

# American Funds Intl Gr and Inc R6 RIGGX

**Morningstar Category**  
Foreign Large Blend

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

## Portfolio Manager(s)

Steven Watson since 10-2008  
 Andrew Suzman 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 13.5 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.

## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	02-28-2022
ESG Commitment	1-Low	02-15-2022
Carbon Risk Score	Low Risk	12-31-2021

## 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

Metric	Fund	Bmark	Cat
Alpha	-0.46	-	0.12
Beta	1.11	-	1.00
R-Squared	97.14	-	93.68
Standard Deviation	18.94	16.88	17.51
Sharpe Ratio	0.45	0.47	0.47
Tracking Error	3.67	-	4.46
Information Ratio	0.02	-	0.03
Up Capture Ratio	107.39	-	100.75
Down Capture Ratio	109.36	-	100.82

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	14.56	13.81	14.09
Price/Book Ratio	1.99	1.78	1.79
Geom Avg Mkt Cap \$B	52.87	45.25	51.25
ROE	20.84	18.45	19.89

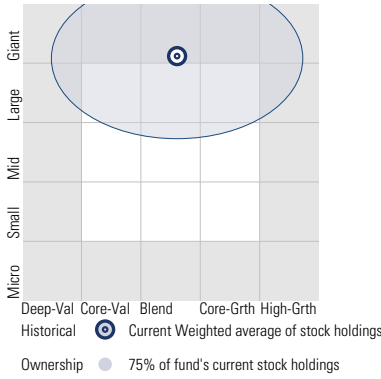
# American Funds Intl Gr and Inc R6 RIGGX

**Morningstar Category**  
Foreign Large Blend

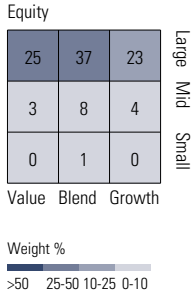
**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Style Analysis as of 03-31-2022

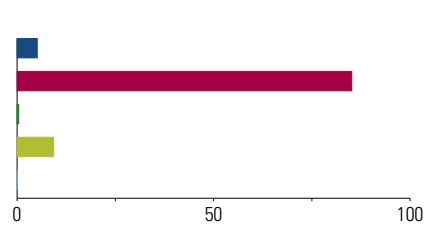
Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	5.13	3.24
Non-US Stocks	85.15	94.72
Bonds	0.40	0.04
Cash	9.31	1.42
Other	0.01	0.61
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2022



## World Regions % Equity 03-31-2022



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	29.77	35.41	Americas	15.77	8.71	Greater Europe	54.47	55.90	Developed Markets	84.35
Japan	5.98	18.15	North America	11.03	7.56	United Kingdom	15.36	13.12	Emerging Markets	15.65
Australasia	0.69	5.00	Central/Latin	4.74	1.15	W euro-ex UK	38.33	41.43	Not Available	0.00
Asia-4 Tigers	12.89	7.10				Emrgng Europe	0.33	0.28		
Asia-ex 4 Tigers	10.21	5.16				Africa	0.45	1.07		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 03-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash M	9.16	9.16	-	-
⊖ Taiwan Semiconductor Manufacturing Co Ltd	3.53	12.70	-2.48	Technology
⊕ British American Tobacco PLC	2.85	15.55	18.86	Consumer Defensive
AstraZeneca PLC	2.70	18.25	18.43	Healthcare
ASML Holding NV	2.20	20.45	-13.68	Technology
⊕ Airbus SE	1.78	22.23	-1.78	Industrials
⊖ Tokyo Electron Ltd	1.66	23.89	-3.74	Technology
⊖ Philip Morris International Inc	1.47	25.36	0.20	Consumer Defensive
⊕ AXA SA	1.47	26.83	1.45	Financial Services
⊖ Vale SA	1.46	28.29	27.40	Basic Materials

**Total Holdings 251**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# American Funds New Perspective R6 RNPGX

**Morningstar Category**  
World Large-Stock Growth

**Morningstar Index**  
MSCI ACWI NR USD

## Portfolio Manager(s)

Robert Lovelace since 12-2000  
Jonathan Knowles since 12-2004  
Joanna Jonsson since 12-2005  
Steven Watson since 12-2005  
Brady Enright since 12-2005  
Noriko Chen since 04-2012  
Andraz Razen since 07-2015  
Barbara Burtin since 12-2018  
Patrice Collette since 12-2018

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 21.34 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 0.41 is 63.06% lower than the World Large-Stock Growth category average.

## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	02-28-2022
ESG Commitment	2-Basic	02-15-2022
Carbon Risk Score	Low Risk	12-31-2021

## 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

Metric	Fund	Bmark	Cat
Alpha	2.65	-	0.82
Beta	1.07	-	1.01
R-Squared	95.13	-	86.16
Standard Deviation	18.94	17.22	18.85
Sharpe Ratio	0.92	0.80	0.78
Tracking Error	4.37	-	6.95
Information Ratio	0.89	-	0.08
Up Capture Ratio	113.37	-	102.58
Down Capture Ratio	103.47	-	101.07

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	22.21	17.88	25.64
Price/Book Ratio	4.09	2.75	4.70
Geom Avg Mkt Cap \$B	141.24	111.50	136.40
ROE	25.30	26.90	25.93

# American Funds New Perspective R6 RNPGX

**Morningstar Category**  
World Large-Stock Growth

**Morningstar Index**  
MSCI ACWI NR USD

## Style Analysis as of 03-31-2022

Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	55.48	57.51
Non-US Stocks	39.92	39.49
Bonds	0.00	0.00
Cash	4.60	2.40
Other	0.00	0.59
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2022



## World Regions % Equity 03-31-2022



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	12.20	13.62	Americas	62.80	62.18	Greater Europe	25.03	24.19	Developed Markets	95.67
Japan	3.17	3.85	North America	60.48	60.97	United Kingdom	4.25	4.94	Emerging Markets	4.33
Australasia	0.44	0.36	Central/Latin	2.32	1.21	W euro-ex UK	20.36	18.89	Not Available	0.00
Asia-4 Tigers	6.86	4.75				Emrgng Europe	0.00	0.14		
Asia-ex 4 Tigers	1.73	4.66				Africa	0.42	0.22		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 03-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Tesla Inc	8.46	8.46	1.97	Consumer Cyclical
⊕ Capital Group Central Cash Fund	4.87	13.33	—	—
⊕ Microsoft Corp	4.10	17.43	-8.14	Technology
⊖ Taiwan Semiconductor Manufacturing Co Ltd	2.87	20.30	-2.48	Technology
⊖ Meta Platforms Inc Class A	2.14	22.44	-33.89	Communication Svc
⊖ Amazon.com Inc	2.09	24.53	-2.23	Consumer Cyclical
⊖ Alphabet Inc Class C	1.48	26.01	-3.48	Communication Svc
⊖ Alphabet Inc Class A	1.45	27.46	-3.99	Communication Svc
⊖ ASML Holding NV	1.40	28.85	-13.68	Technology
⊖ Broadcom Inc	1.21	30.06	-4.75	Technology

**Total Holdings 305**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# BlackRock High Yield Bond Instl BHYX

**Morningstar Category**  
High Yield Bond

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 14.26 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.58 is 36.96% lower than the High Yield Bond category average.

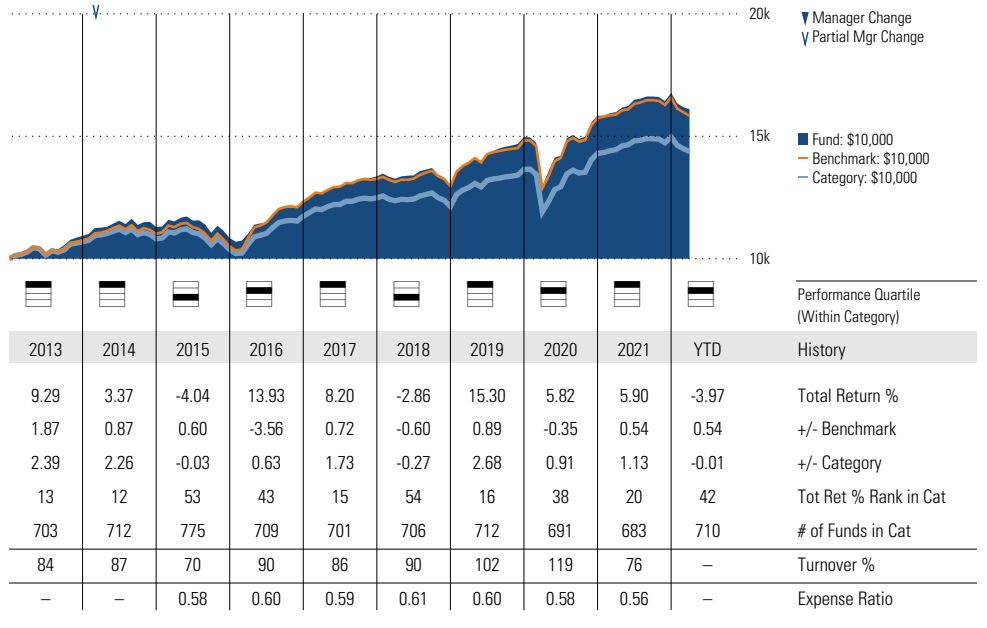
## Morningstar Investment Management LLC Analysis

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

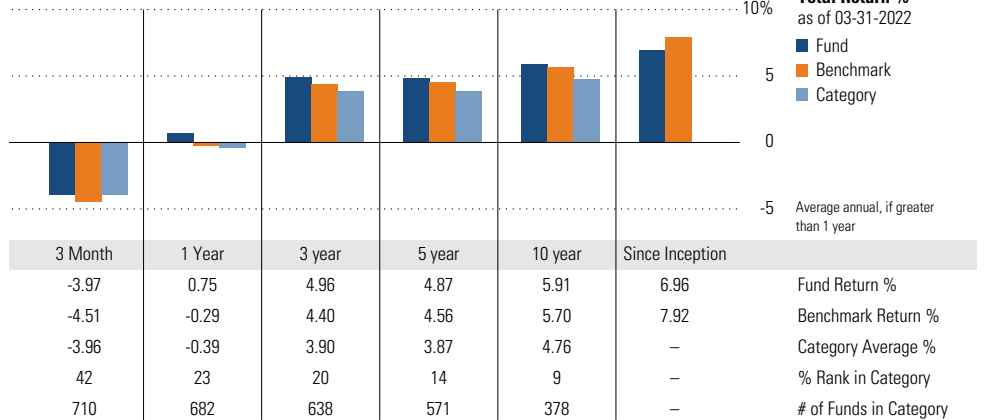
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	2-Basic	02-15-2022

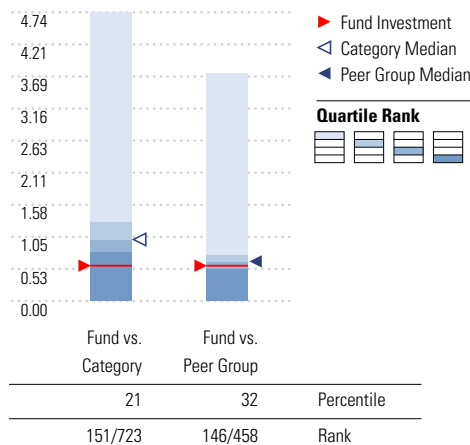
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.48	-	-0.26
Beta	1.02	-	0.97
R-Squared	99.17	-	95.71
Standard Deviation	9.44	9.23	9.15
Sharpe Ratio	0.49	0.44	0.41
Tracking Error	0.88	-	2.20
Information Ratio	0.64	-	-0.21
Up Capture Ratio	103.96	-	94.11
Down Capture Ratio	98.94	-	96.34

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	3.81	-	3.65
Avg Eff Maturity	7.14	-	5.52

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

# BlackRock High Yield Bond Instl BHYIX

**Morningstar Category**  
High Yield Bond

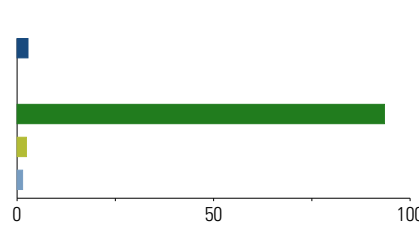
**Morningstar Index**  
ICE BofA US High Yield TR USD

## Style Analysis as of 03-31-2022

### Style Breakdown



## Asset Allocation as of 03-31-2022

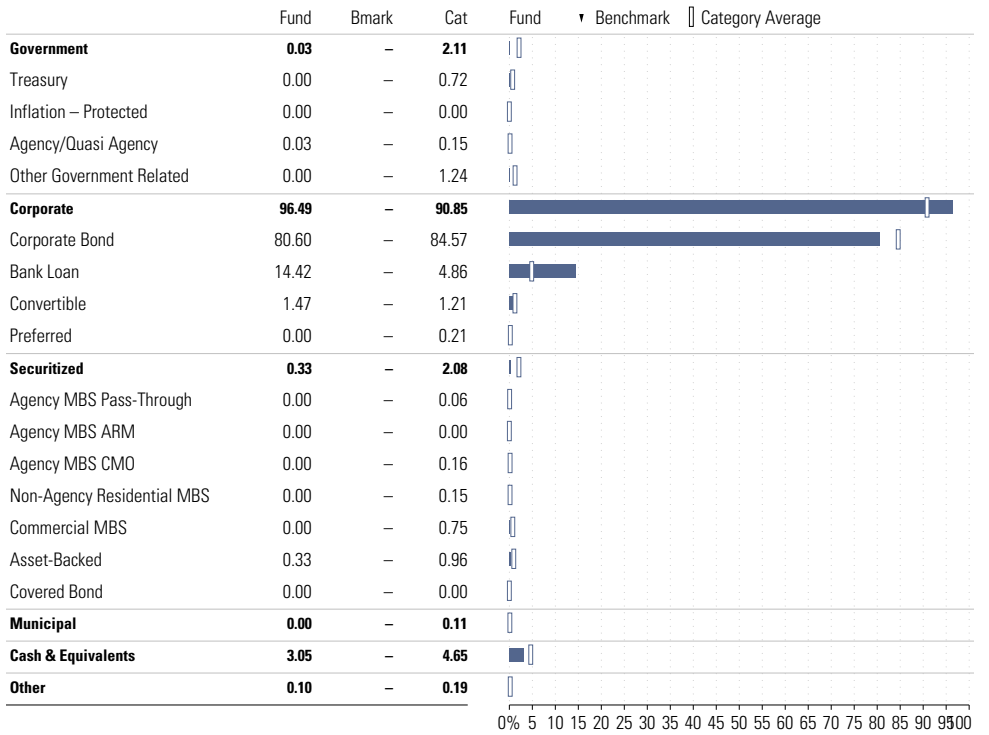


Asset Class	Net %	Cat%
US Stocks	2.77	1.06
Non-US Stocks	0.00	0.00
Bonds	93.46	94.30
Cash	2.37	2.82
Other	1.40	1.82
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	2.40	-	1.18
AA	0.00	-	0.05
A	0.16	-	0.13
BBB	1.63	-	3.99
BB	35.33	-	36.62
B	41.99	-	35.10
Below B	15.84	-	20.49
Not Rated	2.65	-	2.43

## Sector Weighting as of 03-31-2022



## Top 10 Holdings as of 03-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
BlackRock Liquidity T-Fund Instl	-	2.61	2.61	-
TransDigm, Inc. 6.25%	03-2026	1.34	3.95	-
iShares iBoxx \$ High Yield Corp Bd ETF	-	0.78	4.73	-
Clarios Global Lp 8.5%	05-2027	0.73	5.47	-
Ascent Resources Utica Holdings LI TI	11-2025	0.69	6.15	-
Altice France Holdings S A 10.5%	05-2027	0.68	6.83	-
Brand Energy & Infrastructure Serv TI	06-2024	0.56	7.40	-
Alliant Holdings Intermediate LLC/Alliant Holdings Co-Issuer Inc 6.75%	10-2027	0.53	7.93	-
Athenahealth Group Inc TI-B	02-2029	0.52	8.45	-
Verscend Escrow Corp 9.75%	08-2026	0.52	8.97	-

**Total Holdings 1625**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# BlackRock Inflation Protected Bond Instl BPRIX

**Morningstar Category**  
Inflation-Protected Bond

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 5.13 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.44 is 25.42% lower than the Inflation-Protected Bond category average.

