

# American Funds American Balanced R6 RLBGX

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

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 22.76 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 0.26 is 75.47% lower than the Allocation--50% to 70% Equity category average.

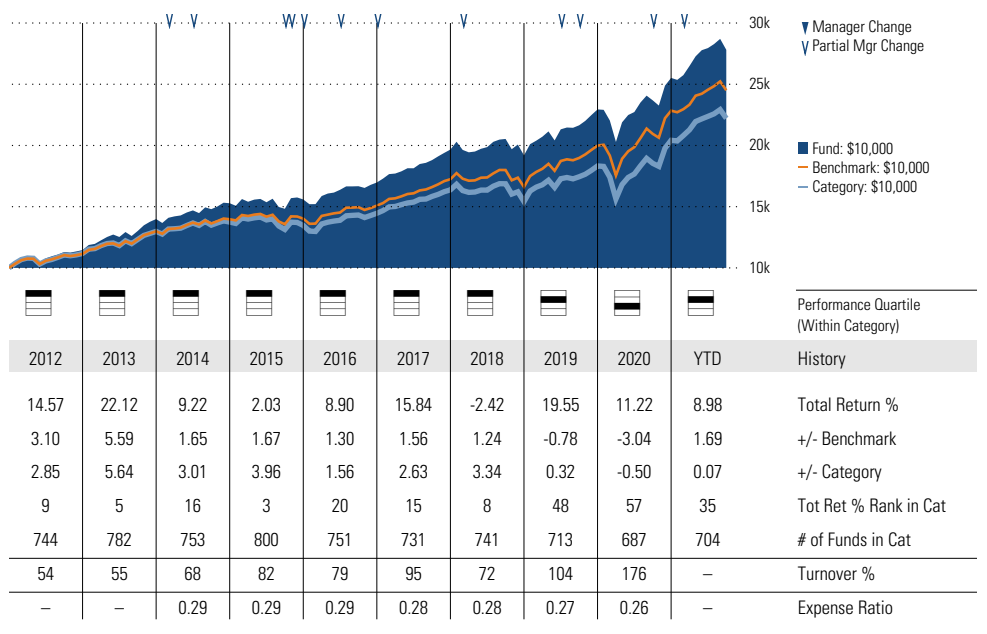
## Morningstar Investment Management LLC Analysis

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

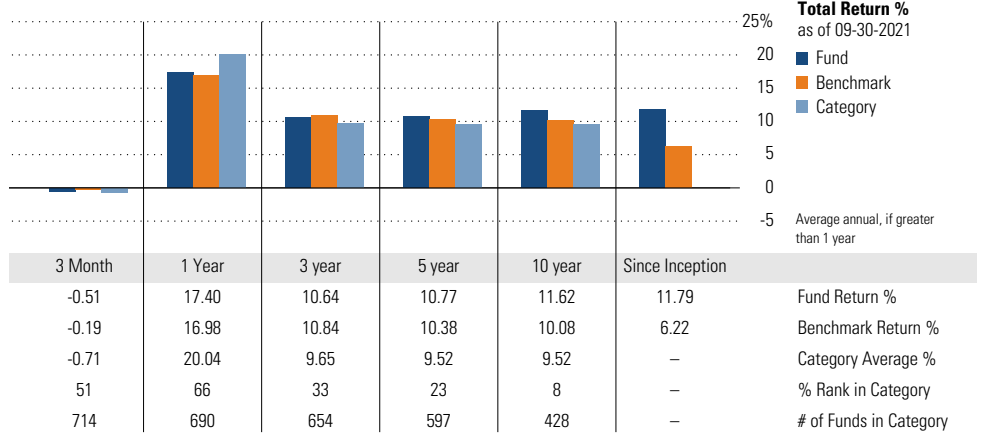
## ESG Metrics

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

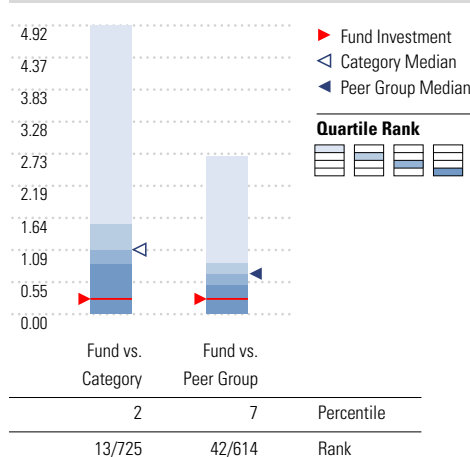
## Growth of \$10,000



## 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	0.41	-	-1.48
Beta	0.94	-	1.06
R-Squared	97.50	-	94.44
Standard Deviation	10.98	11.52	12.60
Sharpe Ratio	0.88	0.86	0.73
Tracking Error	1.86	-	3.16
Information Ratio	-0.11	-	-0.34
Up Capture Ratio	96.83	-	100.24
Down Capture Ratio	95.64	-	108.89

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	20.23	20.74	21.16
Price/Book Ratio	3.52	3.20	3.19
Avg Eff Duration	6.01	6.25	4.95

# American Funds American Balanced R6 RLBGX

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

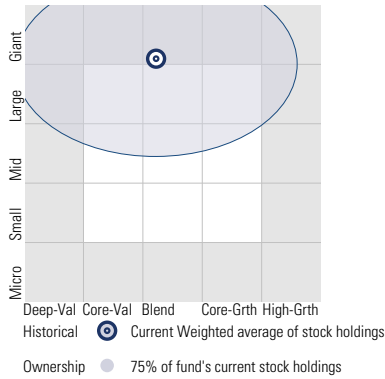
**Morningstar Index**

Morningstar US Mod Tgt Alloc NR USD

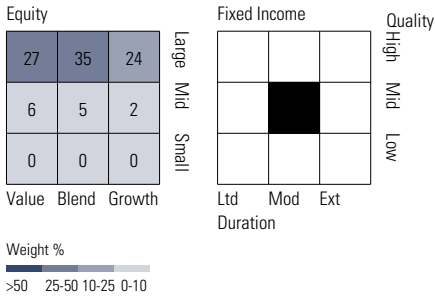
Equity

## Style Analysis as of 09-30-2021

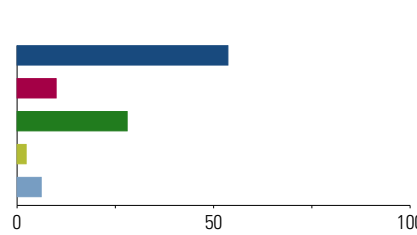
Morningstar Style Box™



## Style Breakdown

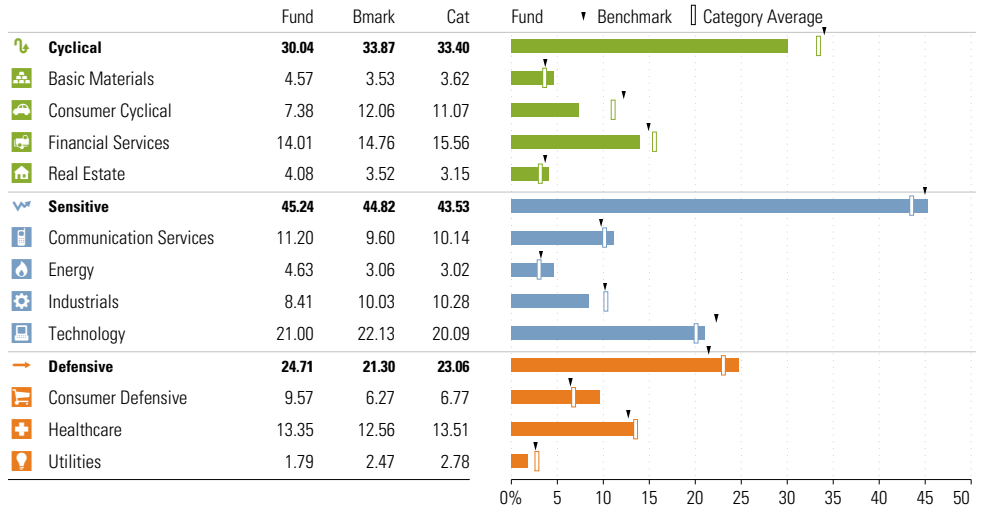


## Asset Allocation as of 09-30-2021



Asset Class	Net %	Cat%
US Stocks	53.64	49.82
Non-US Stocks	9.93	12.52
Bonds	28.00	30.07
Cash	2.30	4.36
Other	6.13	3.22
<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
Capital Group Central Cash Fund	—	7.02	7.02	—	—
Cap Grp Cent Fd Ser Ii	—	5.52	12.54	—	—
Cash And Other Assets Less Liabilities	—	4.75	17.30	—	—
Microsoft Corp	—	4.06	21.36	27.51	Technology
United States Treasury Notes 0.13%	04-2026	3.05	24.41	—	—
Broadcom Inc	—	2.51	26.93	13.22	Technology
Federal National Mortgage Association 2.5%	12-2051	1.96	28.89	—	—
UnitedHealth Group Inc	—	1.93	30.81	12.61	Healthcare
Philip Morris International Inc	—	1.78	32.59	18.90	Consumer Defensive
Comcast Corp Class A	—	1.66	34.25	8.13	Communication Svc

**Total Holdings 1768**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# American Funds Intl Gr and Inc R6 RIGGX

**Morningstar Category**  
Foreign Large Blend

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

## Portfolio Manager(s)

Andrew Suzman since 10-2008  
 Steven Watson since 10-2008  
 Patrice Collette since 09-2010  
 Leo Hee since 07-2015  
 Paul Flynn since 09-2017  
 Michael Cohen since 07-2018  
 Lisa Thompson since 09-2018

## Quantitative Screens

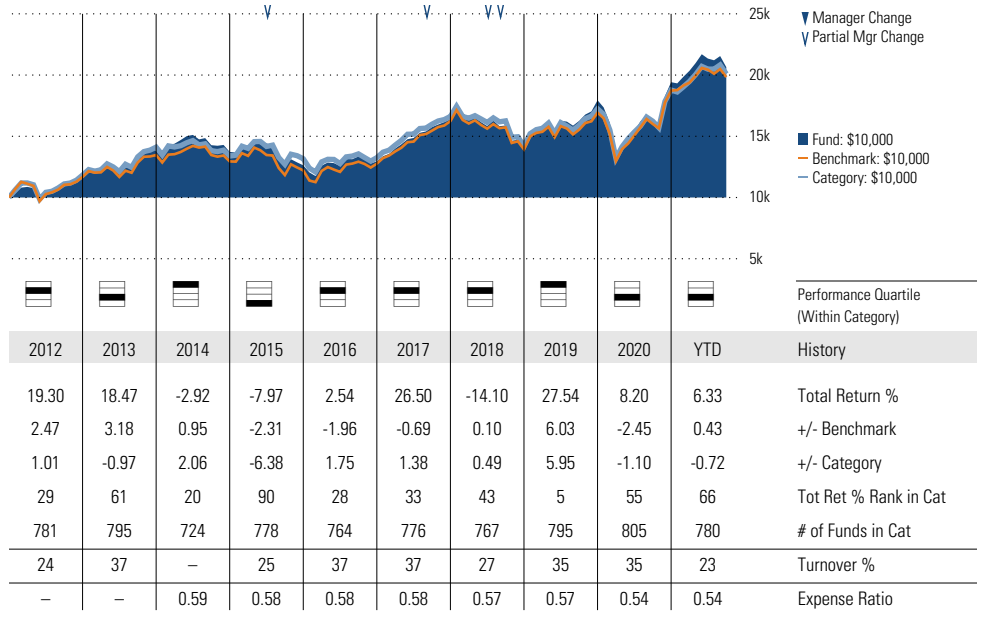
✔ **Performance:** The fund has finished in the Foreign Large Blend category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 13.01 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 0.54 is 41.94% lower than the Foreign Large Blend category average.

## Growth of \$10,000



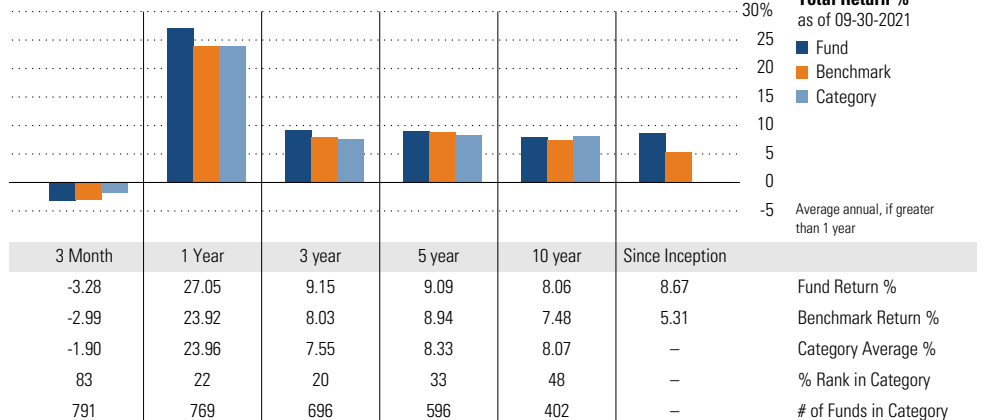
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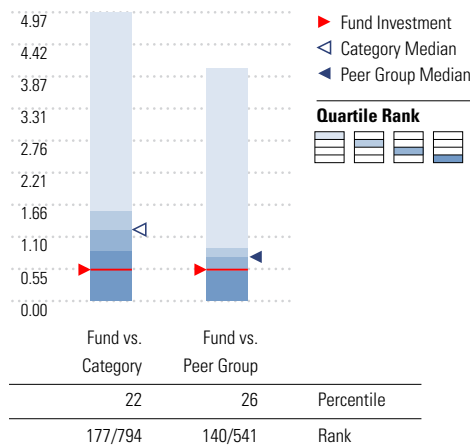
## ESG Metrics

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

## 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	0.61	-	-0.02
Beta	1.08	-	1.00
R-Squared	98.04	-	94.58
Standard Deviation	19.32	17.73	18.29
Sharpe Ratio	0.50	0.46	0.45
Tracking Error	3.05	-	4.31
Information Ratio	0.37	-	-0.01
Up Capture Ratio	107.74	-	100.18
Down Capture Ratio	105.20	-	100.74

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	16.63	14.84	14.52
Price/Book Ratio	2.01	1.86	1.93
Geom Avg Mkt Cap \$B	53.25	45.39	53.11
ROE	19.01	16.84	17.78

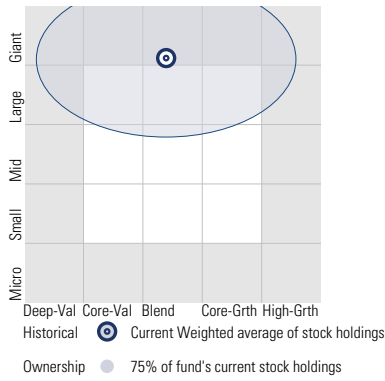
# American Funds Intl Gr and Inc R6 RIGGX

**Morningstar Category**  
Foreign Large Blend

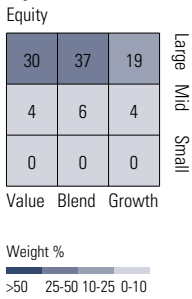
**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Style Analysis as of 09-30-2021

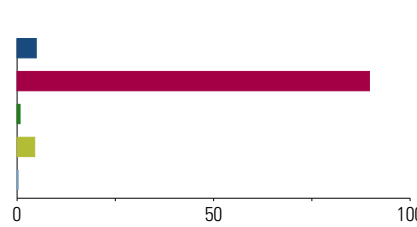
Morningstar Style Box™



## Style Breakdown

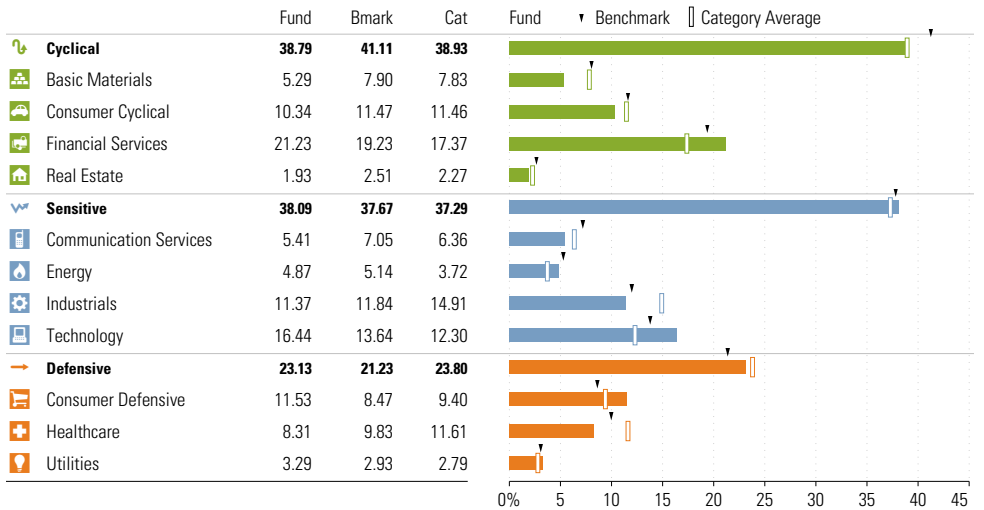


## Asset Allocation as of 09-30-2021



Asset Class	Net %	Cat%
US Stocks	4.87	2.96
Non-US Stocks	89.64	94.69
Bonds	0.75	0.35
Cash	4.48	2.22
Other	0.26	-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	28.05	36.36	Americas	12.37	7.71	Greater Europe	59.57	55.94	Developed Markets	83.82
Japan	5.72	19.24	North America	9.09	6.68	United Kingdom	14.12	12.60	Emerging Markets	16.18
Australasia	0.56	4.72	Central/Latin	3.28	1.03	W euro-ex UK	40.86	41.93	Not Available	0.00
Asia-4 Tigers	13.39	7.26				Emrgng Europe	4.14	0.55		
Asia-ex 4 Tigers	8.38	5.14				Africa	0.45	0.86		
Not Classified	0.00	0.00								

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

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash M	4.50	4.50	-	-
Taiwan Semiconductor Manufacturing Co Ltd	3.73	8.23	10.90	Technology
British American Tobacco PLC	2.56	10.80	2.13	Consumer Defensive
AstraZeneca PLC	2.47	13.27	25.07	Healthcare
ASML Holding NV	2.44	15.71	62.80	Technology
Evolution AB	1.98	17.68	59.77	Consumer Cyclical
Airbus SE	1.79	19.48	28.20	Industrials
Gazprom PJSC ADR	1.57	21.05	82.28	Energy
Philip Morris International Inc	1.52	22.57	18.90	Consumer Defensive
AIA Group Ltd	1.43	23.99	-4.31	Financial Services

**Total Holdings 246**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# American Funds New World R6 RNWGX

**Morningstar Category**  
Diversified Emerging Mkts  
**Morningstar Index**  
MSCI EM NR USD

## Portfolio Manager(s)

- Carl Kawaja since 06-1999
- Robert Lovelace since 06-1999
- Nicholas Grace since 01-2008
- Christopher Thomsen since 01-2009
- Winnie Kwan since 01-2009
- Tomonori Tani since 10-2013
- Jonathan Knowles since 01-2016
- Bradford Freer since 01-2017
- Lisa Thompson since 10-2019
- Kirstie Spence since 12-2019
- Akira Shiraishi since 01-2021
- Piyada Phanaphat since 01-2021

## Quantitative Screens

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

**Management:** The fund's management has been in place for 22.3 years.

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

**Net Expense:** The fund's expense ratio of 0.59 is 50.83% lower than the Diversified Emerging Mkts category average.

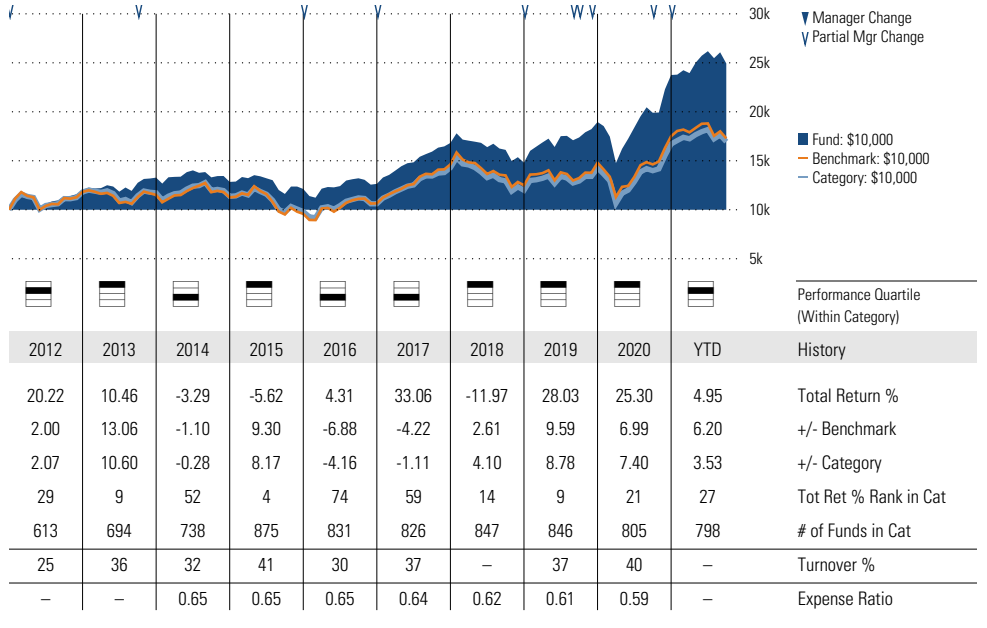
## Morningstar Investment Management LLC Analysis

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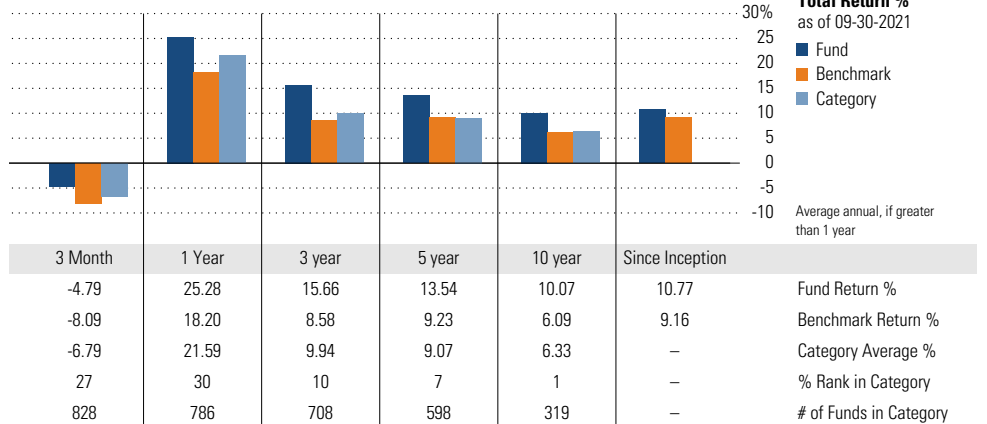
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	10-08-2021
Sustainability Rating	4	08-31-2021
Carbon Risk Score	Low Risk	06-30-2021

## Growth of \$10,000



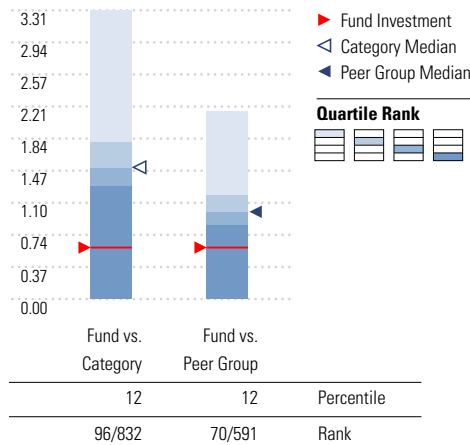
## Trailing Performance



## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	10-08-2021
Sustainability Rating	4	08-31-2021
Carbon Risk Score	Low Risk	06-30-2021

## 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	7.35	-	1.94
Beta	0.88	-	0.99
R-Squared	87.77	-	91.16
Standard Deviation	18.29	19.41	20.12
Sharpe Ratio	0.83	0.47	0.54
Tracking Error	6.79	-	5.76
Information Ratio	1.04	-	0.28
Up Capture Ratio	105.73	-	101.87
Down Capture Ratio	79.74	-	95.27

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	22.69	13.61	15.33
Price/Book Ratio	3.49	1.89	2.34
Geom Avg Mkt Cap \$B	65.25	44.21	55.97
ROE	17.59	17.56	18.76

