation	16.86	11.52	17.28
Sharpe Ratio	0.71	0.80	0.68
Tracking Error	5.51	-	6.09
Information Ratio	0.39	-	0.33
Up Capture Ratio	140.97	-	142.50
Down Capture Ratio	156.26	-	160.59

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.61	17.61	19.29
Price/Book Ratio	2.66	2.39	2.78
Avg Eff Duration	7.26	-	6.83

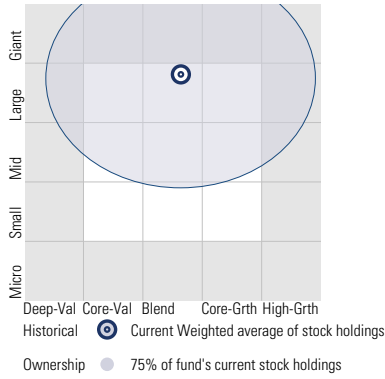
# Vanguard Target Retirement 2060 Inv VTTSX

**Morningstar Category**  
Target-Date 2060

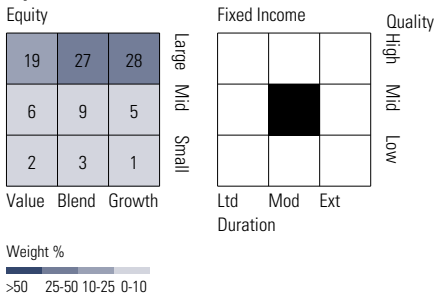
**Morningstar Index**  
Morningstar Mod Tgt Risk TR USD

## Style Analysis as of 09-30-2021

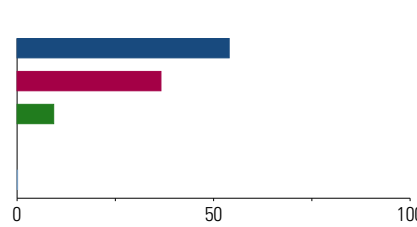
Morningstar Style Box™



## Style Breakdown

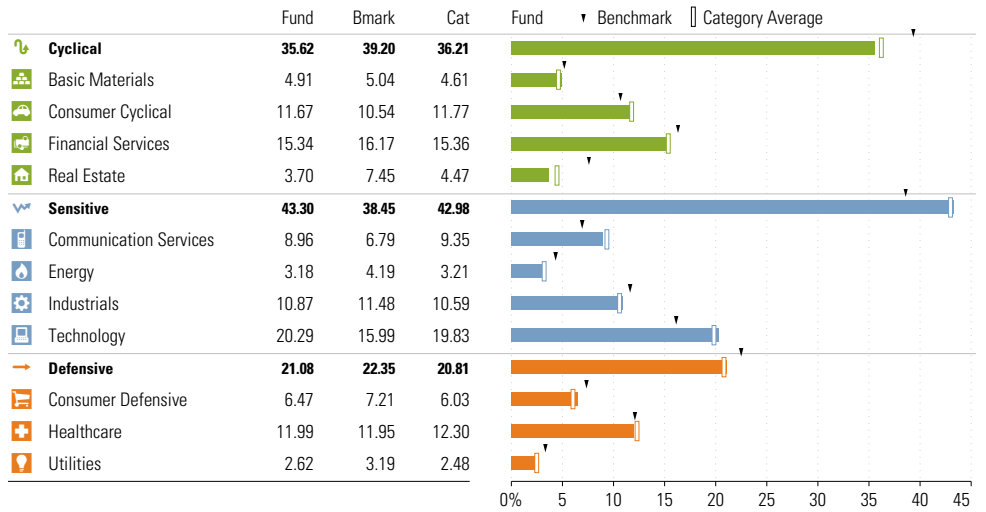


## Asset Allocation as of 09-30-2021



Asset Class	Net %	Cat%
US Stocks	53.96	54.84
Non-US Stocks	36.60	33.84
Bonds	9.31	5.72
Cash	0.00	1.63
Other	0.13	3.97
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2021



## Top 6 Holdings as of 09-30-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	-	54.13	54.13	-	-
⊖ Vanguard Total Intl Stock Index Inv	-	36.50	90.63	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	6.59	97.22	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	2.43	99.65	-	-
⊕ Vanguard Total Intl Bd II Idx Investor	-	0.40	100.06	-	-
⊖ Us Dollar	-	0.06	100.11	-	-

## Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2065 Inv VLXVX

**Morningstar Category**  
Target-Date 2065+

**Morningstar Index**  
Morningstar Mod Tgt Risk 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 2065+ category's top three quartiles in 2 of the 4 years it's been in existence.