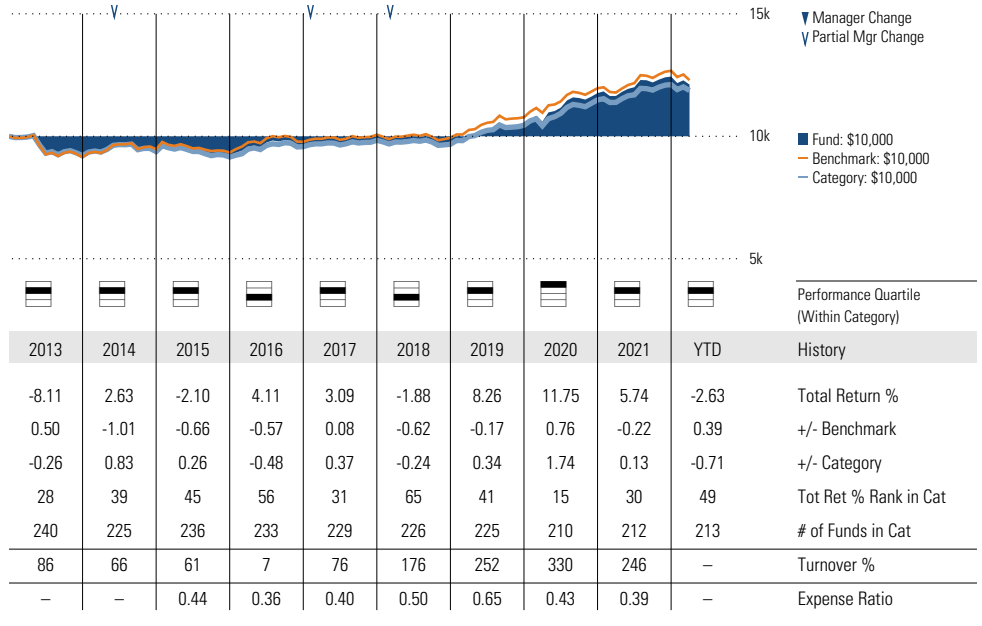
## Morningstar Investment Management LLC Analysis

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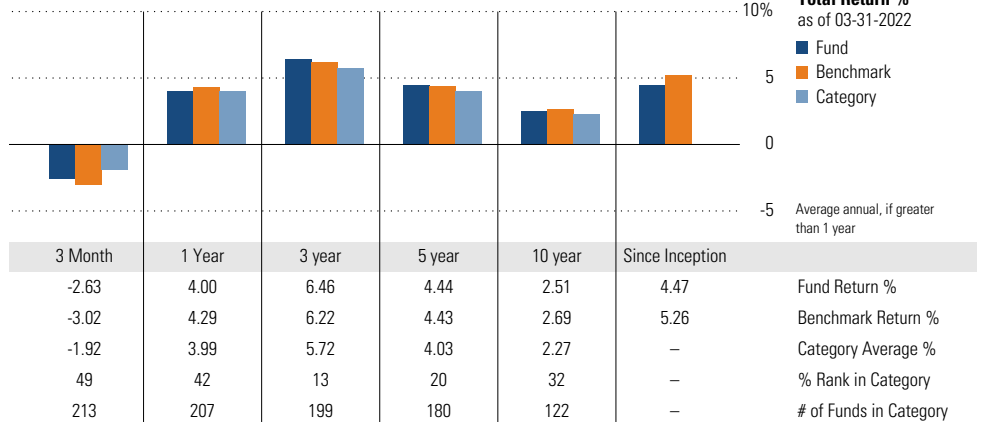
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	02-28-2022

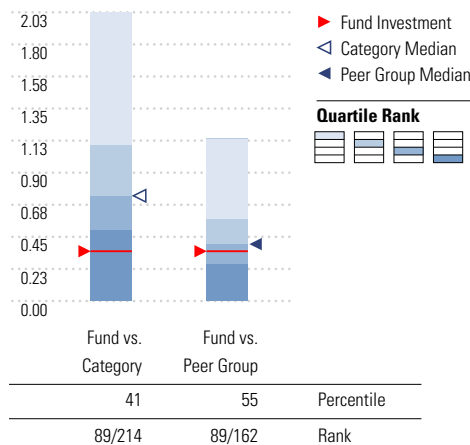
## Growth of \$10,000



## 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	0.23	-	0.12
Beta	1.00	-	0.89
R-Squared	96.72	-	78.62
Standard Deviation	4.41	4.33	4.52
Sharpe Ratio	1.29	1.27	1.17
Tracking Error	0.80	-	2.27
Information Ratio	0.31	-	-0.47
Up Capture Ratio	101.34	-	89.99
Down Capture Ratio	97.16	-	89.93

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	6.86	4.52	6.20
Avg Eff Maturity	9.04	-	6.87

# BlackRock Inflation Protected Bond Instl BPRIX

**Morningstar Category**  
Inflation-Protected Bond

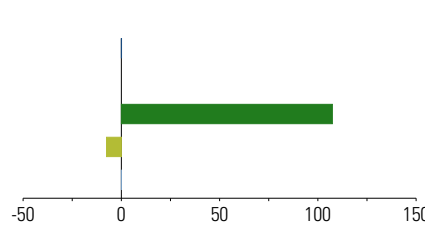
**Morningstar Index**  
BBgBarc US Treasury US TIPS TR USD

## Style Analysis as of 03-31-2022

### Style Breakdown



## Asset Allocation as of 03-31-2022

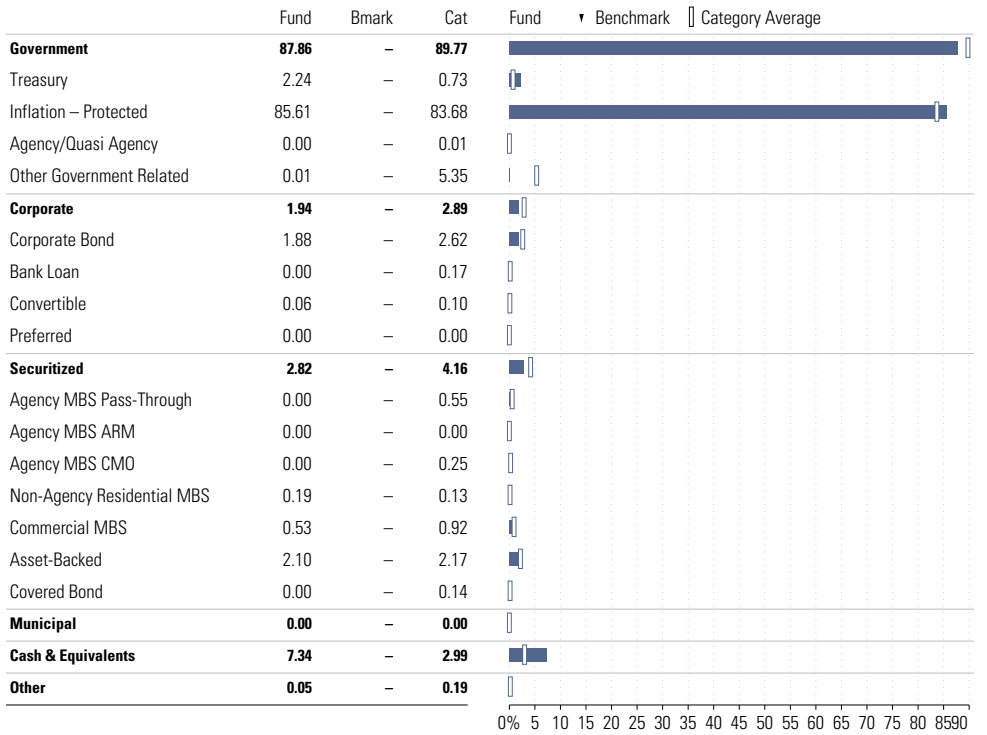


Asset Class	Net %	Cat%
US Stocks	0.09	0.05
Non-US Stocks	0.00	0.00
Bonds	107.38	97.98
Cash	-7.54	1.52
Other	0.07	0.43
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	96.11	0.00	96.97
AA	0.71	99.60	0.27
A	0.21	0.00	0.47
BBB	0.57	0.00	0.87
BB	0.45	0.00	0.20
B	0.00	0.00	0.13
Below B	0.00	0.00	0.07
Not Rated	1.95	0.40	1.02

## Sector Weighting as of 03-31-2022



## Top 10 Holdings as of 03-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Rrp Treasury (Cpi) Note	-	9.73	9.73	-
⊖ Usd Cash(Alpha Committed)	-	5.92	15.65	-
⊕ United States Treasury Notes 0.125%	01-2030	4.04	19.69	-
⊕ United States Treasury Notes 0.375%	07-2023	3.78	23.47	-
⊕ United States Treasury Notes 0.625%	01-2024	3.61	27.08	-
⊕ Federal National Mortgage Association 3%	05-2022	3.54	30.62	-
⊕ United States Treasury Notes 0.125%	07-2031	3.42	34.04	-
⊕ United States Treasury Notes 0.625%	04-2023	3.35	37.39	-
⊕ United States Treasury Notes 0.375%	07-2025	3.32	40.71	-
⊕ United States Treasury Notes 0.125%	07-2024	3.27	43.98	-

**Total Holdings 267**

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# Delaware Emerging Markets Instl DEMIX

**Morningstar Category**  
Diversified Emerging Mkts

**Morningstar Index**  
MSCI EM NR USD

## Portfolio Manager(s)

Liu-Er Chen since 09-2006

## Quantitative Screens

✔ **Performance:** The fund has finished in the Diversified Emerging Mkts 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 15.52 years.

✔ **Style:** The fund has landed in its primary style box — Large Blend — 96.97 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 1.23 is 4.24% higher than the Diversified Emerging Mkts category average.

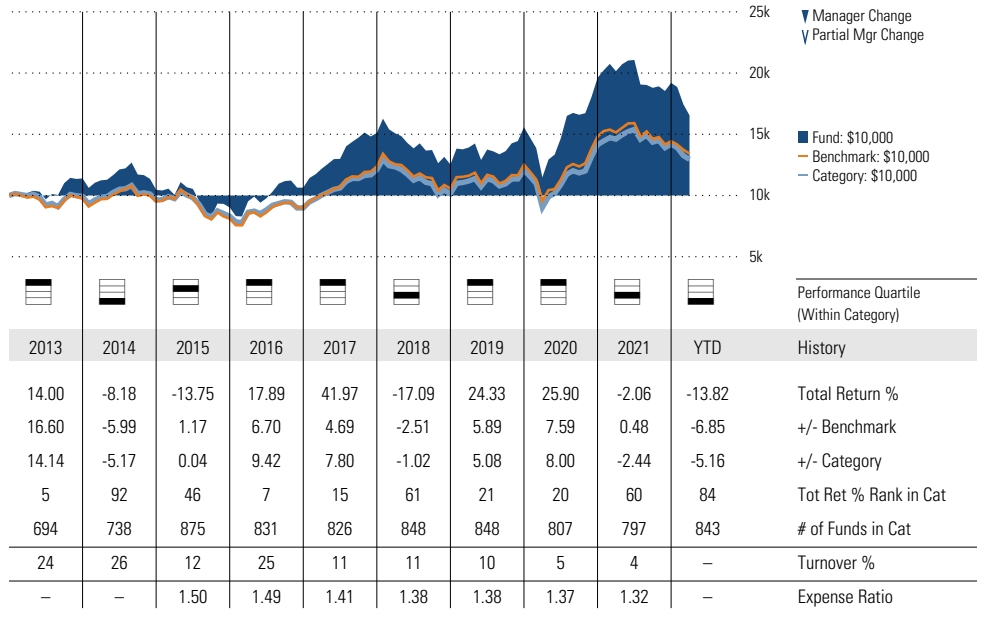
## Morningstar Investment Management LLC Analysis

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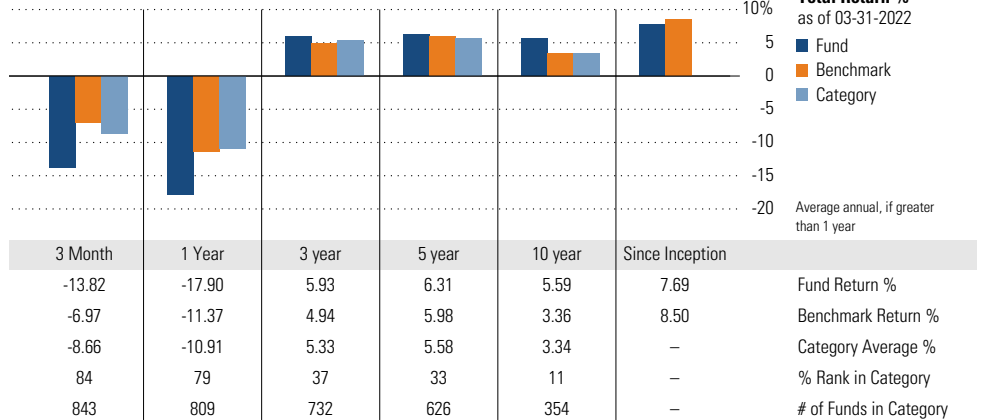
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	02-28-2022
Carbon Risk Score	Medium Risk	12-31-2021

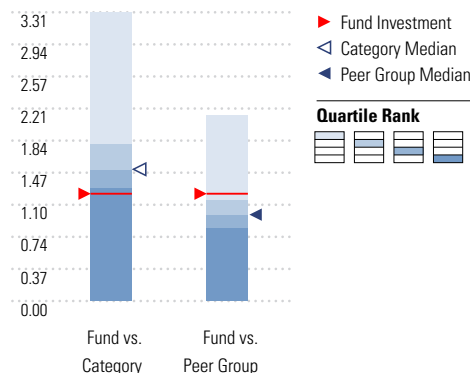
## Growth of \$10,000



## 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

Metric	Fund	Bmark	Cat
Alpha	0.73	-	0.37
Beta	1.14	-	1.00
R-Squared	91.86	-	88.96
Standard Deviation	21.72	18.28	19.51
Sharpe Ratio	0.34	0.32	0.32
Tracking Error	6.69	-	6.33
Information Ratio	0.15	-	-0.01
Up Capture Ratio	113.25	-	101.11
Down Capture Ratio	111.25	-	100.73

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	14.04	12.40	11.75
Price/Book Ratio	1.86	1.77	2.10
Geom Avg Mkt Cap \$B	71.96	40.80	48.50
ROE	19.38	18.08	19.38