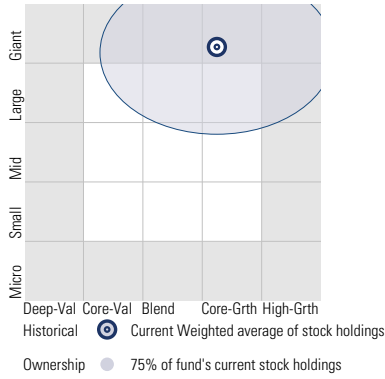
# American Funds New World R6 RNWGX

**Morningstar Category**  
Diversified Emerging Mkts

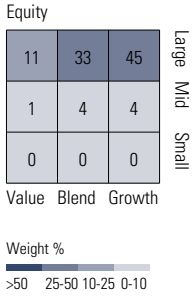
**Morningstar Index**  
MSCI EM NR USD

## Style Analysis as of 09-30-2021

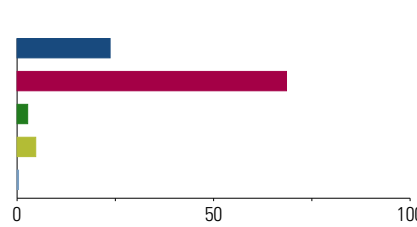
Morningstar Style Box™



## Style Breakdown

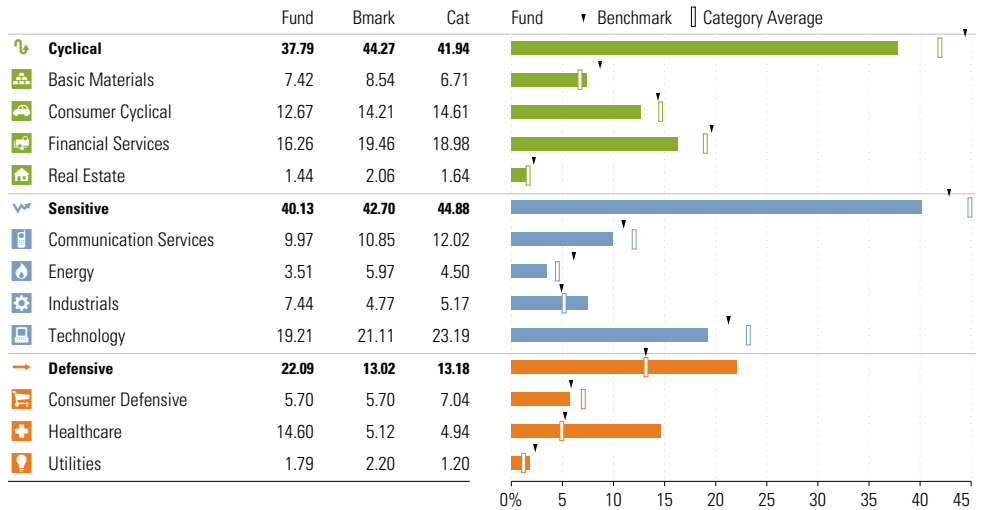


## Asset Allocation as of 09-30-2021



Asset Class	Net %	Cat%
US Stocks	23.66	3.08
Non-US Stocks	68.55	94.68
Bonds	2.69	-0.11
Cash	4.74	2.56
Other	0.36	-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	39.69	73.70	Americas	37.10	12.53	Greater Europe	23.22	13.77	Developed Markets	59.24
Japan	2.98	0.12	North America	26.90	2.75	United Kingdom	2.77	0.79	Emerging Markets	40.76
Australasia	0.63	0.05	Central/Latin	10.20	9.78	W euro-ex UK	16.62	2.27	Not Available	0.00
Asia-4 Tigers	8.65	27.27				Emrgng Europe	2.09	6.37		
Asia-ex 4 Tigers	27.43	46.26				Africa	1.74	4.34		
Not Classified	0.00	0.00								

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

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	4.73	4.73	-	-
Microsoft Corp	2.67	7.39	27.51	Technology
MercadoLibre Inc	2.25	9.64	0.25	Consumer Cyclical
Reliance Industries Ltd	2.04	11.68	27.21	Energy
Kotak Mahindra Bank Ltd	1.96	13.64	0.54	Financial Services
Sea Ltd ADR	1.89	15.53	60.13	Communication Svc
Taiwan Semiconductor Manufacturing Co Ltd	1.87	17.40	10.90	Technology
PayPal Holdings Inc	1.61	19.01	11.11	Financial Services
Kweichow Moutai Co Ltd	1.37	20.38	-7.54	Consumer Defensive
Silergy Corp	1.33	21.71	70.77	Technology

**Total Holdings 562**

⊕ 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.

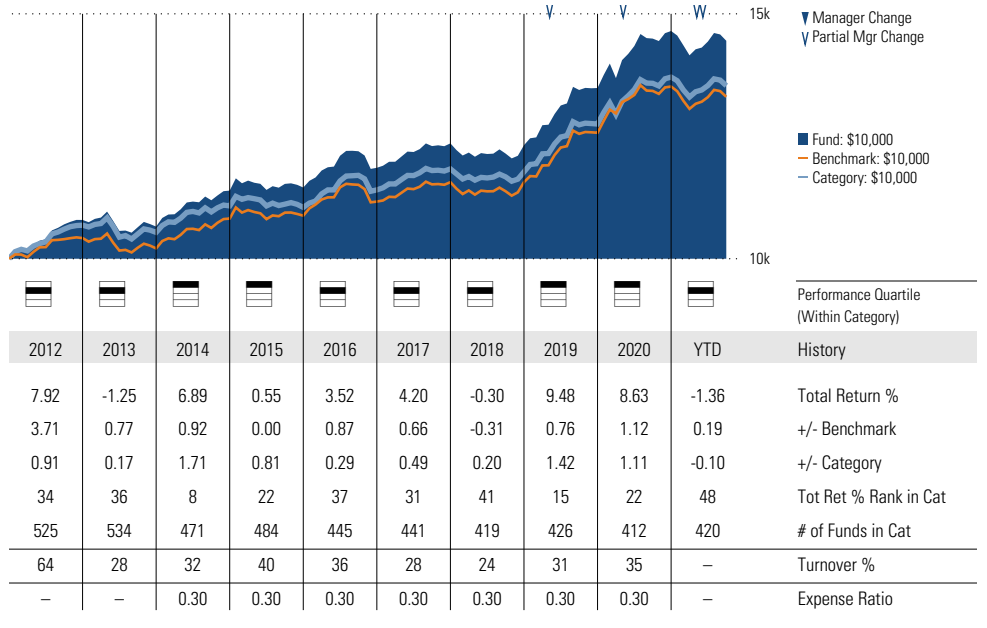
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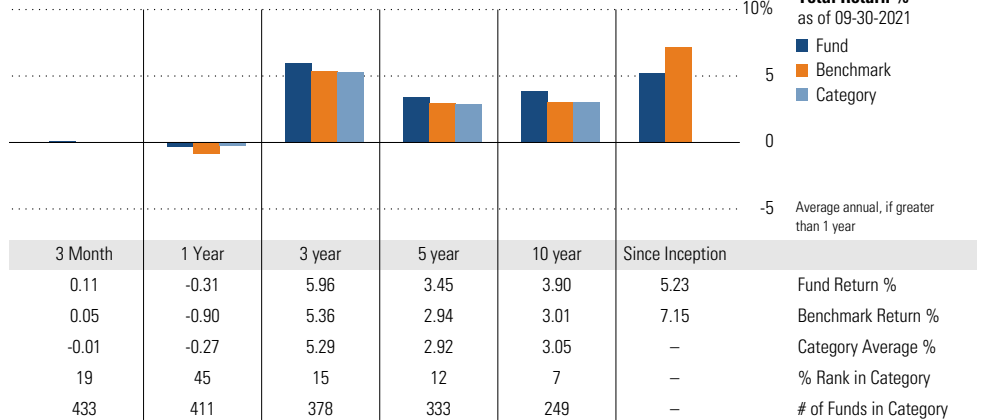
## ESG Metrics

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

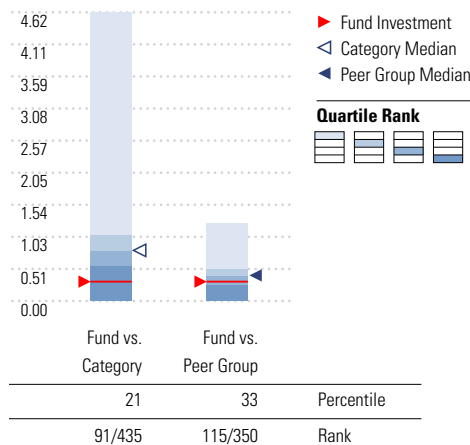
## Growth of \$10,000



## 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

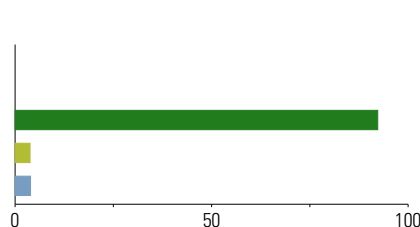
**Morningstar Index**  
BBgBarc US Agg Bond TR USD

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

**Style Breakdown**



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

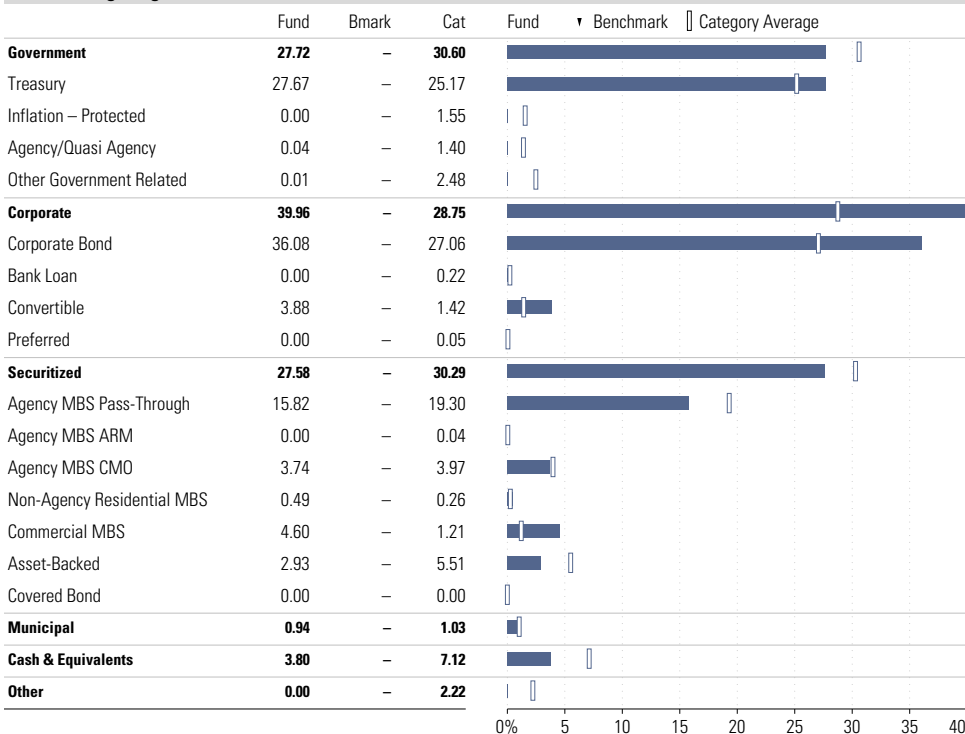


Asset Class	Net %	Cat%
US Stocks	0.00	0.04
Non-US Stocks	0.00	0.00
Bonds	92.27	96.10
Cash	3.80	1.66
Other	3.93	2.19
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**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



# DFA US Small Cap Value I DFSVX

**Morningstar Category**  
Small Value

**Morningstar Index**  
Russell 2000 Value TR USD

## Portfolio Manager(s)

Jed Fogdall since 02-2012  
Joel Schneider since 07-2015  
Marc Leblond since 02-2020

## 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 9.59 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.39 is 66.67% lower than the Small Value category average.

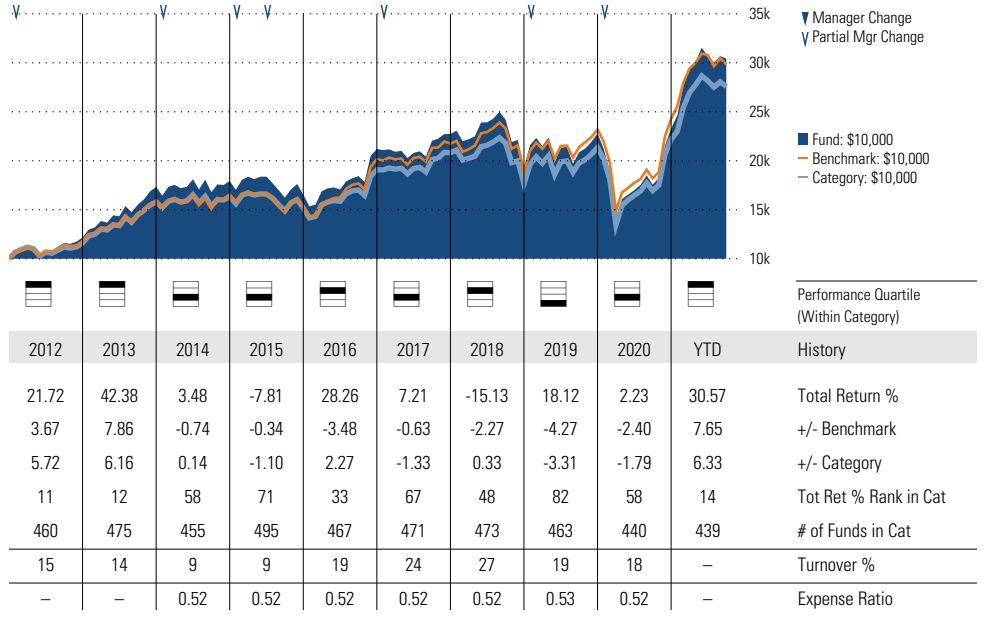
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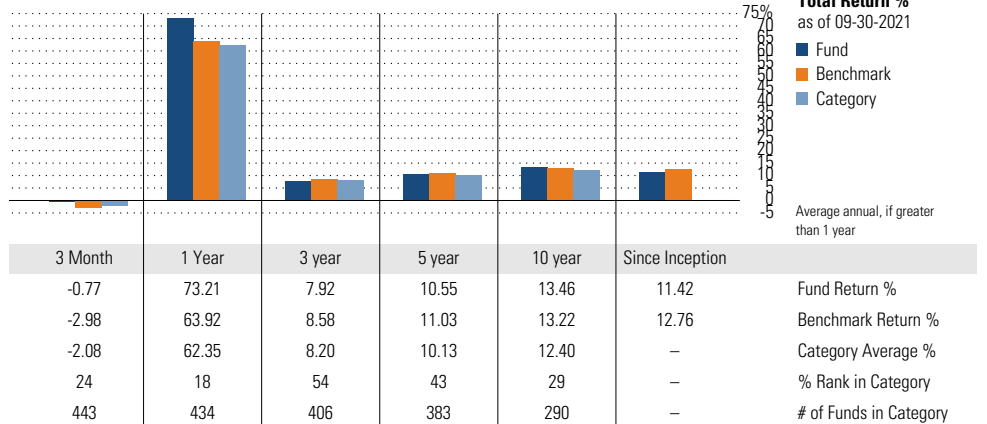
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	08-31-2021

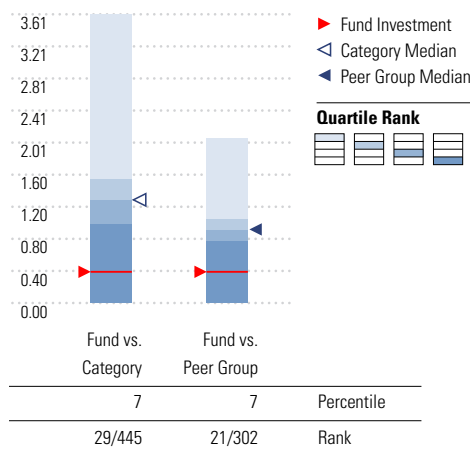
## Growth of \$10,000



## 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	-0.90	-	-0.23
Beta	1.10	-	1.02
R-Squared	98.11	-	95.76
Standard Deviation	29.85	26.99	28.02
Sharpe Ratio	0.37	0.40	0.39
Tracking Error	4.85	-	6.13
Information Ratio	-0.14	-	-0.08
Up Capture Ratio	110.29	-	101.34
Down Capture Ratio	113.92	-	102.72

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	11.39	12.57	13.85
Price/Book Ratio	1.30	1.56	1.69
Geom Avg Mkt Cap \$B	2.51	2.18	3.95
ROE	9.36	5.79	12.41

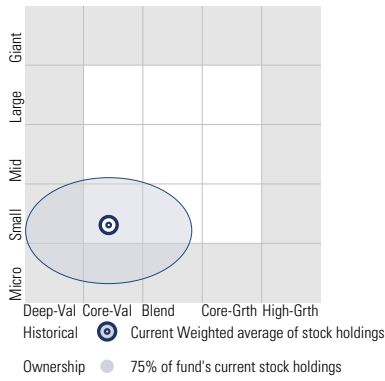
# DFA US Small Cap Value I DFSVX

**Morningstar Category**  
Small Value

**Morningstar Index**  
Russell 2000 Value TR USD

## Style Analysis as of 09-30-2021

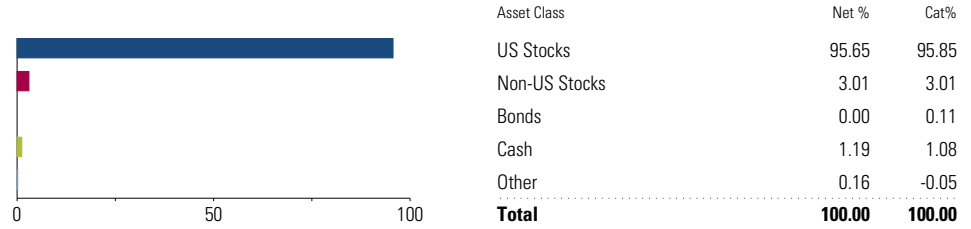
Morningstar Style Box™



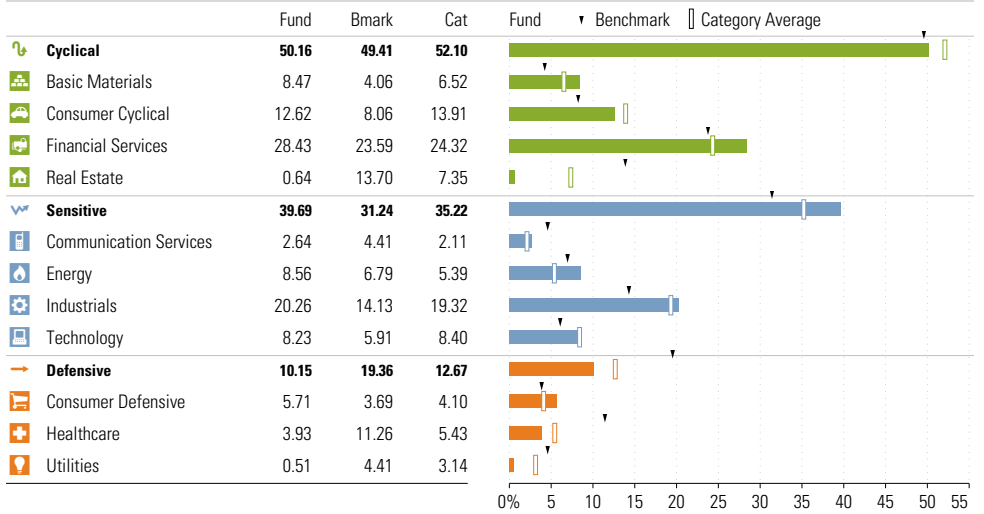
## Style Breakdown



## 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
⊕ S+p500 Emini Fut Dec21 Xcme 20211217	1.16	1.16	-	-
⊕ Ssc Government Mm Gvmxx	1.09	2.25	-	-
⊖ Amkor Technology Inc	0.91	3.17	66.25	Technology
⊖ Element Solutions Inc	0.85	4.02	23.24	Basic Materials
Regal Rexnord Corp	0.83	4.85	28.89	Industrials
⊕ Acadia Healthcare Co Inc	0.80	5.64	26.90	Healthcare
Valley National Bancorp	0.71	6.35	39.90	Financial Services
Sterling Bancorp	0.70	7.05	39.99	Financial Services
Popular Inc	0.70	7.75	40.22	Financial Services
PDC Energy Inc	0.68	8.43	132.00	Energy
⊕ Penske Automotive Group Inc	0.68	9.12	71.61	Consumer Cyclical
⊖ Alcoa Corp	0.66	9.78	112.32	Basic Materials
⊖ Olin Corp	0.65	10.42	98.90	Basic Materials
WESCO International Inc	0.63	11.05	46.90	Industrials
⊖ Bank OZK	0.63	11.68	40.14	Financial Services

**Total Holdings 1039**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Federated Hermes Govt Ultrashort R6 FGULX

**Morningstar Category**  
Ultrashort Bond

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

## Portfolio Manager(s)

Susan Hill since 07-1997

Liam O'Connell since 11-2010

## Quantitative Screens

✔ **Performance:** The fund has finished in the Ultrashort Bond category's top three quartiles in 4 of the 5 years it's been in existence.

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

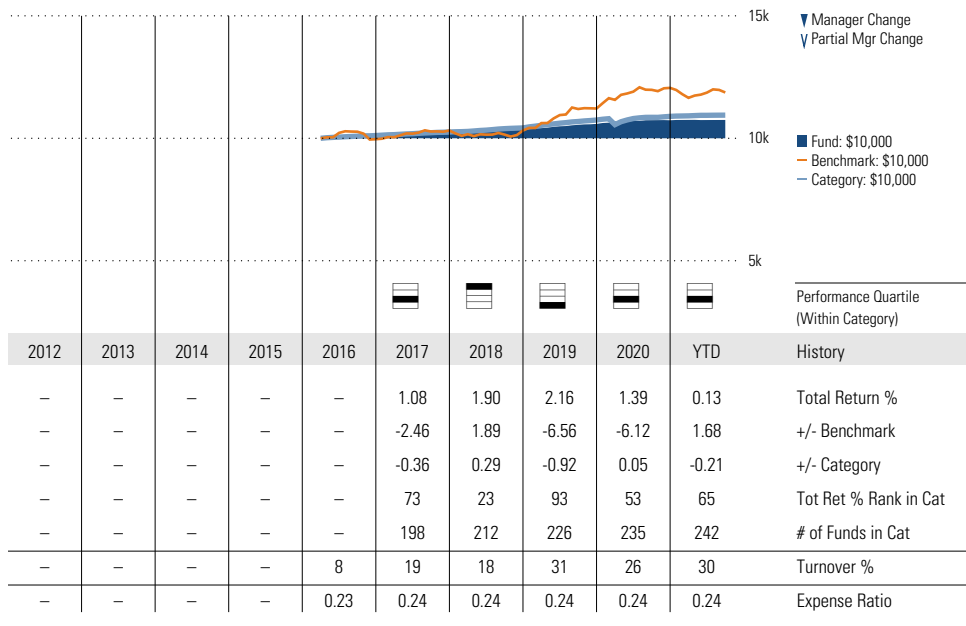
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.24 is 45.45% lower than the Ultrashort Bond category average.

## Morningstar Investment Management LLC Analysis

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

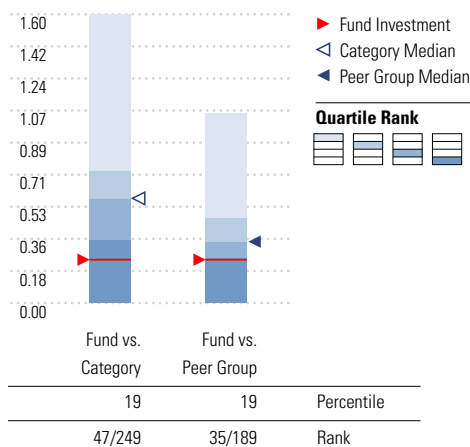
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.03	-	0.86
Beta	0.07	-	0.16
R-Squared	22.39	-	13.56
Standard Deviation	0.53	3.54	1.80
Sharpe Ratio	0.73	1.23	0.39
Tracking Error	3.33	-	3.61
Information Ratio	-1.19	-	-1.05
Up Capture Ratio	14.44	-	25.04
Down Capture Ratio	-9.87	-	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 R6 FGULX

**Morningstar Category**  
Ultrashort Bond

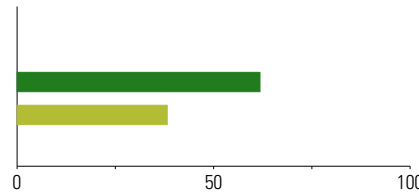
**Morningstar Index**  
BBgBarc US Agg Bond TR USD

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

**Style Breakdown**



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

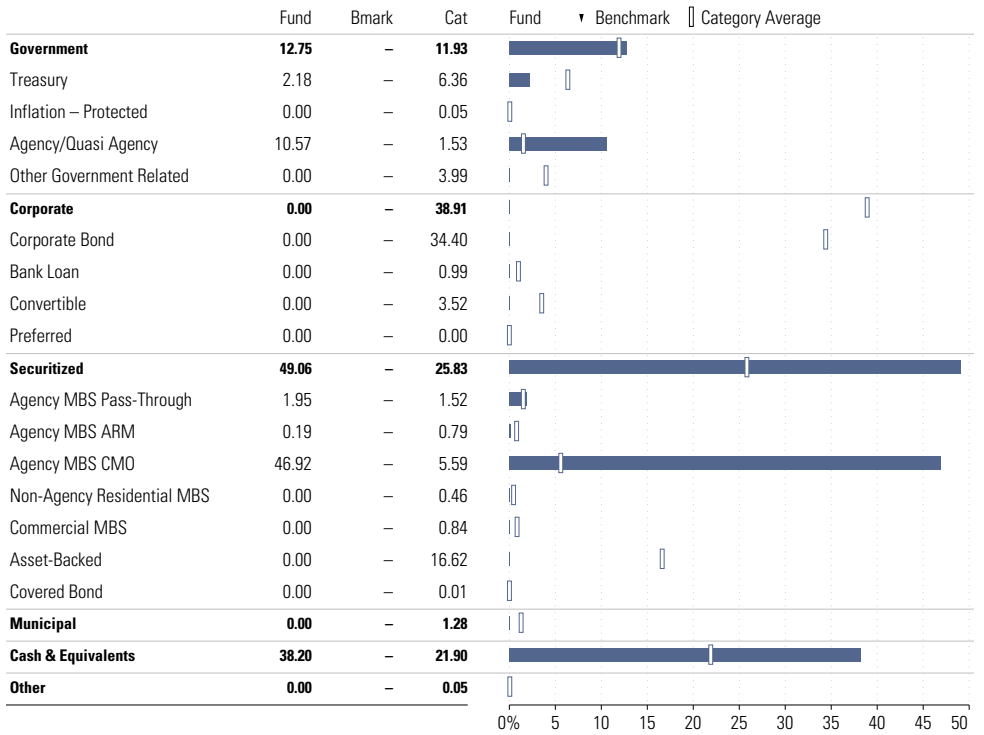


Asset Class	Net %	Cat%
US Stocks	0.00	0.08
Non-US Stocks	0.00	0.00
Bonds	61.80	75.39
Cash	38.20	20.66
Other	0.00	3.85
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**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

# Invesco Diversified Dividend R6 LCEFX

**Morningstar Category**  
 Large Value

**Morningstar Index**  
 Russell 1000 Value TR USD

## Portfolio Manager(s)

Robert Botard since 02-2014  
 Christopher McMeans since 02-2016  
 Caroline Le Feuvre since 06-2020  
 Peter Santoro since 03-2021

## Quantitative Screens

✔ **Performance:** The fund has finished in the Large Value category's top three quartiles in 7 of the 9 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.59 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.44 is 53.19% lower than the Large Value category average.