✔ **Management:** The fund's management has been in place for 4.22 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.15 is 78.87% lower than the Target-Date 2065+ category average.

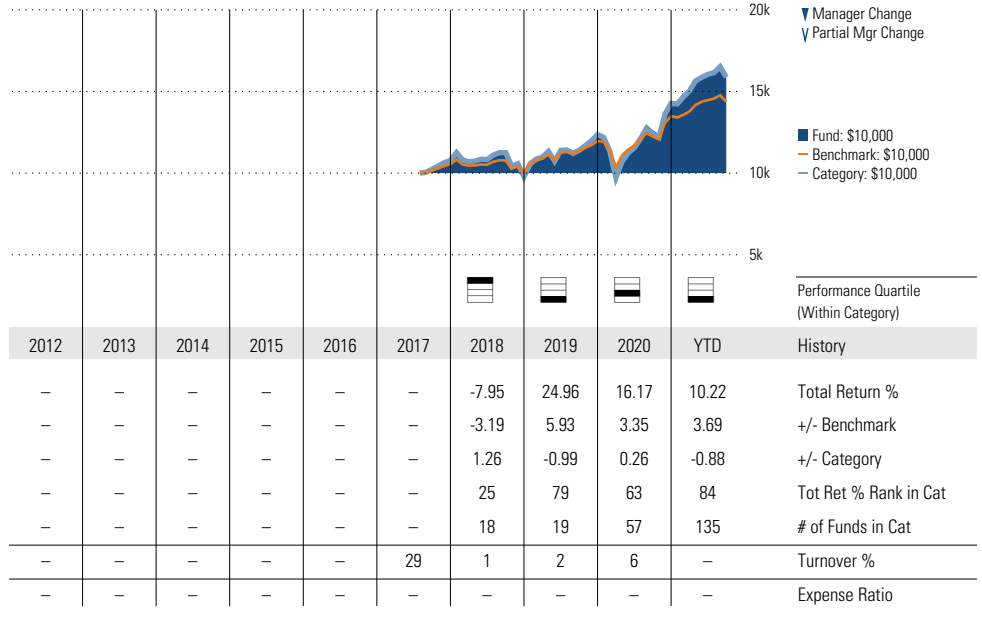
## Morningstar Investment Management LLC Analysis

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.

## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	10-08-2021
Sustainability Rating	3	08-31-2021
Carbon Risk Score	Low Risk	06-30-2021

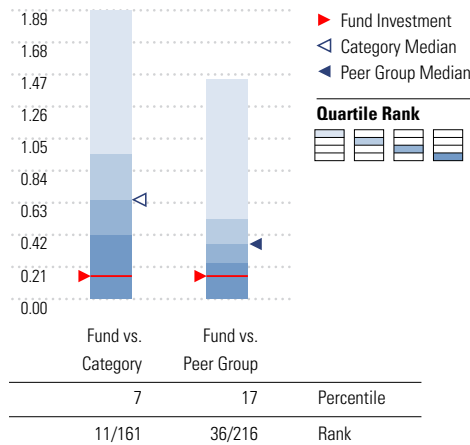
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-2.03	-	-3.19
Beta	1.46	-	1.55
R-Squared	99.06	-	97.97
Standard Deviation	16.88	11.52	18.07
Sharpe Ratio	0.70	0.80	0.65
Tracking Error	5.53	-	6.87
Information Ratio	0.38	-	0.25
Up Capture Ratio	140.95	-	145.50
Down Capture Ratio	156.56	-	168.03

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.62	17.61	18.97
Price/Book Ratio	2.66	2.39	2.74
Avg Eff Duration	7.18	-	6.62