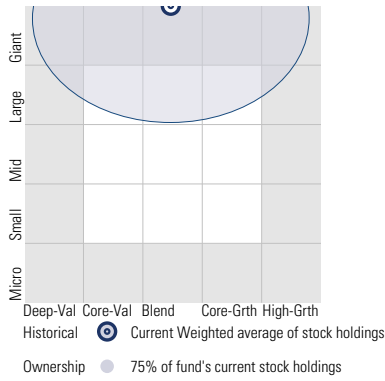
# Delaware Emerging Markets Instl DEMIX

**Morningstar Category**  
Diversified Emerging Mkts

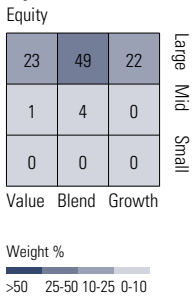
**Morningstar Index**  
MSCI EM NR USD

## Style Analysis as of 03-31-2022

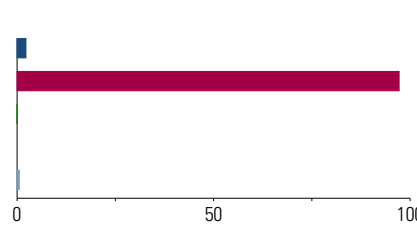
Morningstar Style Box™



## Style Breakdown

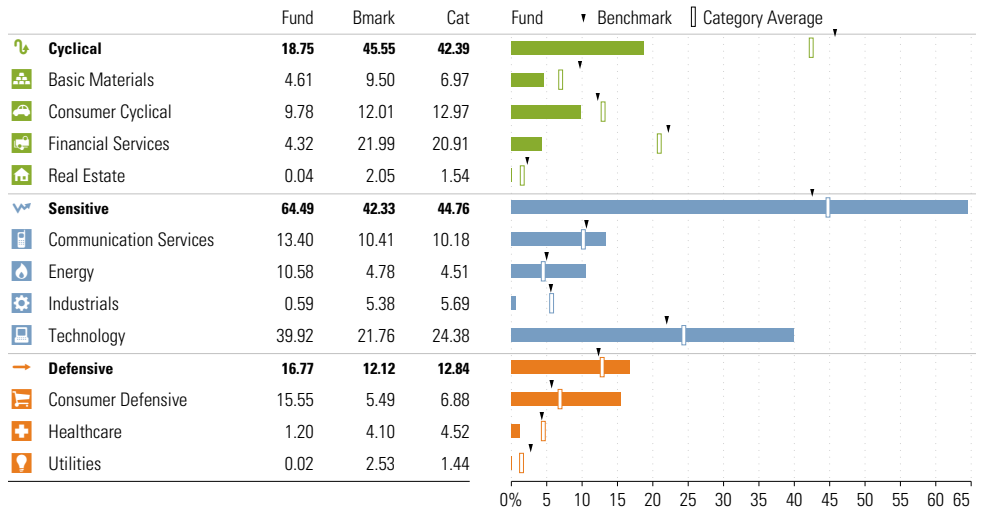


## Asset Allocation as of 03-31-2022

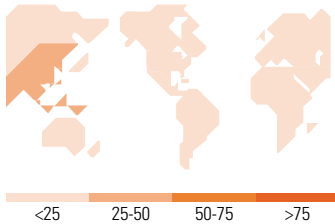


Asset Class	Net %	Cat%
US Stocks	2.25	2.90
Non-US Stocks	97.20	94.97
Bonds	0.01	0.01
Cash	0.00	2.35
Other	0.55	-0.24
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2022



## World Regions % Equity 03-31-2022



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	82.35	75.23	Americas	13.94	12.82	Greater Europe	3.70	11.97	Developed Markets	43.16
Japan	0.00	0.13	North America	2.26	2.77	United Kingdom	0.40	0.75	Emerging Markets	56.84
Australasia	0.43	0.06	Central/Latin	11.68	10.05	W euro-ex UK	0.21	2.03	Not Available	0.00
Asia-4 Tigers	39.79	28.36				Emrgng Europe	2.84	3.85		
Asia-ex 4 Tigers	42.13	46.68				Africa	0.25	5.34		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 03-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Taiwan Semiconductor Manufacturing Co Ltd	11.19	11.19	-2.48	Technology
MediaTek Inc	6.70	17.89	-23.95	Technology
SK Hynix Inc	6.02	23.90	-	Technology
Reliance Industries Ltd	5.52	29.43	11.26	Energy
Samsung Electronics Co Ltd	5.24	34.66	-	Technology
Wuliangye Yibin Co Ltd Class A	5.21	39.87	-30.36	Consumer Defensive
SK Square	4.65	44.52	-	Technology
Kweichow Moutai Co Ltd Class A	4.62	49.14	-16.15	Consumer Defensive
Tencent Holdings Ltd	4.30	53.44	-21.54	Communication Svc
JD.com Inc ADR	3.70	57.14	-17.41	Consumer Cyclical

**Total Holdings 129**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Delaware Small Cap Value Instl DEVIX

**Morningstar Category**  
Small Value

**Morningstar Index**  
Russell 2000 Value TR USD

## Portfolio Manager(s)

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

## Quantitative Screens

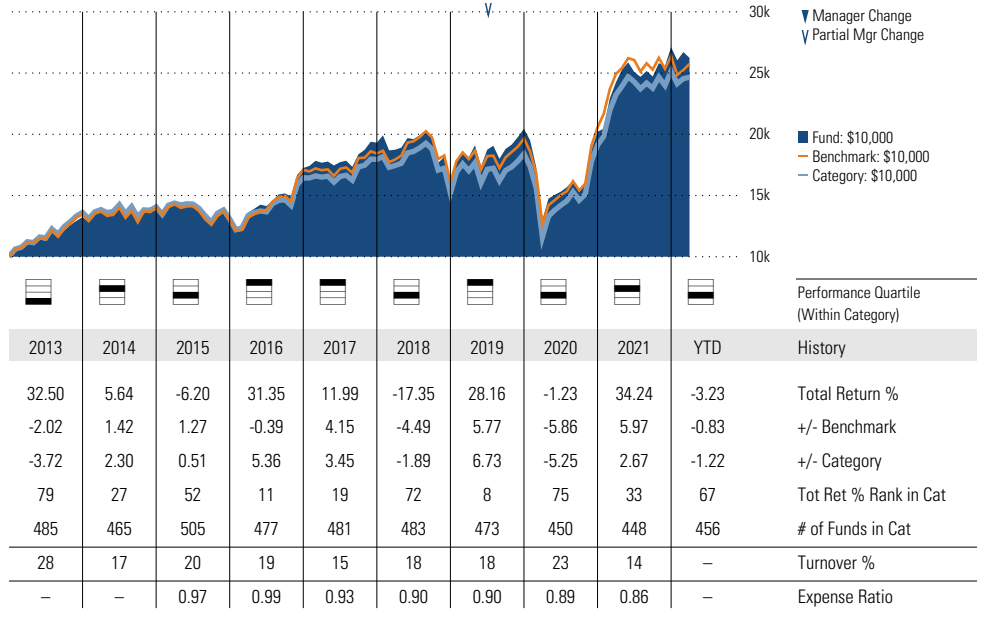
✔ **Performance:** The fund has finished in the Small Value category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 24.93 years.

✔ **Style:** The fund has landed in its primary style box — Small Value — 93.94 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.86 is 25.22% lower than the Small Value category average.

## Growth of \$10,000



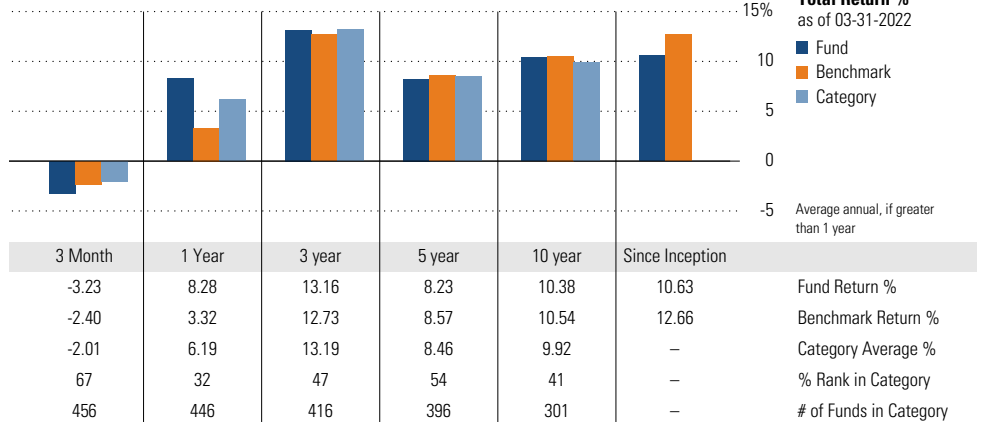
## Morningstar Investment Management LLC Analysis

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

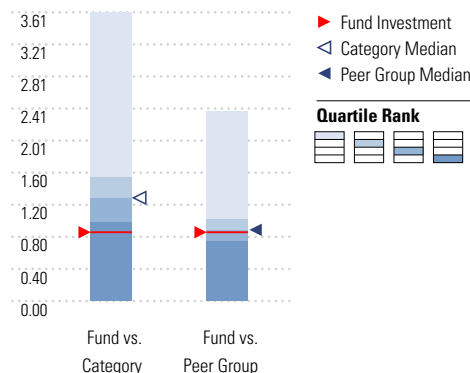
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	02-28-2022
Carbon Risk Score	Medium Risk	12-31-2021

## 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

Metric	Fund	Bmark	Cat
Alpha	0.62	-	0.48
Beta	0.99	-	1.01
R-Squared	95.06	-	94.67
Standard Deviation	25.41	24.94	25.81
Sharpe Ratio	0.59	0.58	0.58
Tracking Error	5.65	-	6.29
Information Ratio	0.08	-	0.05
Up Capture Ratio	100.14	-	100.49
Down Capture Ratio	98.80	-	99.58

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	13.52	12.54	12.81
Price/Book Ratio	1.89	1.53	1.72
Geom Avg Mkt Cap \$B	5.06	2.34	4.24
ROE	16.11	8.77	16.11

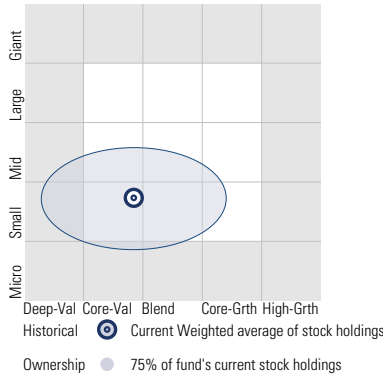
# Delaware Small Cap Value Instl DEVIX

**Morningstar Category**  
Small Value

**Morningstar Index**  
Russell 2000 Value TR USD

## Style Analysis as of 03-31-2022

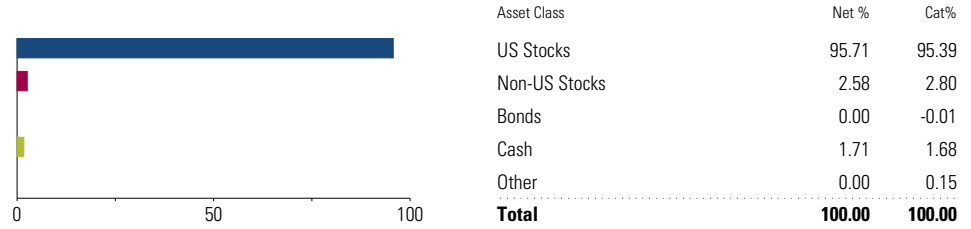
Morningstar Style Box™



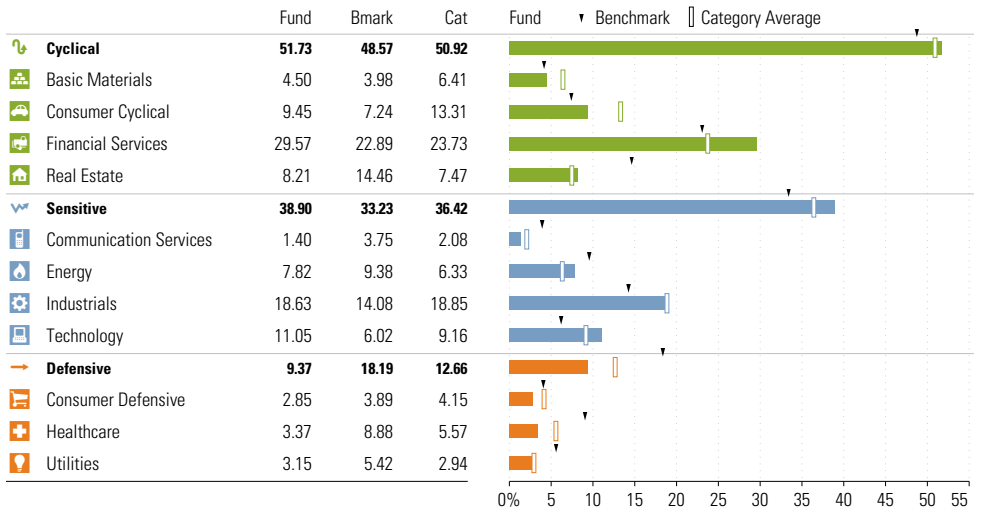
## Style Breakdown



## Asset Allocation as of 03-31-2022



## Sector Weighting as of 03-31-2022



## Top 15 Holdings as of 03-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
East West Bancorp Inc	2.94	2.94	0.94	Financial Services
Webster Financial Corp	2.83	5.77	1.22	Financial Services
Stifel Financial Corp	2.31	8.08	-3.15	Financial Services
Hancock Whitney Corp	2.17	10.25	4.80	Financial Services
Louisiana-Pacific Corp	2.15	12.40	-20.43	Industrials
Western Alliance Bancorp	2.10	14.50	-22.74	Financial Services
Devon Energy Corp	2.05	16.56	36.50	Energy
MasTec Inc	1.98	18.54	-5.61	Industrials
ITT Inc	1.66	20.20	-26.14	Industrials
WESCO International Inc	1.64	21.84	-1.10	Industrials
Umpqua Holdings Corp	1.63	23.47	-0.88	Financial Services
F N B Corp	1.61	25.07	3.63	Financial Services
Atkore Inc	1.51	26.58	-11.47	Industrials
Tower Semiconductor Ltd	1.47	28.05	-	Technology
American Equity Investment Life Holding Co	1.45	29.50	2.54	Financial Services

**Total Holdings 113**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Invesco Balanced-Risk Commodity Strat R6 IBRFX

**Morningstar Category**  
Commodities Broad Basket

**Morningstar Index**  
Bloomberg Commodity TR USD

## Portfolio Manager(s)

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

## Quantitative Screens

✔ **Performance:** The fund has finished in the Commodities Broad Basket category's top three quartiles in 6 of the 9 years it's been in existence.

✔ **Management:** The fund's management has been in place for 11.34 years.

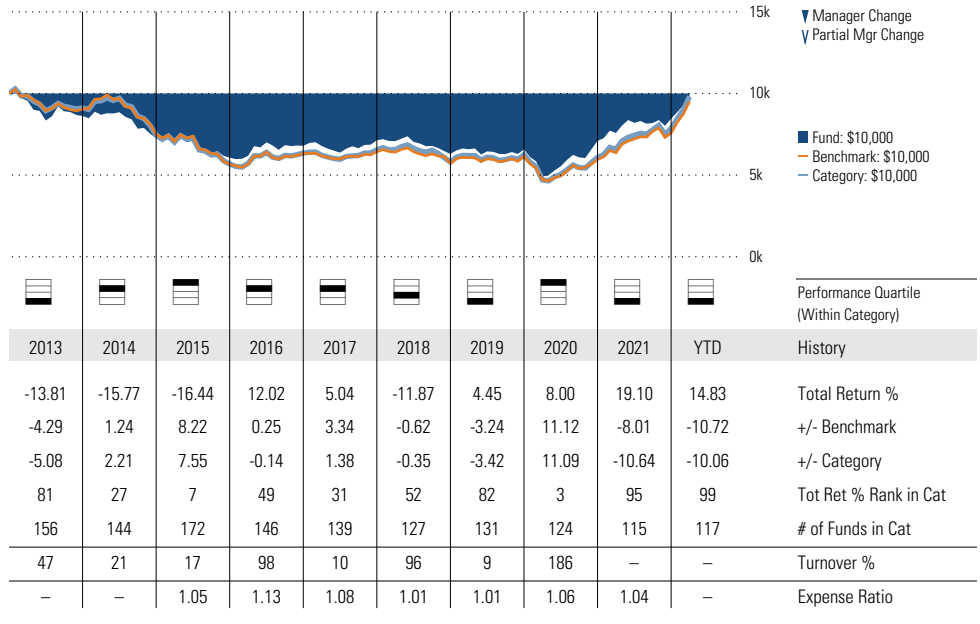
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 1.11 is 5.71% higher than the Commodities Broad Basket category average.