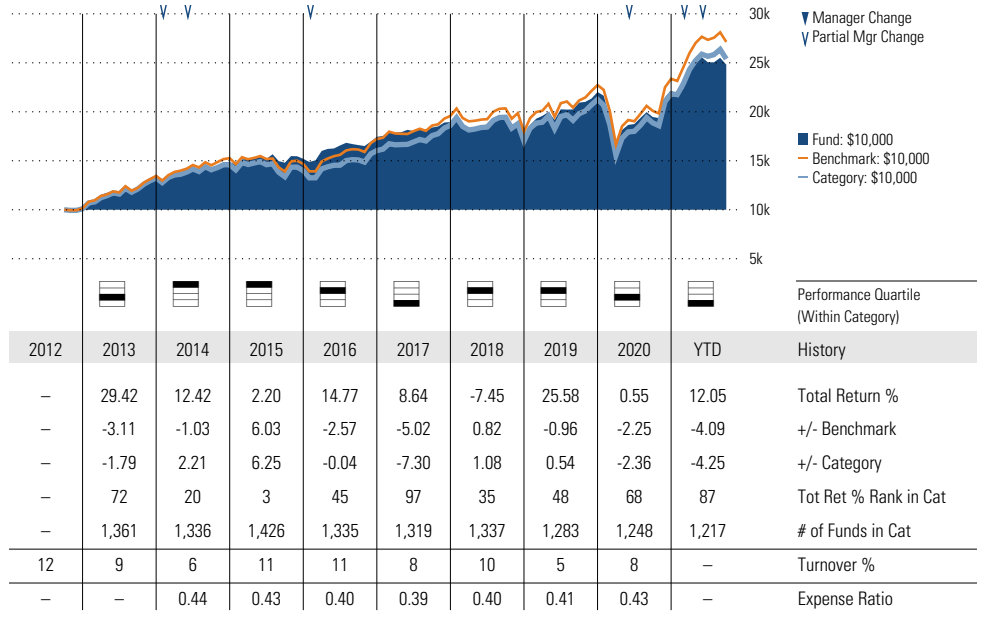
## Morningstar Investment Management LLC Analysis

We are placing Invesco Diversified Dividend on watch due to the pending retirement of long-time lead portfolio manager Meggan Walsh, who will retire on June 30, 2021. In anticipation of Walsh's retirement, Invesco hired Peter Santoro from Columbia Threadneedle as lead manager on this fund. Santoro has 25 years of experience under his belt and has previously worked on a dividend-oriented strategy, but he is new to Invesco. We are placing this fund on watch so we can monitor how the portfolio and strategy evolve under Santoro.

## ESG Metrics

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

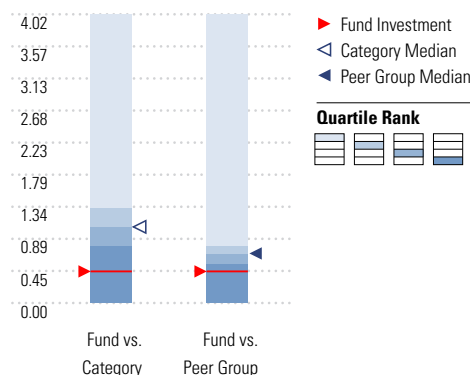
## Growth of \$10,000



## 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	0.33	–	-0.25
Beta	0.82	–	0.99
R-Squared	95.49	–	95.86
Standard Deviation	16.89	20.18	20.37
Sharpe Ratio	0.52	0.52	0.51
Tracking Error	5.14	–	4.50
Information Ratio	-0.25	–	-0.14
Up Capture Ratio	81.23	–	98.13
Down Capture Ratio	79.25	–	99.39

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.13	17.83	17.68
Price/Book Ratio	2.39	2.44	2.62
Geom Avg Mkt Cap \$B	76.96	73.35	114.13
ROE	17.66	16.34	21.91

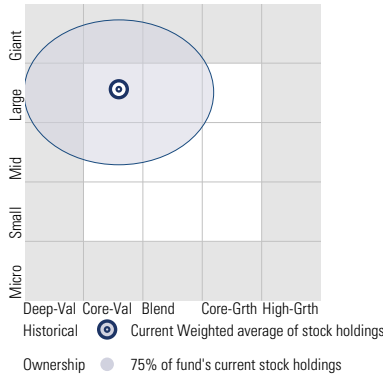
# Invesco Diversified Dividend R6 LCEFX

Morningstar Category  
Large Value

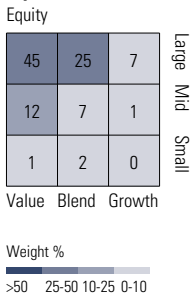
Morningstar Index  
Russell 1000 Value TR USD

## Style Analysis as of 09-30-2021

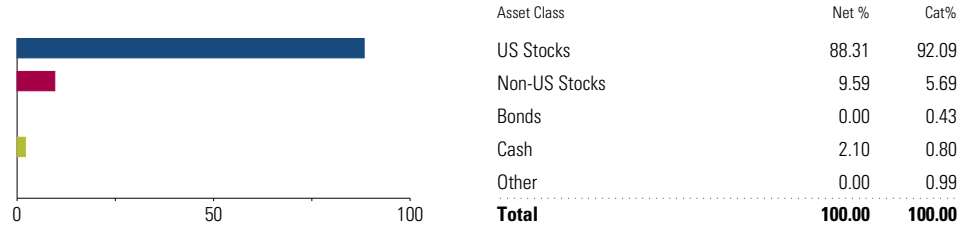
Morningstar Style Box™



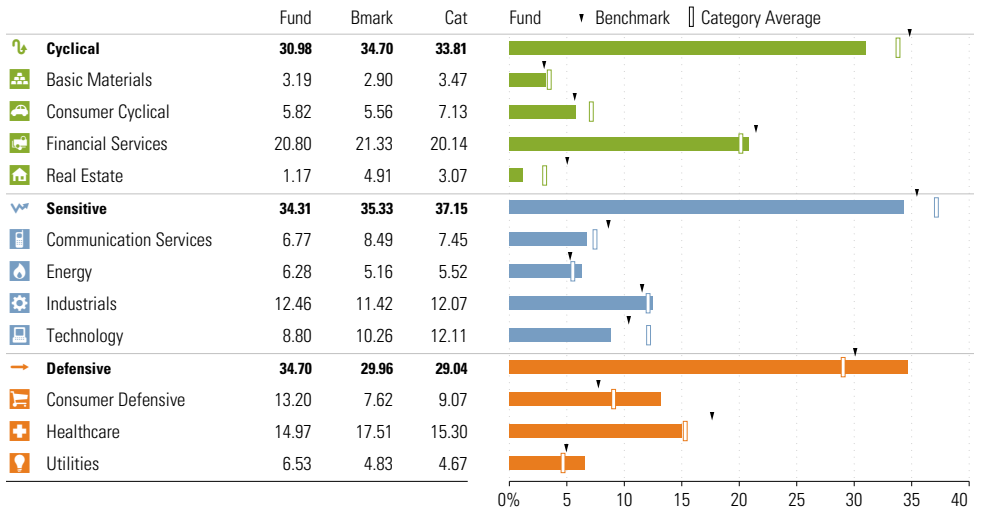
## Style Breakdown



## 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
Johnson & Johnson	3.17	3.17	4.61	Healthcare
⊖ The Hartford Financial Services Group Inc	2.66	5.83	45.57	Financial Services
⊖ Bank of America Corp	2.62	8.45	41.93	Financial Services
Comcast Corp Class A	2.57	11.02	8.13	Communication Svc
⊖ ConocoPhillips	2.53	13.55	72.69	Energy
Merck & Co Inc	2.40	15.95	-3.40	Healthcare
⊕ Cisco Systems Inc	2.38	18.33	24.09	Technology
The Travelers Companies Inc	2.16	20.48	10.15	Financial Services
⊕ Raytheon Technologies Corp	2.12	22.60	22.30	Industrials
Medtronic PLC	2.06	24.66	8.58	Healthcare
Walmart Inc	2.03	26.70	-2.16	Consumer Defensive
Target Corp	2.01	28.70	30.87	Consumer Defensive
⊖ Entergy Corp	1.99	30.69	2.32	Utilities
Dominion Energy Inc	1.86	32.55	-0.39	Utilities
CVS Health Corp	1.81	34.36	26.44	Healthcare

## Total Holdings 82

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# MFS Growth R6 MFEKX

**Morningstar Category**  
Large Growth

**Morningstar Index**  
Russell 1000 Growth TR USD

## Portfolio Manager(s)

Eric Fischman since 04-2002  
Paul Gordon since 07-2017  
Bradford Mak since 06-2021

## 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 19.51 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 0.53 is 45.92% lower than the Large Growth category average.

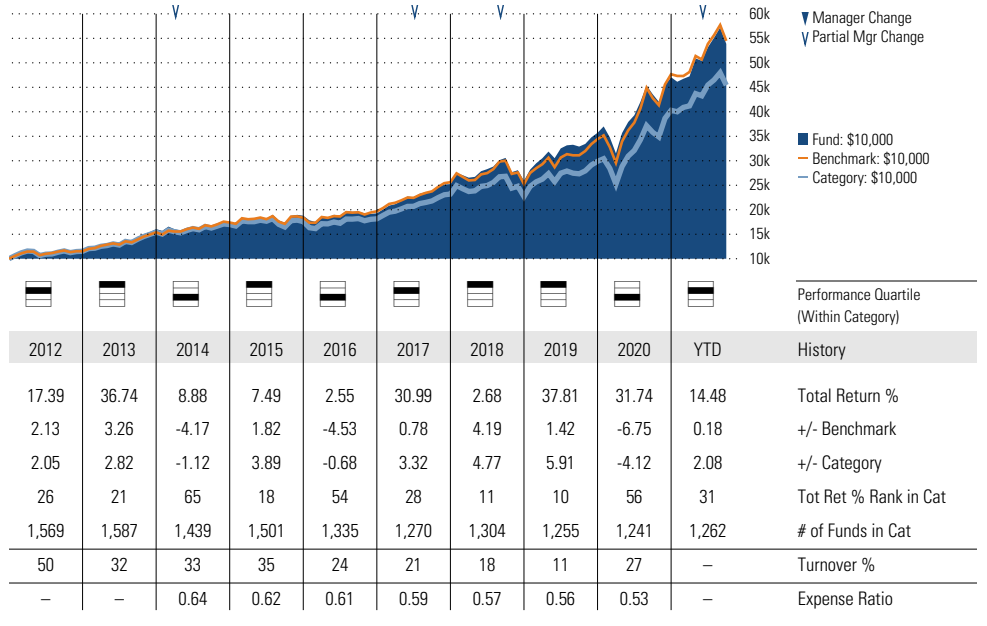
## Morningstar Investment Management LLC Analysis

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.

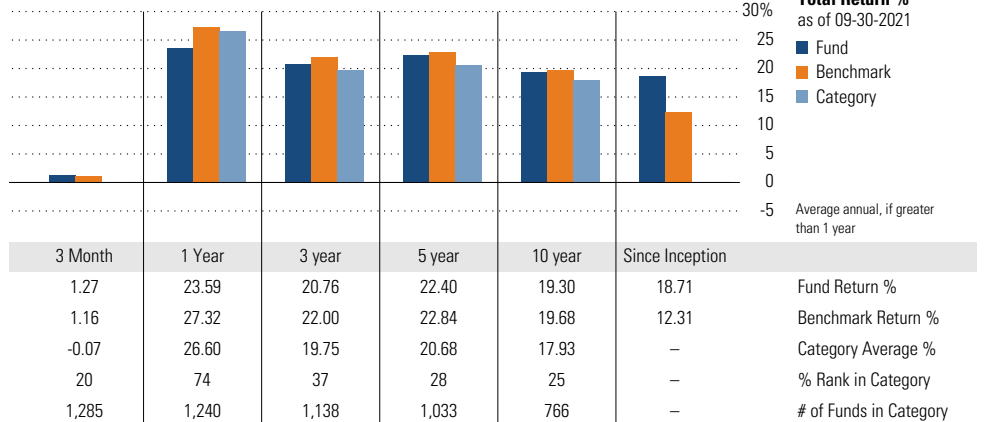
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	2-Basic	10-08-2021
Sustainability Rating	4	08-31-2021
Carbon Risk Score	Low Risk	06-30-2021

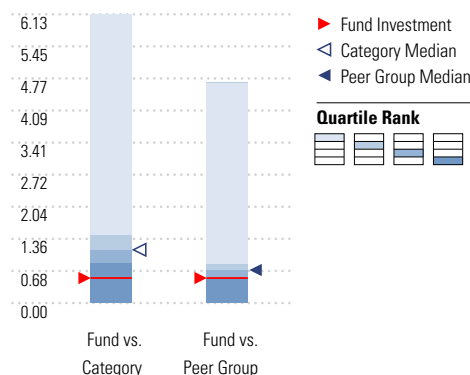
## Growth of \$10,000



## 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	0.66	-	-1.13
Beta	0.91	-	0.98
R-Squared	97.45	-	93.33
Standard Deviation	18.61	20.19	20.50
Sharpe Ratio	1.05	1.04	0.94
Tracking Error	3.49	-	5.22
Information Ratio	-0.36	-	-0.54
Up Capture Ratio	92.29	-	93.50
Down Capture Ratio	90.30	-	95.82

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	39.06	33.17	31.28
Price/Book Ratio	9.67	12.31	8.55
Geom Avg Mkt Cap \$B	287.14	291.31	335.34
ROE	33.64	39.60	33.50

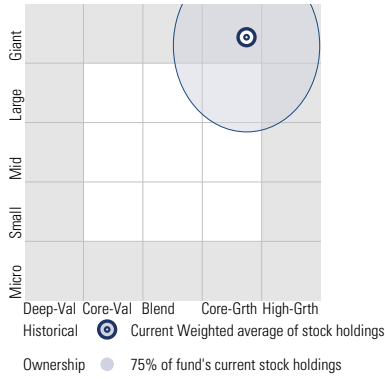
# MFS Growth R6 MFEKX

**Morningstar Category**  
Large Growth

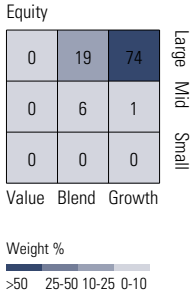
**Morningstar Index**  
Russell 1000 Growth TR USD

## Style Analysis as of 09-30-2021

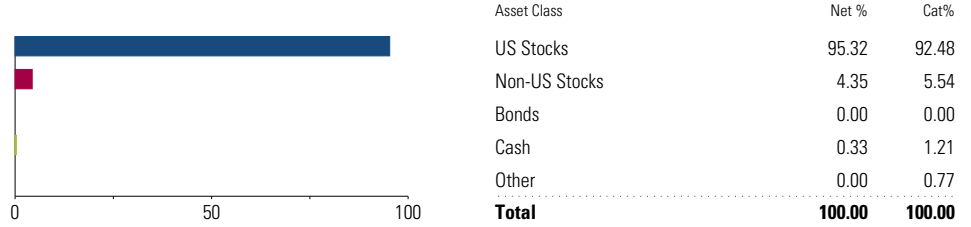
Morningstar Style Box™



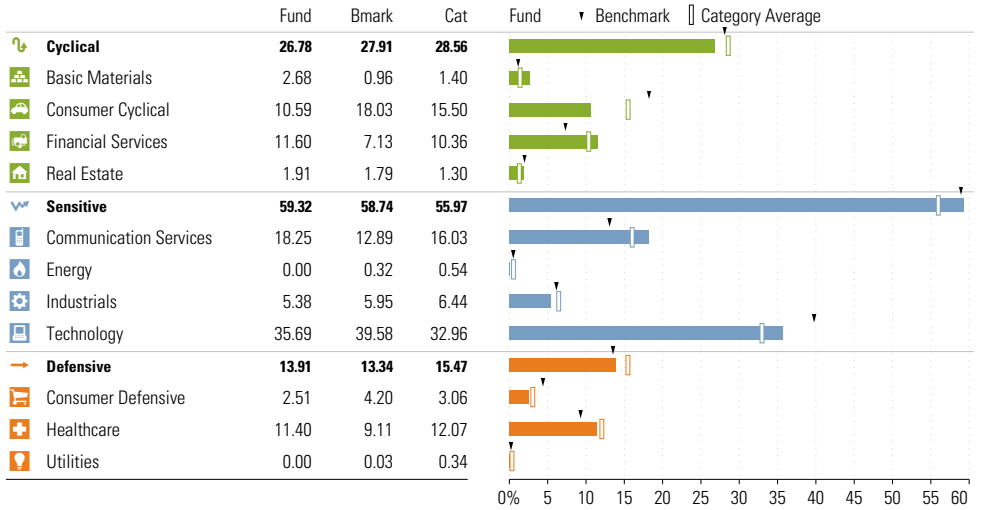
## Style Breakdown



## Asset Allocation as of 09-30-2021



## 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	10.66	10.66	27.51	Technology
Amazon.com Inc	7.84	18.50	0.86	Consumer Cyclical
Alphabet Inc Class A	5.94	24.43	52.54	Communication Svc
Adobe Inc	4.08	28.51	15.12	Technology
Facebook Inc Class A	3.78	32.29	24.25	Communication Svc
Apple Inc	3.74	36.03	7.13	Technology
Mastercard Inc Class A	2.92	38.95	-2.22	Financial Services
Visa Inc Class A	2.59	41.54	2.28	Financial Services
Intuit Inc	2.53	44.07	42.50	Technology
PayPal Holdings Inc	2.49	46.56	11.11	Financial Services
NVIDIA Corp	2.45	49.01	58.77	Technology
Danaher Corp	2.37	51.38	37.33	Healthcare
MSCI Inc	1.97	53.35	36.82	Financial Services
Thermo Fisher Scientific Inc	1.93	55.27	22.83	Healthcare
Alphabet Inc Class C	1.78	57.05	52.14	Communication Svc

## Total Holdings 72

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# PGIM Jennison Small Company R6 PJSQX

**Morningstar Category**  
Small Growth

**Morningstar Index**  
Russell 2000 Growth TR USD

## Portfolio Manager(s)

Jason Swiatek since 11-2013  
Jonathan Shapiro since 07-2018

## Quantitative Screens

✔ **Performance:** The fund has finished in the Small Growth 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 7.85 years.

✘ **Style:** The fund has landed in its primary style box — Small Growth — 8.57 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.7 is 42.15% lower than the Small Growth category average.

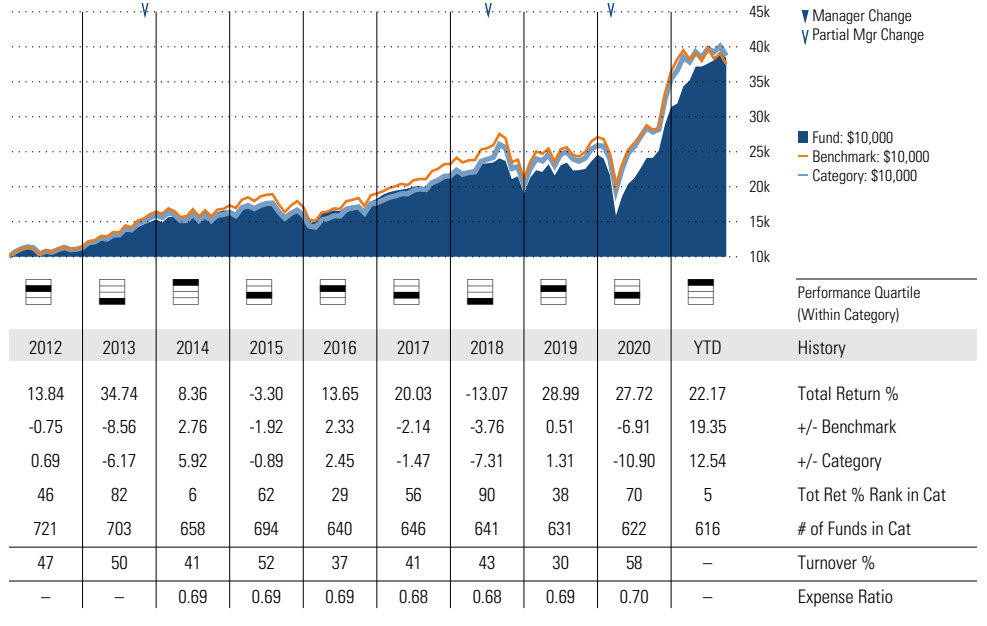
## Morningstar Investment Management LLC Analysis

This fund fails our style screen due to edging up into mid-cap territory but its portfolio positioning is consistent with the overall investment strategy.