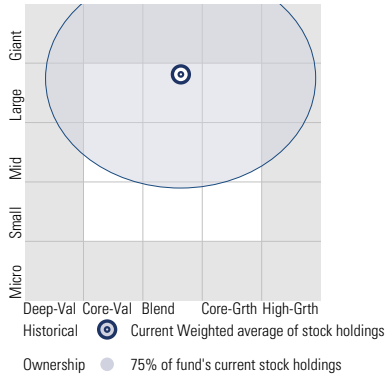
# Vanguard Target Retirement 2065 Inv VLXVX

**Morningstar Category**  
Target-Date 2065+

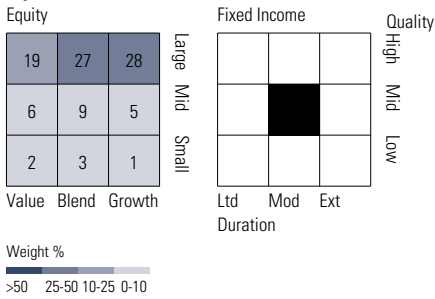
**Morningstar Index**  
Morningstar Mod Tgt Risk TR USD

## Style Analysis as of 09-30-2021

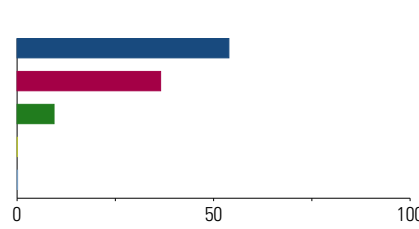
Morningstar Style Box™



## Style Breakdown

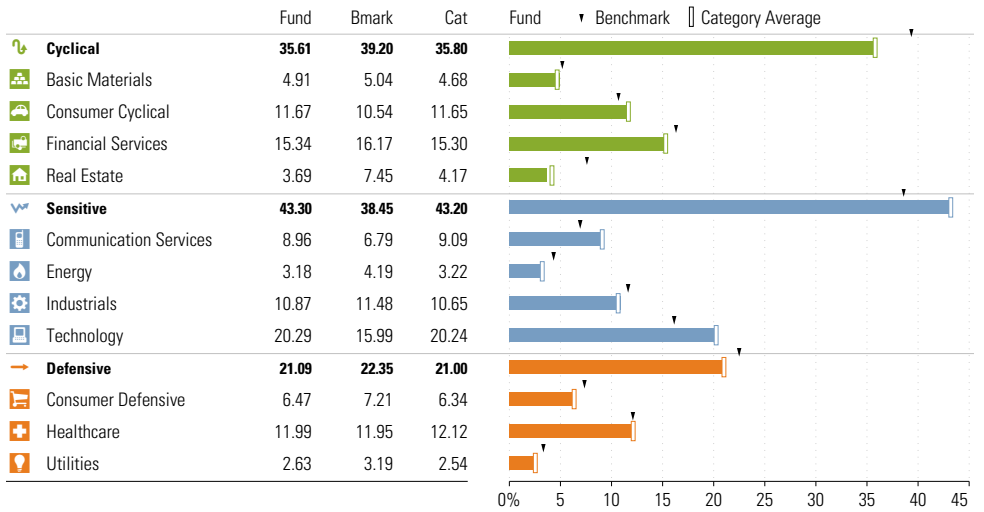


## Asset Allocation as of 09-30-2021



Asset Class	Net %	Cat%
US Stocks	53.89	53.68
Non-US Stocks	36.52	33.51
Bonds	9.40	6.92
Cash	0.07	0.87
Other	0.13	5.02
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2021



## Top 6 Holdings as of 09-30-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	54.06	54.06	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	36.42	90.48	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	6.96	97.44	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	1.97	99.41	-	-
⊕ Vanguard Total Intl Bd II Idx Investor	-	0.58	99.99	-	-
⊕ Us Dollar	-	0.01	100.00	-	-

## Total Holdings 6

⊕ 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 8.61 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.12 is 82.61% lower than the Target-Date Retirement category average.