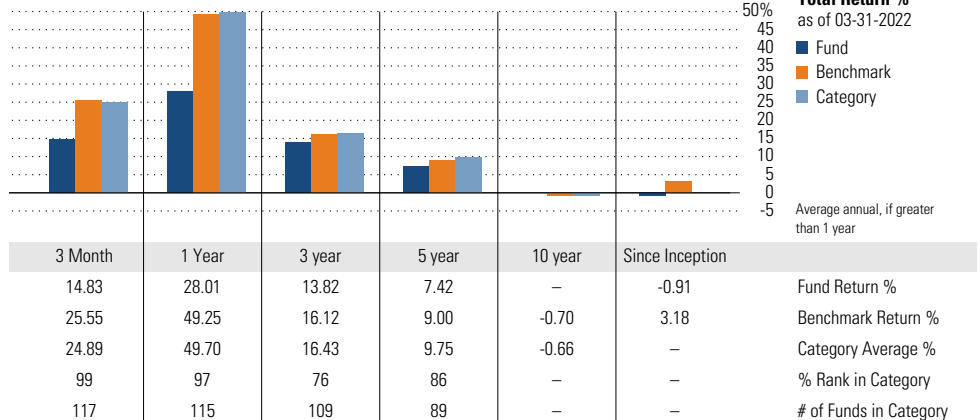
## Morningstar Investment Management LLC Analysis

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

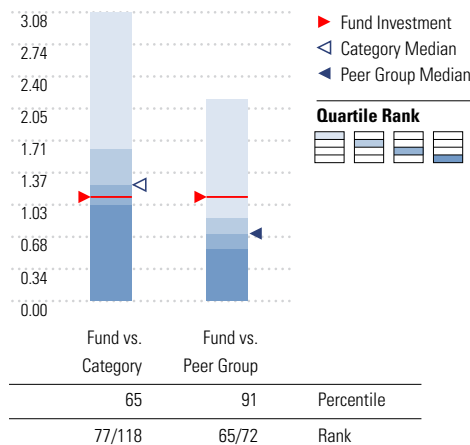
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.54	-	-0.08
Beta	0.92	-	1.07
R-Squared	79.91	-	86.07
Standard Deviation	17.14	16.74	19.57
Sharpe Ratio	0.80	0.94	0.89
Tracking Error	7.81	-	7.45
Information Ratio	-0.29	-	0.17
Up Capture Ratio	89.67	-	105.69
Down Capture Ratio	92.84	-	107.94

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	-	-	14.38
Price/Book Ratio	-	-	1.78
Geom Avg Mkt Cap \$B	-	-	30.14
ROE	-	-	12.41

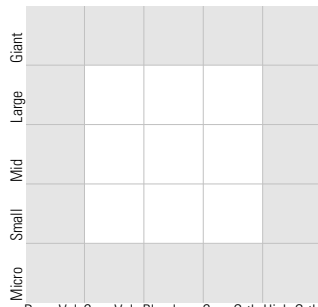
# Invesco Balanced-Risk Commodity Strat R6 IBRFX

**Morningstar Category**  
Commodities Broad Basket

**Morningstar Index**  
Bloomberg Commodity TR USD

## Style Analysis as of 03-31-2022

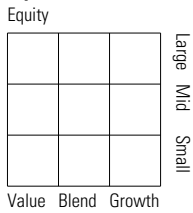
Morningstar Style Box™



Deep-Val Core-Val Blend Core-Grth High-Grth  
Historical  Current Weighted average of stock holdings

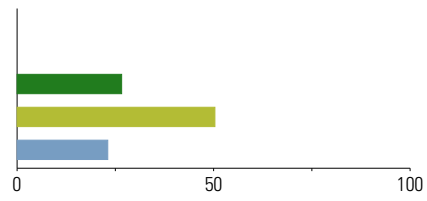
Ownership  75% of fund's current stock holdings

## Style Breakdown



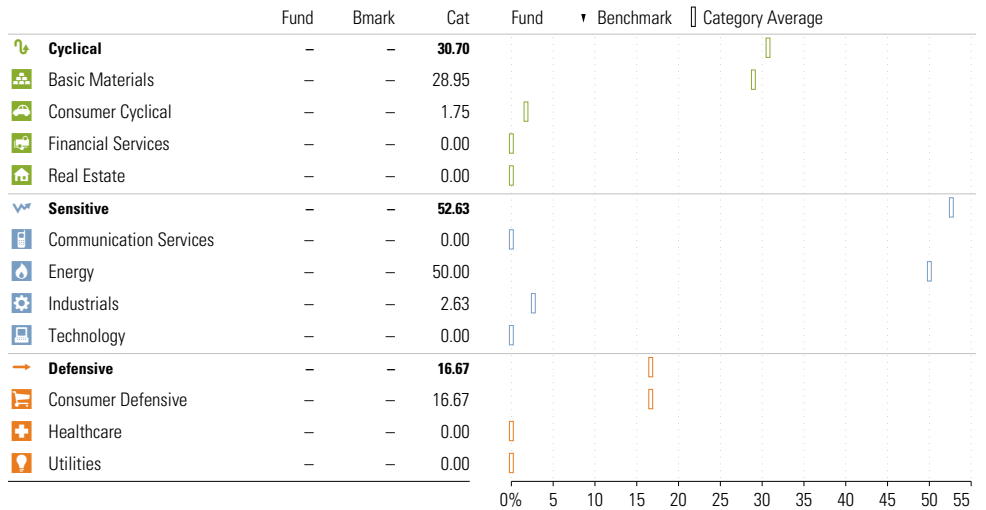
Weight %  
>50 25-50 10-25 0-10

## Asset Allocation as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	0.00	2.13
Non-US Stocks	0.00	0.62
Bonds	26.60	30.07
Cash	50.33	61.26
Other	23.07	5.91
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2022



## Top 14 Holdings as of 03-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Invesco Cayman Commodity Fund Iii Hf	23.07	23.07	-	-
⊖ Invesco Shrt-Trm Inv Treasury Instl	16.04	39.12	-	-
⊖ Invesco Shrt-Trm Inv Gov&Agcy Instl	14.04	53.16	-	-
⊖ Invesco Shrt-Trm Inv Liq Assets Instl	9.95	63.10	-	-
⊖ United States Treasury Notes 0.66093%	6.48	69.58	-	-
⊖ United States Treasury Notes 0.189%	6.45	76.04	-	-
⊖ United States Treasury Notes 0.71993%	6.44	82.48	-	-
⊖ United States Treasury Bills 0%	4.82	87.29	-	-
⊖ United States Treasury Bills 0%	4.81	92.10	-	-
Citigroup Global Markets Holdings Inc. 0.01%	3.49	95.59	-	-
Societe Generale S.A. 0.1%	2.05	97.64	-	-
Barclays Bank plc 0.01%	1.83	99.47	-	-
Barclays Bank plc 0.1%	1.49	100.96	-	-
⊕ Usd Currency Cash	0.96	101.91	-	-

**Total Holdings 14**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Invesco Global Real Estate R6 FGREX

**Morningstar Category**  
Global Real Estate

**Morningstar Index**  
S&P Global REIT TR USD

## Portfolio Manager(s)

Mark Blackburn since 04-2005  
 Ping-Ying Wang since 11-2006  
 James Cowen since 05-2008  
 Darin Turner since 04-2010  
 Grant Jackson since 06-2018  
 Charles (Chip) McKinley since 01-2022

## Quantitative Screens

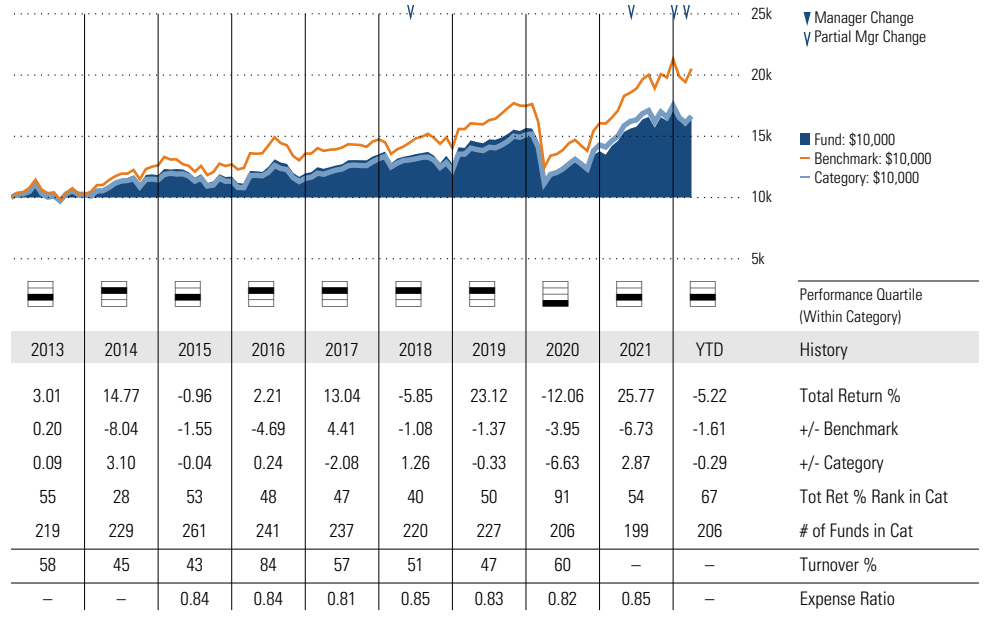
✔ **Performance:** The fund has finished in the Global Real Estate category's top three quartiles in 8 of the 9 years it's been in existence.

✔ **Management:** The fund's management has been in place for 16.93 years.

✔ **Style:** The fund has landed in its primary style box — Mid-Cap Blend — 82.35 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.85 is 27.97% lower than the Global Real Estate category average.

## Growth of \$10,000



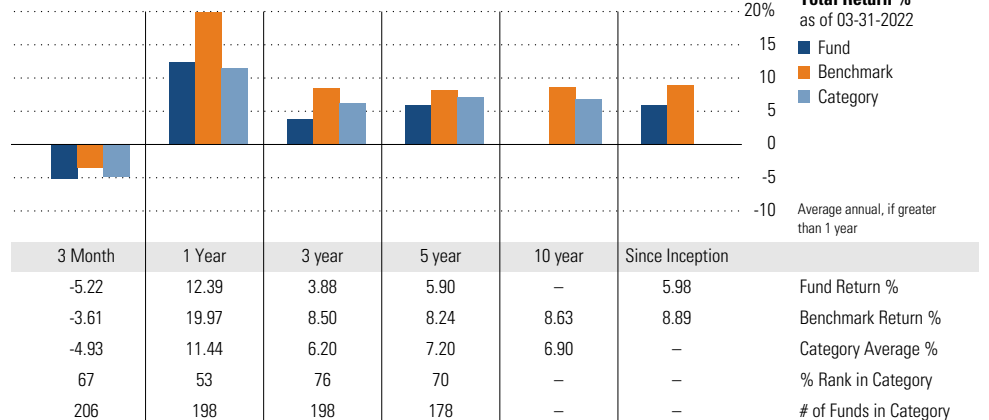
## Morningstar Investment Management LLC Analysis

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

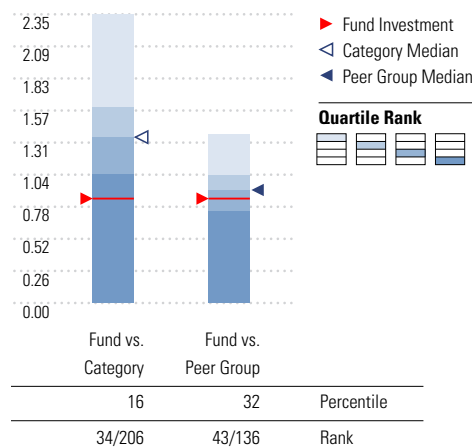
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	02-28-2022
Carbon Risk Score	Medium Risk	12-31-2021

## 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

Metric	Fund	Bmark	Cat
Alpha	-3.67	-	-0.62
Beta	0.90	-	0.88
R-Squared	96.85	-	94.49
Standard Deviation	18.26	19.98	18.18
Sharpe Ratio	0.27	0.48	0.43
Tracking Error	3.81	-	4.79
Information Ratio	-1.21	-	-0.32
Up Capture Ratio	82.87	-	88.62
Down Capture Ratio	98.20	-	91.58

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.37	21.12	15.68
Price/Book Ratio	1.55	1.87	1.44
Geom Avg Mkt Cap \$B	15.51	12.73	13.71
ROE	9.96	11.19	11.39

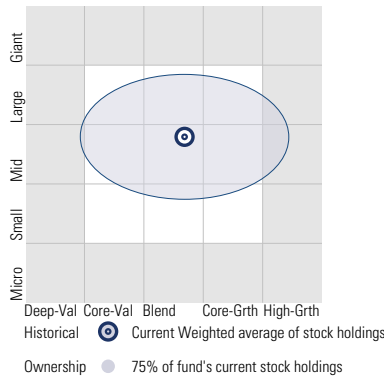
# Invesco Global Real Estate R6 FGREX

**Morningstar Category**  
Global Real Estate

**Morningstar Index**  
S&P Global REIT TR USD

## Style Analysis as of 03-31-2022

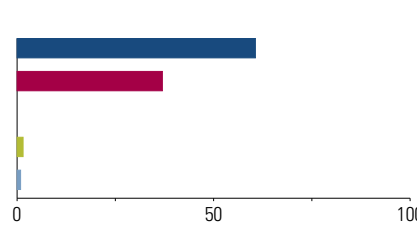
Morningstar Style Box™



## Style Breakdown

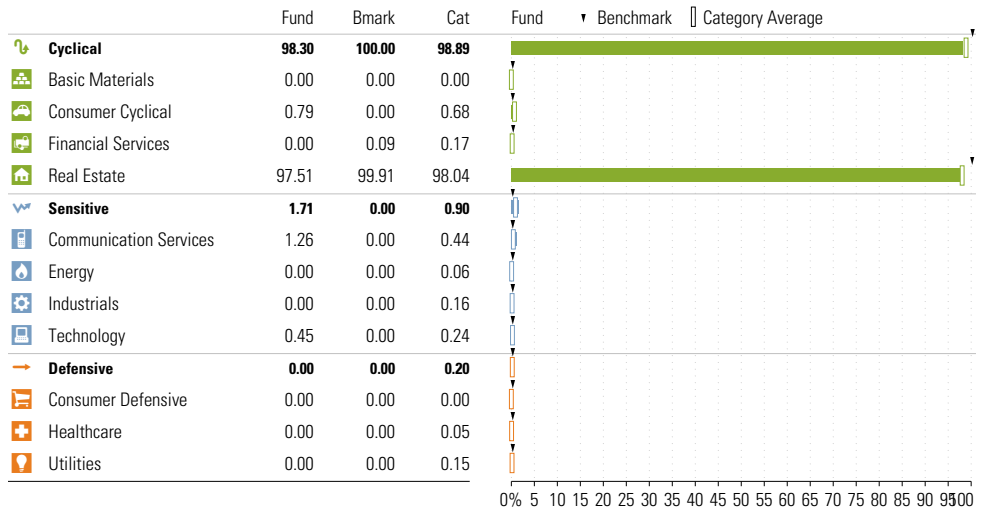


## Asset Allocation as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	60.63	45.29
Non-US Stocks	36.96	47.98
Bonds	0.00	0.27
Cash	1.52	1.70
Other	0.89	4.77
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2022



## Top 15 Holdings as of 03-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Prologis Inc	7.11	7.11	-3.62	Real Estate
⊖ AvalonBay Communities Inc	4.61	11.72	-1.04	Real Estate
⊖ UDR Inc	4.08	15.80	-3.76	Real Estate
⊖ Invitation Homes Inc	3.92	19.73	-10.90	Real Estate
⊖ Vonovia SE	3.27	23.00	-12.30	Real Estate
⊖ VICI Properties Inc Ordinary Shares	3.27	26.27	-4.28	Real Estate
⊖ Welltower Inc	3.22	29.48	12.80	Real Estate
⊖ Equinix Inc	3.21	32.70	-11.95	Real Estate
⊕ Kimco Realty Corp	2.52	35.22	0.97	Real Estate
⊖ Ventas Inc	2.51	37.73	21.69	Real Estate
⊖ Rexford Industrial Realty Inc	2.50	40.23	-7.65	Real Estate
⊖ Simon Property Group Inc	2.26	42.49	-16.62	Real Estate
⊖ Mid-America Apartment Communities Inc	2.19	44.68	-8.24	Real Estate
⊕ Sun Communities Inc	2.05	46.73	-16.10	Real Estate
⊖ Duke Realty Corp	2.02	48.75	-11.12	Real Estate

**Total Holdings 107**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# JPMorgan Large Cap Growth R6 JLGMX

**Morningstar Category**  
Large Growth

**Morningstar Index**  
Russell 1000 Growth TR USD

## Portfolio Manager(s)

Giri Devulapally since 08-2004  
Joseph Wilson since 11-2020  
Larry Lee since 11-2020  
Holly Fleiss since 01-2022

## Quantitative Screens

✔ **Performance:** The fund has finished in the Large 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 17.67 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 0.44 is 54.64% lower than the Large Growth category average.