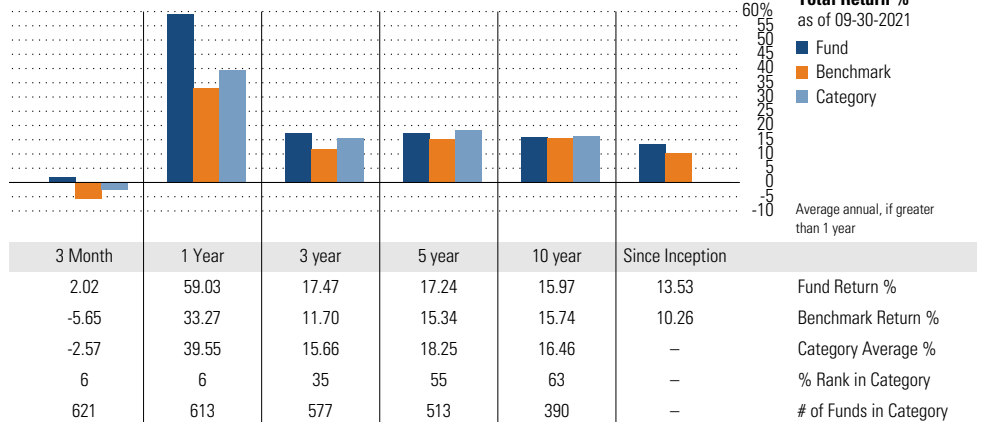
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2021

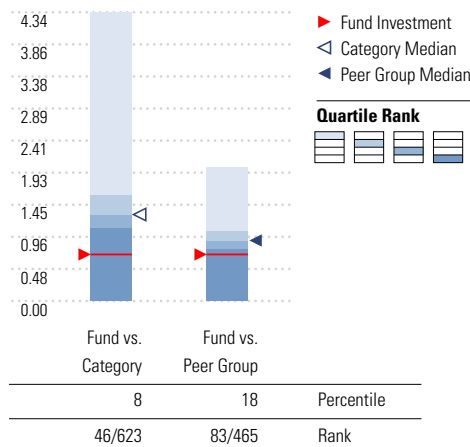
## Growth of \$10,000



## 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	5.54	-	4.26
Beta	1.02	-	0.94
R-Squared	89.13	-	91.55
Standard Deviation	27.75	25.66	25.23
Sharpe Ratio	0.69	0.52	0.66
Tracking Error	9.17	-	7.52
Information Ratio	0.63	-	0.51
Up Capture Ratio	107.21	-	100.02
Down Capture Ratio	92.34	-	88.35

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.65	23.33	32.72
Price/Book Ratio	2.91	5.12	5.42
Geom Avg Mkt Cap \$B	5.29	3.07	5.86
ROE	10.91	5.88	3.67

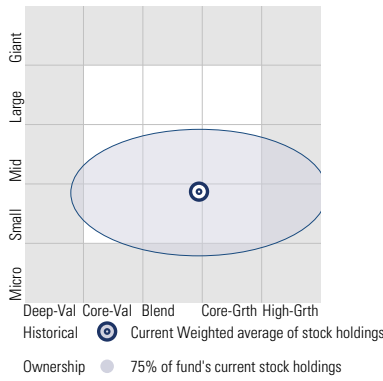
# PGIM Jennison Small Company R6 PJSQX

**Morningstar Category**  
Small Growth

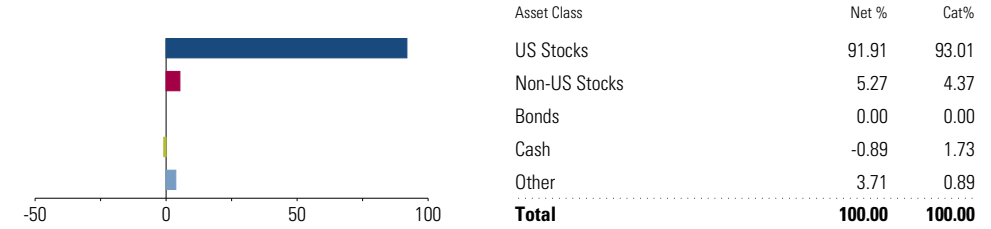
**Morningstar Index**  
Russell 2000 Growth TR USD

## Style Analysis as of 09-30-2021

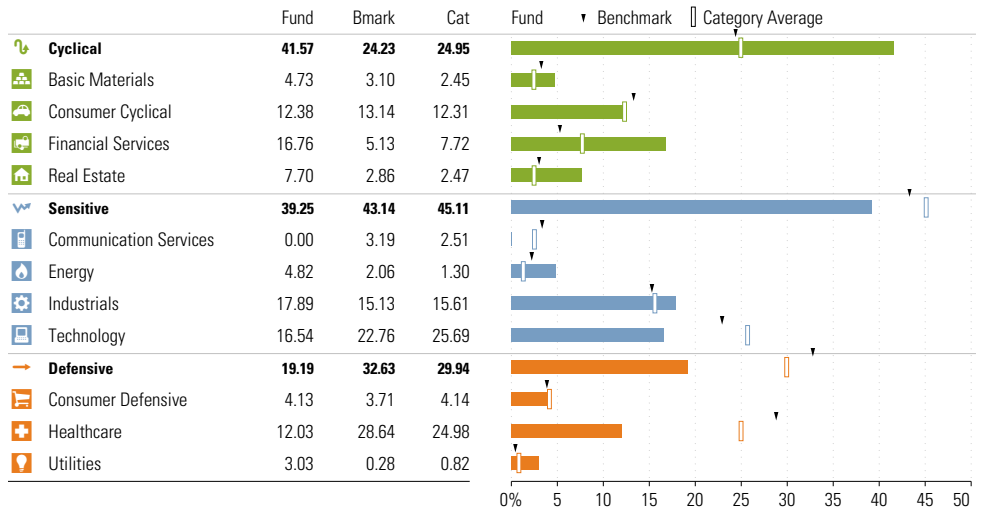
Morningstar Style Box™



## Asset Allocation as of 09-30-2021



## 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
⊕ Prudential Invnt Portfolios 2	3.71	3.71	-	-
WillScot Mobile Mini Holdings Corp	1.84	5.56	36.90	Industrials
⊖ Devon Energy Corp	1.82	7.38	131.75	Energy
Horizon Therapeutics PLC	1.76	9.15	49.75	Healthcare
Performance Food Group Co	1.65	10.80	-2.42	Consumer Defensive
BrightSphere Investment Group Inc	1.65	12.45	35.68	Financial Services
Saia Inc	1.58	14.02	31.65	Industrials
Molina Healthcare Inc	1.56	15.58	27.57	Healthcare
⊖ PDC Energy Inc	1.51	17.09	132.00	Energy
Brunswick Corp	1.47	18.56	26.19	Consumer Cyclical
Great Lakes Dredge & Dock Corp	1.44	20.00	14.58	Industrials
⊕ Smartsheet Inc Class A	1.39	21.39	-0.68	Technology
⊕ Targa Resources Corp	1.35	22.74	87.68	Energy
Independence Realty Trust Inc	1.33	24.07	54.21	Real Estate
Gaming and Leisure Properties Inc	1.32	25.39	13.94	Real Estate

**Total Holdings 137**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# PIMCO Income Instl PIMIX

**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.

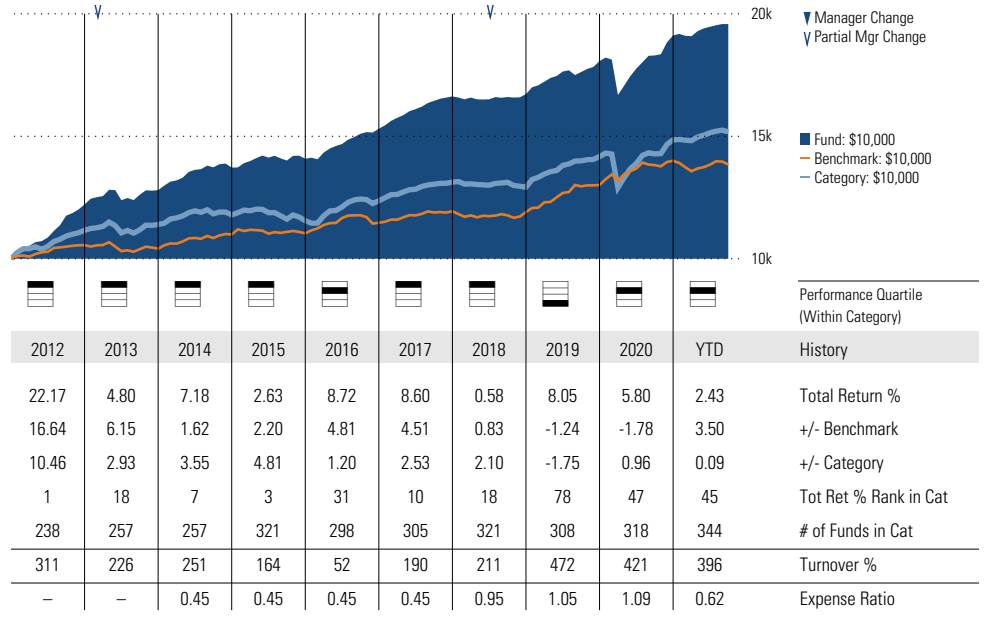
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.62 is 38% lower than the Multisector Bond category average.

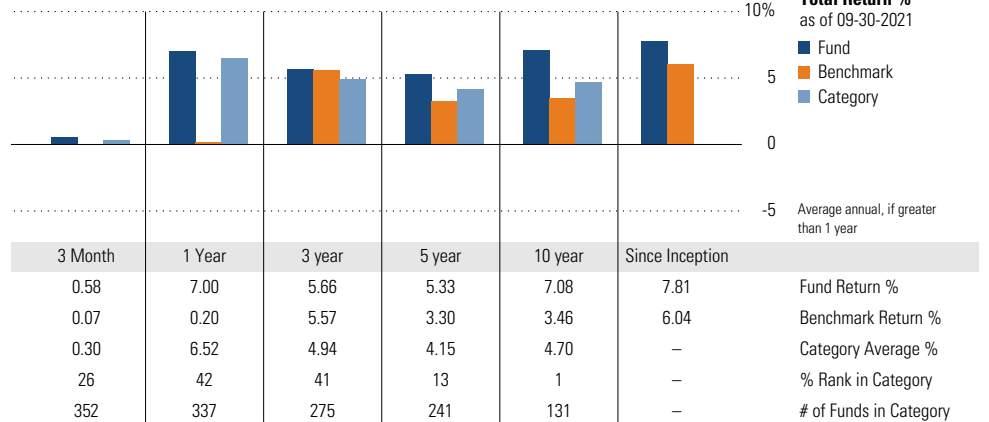
## Morningstar Investment Management LLC Analysis

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.

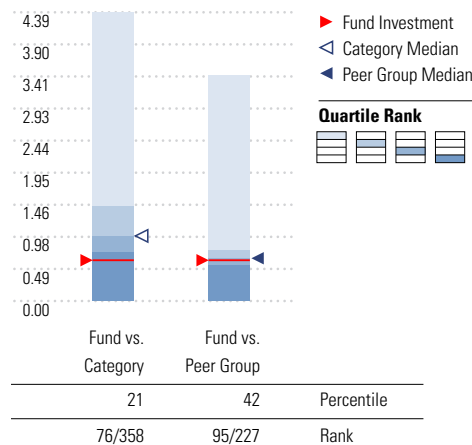
## Growth of \$10,000



## 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	1.36	-	-1.42
Beta	0.79	-	1.24
R-Squared	24.18	-	34.95
Standard Deviation	5.75	3.59	7.92
Sharpe Ratio	0.81	1.27	0.62
Tracking Error	5.06	-	6.61
Information Ratio	0.02	-	-0.05
Up Capture Ratio	88.66	-	108.28
Down Capture Ratio	64.05	-	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 Instl PIMIX

**Morningstar Category**  
Multisector Bond

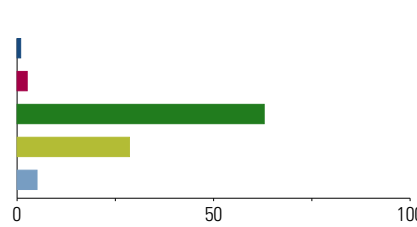
**Morningstar Index**  
BBgBarc US Universal TR USD

## Style Analysis as of 09-30-2021

### Style Breakdown



## Asset Allocation as of 09-30-2021

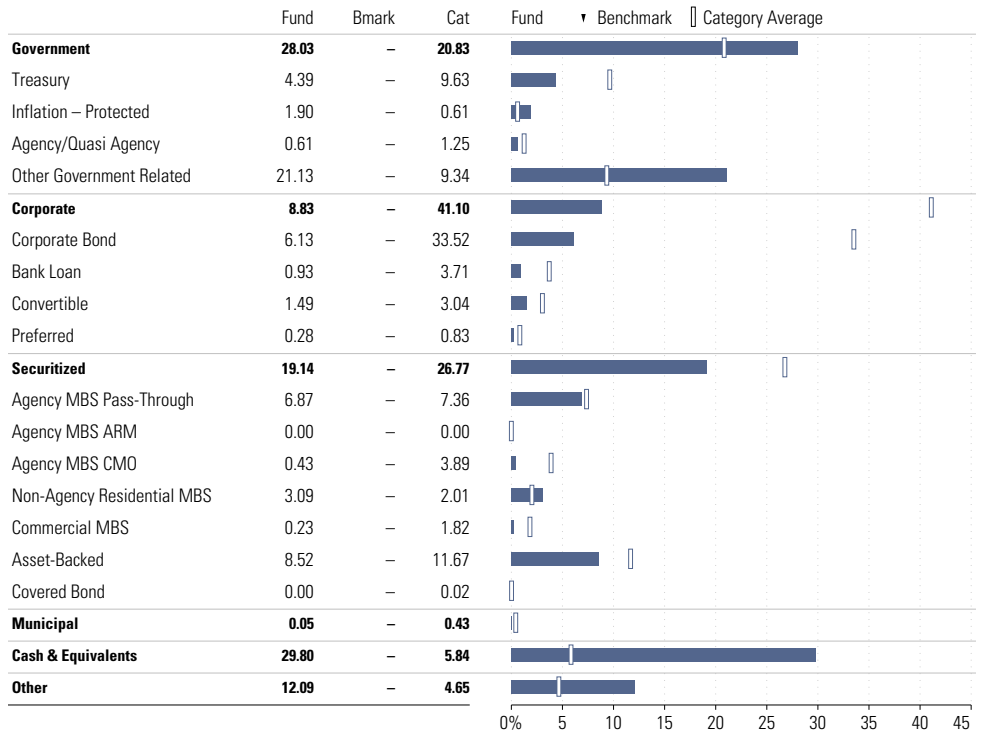


Asset Class	Net %	Cat%
US Stocks	0.91	2.02
Non-US Stocks	2.57	0.12
Bonds	62.87	94.04
Cash	28.58	-0.04
Other	5.07	3.88
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### 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

# 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.

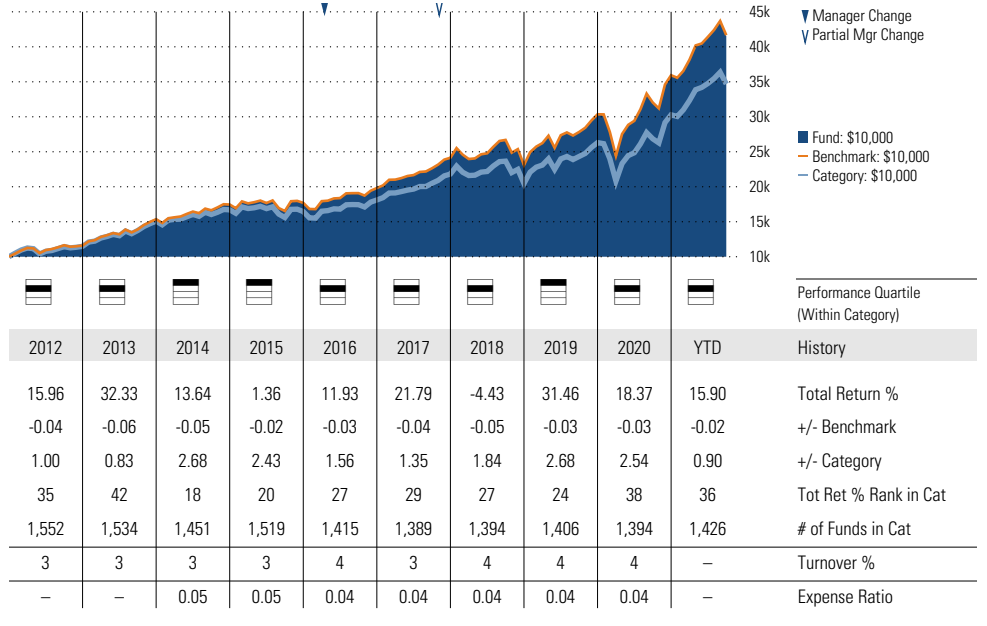
## Morningstar Investment Management LLC Analysis

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

Metric	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

Metric	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

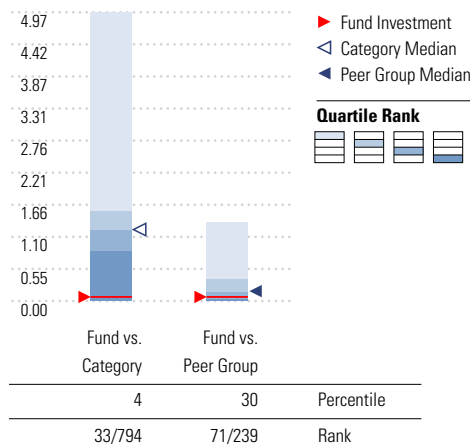
## Growth of \$10,000



## 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

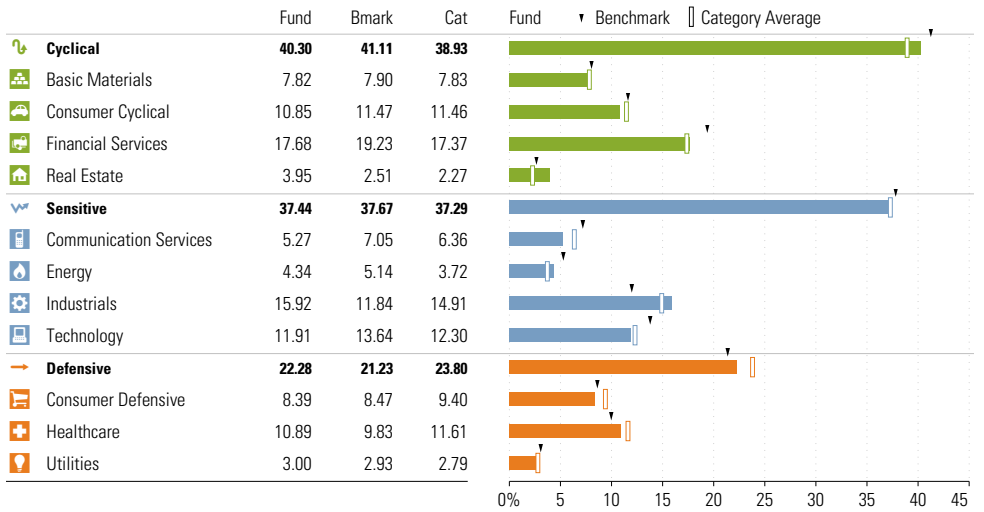


## Asset Allocation as of 09-30-2021



Asset Class	Net %	Cat%
US Stocks	9.97	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 Inflation-Protected Secs Adm VAIPX

**Morningstar Category**  
Inflation-Protected Bond

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

## Portfolio Manager(s)

Gemma Wright-Casparius since 08-2011

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 10.12 years.

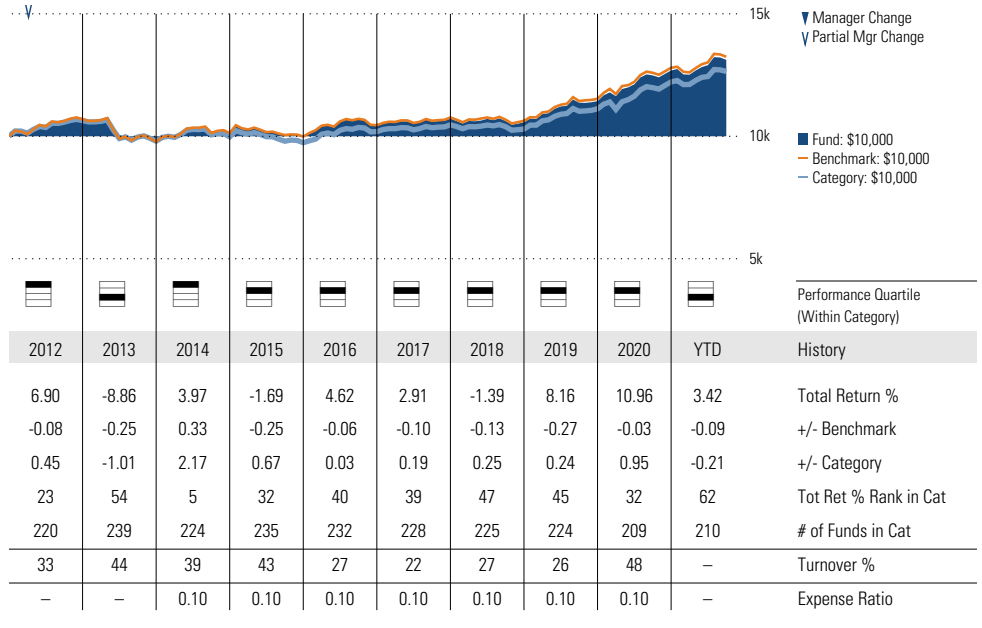
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.1 is 83.87% lower than the Inflation-Protected Bond category average.

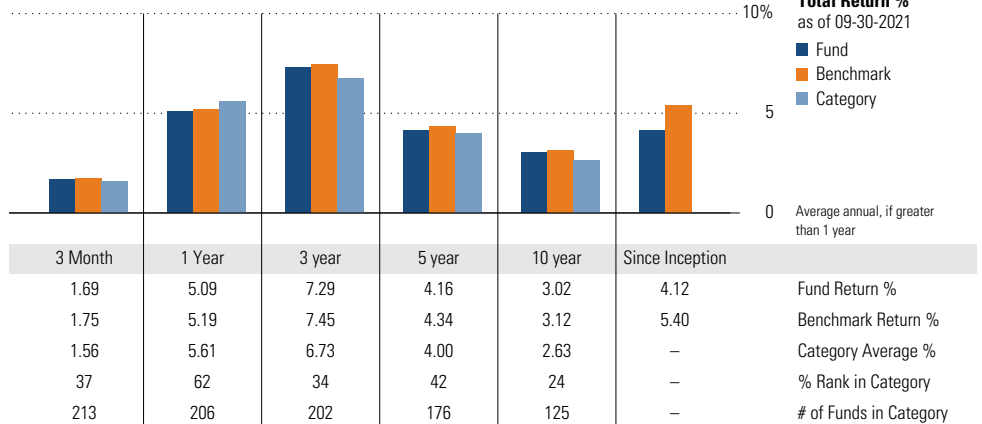
## Morningstar Investment Management LLC Analysis

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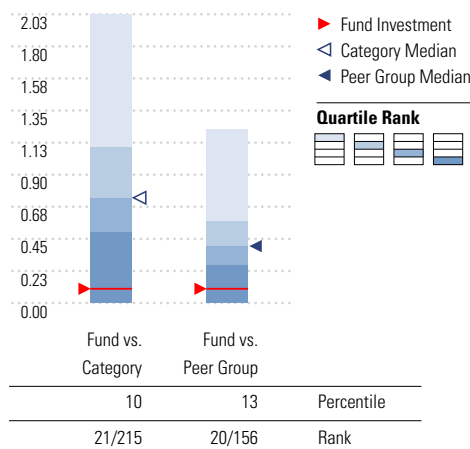
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.26	-	-0.20
Beta	0.94	-	0.91
R-Squared	98.53	-	77.98
Standard Deviation	3.86	4.07	4.36
Sharpe Ratio	1.57	1.53	1.33
Tracking Error	0.52	-	2.22
Information Ratio	-0.30	-	-0.58
Up Capture Ratio	96.19	-	89.37
Down Capture Ratio	91.76	-	94.35

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	7.19	4.52	6.27
Avg Eff Maturity	8.00	-	7.15

# Vanguard Inflation-Protected Secs Adm VAIPX

**Morningstar Category**  
Inflation-Protected Bond

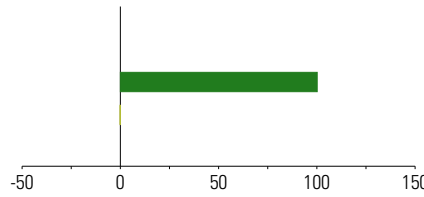
**Morningstar Index**  
BBgBarc US Treasury US TIPS TR USD

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

**Style Breakdown**



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

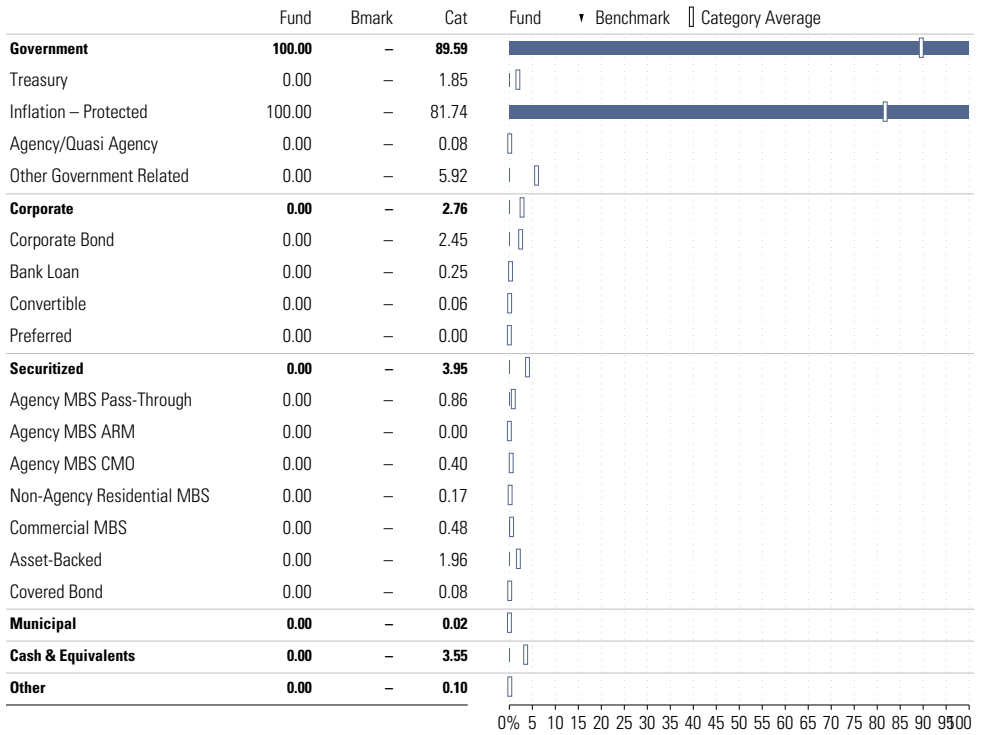


Asset Class	Net %	Cat%
US Stocks	0.00	0.03
Non-US Stocks	0.00	0.00
Bonds	100.17	98.41
Cash	-0.17	1.11
Other	0.00	0.45
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Credit Rating Breakdown**

	Fund	Bmark	Cat
AAA	99.60	0.00	96.46
AA	0.00	99.60	0.15
A	0.00	0.00	0.51
BBB	0.00	0.00	1.30
BB	0.00	0.00	0.37
B	0.00	0.00	0.05
Below B	0.00	0.00	0.01
Not Rated	0.40	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	-	3.82	3.82	-
United States Treasury Notes	-	3.71	7.52	-
⊖ United States Treasury Notes	-	3.68	11.20	-
⊕ United States Treasury Notes	-	3.62	14.81	-
⊕ United States Treasury Notes	-	3.49	18.30	-
⊕ United States Treasury Notes	-	3.41	21.71	-
⊖ United States Treasury Notes	-	3.34	25.06	-
⊖ United States Treasury Notes	-	3.20	28.25	-
⊕ United States Treasury Notes	-	3.17	31.42	-
⊕ United States Treasury Notes	-	3.04	34.46	-

**Total Holdings 45**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard Mid Cap Index Admiral VIMAX

**Morningstar Category**  
Mid-Cap Blend

**Morningstar Index**  
Russell Mid Cap TR USD

## Portfolio Manager(s)

Donald Butler since 05-1998  
Awais Khan since 07-2021

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 23.38 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.05 is 94.62% lower than the Mid-Cap Blend category average.