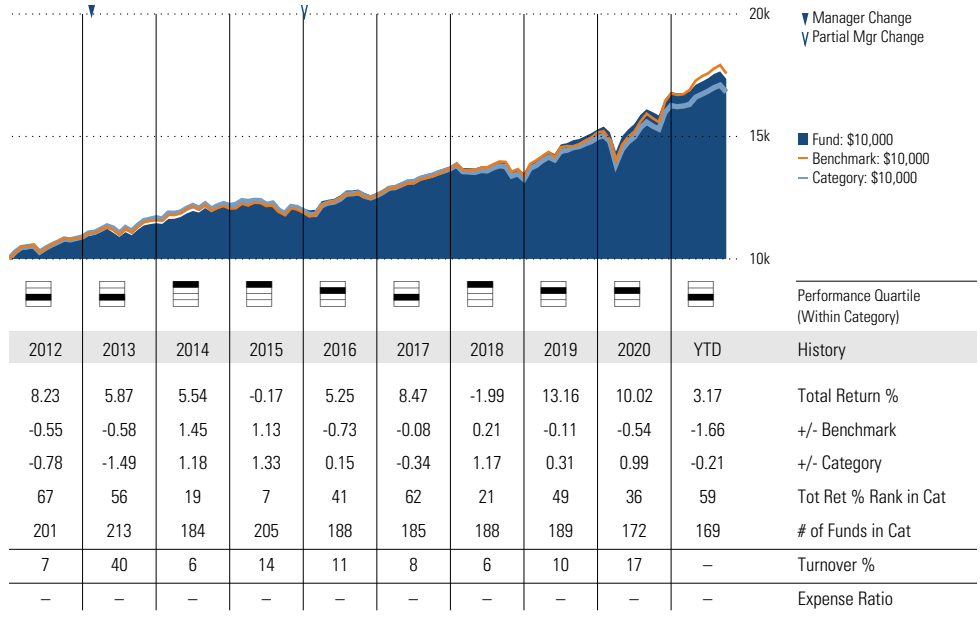
## Morningstar Investment Management LLC Analysis

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.

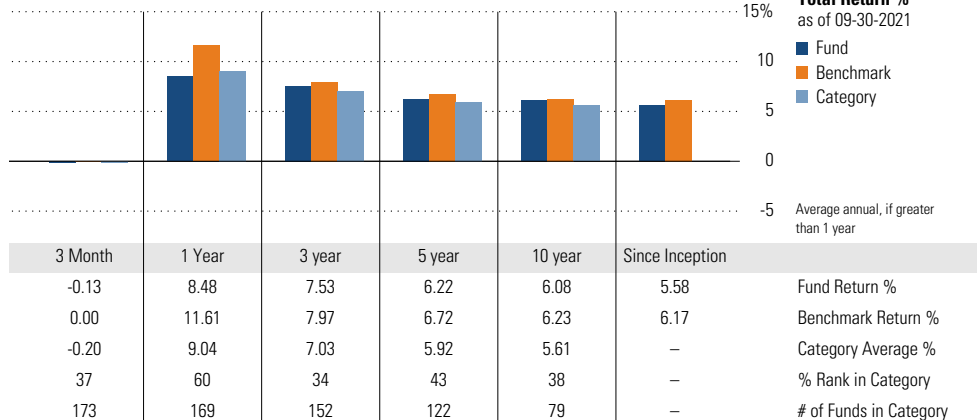
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	10-08-2021

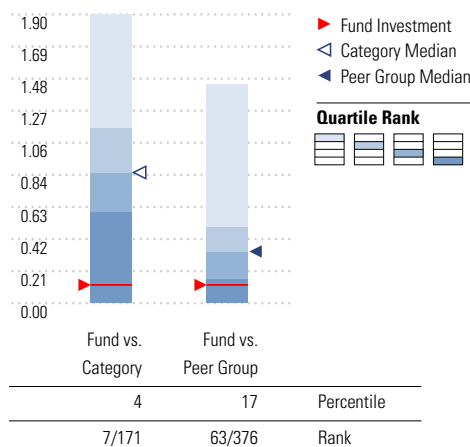
## Growth of \$10,000



## 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	0.80	-	-0.38
Beta	0.84	-	0.93
R-Squared	97.51	-	94.07
Standard Deviation	6.25	7.35	7.02
Sharpe Ratio	1.02	0.93	0.86
Tracking Error	1.54	-	2.17
Information Ratio	-0.29	-	-0.39
Up Capture Ratio	85.89	-	87.60
Down Capture Ratio	75.89	-	87.51