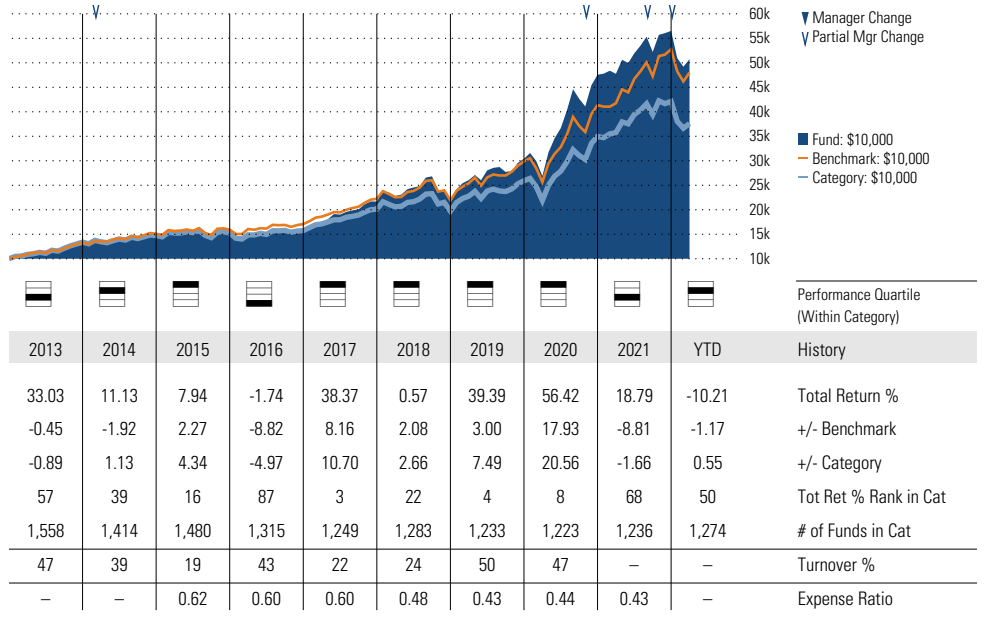
## Morningstar Investment Management LLC Analysis

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	04-07-2022
Sustainability Rating	3	02-28-2022
Carbon Risk Score	Low Risk	12-31-2021

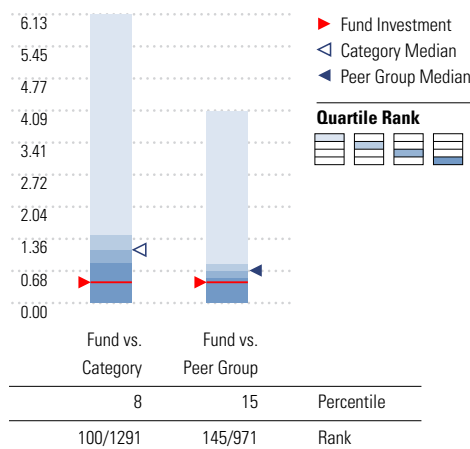
## Growth of \$10,000



## 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

Metric	Fund	Bmark	Cat
Alpha	0.69	-	-3.25
Beta	1.02	-	0.97
R-Squared	93.37	-	91.38
Standard Deviation	20.63	19.47	19.83
Sharpe Ratio	1.15	1.15	0.94
Tracking Error	5.33	-	5.76
Information Ratio	0.24	-	-0.96
Up Capture Ratio	96.45	-	87.74
Down Capture Ratio	87.05	-	96.18

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	23.93	29.82	28.04
Price/Book Ratio	7.67	11.38	7.61
Geom Avg Mkt Cap \$B	266.20	342.57	345.47
ROE	42.33	42.99	36.86

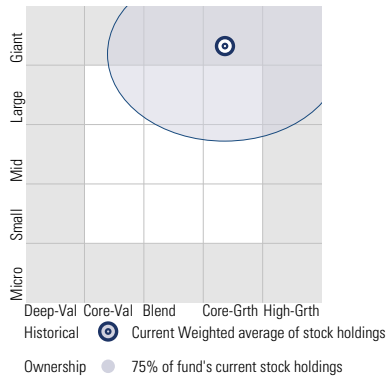
# JPMorgan Large Cap Growth R6 JLGMX

**Morningstar Category**  
Large Growth

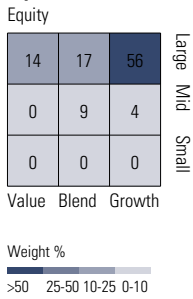
**Morningstar Index**  
Russell 1000 Growth TR USD

## Style Analysis as of 03-31-2022

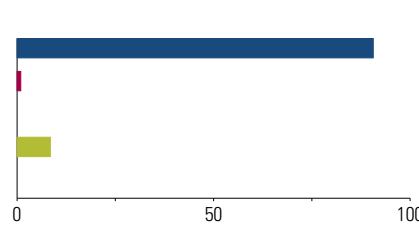
Morningstar Style Box™



## Style Breakdown

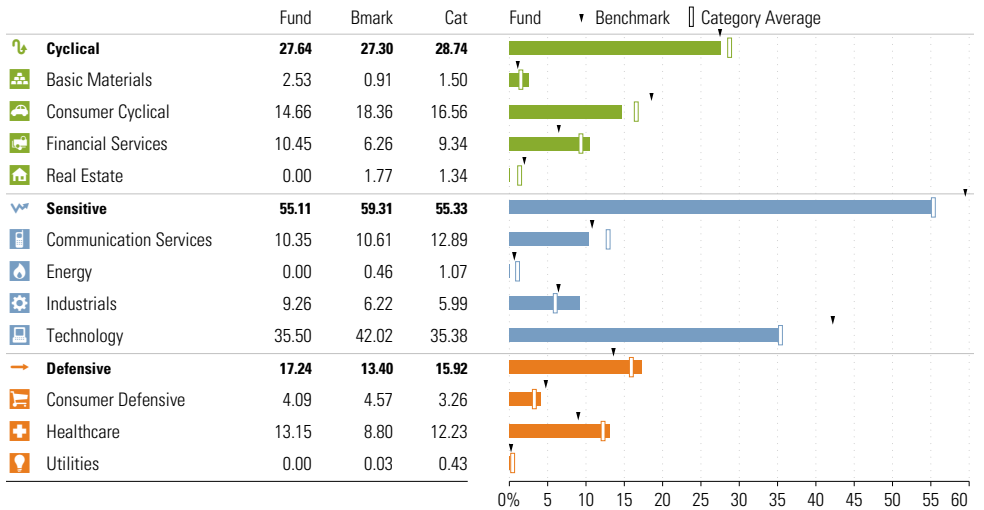


## Asset Allocation as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	90.62	93.39
Non-US Stocks	0.93	4.45
Bonds	0.00	-0.01
Cash	8.45	1.64
Other	0.00	0.54
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2022



## Top 15 Holdings as of 03-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Apple Inc	9.91	9.91	-1.54	Technology
Microsoft Corp	9.33	19.24	-8.14	Technology
⊖ JPMorgan Prime Money Market IM	8.45	27.69	-	-
⊖ Alphabet Inc Class C	7.67	35.36	-3.48	Communication Svc
⊖ Blackstone Inc	2.98	38.35	-0.77	Financial Services
⊕ Deere & Co	2.90	41.24	21.47	Industrials
⊕ Lowe's Companies Inc	2.74	43.98	-21.47	Consumer Cyclical
⊖ Amazon.com Inc	2.45	46.44	-2.23	Consumer Cyclical
⊕ Tesla Inc	2.35	48.79	1.97	Consumer Cyclical
Charles Schwab Corp	2.29	51.07	0.49	Financial Services
⊕ AbbVie Inc	2.27	53.35	21.04	Healthcare
⊕ AutoZone Inc	2.27	55.62	-2.47	Consumer Cyclical
⊕ HCA Healthcare Inc	2.18	57.80	-2.23	Healthcare
⊕ Oracle Corp	2.17	59.97	-4.77	Technology
⊕ McKesson Corp	1.97	61.94	23.35	Healthcare

## Total Holdings 71

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# JPMorgan US Equity R6 JUEMX

**Morningstar Category**  
Large Blend

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

## Portfolio Manager(s)

Scott Davis since 08-2014  
David Small since 07-2016  
Shilpee Raina since 11-2021

## 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 7.62 years.

✗ **Style:** The fund has landed in its primary style box — Large Blend — 50 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.44 is 45% lower than the Large Blend category average.

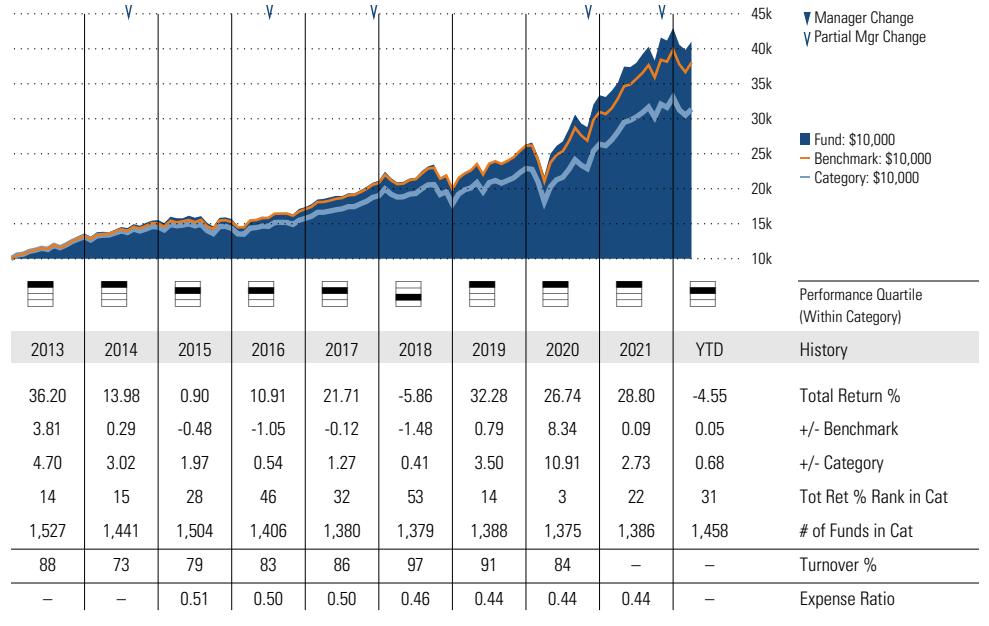
## Morningstar Investment Management LLC Analysis

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

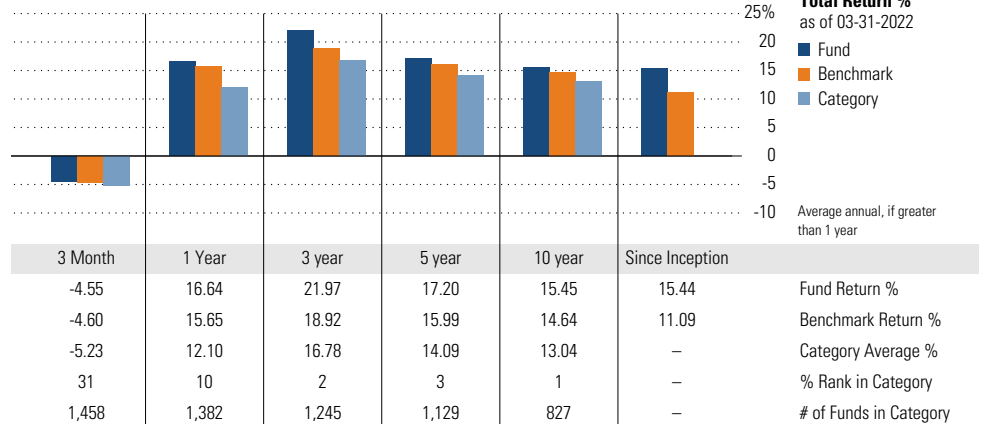
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	2-Basic	03-11-2022
Sustainability Rating	3	02-28-2022
Carbon Risk Score	Low Risk	12-31-2021

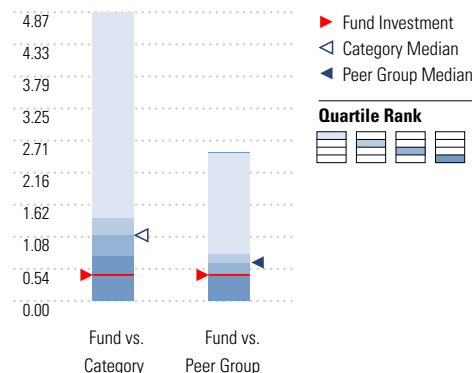
## Growth of \$10,000



## 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	2.38	-	-1.71
Beta	1.01	-	0.97
R-Squared	98.26	-	94.89
Standard Deviation	18.14	17.76	17.68
Sharpe Ratio	1.15	1.03	0.90
Tracking Error	2.40	-	3.80
Information Ratio	1.27	-	-1.26
Up Capture Ratio	103.63	-	93.27
Down Capture Ratio	92.54	-	99.84

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	24.64	21.92	22.24
Price/Book Ratio	4.89	4.23	4.92
Geom Avg Mkt Cap \$B	212.29	218.88	246.43
ROE	36.08	33.46	34.56