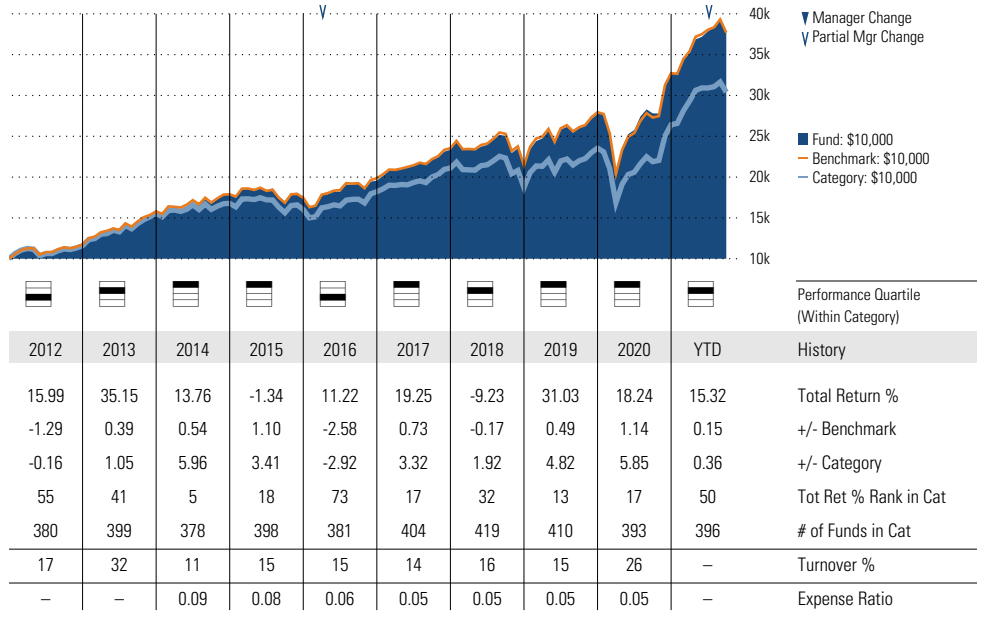
## Morningstar Investment Management LLC Analysis

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## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	10-08-2021
Sustainability Rating	4	08-31-2021
Carbon Risk Score	Low Risk	06-30-2021

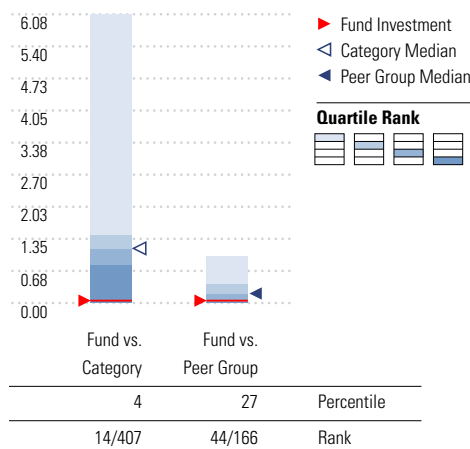
## Growth of \$10,000



## 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	0.70	-	-2.45
Beta	0.98	-	1.00
R-Squared	99.72	-	94.96
Standard Deviation	21.83	22.29	22.90
Sharpe Ratio	0.69	0.66	0.55
Tracking Error	1.25	-	5.29
Information Ratio	0.42	-	-0.68
Up Capture Ratio	99.44	-	95.83
Down Capture Ratio	97.16	-	104.99

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	22.66	20.50	19.12
Price/Book Ratio	3.38	3.23	3.04
Geom Avg Mkt Cap \$B	25.06	19.31	11.20
ROE	14.40	14.71	18.55

# Vanguard Mid Cap Index Admiral VIMAX

Morningstar Category

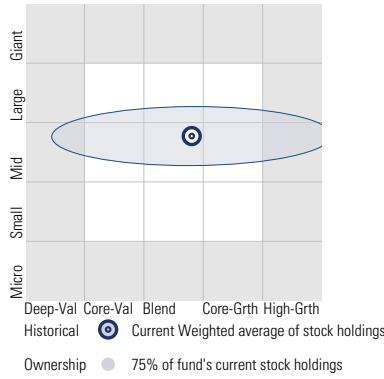
Mid-Cap Blend

Morningstar Index

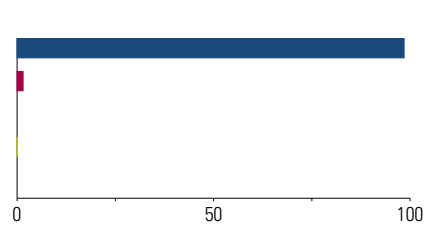
Russell Mid Cap TR USD

## Style Analysis as of 09-30-2021

Morningstar Style Box™

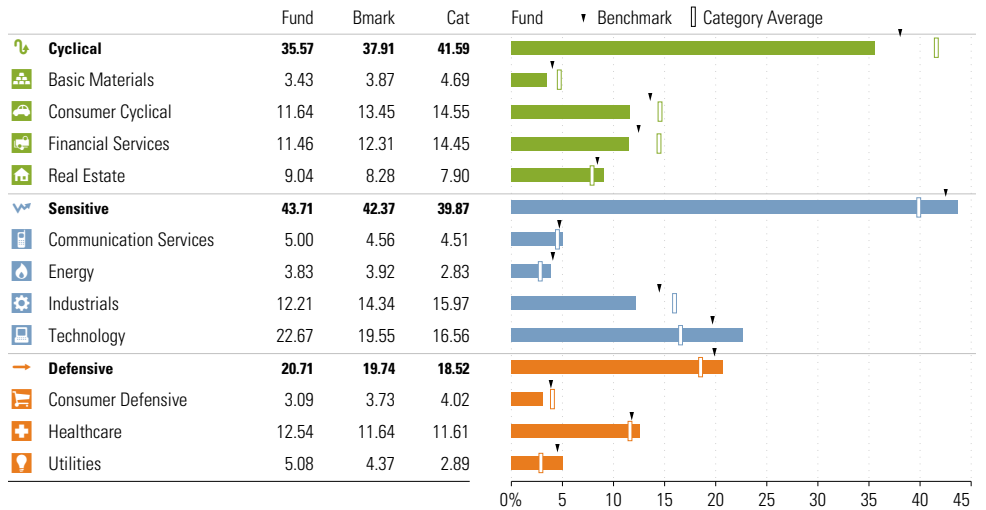


## Asset Allocation as of 09-30-2021

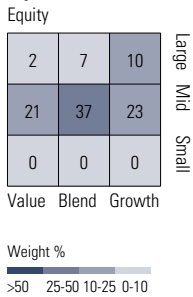


Asset Class	Net %	Cat%
US Stocks	98.47	95.99
Non-US Stocks	1.52	2.33
Bonds	0.00	-0.07
Cash	0.01	1.47
Other	0.00	0.28
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## 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
⊖ DexCom Inc	0.78	0.78	47.91	Healthcare
⊕ Marvell Technology Inc	0.72	1.50	27.11	Technology
⊖ MSCI Inc	0.70	2.20	36.82	Financial Services
⊖ IQVIA Holdings Inc	0.67	2.87	33.69	Healthcare
⊖ Synopsys Inc	0.67	3.54	15.50	Technology
⊖ Carrier Global Corp Ordinary Shares	0.66	4.20	—	Industrials
⊖ Amphenol Corp Class A	0.64	4.84	12.89	Technology
⊖ Palo Alto Networks Inc	0.64	5.48	34.78	Technology
⊖ Microchip Technology Inc	0.62	6.10	12.03	Technology
⊖ Cadence Design Systems Inc	0.61	6.71	11.00	Technology
⊖ IHS Markit Ltd	0.61	7.33	30.49	Industrials
⊕ Match Group Inc	0.61	7.93	3.84	Communication Svc
⊕ Digital Realty Trust Inc	0.60	8.53	6.04	Real Estate
⊖ Fortinet Inc	0.59	9.12	96.62	Technology
⊖ Aptiv PLC	0.59	9.71	14.34	Consumer Cyclical

**Total Holdings 380**

⊕ 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.

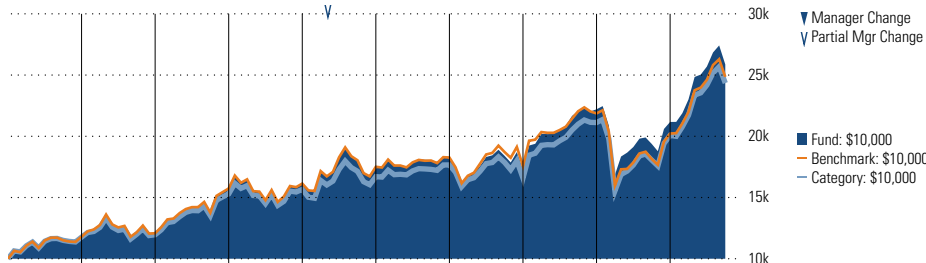
## Morningstar Investment Management LLC Analysis

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

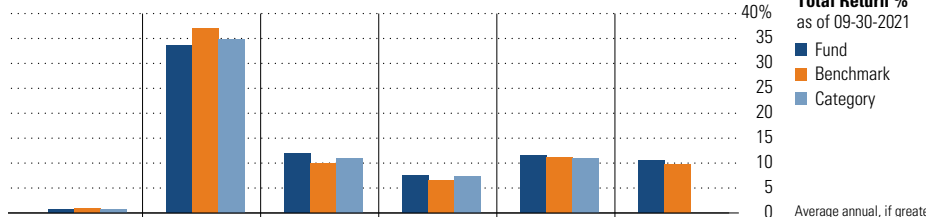
Metric	Rating	Updated
ESG Commitment	1-Low	10-08-2021
Sustainability Rating	3	08-31-2021
Carbon Risk Score	Medium Risk	06-30-2021

## Growth of \$10,000



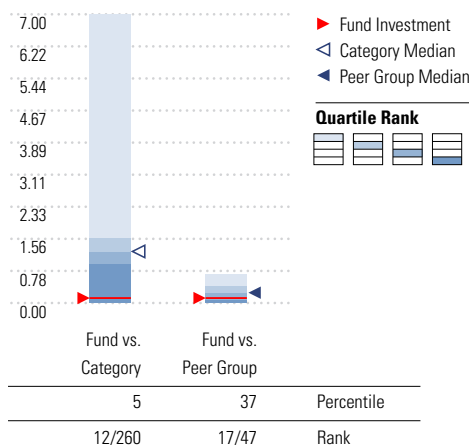
	2012	2013	2014	2015	2016	2017	2018	2019	2020	YTD	Performance Quartile (Within Category)
	17.69	2.42	30.32	2.39	8.50	4.94	-5.95	28.94	-4.65	22.19	History
	-0.30	0.02	0.06	-0.15	0.01	0.61	-2.16	4.49	2.87	-0.70	Total Return %
	0.09	0.87	2.29	-0.02	1.61	-1.28	0.02	1.66	-0.16	0.95	+/- Benchmark
	29	27	32	64	18	57	58	29	44	47	+/- Category
	268	268	273	294	269	257	250	263	250	253	Tot Ret % Rank in Cat
	10	9	11	8	11	7	6	24	6	8	# of Funds in Cat
	-	-	0.10	0.12	0.12	0.12	0.12	0.11	0.12	0.12	Turnover %
											Expense Ratio

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	
	0.68	33.51	12.01	7.54	11.54	10.52	Fund Return %
	0.97	37.03	9.92	6.61	11.10	9.68	Benchmark Return %
	0.65	34.73	10.86	7.27	10.97	-	Category Average %
	59	47	40	46	31	-	% Rank in Category
	256	247	232	200	148	-	# of Funds in Category

## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	2.37	-	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

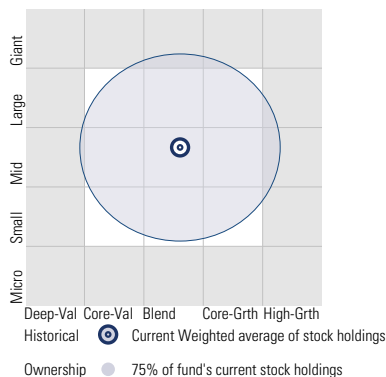
# Vanguard Real Estate Index Admiral VGSLX

**Morningstar Category**  
Real Estate

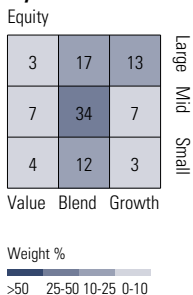
**Morningstar Index**  
S&P United States REIT TR USD

## Style Analysis as of 09-30-2021

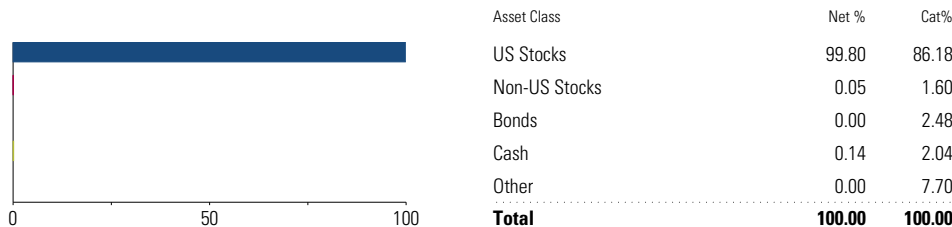
Morningstar Style Box™



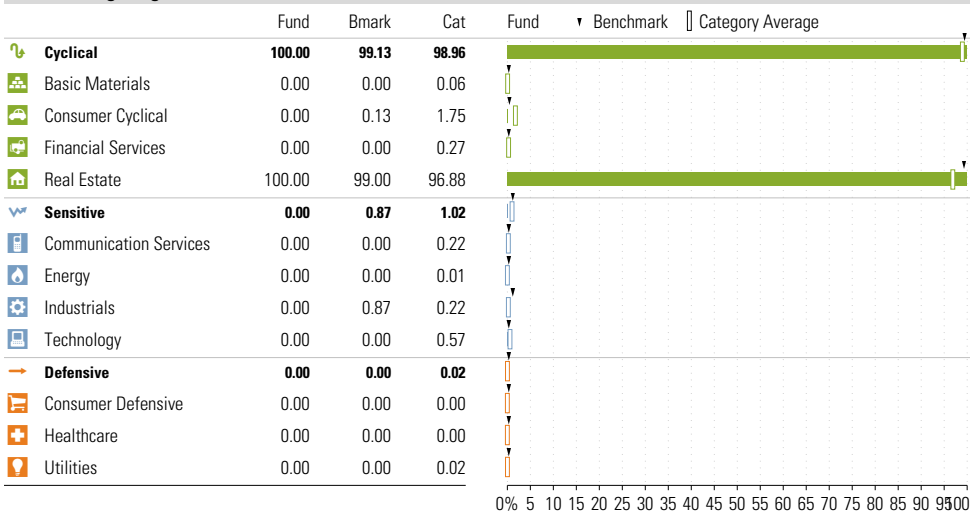
## Style Breakdown



## 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.

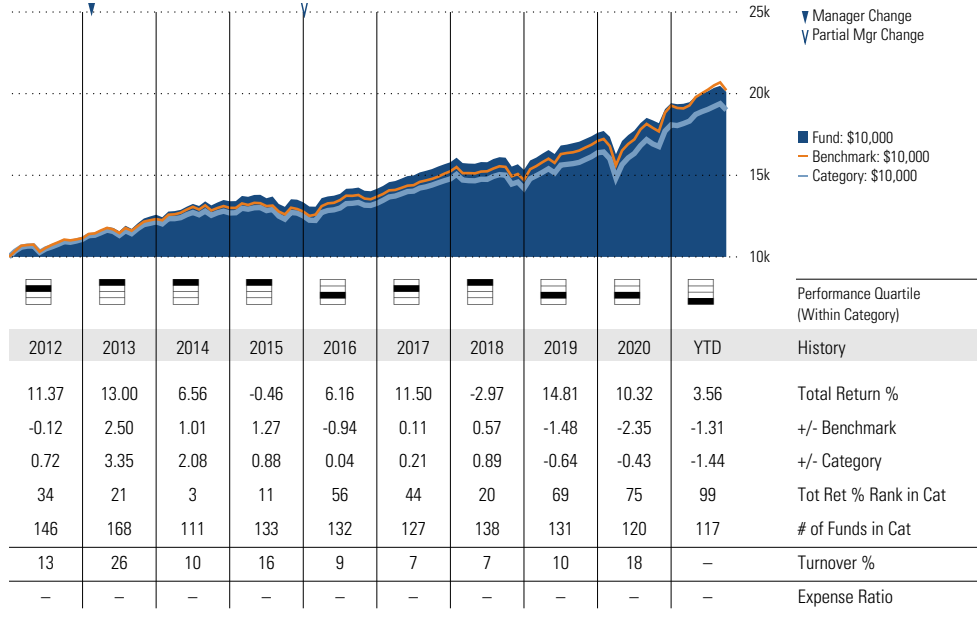
## Morningstar Investment Management LLC Analysis

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.

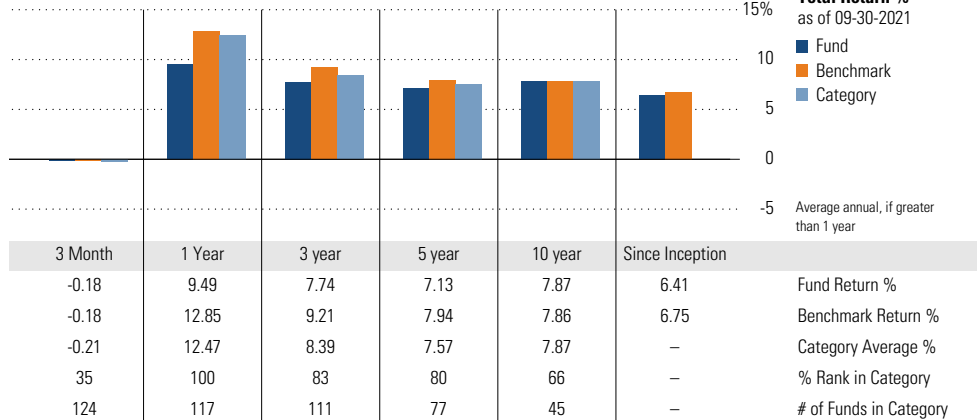
## ESG Metrics

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

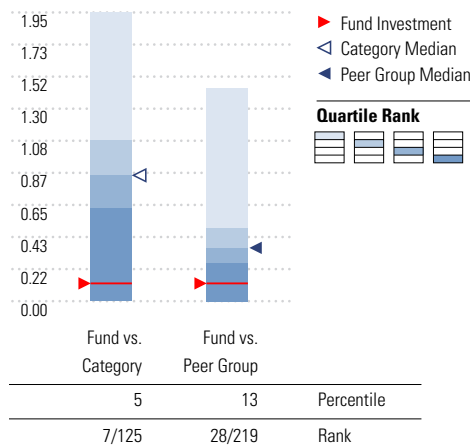
## Growth of \$10,000



## 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

Metric	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

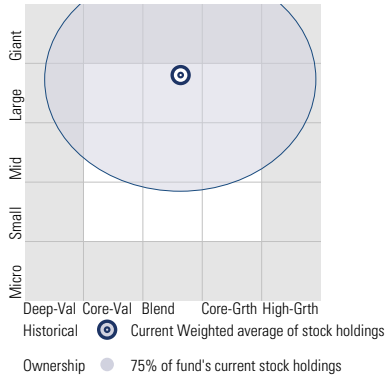
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.45	19.04	19.25
Price/Book Ratio	2.65	2.66	2.82
Avg Eff Duration	6.21	-	5.44

# Vanguard Target Retirement 2015 Inv VTXVX

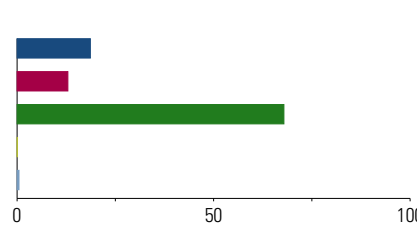
**Morningstar Category**  
Target-Date 2015

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

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

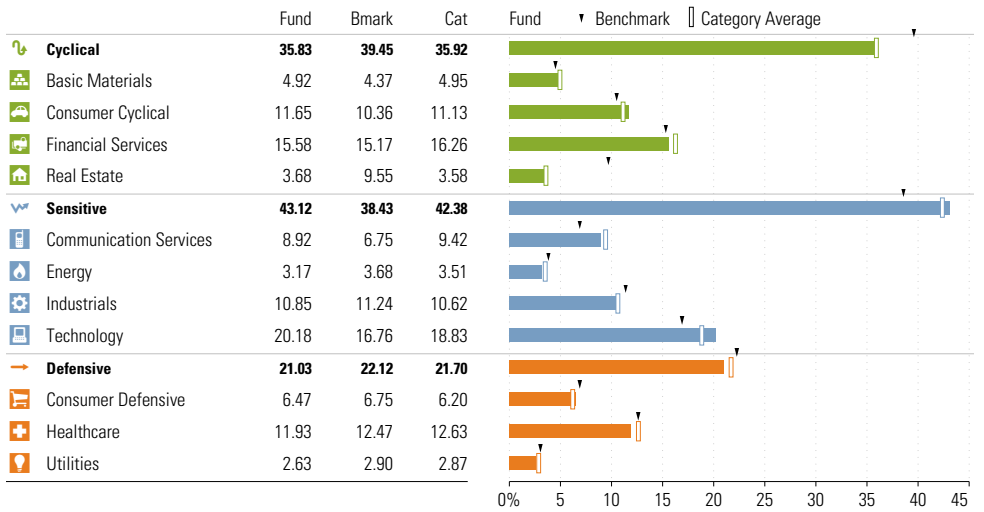


**Asset Allocation** as of 09-30-2021

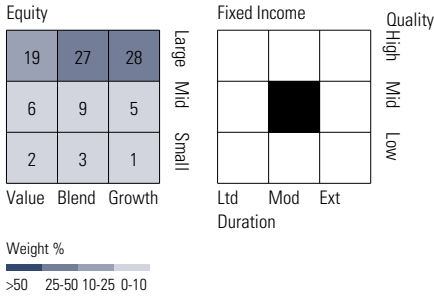


Asset Class	Net %	Cat%
US Stocks	18.64	25.65
Non-US Stocks	12.92	15.35
Bonds	67.89	46.15
Cash	0.06	7.42
Other	0.48	5.43
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**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.

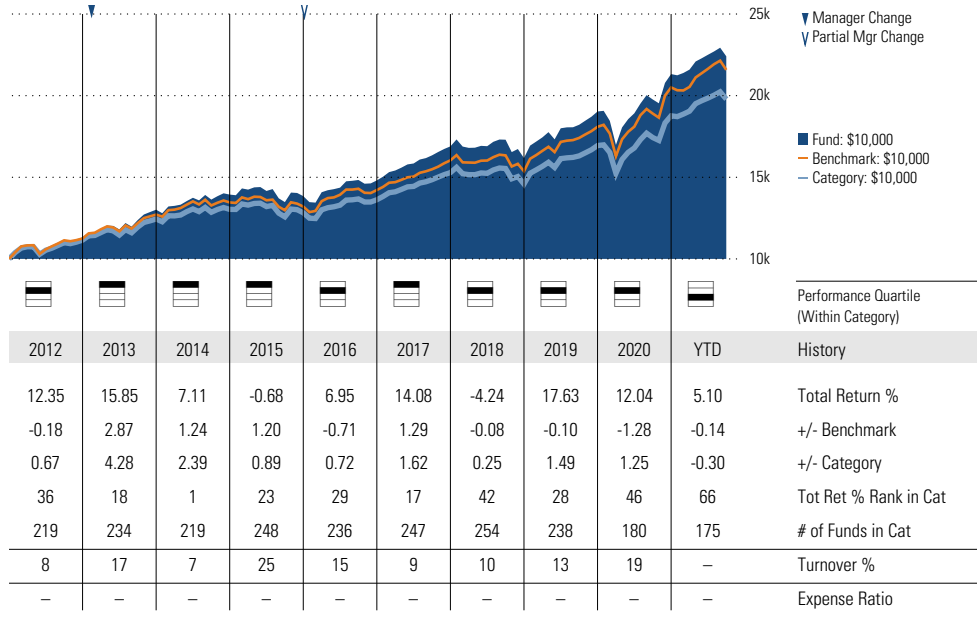
## Morningstar Investment Management LLC Analysis

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.