## Portfolio Metrics

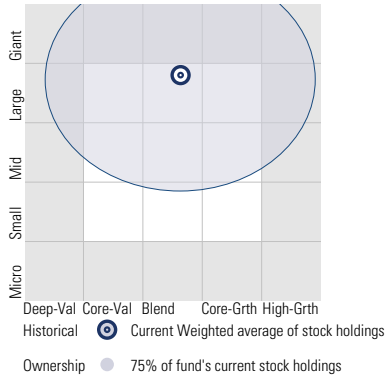
	Fund	Bmark	Cat
Price/Earnings Ratio	18.42	19.35	19.02
Price/Book Ratio	2.65	2.72	2.66
Avg Eff Duration	6.18	-	6.76

# Vanguard Target Retirement Income Inv VTINX

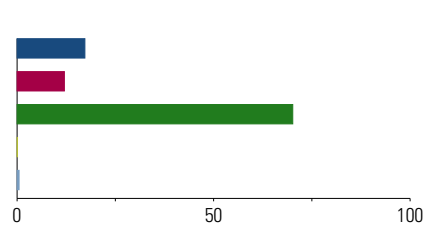
**Morningstar Category**  
Target-Date Retirement

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

**Style Analysis** as of 09-30-2021  
Morningstar Style Box™

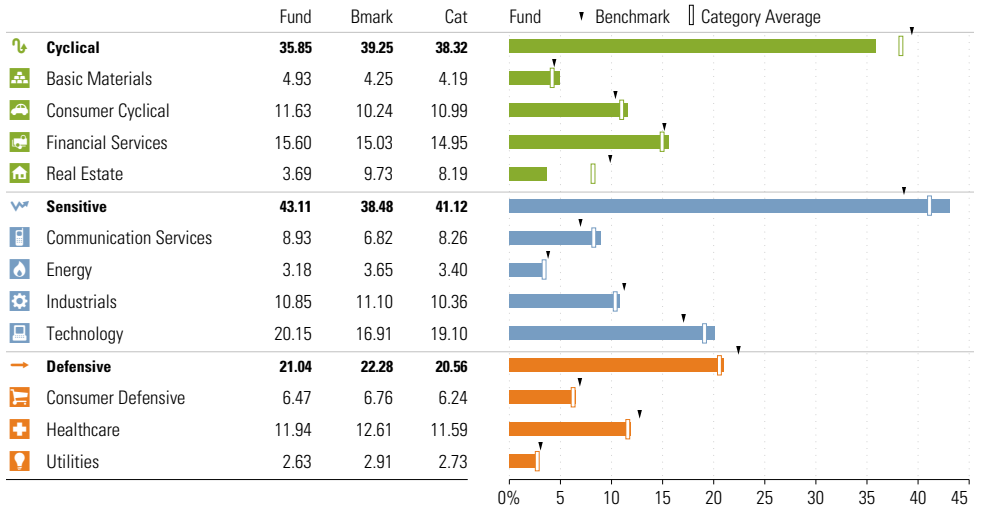


**Asset Allocation** as of 09-30-2021

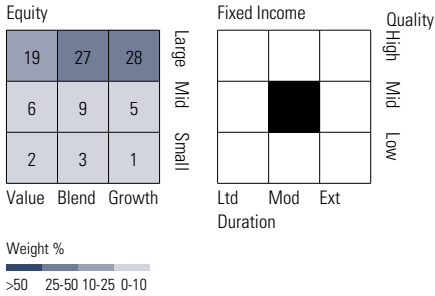


Asset Class	Net %	Cat%
US Stocks	17.25	17.54
Non-US Stocks	12.03	9.45
Bonds	70.14	53.91
Cash	0.08	5.65
Other	0.50	13.44
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2021



**Style Breakdown**



**Top 7 Holdings** as of 09-30-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	-	37.44	37.44	-	-
⊖ Vanguard Total Stock Mkt Idx Inv	-	17.30	54.74	-	-
⊖ Vanguard Shrt-Term Infl-Prot Sec Idx Inv	-	17.11	71.85	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	16.10	87.95	-	-
⊖ Vanguard Total Intl Stock Index Inv	-	11.91	99.86	-	-
⊕ Vanguard Total Intl Bd II Idx Investor	-	0.16	100.02	-	-
⊖ Us Dollar	-	0.02	100.04	-	-

**Total Holdings 7**

⊕ Increase ⊖ Decrease ✨ New to Portfolio