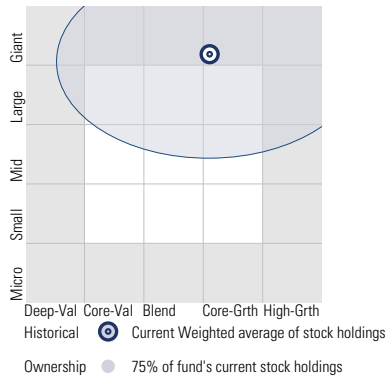
# JPMorgan US Equity R6 JUEMX

Morningstar Category  
Large Blend

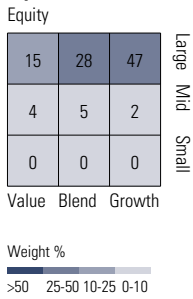
Morningstar Index  
S&P 500 TR USD

## Style Analysis as of 03-31-2022

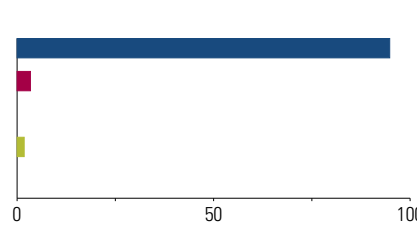
Morningstar Style Box™



## Style Breakdown

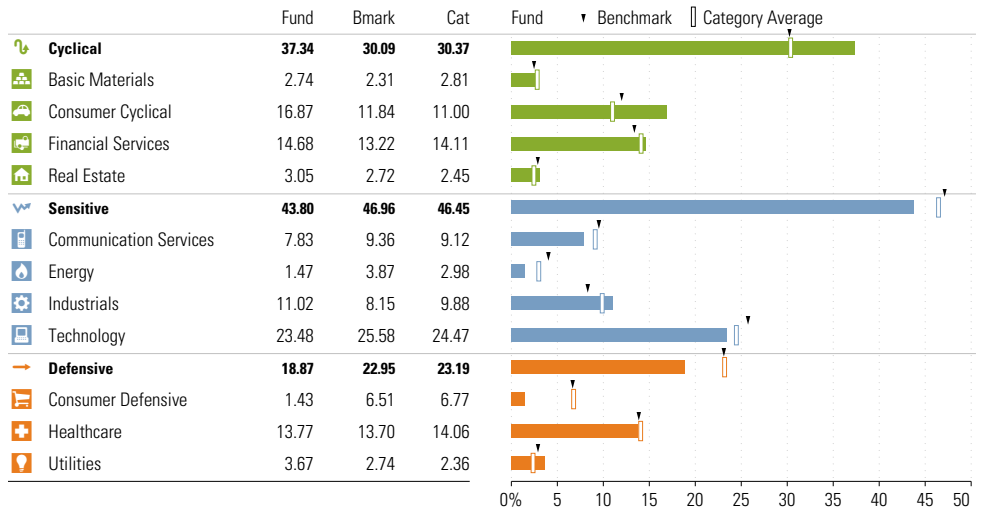


## Asset Allocation as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	94.81	94.72
Non-US Stocks	3.39	2.94
Bonds	0.00	0.94
Cash	1.80	0.37
Other	0.00	1.03
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2022



## Top 15 Holdings as of 03-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	8.05	8.05	-8.14	Technology
Alphabet Inc Class A	6.52	14.57	-3.99	Communication Svc
Amazon.com Inc	5.79	20.36	-2.23	Consumer Cyclical
Apple Inc	5.26	25.62	-1.54	Technology
⊕ Mastercard Inc Class A	3.45	29.08	-0.40	Financial Services
⊖ AbbVie Inc	3.28	32.36	21.04	Healthcare
Prologis Inc	3.00	35.36	-3.62	Real Estate
NXP Semiconductors NV	2.86	38.21	-18.38	Technology
Eaton Corp PLC	2.84	41.06	-11.72	Industrials
NextEra Energy Inc	2.47	43.53	-8.81	Utilities
Analog Devices Inc	2.42	45.95	-5.59	Technology
⊖ Deere & Co	2.29	48.24	21.47	Industrials
Bristol-Myers Squibb Co	2.27	50.51	18.86	Healthcare
⊕ Advanced Micro Devices Inc	2.18	52.69	-24.02	Technology
Marriott International Inc Class A	2.18	54.87	6.36	Consumer Cyclical

**Total Holdings 53**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Metropolitan West Total Return Bd I MWTIX

**Morningstar Category**  
Intermediate Core-Plus Bond

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 25.02 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.45 is 40% lower than the Intermediate Core-Plus Bond category average.

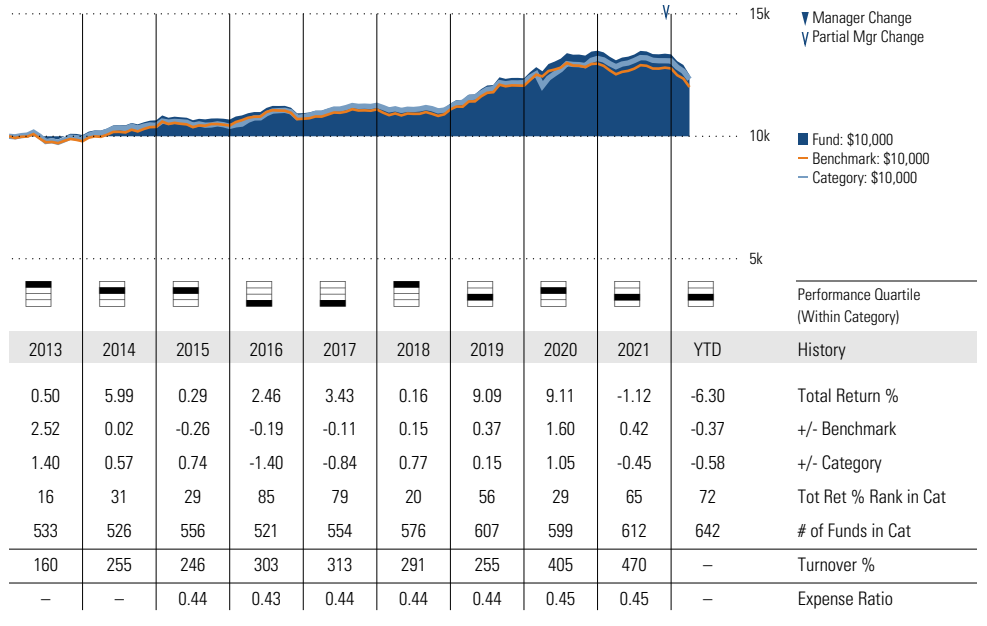
## Morningstar Investment Management LLC Analysis

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

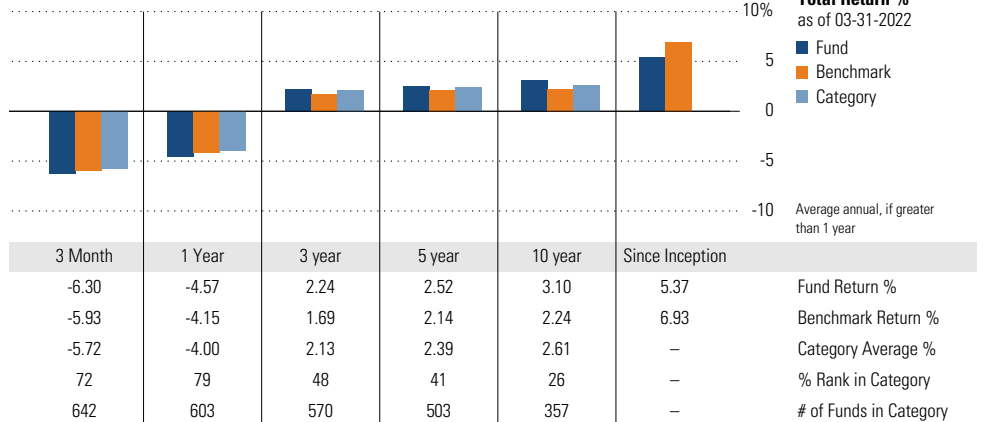
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	02-28-2022

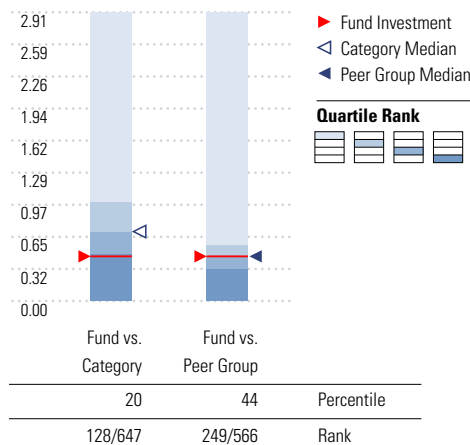
## Growth of \$10,000



## 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	0.47	-	0.56
Beta	1.04	-	1.01
R-Squared	97.32	-	67.97
Standard Deviation	4.27	4.03	5.13
Sharpe Ratio	0.39	0.27	0.33
Tracking Error	0.72	-	2.95
Information Ratio	0.76	-	0.21
Up Capture Ratio	108.49	-	116.32
Down Capture Ratio	99.58	-	110.33

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	6.32	4.43	6.21
Avg Eff Maturity	8.27	-	8.73

# Metropolitan West Total Return Bd I MWTIX

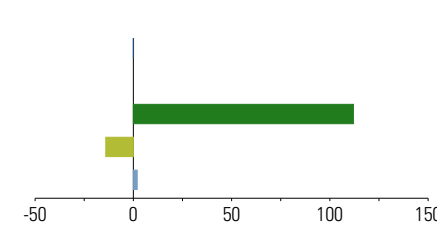
**Morningstar Category** Intermediate Core-Plus Bond  
**Morningstar Index** BBgBarc US Agg Bond TR USD

## Style Analysis as of 03-31-2022

### Style Breakdown



## Asset Allocation as of 03-31-2022

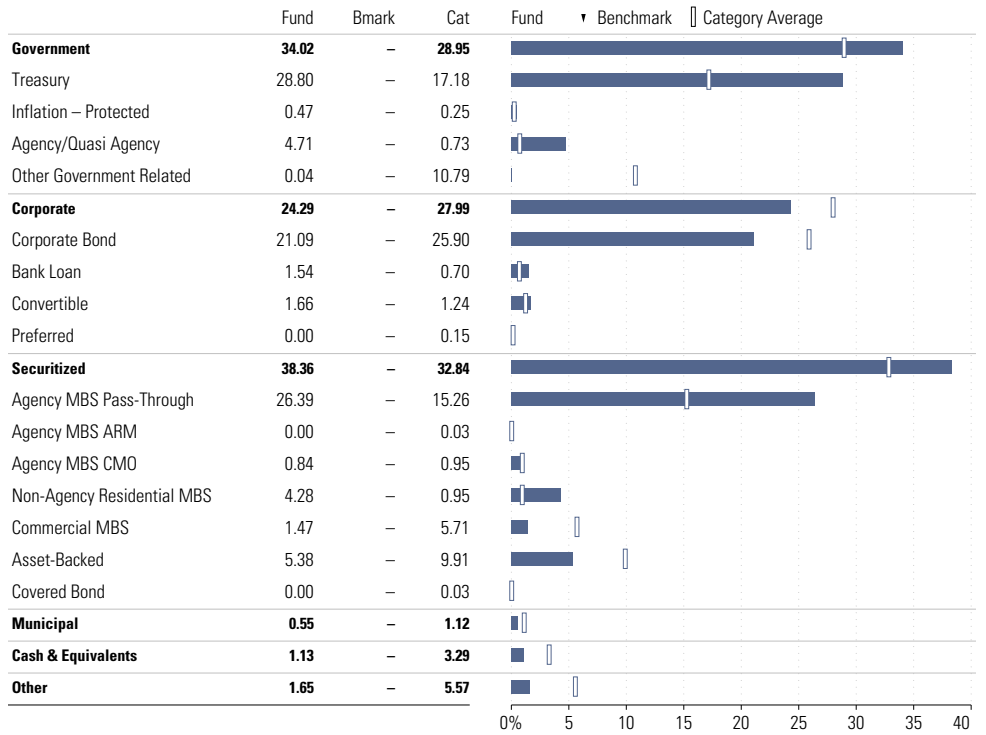


Asset Class	Net %	Cat%
US Stocks	0.10	0.08
Non-US Stocks	0.00	0.00
Bonds	111.98	103.09
Cash	-14.03	-5.11
Other	1.95	1.93
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	64.17	3.53	50.62
AA	4.34	74.59	4.02
A	10.45	10.82	10.81
BBB	14.52	8.32	19.90
BB	2.59	0.28	6.60
B	0.78	0.00	2.88
Below B	3.20	0.00	1.31
Not Rated	-0.05	2.46	3.86

## Sector Weighting as of 03-31-2022



## Top 10 Holdings as of 03-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
✳ Cash & Cash Equivalents	-	14.74	14.74	-
⊕ Federal National Mortgage Association 2.5%	04-2052	5.04	19.78	-
⊕ United States Treasury Notes 1.5%	02-2024	4.23	24.00	-
⊖ United States Treasury Notes 1.25%	12-2026	4.20	28.20	-
⊕ United States Treasury Notes 0.875%	01-2024	4.01	32.21	-
⊕ United States Treasury Notes 1.875%	02-2027	3.84	36.05	-
⊖ United States Treasury Notes 0.75%	12-2023	3.55	39.60	-
⊖ United States Treasury Notes 1.5%	01-2027	3.53	43.12	-
⊕ Federal National Mortgage Association 2%	04-2052	3.27	46.39	-
⊖ Federal National Mortgage Association 2.5%	03-2052	3.17	49.56	-

**Total Holdings 1860**

⊕ Increase ⊖ Decrease ✳ New to Portfolio

# MFS New Discovery R4 MNDJX

**Morningstar Category**  
Small Growth

**Morningstar Index**  
Russell 2000 Growth TR USD

## Portfolio Manager(s)

Michael Grossman since 12-2013

## 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 8.25 years.

✘ **Style:** The fund has landed in its primary style box — Small Growth — 54.29 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.99 is 16.81% lower than the Small Growth category average.

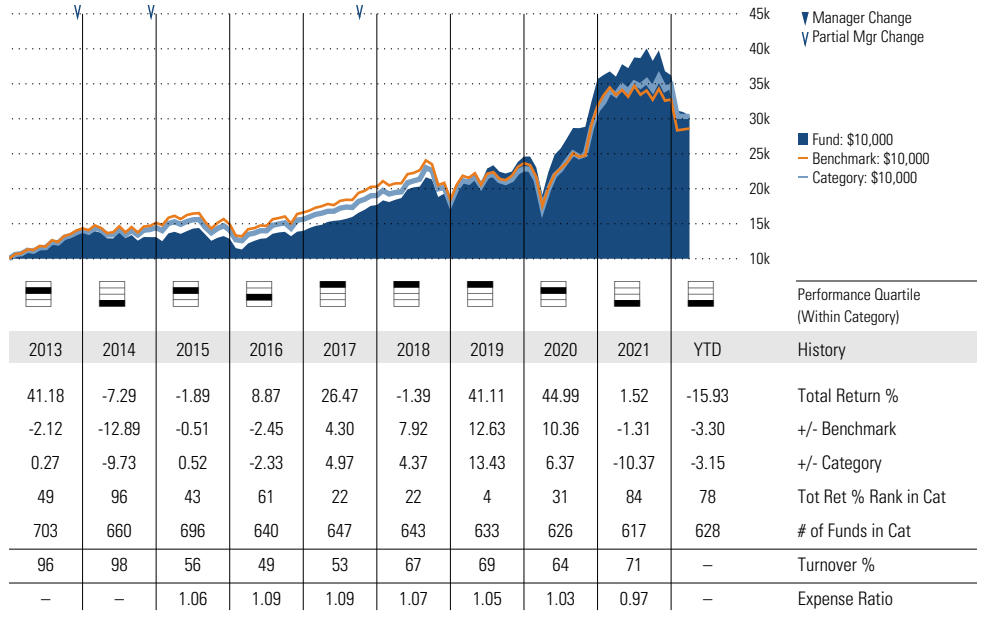
## Morningstar Investment Management LLC Analysis

This fund fails our style screen but its portfolio positioning is consistent with the overall investment strategy.