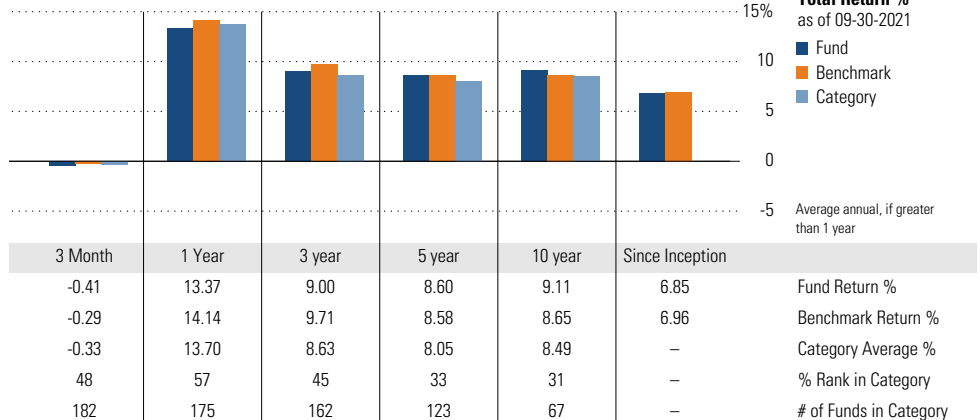
## ESG Metrics

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

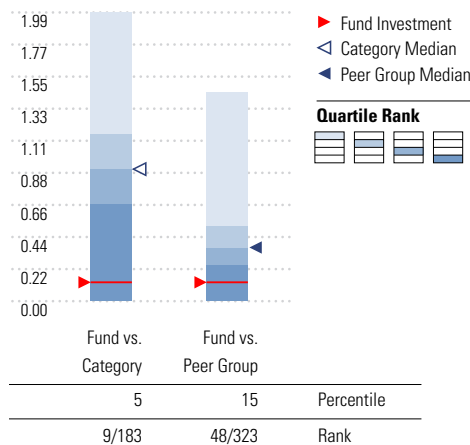
## Growth of \$10,000



## 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

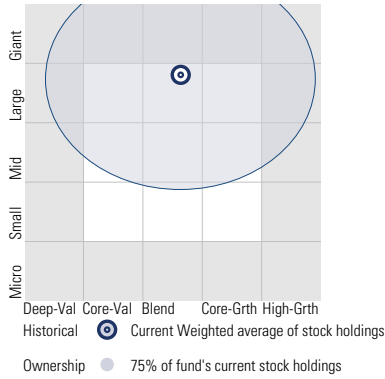
	Fund	Bmark	Cat
Price/Earnings Ratio	18.52	18.89	19.67
Price/Book Ratio	2.65	2.63	2.82
Avg Eff Duration	6.46	-	5.43

# Vanguard Target Retirement 2020 Inv VTWNX

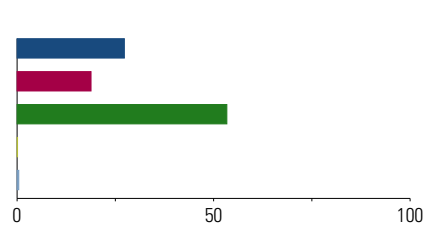
**Morningstar Category**  
Target-Date 2020

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

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

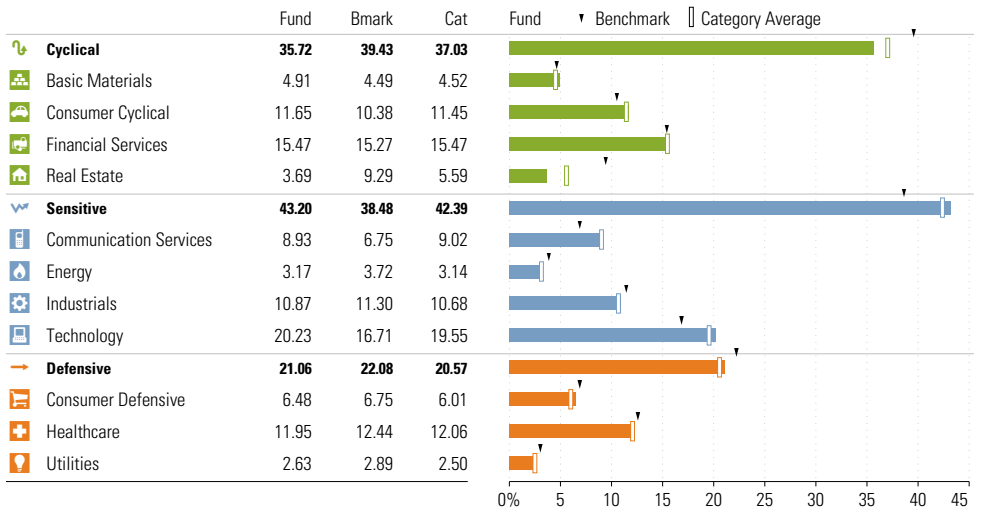


**Asset Allocation** as of 09-30-2021

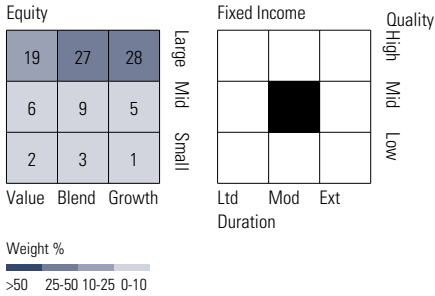


Asset Class	Net %	Cat%
US Stocks	27.29	26.78
Non-US Stocks	18.81	14.68
Bonds	53.37	44.84
Cash	0.11	5.47
Other	0.42	8.23
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**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.

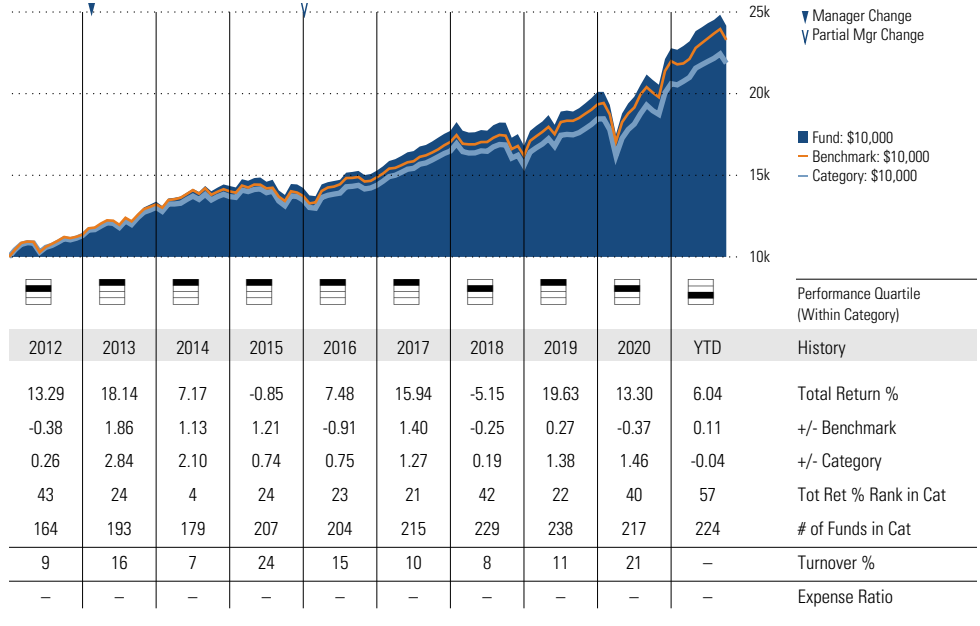
## Morningstar Investment Management LLC Analysis

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.

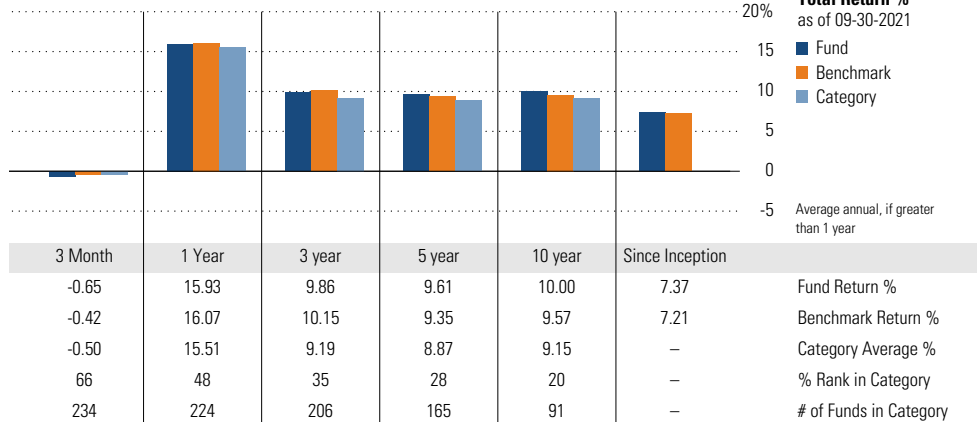
## ESG Metrics

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

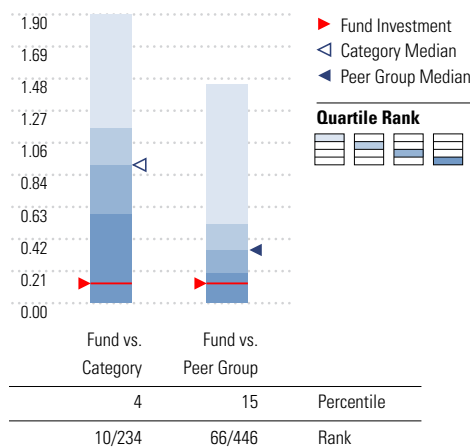
## Growth of \$10,000



## 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

Metric	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

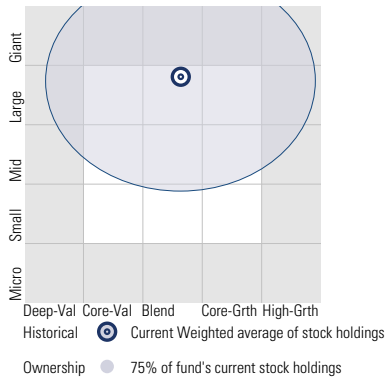
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.55	18.71	19.76
Price/Book Ratio	2.66	2.60	2.85
Avg Eff Duration	7.15	-	6.72

# Vanguard Target Retirement 2025 Inv VTTVX

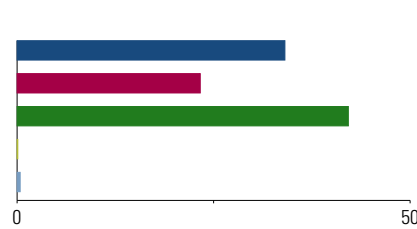
**Morningstar Category**  
Target-Date 2025

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

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

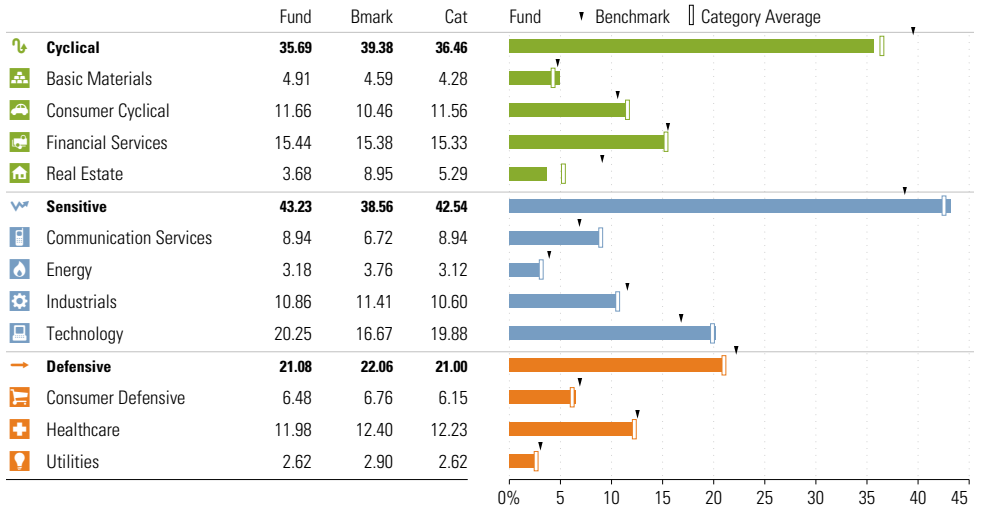


**Asset Allocation** as of 09-30-2021

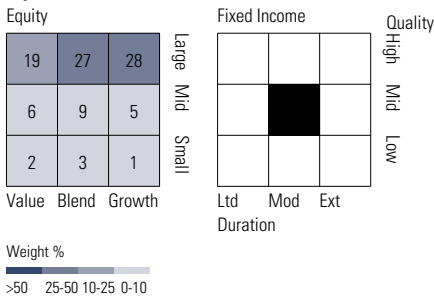


Asset Class	Net %	Cat%
US Stocks	34.07	31.08
Non-US Stocks	23.30	15.92
Bonds	42.14	38.14
Cash	0.09	3.39
Other	0.39	11.47
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**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 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 VTHRX

**Morningstar Category**  
Target-Date 2030

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

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

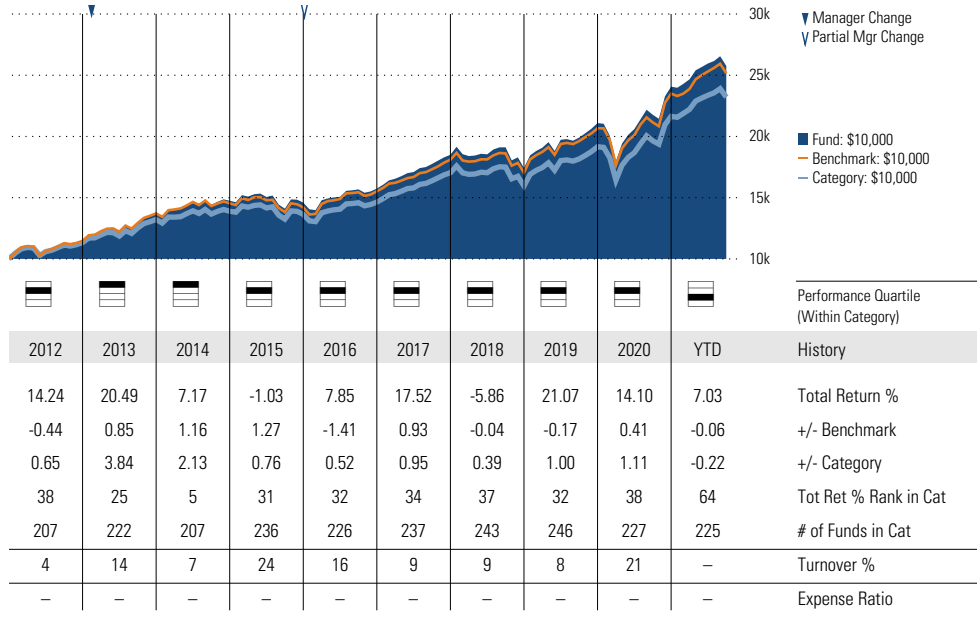
## Morningstar Investment Management LLC Analysis

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.

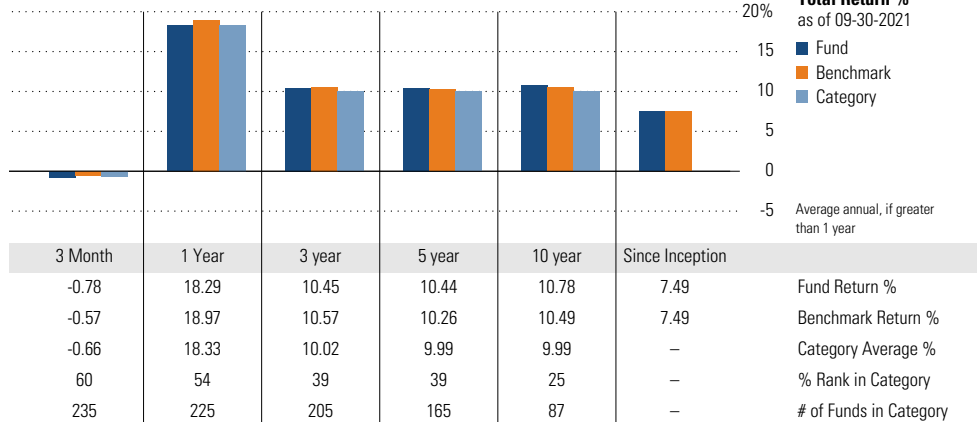
## ESG Metrics

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

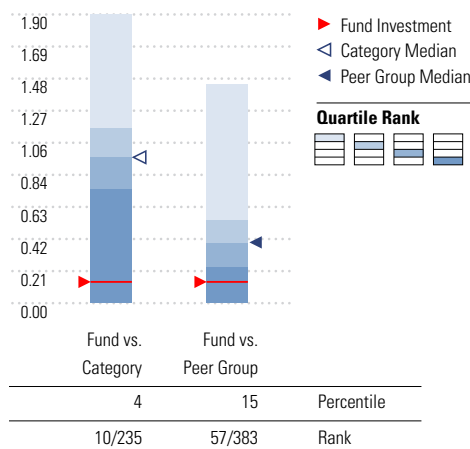
## Growth of \$10,000



## 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

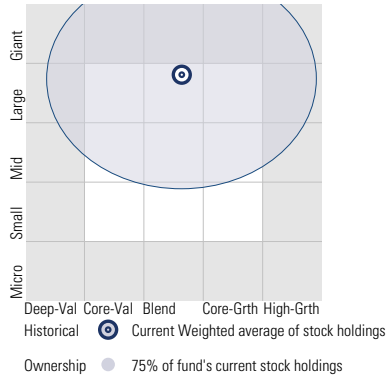
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.56	18.52	19.81
Price/Book Ratio	2.66	2.56	2.90
Avg Eff Duration	7.31	-	6.80

# Vanguard Target Retirement 2030 Inv VTHR

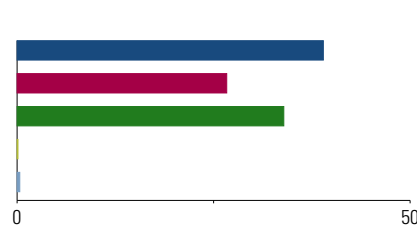
**Morningstar Category**  
Target-Date 2030

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

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

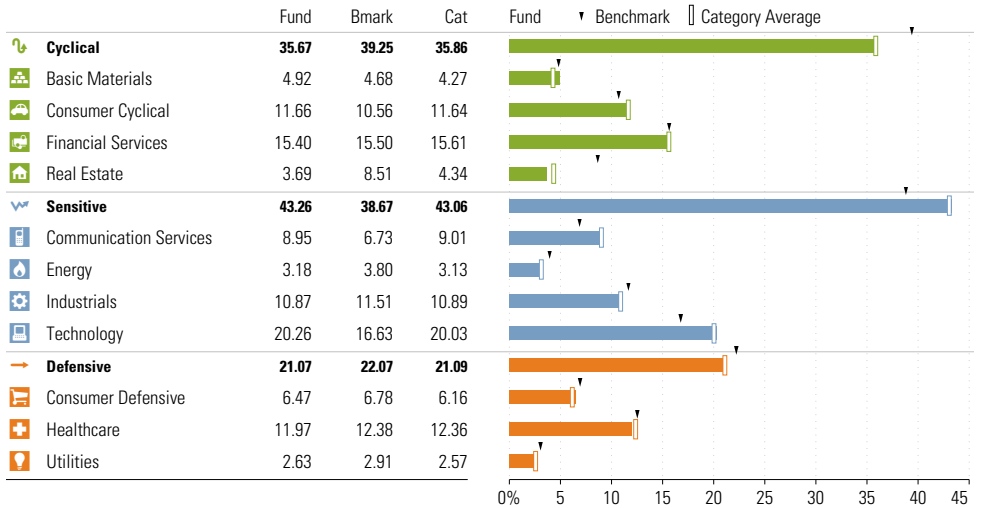


**Asset Allocation** as of 09-30-2021

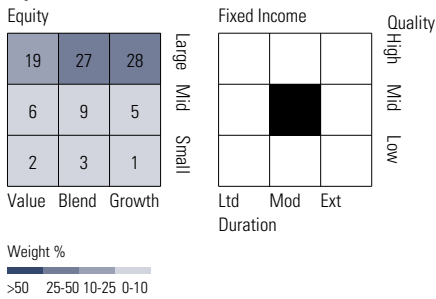


Asset Class	Net %	Cat%
US Stocks	38.96	36.84
Non-US Stocks	26.67	18.50
Bonds	33.93	28.93
Cash	0.11	2.63
Other	0.34	13.11
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**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.

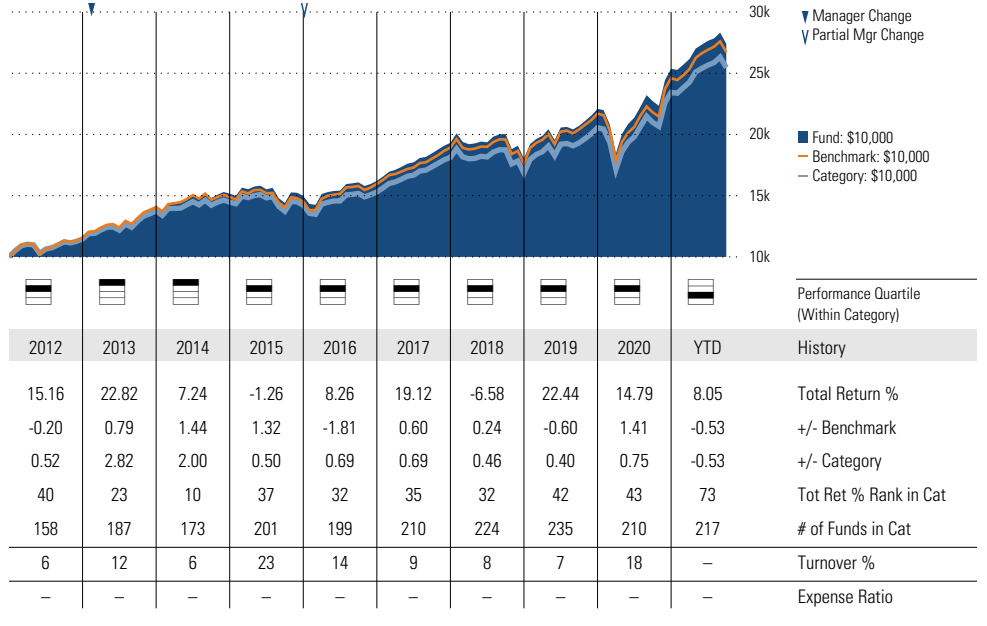
## Morningstar Investment Management LLC Analysis

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.