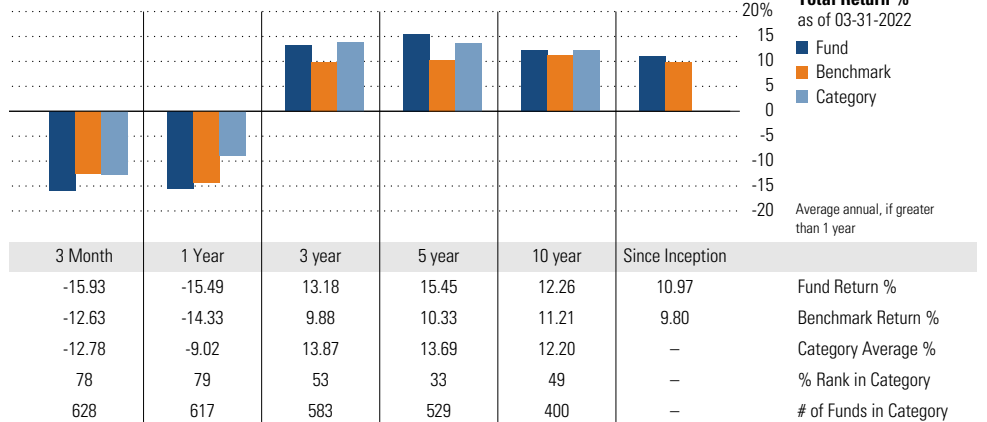
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	5	02-28-2022
Carbon Risk Score	Low Risk	12-31-2021

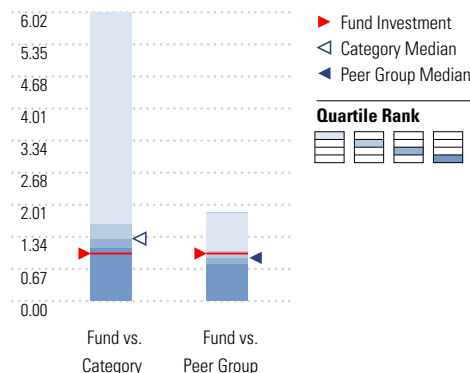
## Growth of \$10,000



## 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	3.63	-	3.80
Beta	0.93	-	0.94
R-Squared	92.71	-	89.67
Standard Deviation	23.23	24.03	23.90
Sharpe Ratio	0.62	0.48	0.62
Tracking Error	6.49	-	7.89
Information Ratio	0.51	-	0.43
Up Capture Ratio	97.45	-	100.68
Down Capture Ratio	85.62	-	89.53

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	22.66	19.55	25.23
Price/Book Ratio	3.24	4.02	4.23
Geom Avg Mkt Cap \$B	3.68	2.87	5.16
ROE	4.82	8.75	14.53

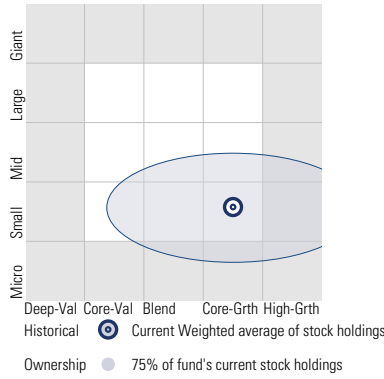
# MFS New Discovery R4 MNDJX

**Morningstar Category**  
Small Growth

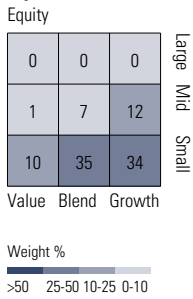
**Morningstar Index**  
Russell 2000 Growth TR USD

## Style Analysis as of 03-31-2022

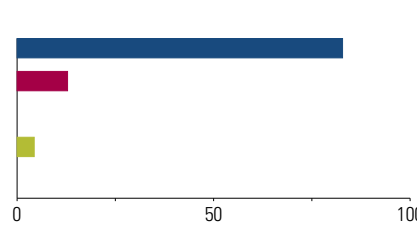
Morningstar Style Box™



## Style Breakdown

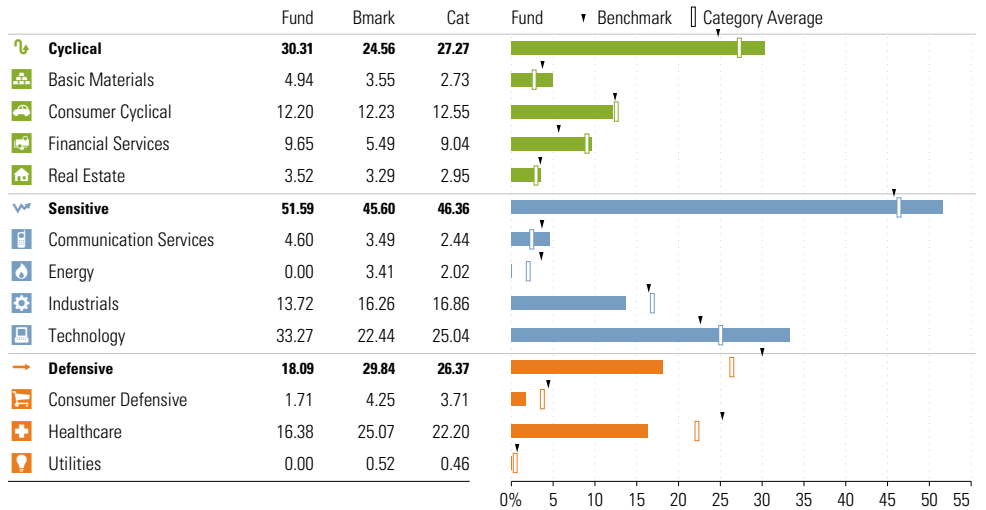


## Asset Allocation as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	82.81	92.92
Non-US Stocks	12.84	4.34
Bonds	0.00	0.00
Cash	4.35	2.32
Other	0.00	0.43
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2022



## Top 15 Holdings as of 03-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Currency Cash CASH_USD	4.35	4.35	-	-
⊖ ExlService Holdings Inc	2.11	6.45	-1.04	Technology
⊖ CACI International Inc Class A	2.08	8.54	11.91	Technology
Rapid7 Inc	2.03	10.57	-5.48	Technology
Leslies Inc Ordinary Shares	2.02	12.59	-18.17	Consumer Cyclical
⊖ WNS (Holdings) Ltd ADR	1.83	14.42	-3.09	Technology
⊕ Skechers USA Inc Class A	1.81	16.23	-6.08	Consumer Cyclical
⊕ Element Solutions Inc	1.80	18.02	-9.47	Basic Materials
Paycor HCM Inc	1.77	19.79	-	Technology
Q2 Holdings Inc	1.74	21.53	-22.39	Technology
Sensata Technologies Holding PLC	1.72	23.25	-17.57	Technology
⊕ The AZEK Co Inc Class A	1.72	24.98	-46.28	Industrials
⊕ Syneos Health Inc Class A	1.69	26.67	-21.16	Healthcare
⊕ Axalta Coating Systems Ltd	1.67	28.34	-25.79	Basic Materials
EVO Payments Inc Class A	1.66	30.00	-9.80	Technology

**Total Holdings 109**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# PIMCO Income I2 PONPX

**Morningstar Category**  
Multisector Bond

**Morningstar Index**  
BBgBarc US Universal TR USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

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

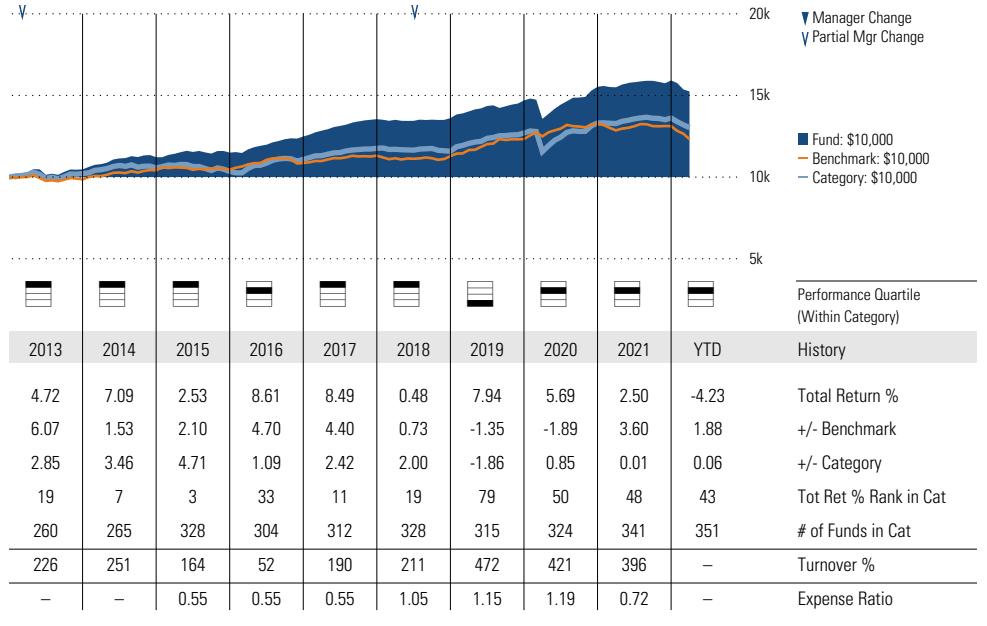
Style Consistency is not calculated for Fixed Income funds.

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

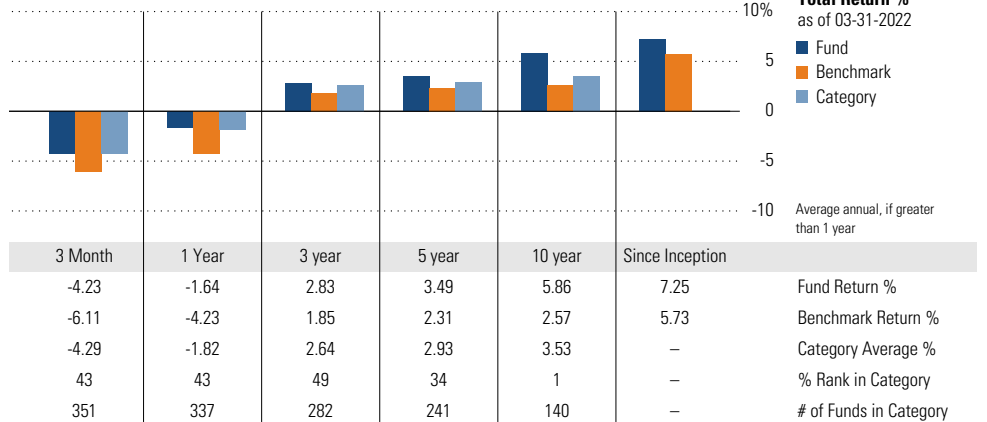
## Morningstar Investment Management LLC Analysis

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

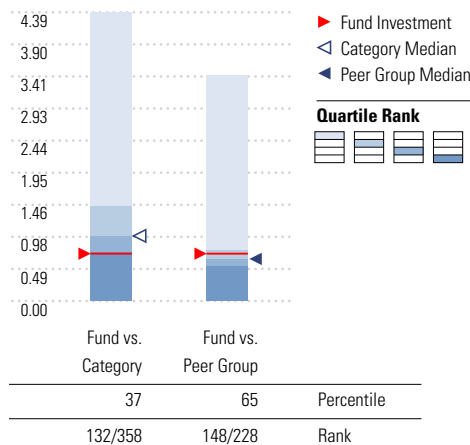
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.50	-	1.04
Beta	0.77	-	1.12
R-Squared	27.48	-	38.26
Standard Deviation	6.06	4.13	7.87
Sharpe Ratio	0.38	0.31	0.35
Tracking Error	5.24	-	6.39
Information Ratio	0.19	-	0.21
Up Capture Ratio	88.97	-	115.14
Down Capture Ratio	64.32	-	100.85

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	1.15	4.55	4.24
Avg Eff Maturity	2.20	7.69	7.72

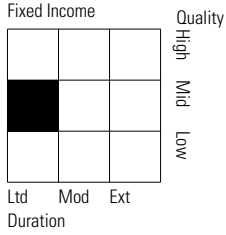
# PIMCO Income I2 PONPX

**Morningstar Category**  
Multisector Bond

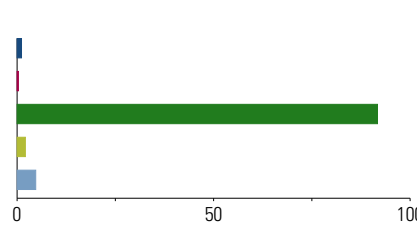
**Morningstar Index**  
BBgBarc US Universal TR USD

## Style Analysis as of 03-31-2022

### Style Breakdown



## Asset Allocation as of 03-31-2022

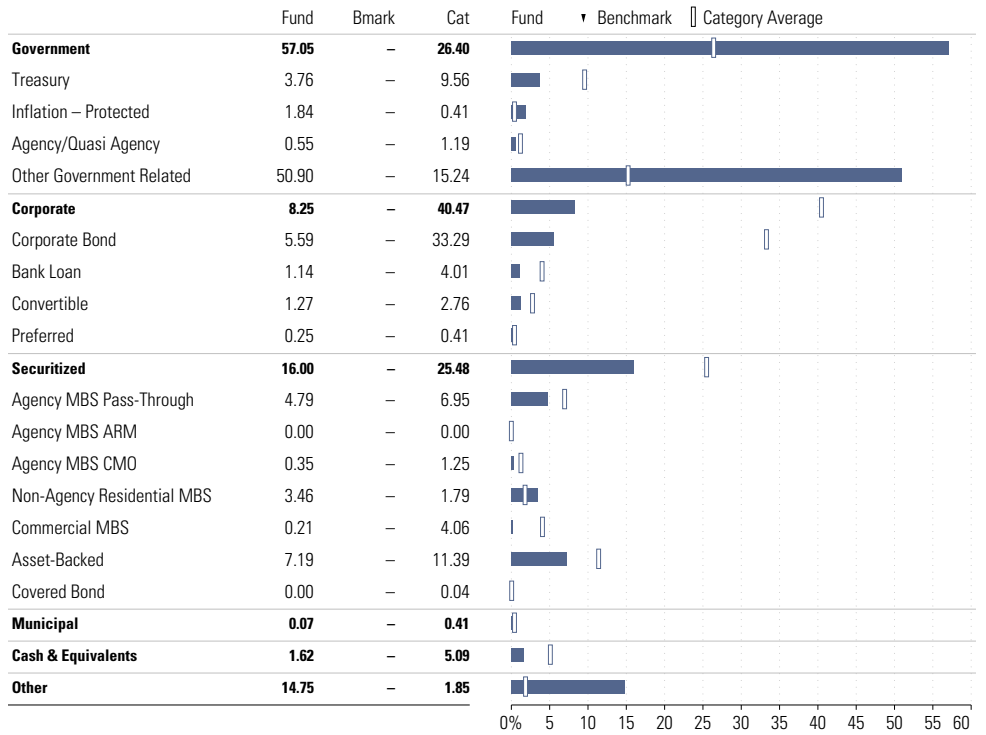


Asset Class	Net %	Cat%
US Stocks	1.12	2.08
Non-US Stocks	0.33	0.11
Bonds	91.70	101.02
Cash	2.10	-1.91
Other	4.74	-1.29
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	31.10	67.64	22.78
AA	4.90	3.23	3.25
A	5.77	10.03	6.72
BBB	21.25	10.89	23.94
BB	19.52	3.19	20.17
B	6.18	3.64	14.76
Below B	11.29	1.38	4.68
Not Rated	0.00	0.00	3.70

## Sector Weighting as of 03-31-2022



## Top 10 Holdings as of 03-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊖ Irs Eur -0.33000 03/18/20-2Y Lch Receive	03-2022	12.89	12.89	-
⊖ Irs Eur -0.33000 03/18/20-2Y Lch Pay	03-2022	12.89	25.78	-
⊖ 10 Year Treasury Note Future Mar 22	03-2022	11.61	37.38	-
⊕ ZCS BRL 4.9 05/13/21-01/03/22 CME Pay	01-2022	8.31	45.69	-
⊕ ZCS BRL 4.9 05/13/21-01/03/22 CME Receive	01-2022	8.27	53.96	-
⊖ BRITISH POUND STERLING Sold	01-2022	7.57	61.53	-
⊖ BRITISH POUND STERLING Purchased	01-2022	7.57	69.10	-
⊕ IRS USD 0.50000 06/16/21-5Y CME Pay	06-2026	7.04	76.14	-
⊖ IRS USD 0.70000 12/14/21-3Y LCH Pay	12-2024	6.98	83.12	-
⊖ IRS USD 0.80000 12/14/21-3Y LCH Pay	12-2024	6.97	90.09	-

**Total Holdings 8063**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

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

**Morningstar Category**  
World Bond-USD Hedged

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 7.52 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.62 is 16.22% lower than the World Bond-USD Hedged category average.