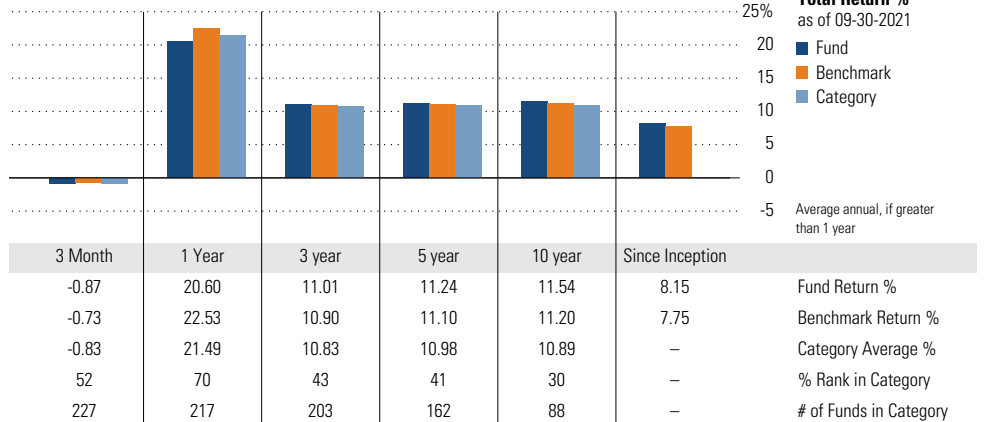
## ESG Metrics

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

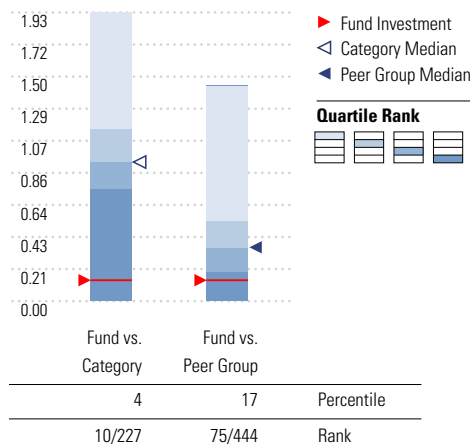
## Growth of \$10,000



## 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

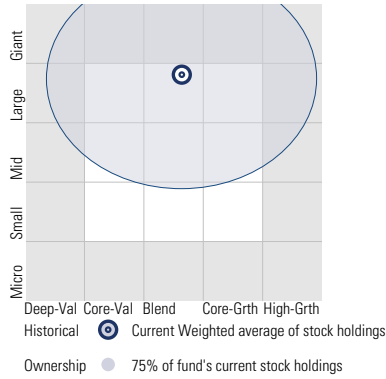
	Fund	Bmark	Cat
Price/Earnings Ratio	18.58	18.34	19.62
Price/Book Ratio	2.66	2.53	2.85
Avg Eff Duration	7.30	-	6.75

# Vanguard Target Retirement 2035 Inv VTTHX

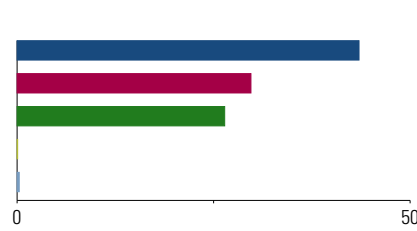
**Morningstar Category**  
Target-Date 2035

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

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

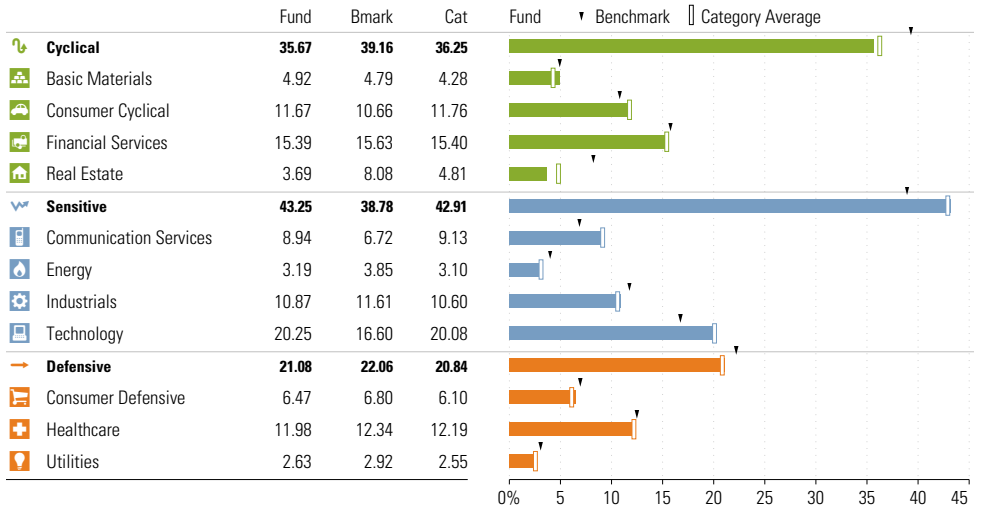


**Asset Allocation** as of 09-30-2021

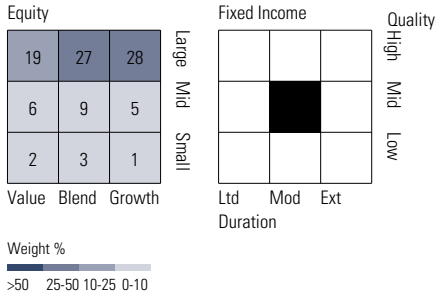


Asset Class	Net %	Cat%
US Stocks	43.50	44.21
Non-US Stocks	29.75	23.16
Bonds	26.41	19.30
Cash	0.07	2.30
Other	0.27	11.04
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**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.

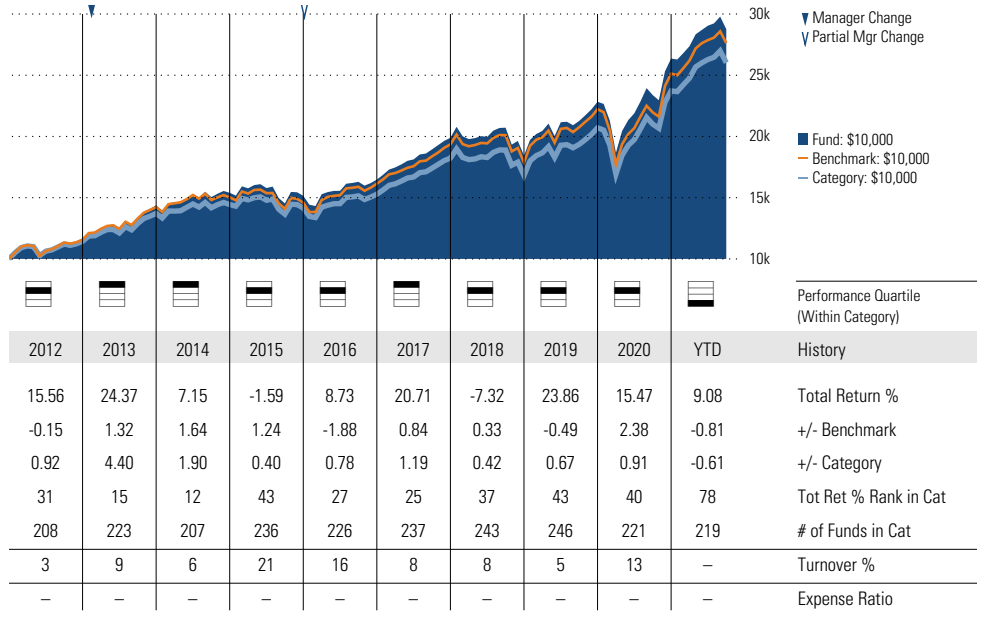
## Morningstar Investment Management LLC Analysis

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

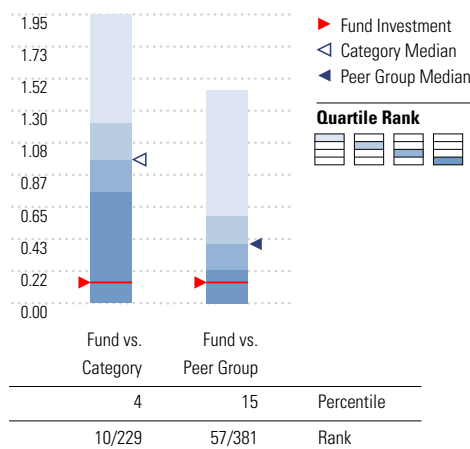
## Growth of \$10,000



## 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

	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

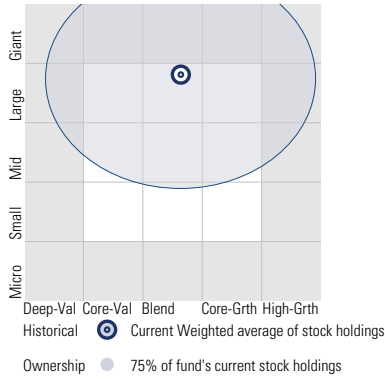
	Fund	Bmark	Cat
Price/Earnings Ratio	18.59	18.15	19.54
Price/Book Ratio	2.66	2.50	2.82
Avg Eff Duration	7.33	-	6.83

# Vanguard Target Retirement 2040 Inv VFORX

**Morningstar Category**  
Target-Date 2040

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

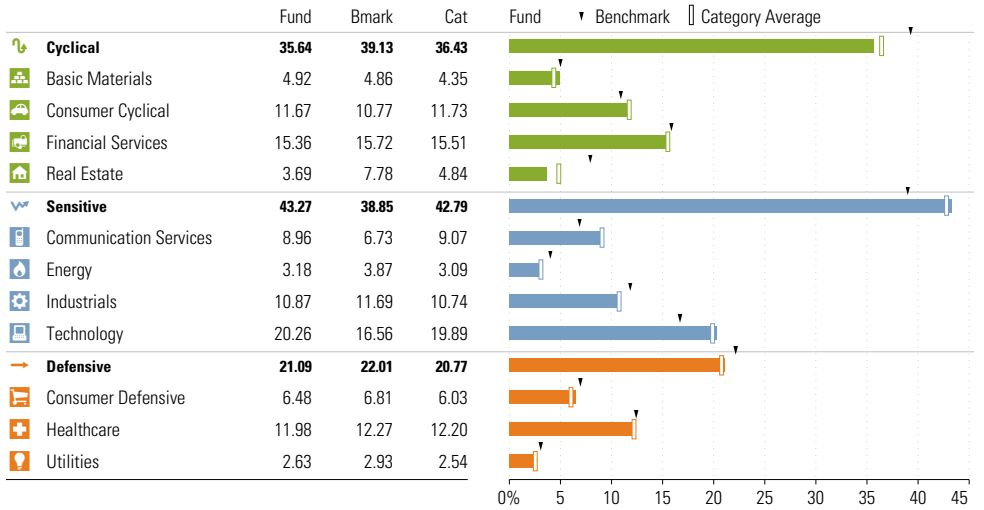
**Style Analysis** as of 09-30-2021  
Morningstar Style Box™



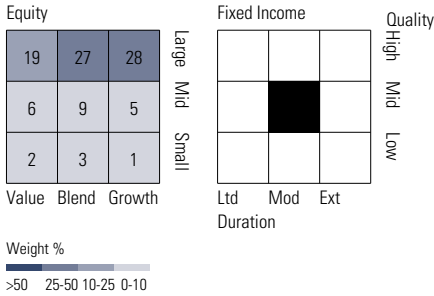
**Asset Allocation** as of 09-30-2021



**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.

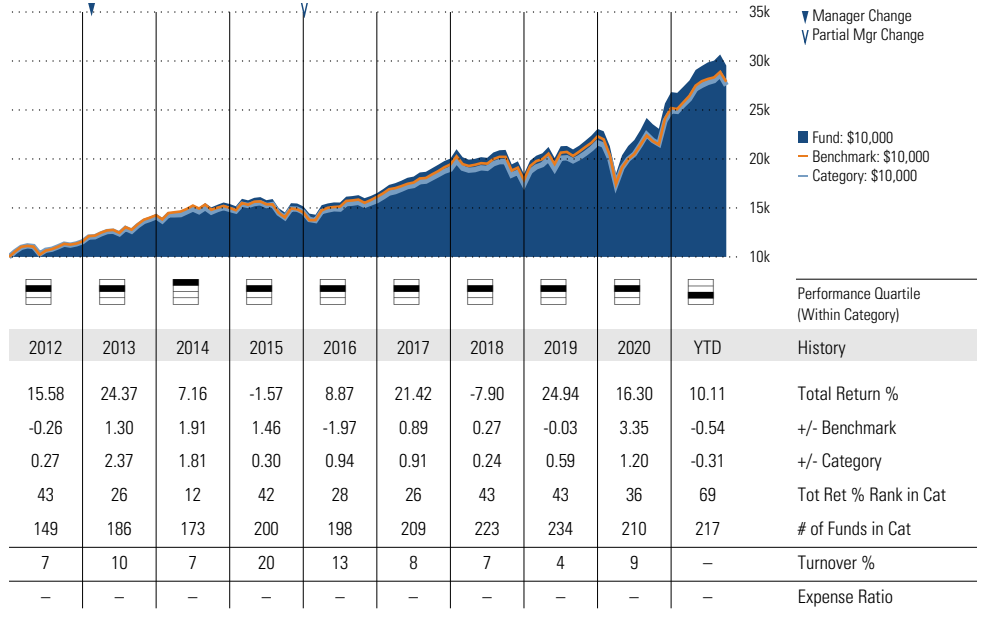
## Morningstar Investment Management LLC Analysis

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.

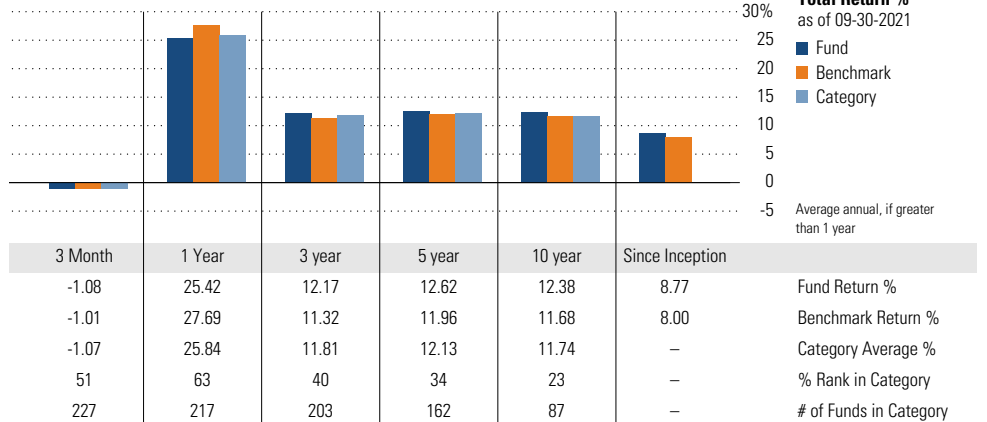
## ESG Metrics

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

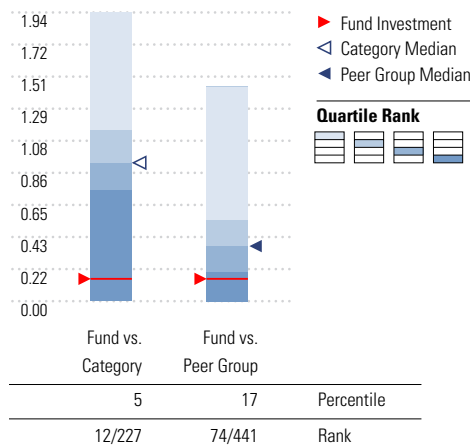
## Growth of \$10,000



## 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

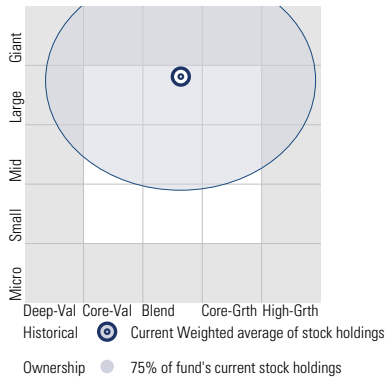
	Fund	Bmark	Cat
Price/Earnings Ratio	18.60	18.03	19.62
Price/Book Ratio	2.66	2.48	2.81
Avg Eff Duration	7.30	-	6.76

# Vanguard Target Retirement 2045 Inv VTIVX

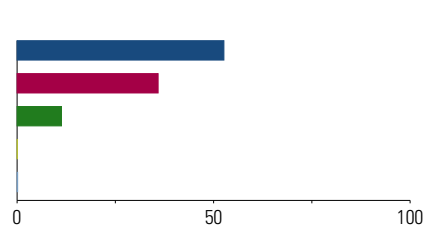
**Morningstar Category**  
Target-Date 2045

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

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

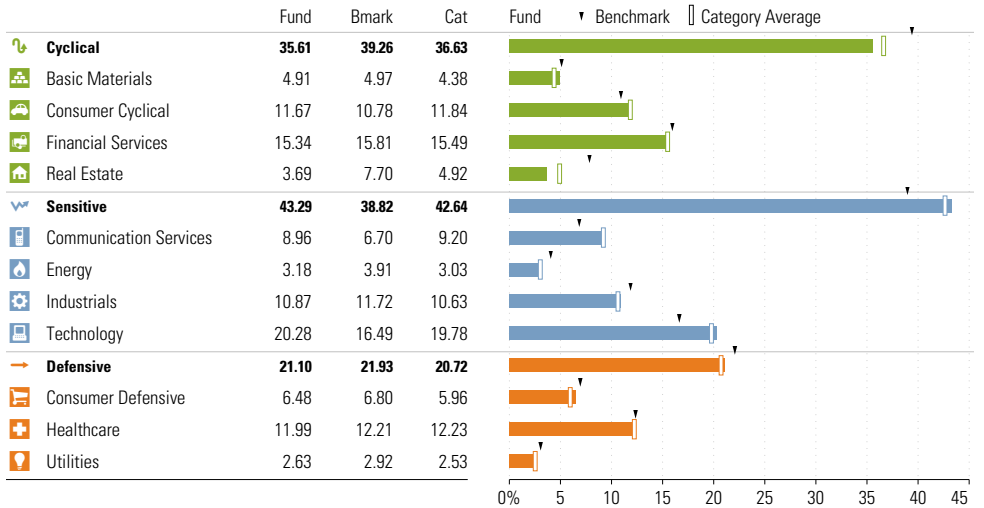


**Asset Allocation** as of 09-30-2021

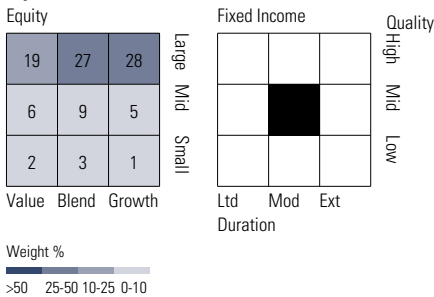


Asset Class	Net %	Cat%
US Stocks	52.62	52.56
Non-US Stocks	35.88	28.75
Bonds	11.29	7.07
Cash	0.07	1.89
Other	0.14	9.74
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**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.

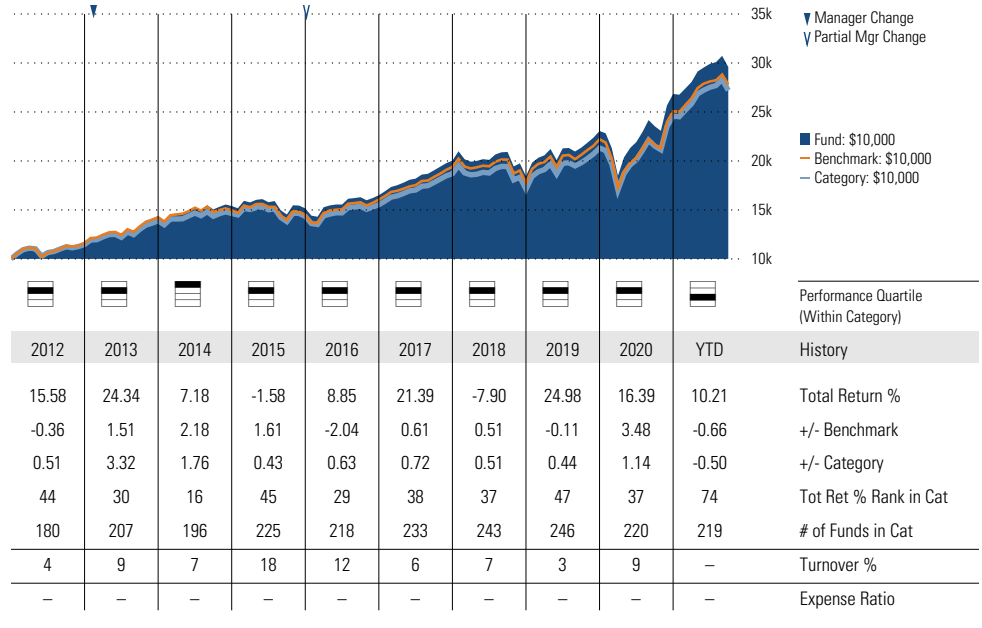
## Morningstar Investment Management LLC Analysis

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

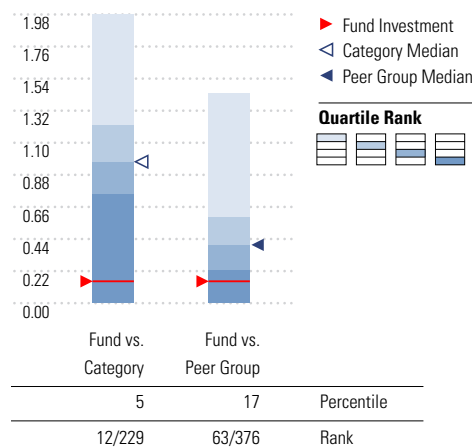
## Growth of \$10,000



## 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	1.25	-	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

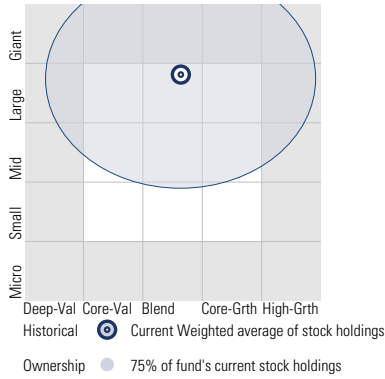
	Fund	Bmark	Cat
Price/Earnings Ratio	18.60	17.91	19.47
Price/Book Ratio	2.66	2.45	2.78
Avg Eff Duration	7.34	-	6.89

# Vanguard Target Retirement 2050 Inv VFIFX

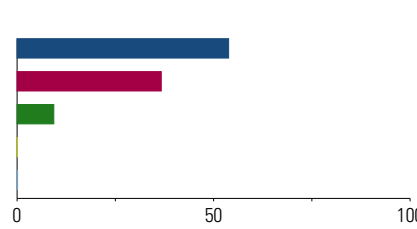
**Morningstar Category**  
Target-Date 2050

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

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

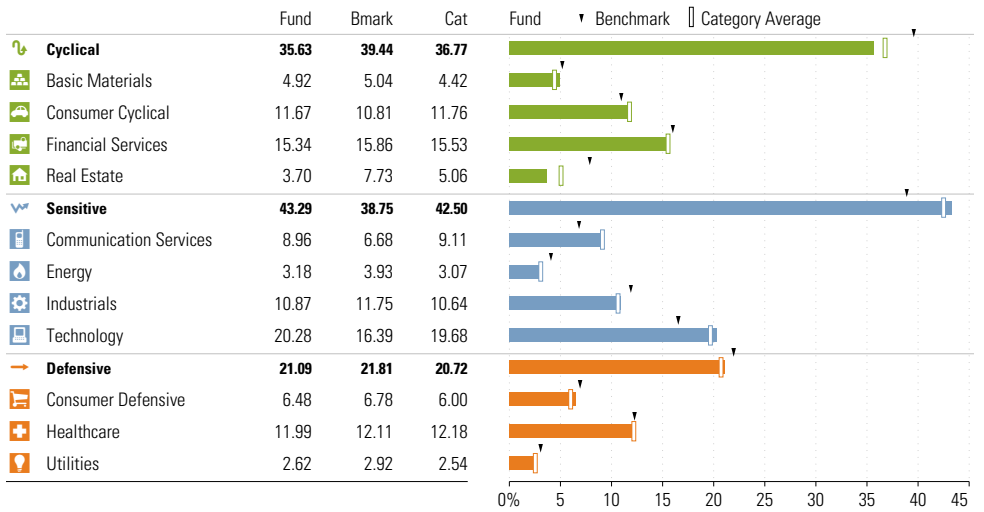


**Asset Allocation** as of 09-30-2021

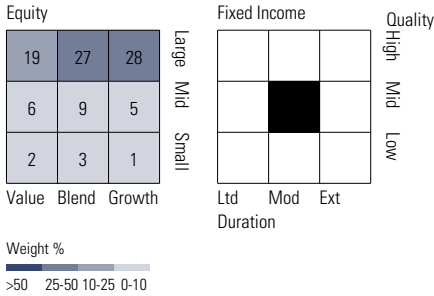


Asset Class	Net %	Cat%
US Stocks	53.82	53.76
Non-US Stocks	36.68	30.29
Bonds	9.34	5.90
Cash	0.04	1.58
Other	0.12	8.48
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**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.

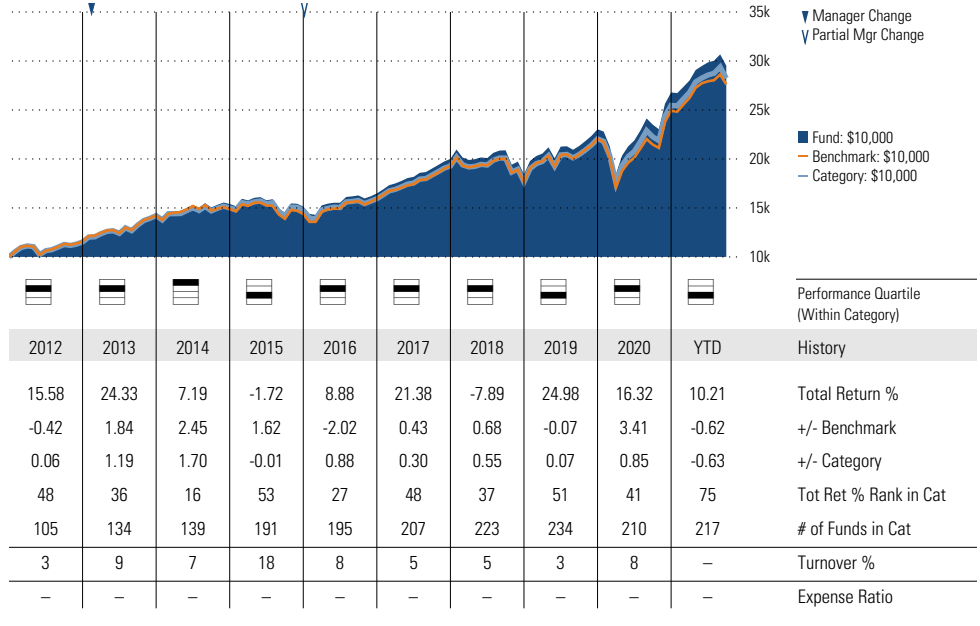
## Morningstar Investment Management LLC Analysis

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.

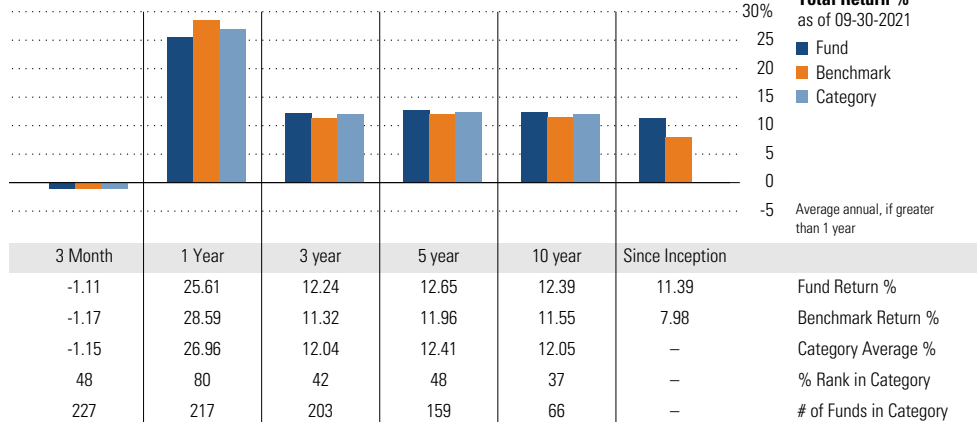
## ESG Metrics

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

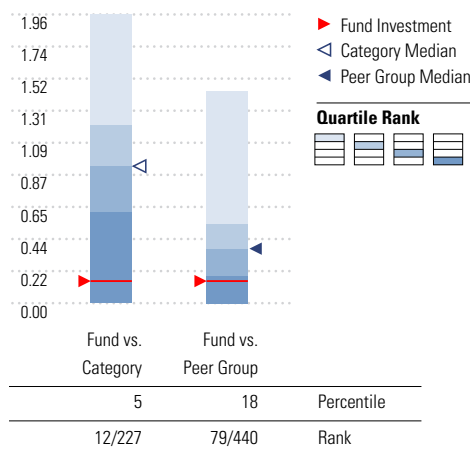
## Growth of \$10,000



## 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

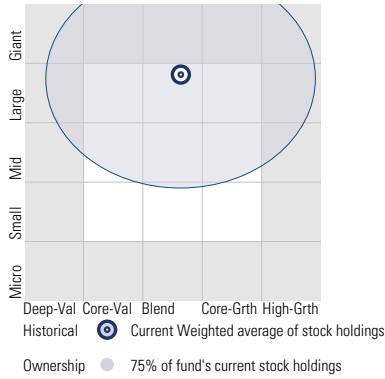
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.60	17.80	19.31
Price/Book Ratio	2.66	2.43	2.74
Avg Eff Duration	7.30	-	6.78

# Vanguard Target Retirement 2055 Inv VFFVX

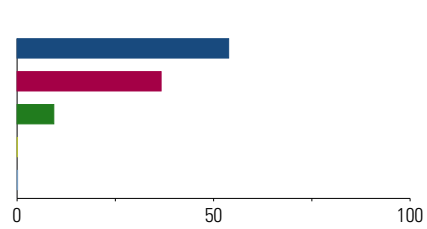
**Morningstar Category**  
Target-Date 2055

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

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

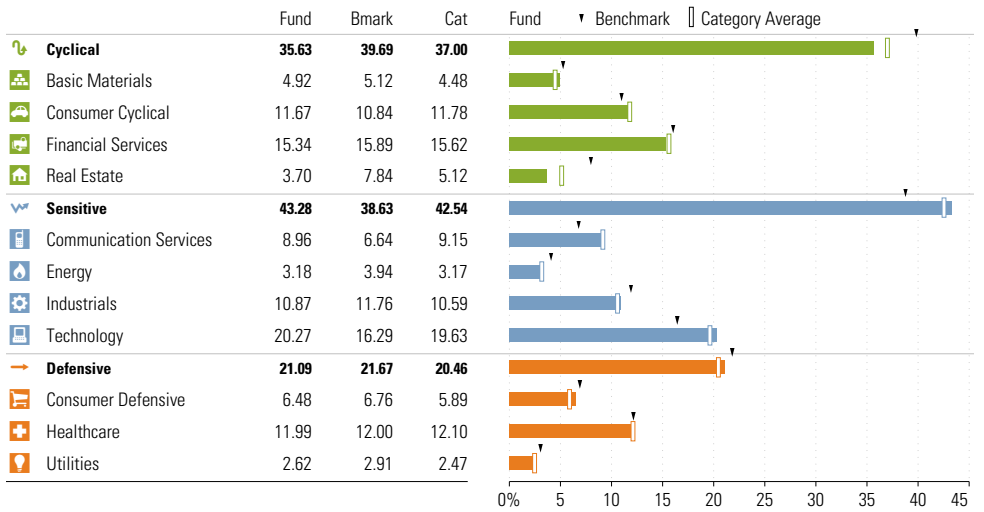


**Asset Allocation** as of 09-30-2021

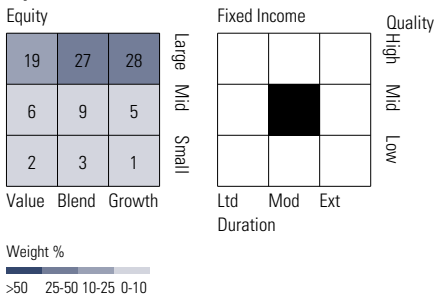


Asset Class	Net %	Cat%
US Stocks	53.83	54.41
Non-US Stocks	36.64	32.87
Bonds	9.34	4.74
Cash	0.07	1.72
Other	0.13	6.25
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**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.

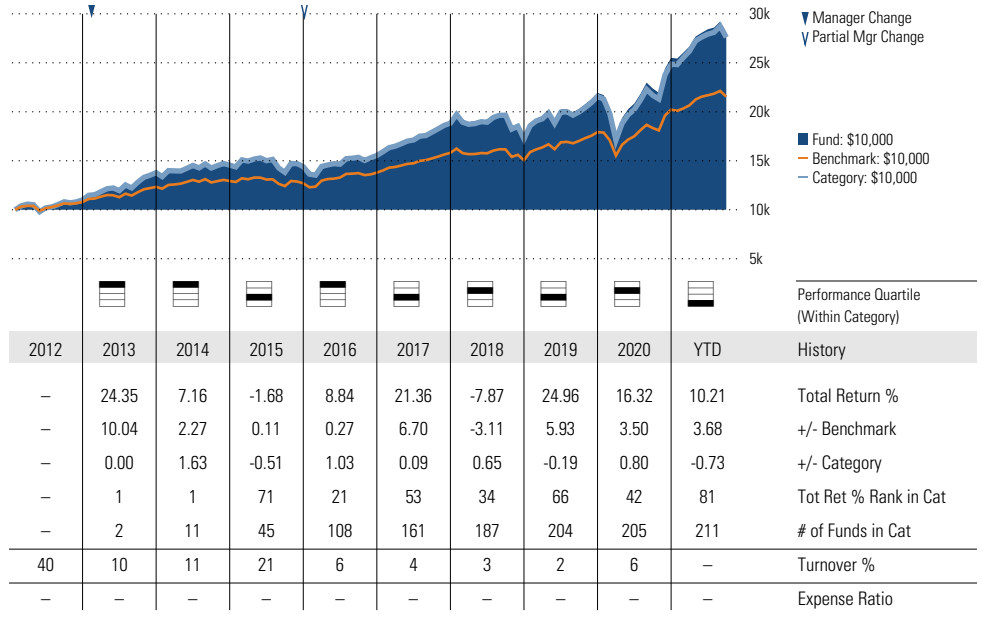
## Morningstar Investment Management LLC Analysis

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

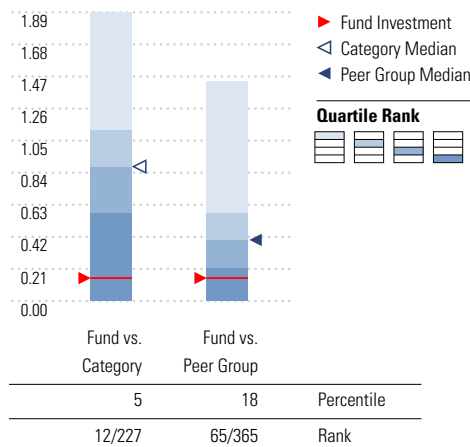
## Growth of \$10,000



## 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

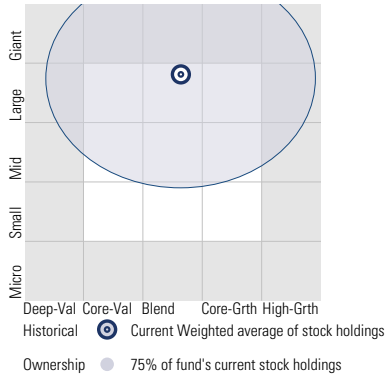
# Vanguard Target Retirement 2060 Inv VTTSX

**Morningstar Category**  
Target-Date 2060

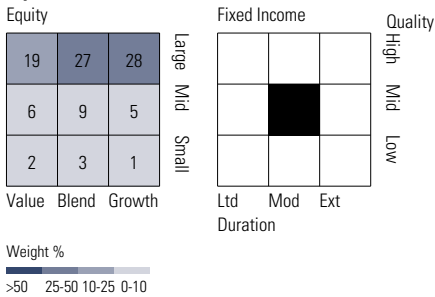
**Morningstar Index**  
Morningstar Mod Tgt Risk TR USD

## Style Analysis as of 09-30-2021

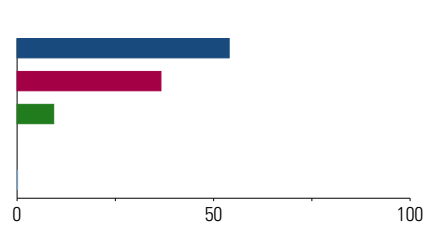
Morningstar Style Box™



## Style Breakdown

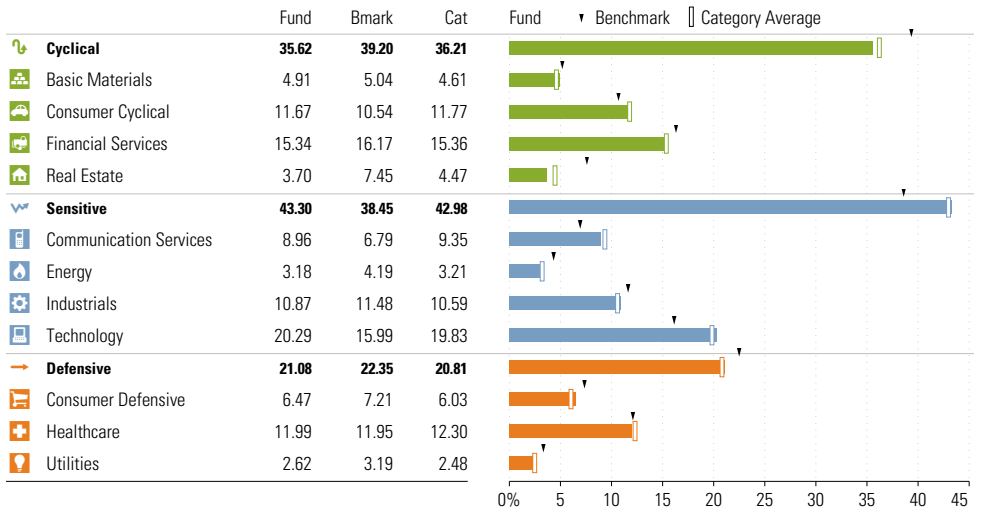


## Asset Allocation as of 09-30-2021



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.

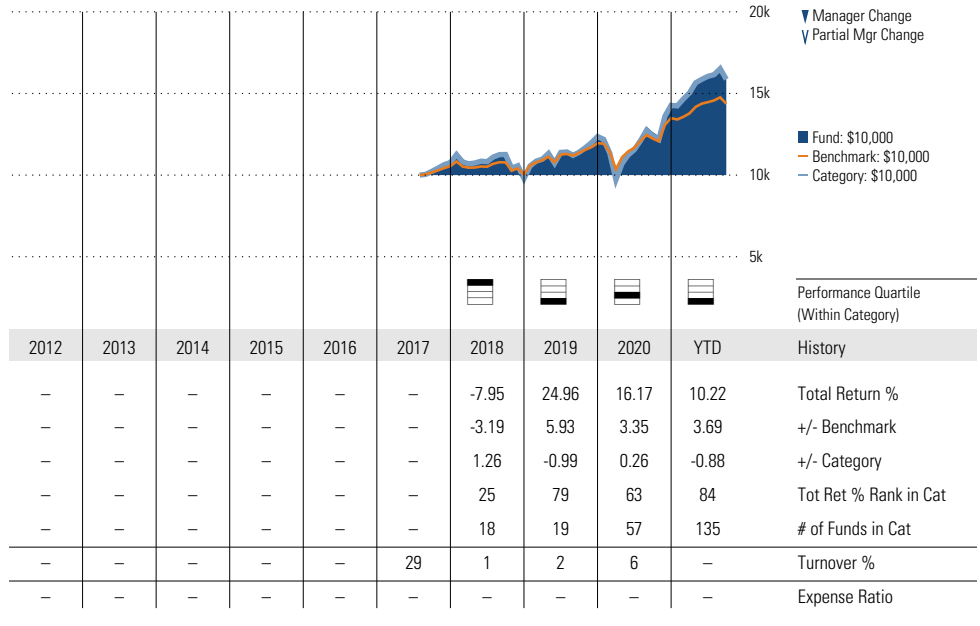
## Morningstar Investment Management LLC Analysis

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

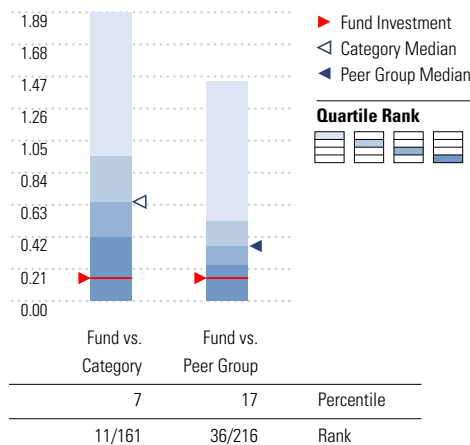
## Growth of \$10,000



## 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

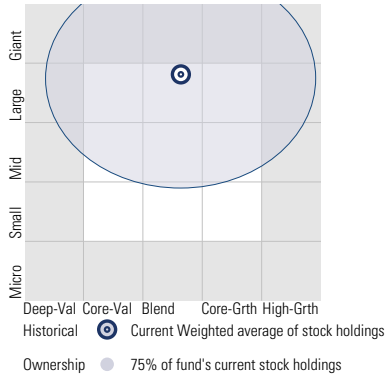
# Vanguard Target Retirement 2065 Inv VLXVX

**Morningstar Category**  
Target-Date 2065+

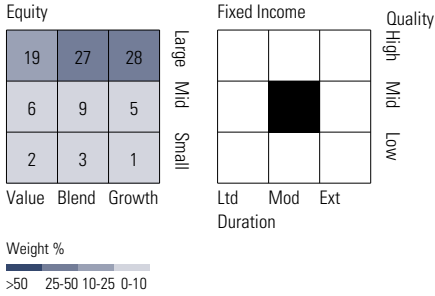
**Morningstar Index**  
Morningstar Mod Tgt Risk TR USD

## Style Analysis as of 09-30-2021

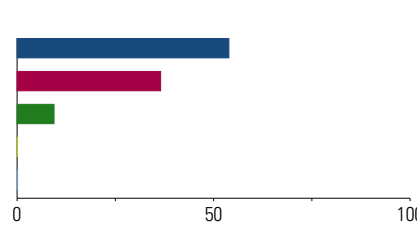
Morningstar Style Box™



## Style Breakdown

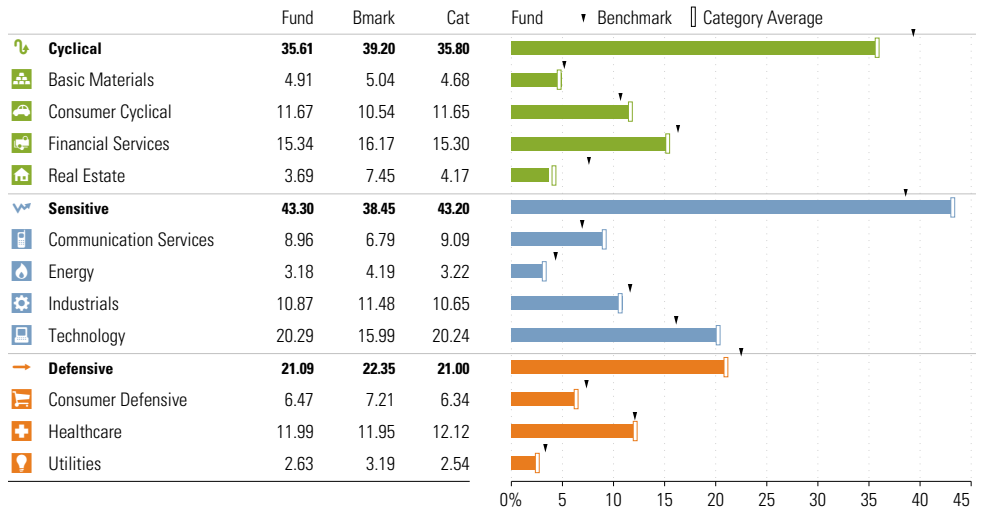


## Asset Allocation as of 09-30-2021



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.

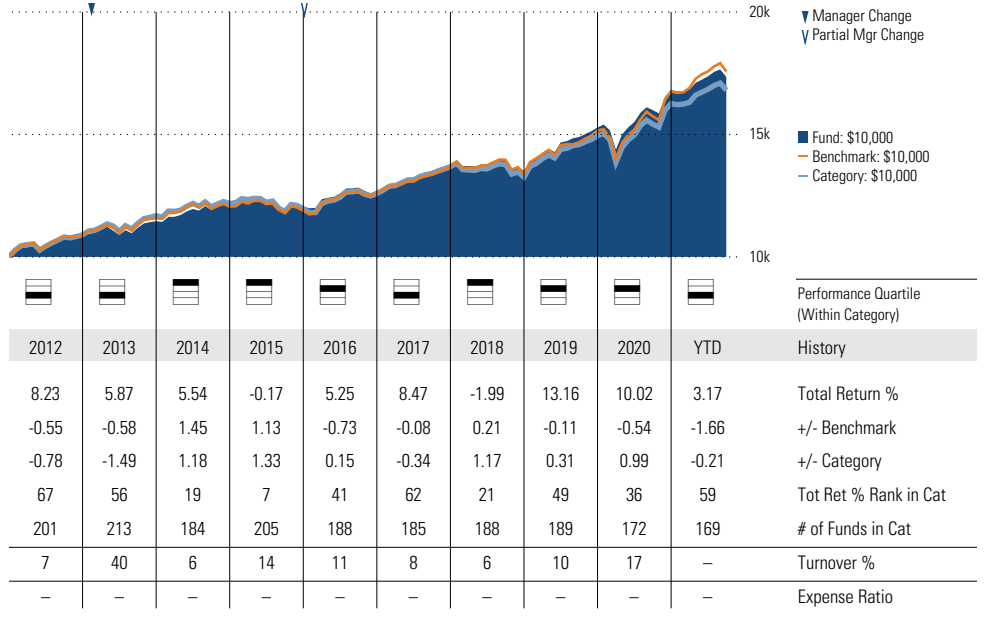
## Morningstar Investment Management LLC Analysis

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.

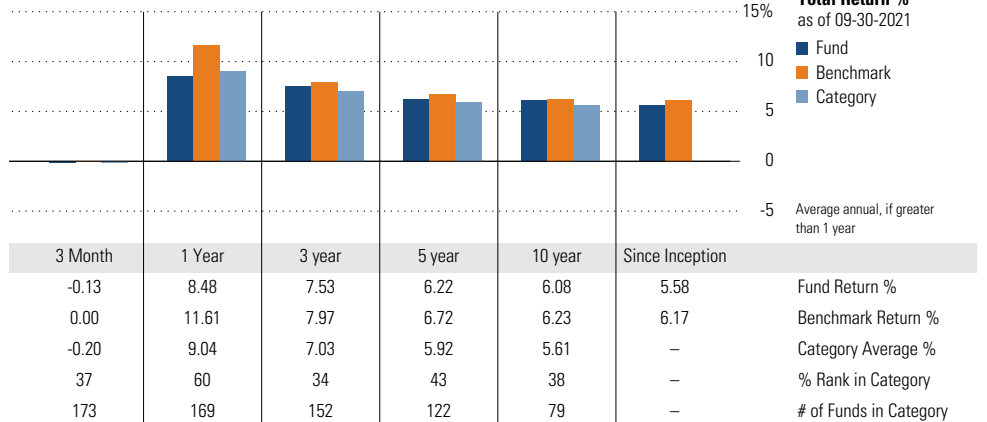
## ESG Metrics

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

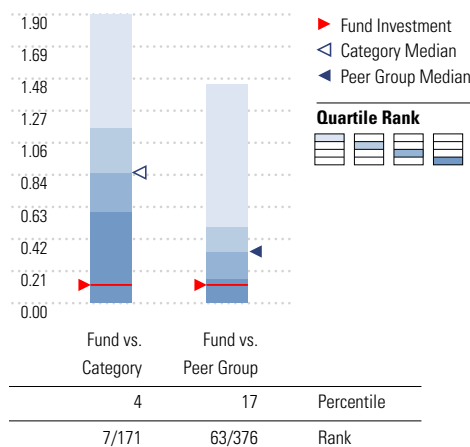
## Growth of \$10,000



## 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

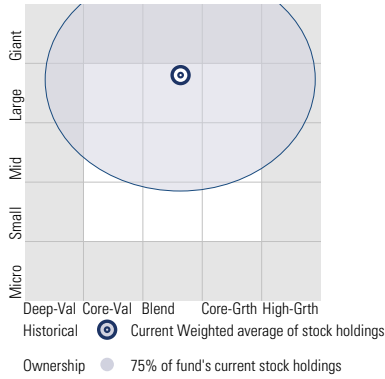
	Fund	Bmark	Cat
Price/Earnings Ratio	18.42	19.35	19.02
Price/Book Ratio	2.65	2.72	2.66
Avg Eff Duration	6.18	-	6.76

# Vanguard Target Retirement Income Inv VTINX

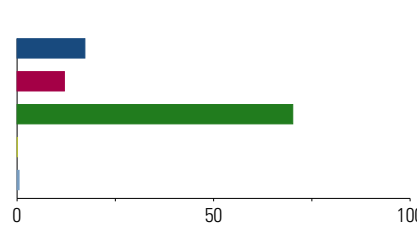
**Morningstar Category**  
Target-Date Retirement

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

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

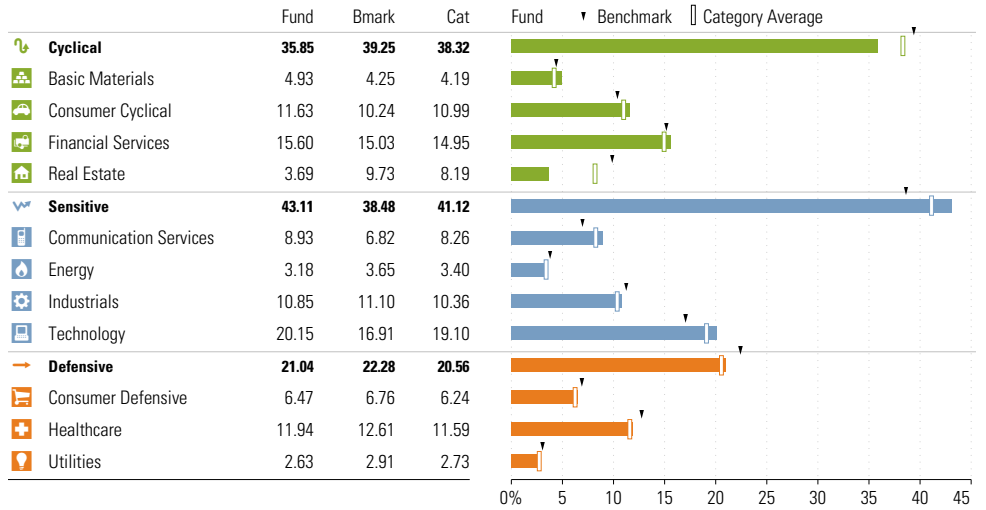


**Asset Allocation** as of 09-30-2021

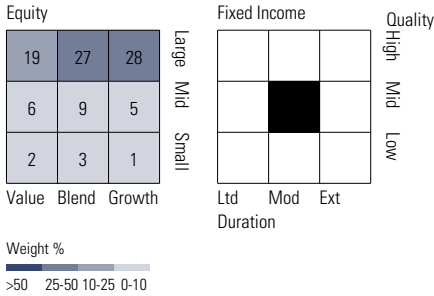


Asset Class	Net %	Cat%
US Stocks	17.25	17.54
Non-US Stocks	12.03	9.45
Bonds	70.14	53.91
Cash	0.08	5.65
Other	0.50	13.44
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**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