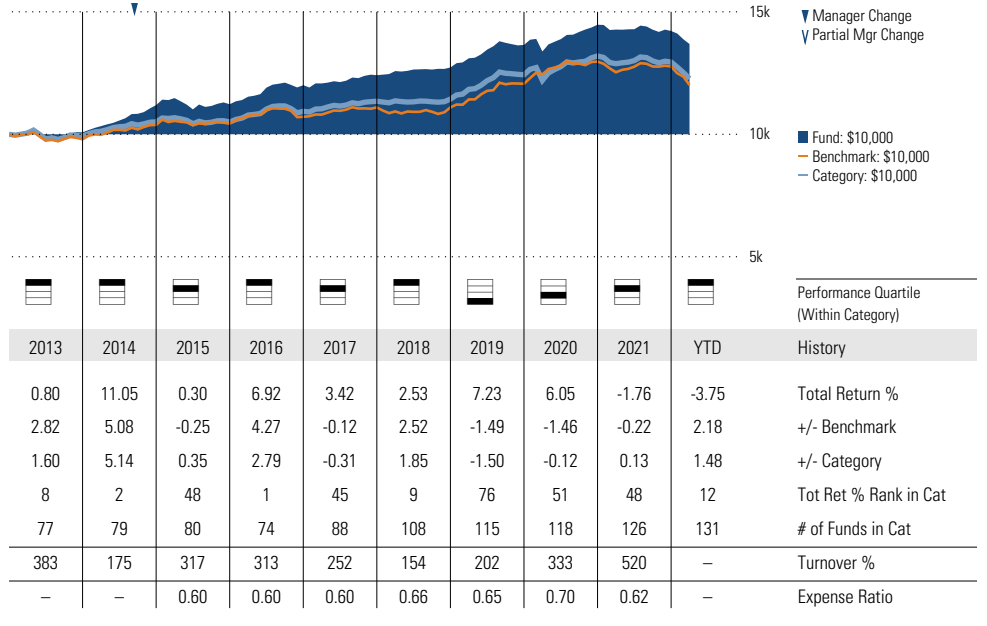
## Morningstar Investment Management LLC Analysis

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

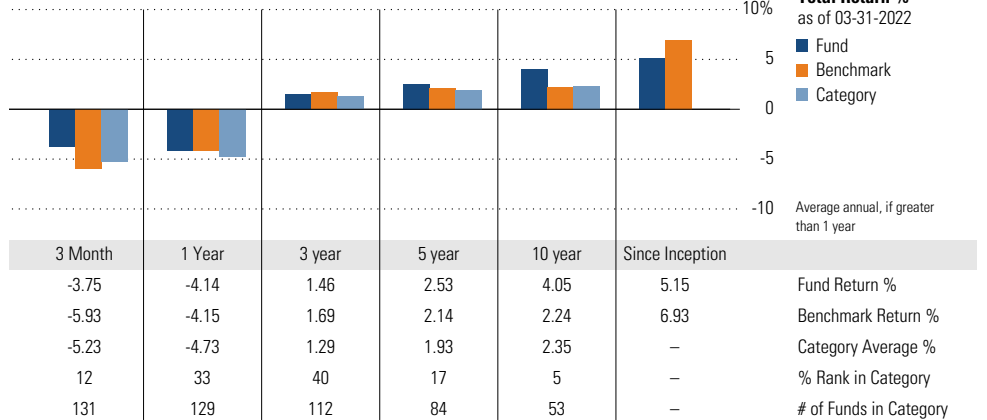
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	11-30-2021

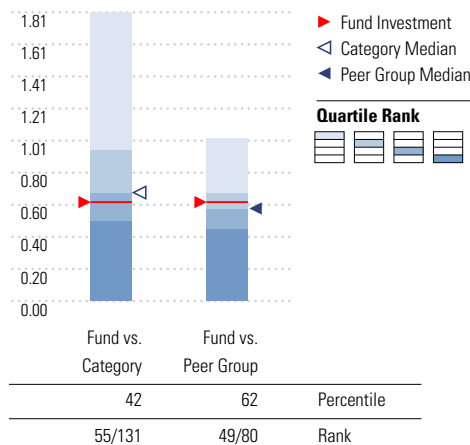
## Growth of \$10,000



## 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	0.36	-	-0.07
Beta	0.66	-	0.92
R-Squared	48.88	-	54.93
Standard Deviation	3.82	4.03	5.10
Sharpe Ratio	0.22	0.27	0.15
Tracking Error	3.05	-	3.60
Information Ratio	-0.08	-	-0.11
Up Capture Ratio	79.30	-	106.75
Down Capture Ratio	76.79	-	114.83

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	6.92	4.43	7.04
Avg Eff Maturity	8.12	-	8.71

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

**Morningstar Category**  
World Bond-USD Hedged

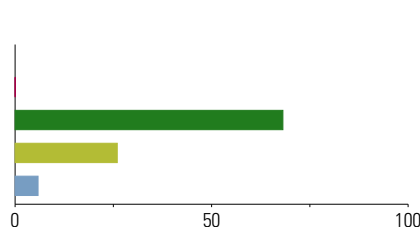
**Morningstar Index**  
BBgBarc US Agg Bond TR USD

## Style Analysis as of 03-31-2022

### Style Breakdown



## Asset Allocation as of 03-31-2022

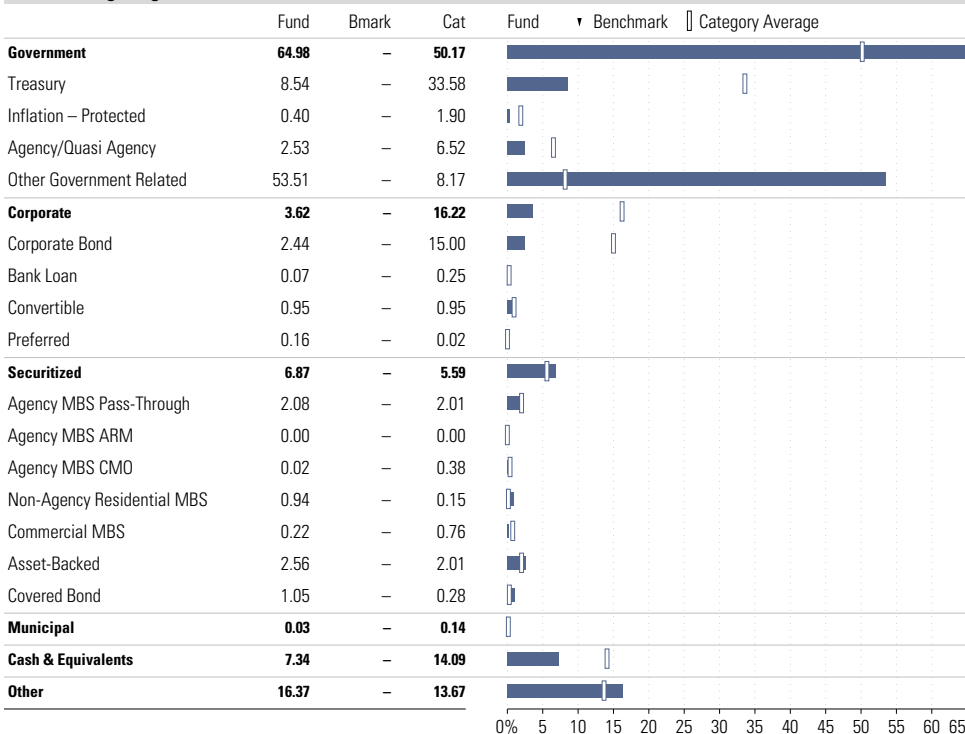


Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.04	0.00
Bonds	68.14	83.88
Cash	25.99	14.59
Other	5.84	1.53
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	20.59	3.53	25.05
AA	11.82	74.59	12.21
A	40.15	10.82	26.05
BBB	20.60	8.32	20.57
BB	2.63	0.28	5.51
B	1.17	0.00	2.70
Below B	3.04	0.00	0.34
Not Rated	0.00	2.46	7.56

## Sector Weighting as of 03-31-2022



## Top 10 Holdings as of 03-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ IRS USD R 3ML/1ML+9.125 03/18/21-22 CME Pay	03-2022	22.36	22.36	-
⊕ IRS USD R 3ML/1ML+9.125 03/18/21-22 CME Receive	03-2022	22.36	44.72	-
✱ Cash Offset	-	19.02	63.74	-
⊕ IRS EUR -0.25000 03/16/22-5Y LCH Pay	03-2027	14.36	78.10	-
⊕ IRS EUR -0.25000 03/16/22-5Y LCH Receive	03-2027	14.12	92.22	-
⊖ JAPANESE YEN Purchased	01-2022	13.93	106.15	-
⊖ JAPANESE YEN Sold	01-2022	13.93	120.08	-
⊕ IRS EUR 0.25000 03/16/22-10Y LCH Pay	03-2032	13.65	133.73	-
⊕ IRS EUR 0.25000 03/16/22-10Y LCH Receive	03-2032	13.52	147.25	-
⊕ Euro Schatz Future Mar 22	03-2022	13.32	160.57	-

**Total Holdings 1834**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# PIMCO Short-Term I2 PTSPX

**Morningstar Category**  
Ultrashort Bond

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

## Portfolio Manager(s)

Jerome Schneider since 01-2011  
Nathan Chiaverini since 04-2019  
Andrew Wittkop since 04-2019

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 11.25 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.57 is 21.28% higher than the Ultrashort Bond category average.

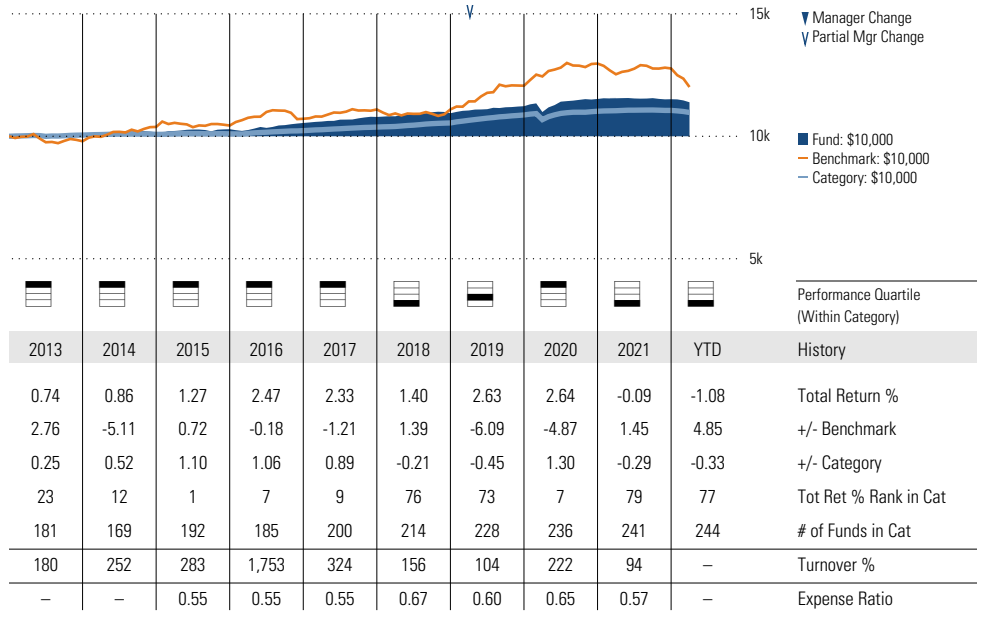
## Morningstar Investment Management LLC Analysis

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.

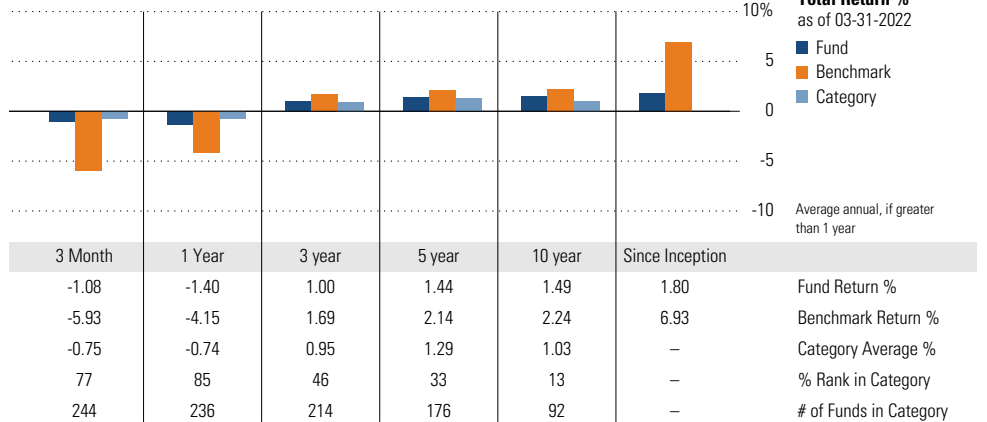
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	02-28-2022

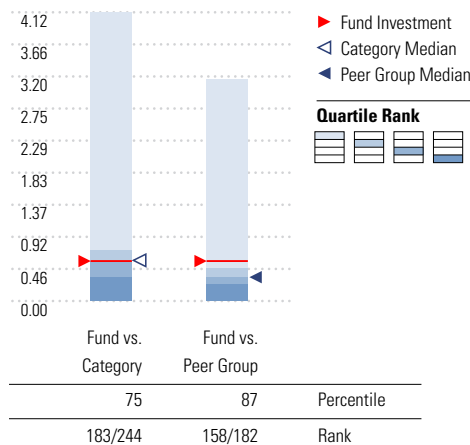
## Growth of \$10,000



## 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	0.68	-	0.63
Beta	0.20	-	0.17
R-Squared	10.82	-	19.54
Standard Deviation	2.40	4.03	1.85
Sharpe Ratio	0.15	0.27	0.16
Tracking Error	3.96	-	3.91
Information Ratio	-0.17	-	-0.21
Up Capture Ratio	30.97	-	26.76
Down Capture Ratio	20.56	-	16.71

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	0.05	4.43	0.54
Avg Eff Maturity	-	-	3.15

# PIMCO Short-Term I2 PTSPX

**Morningstar Category**  
Ultrashort Bond

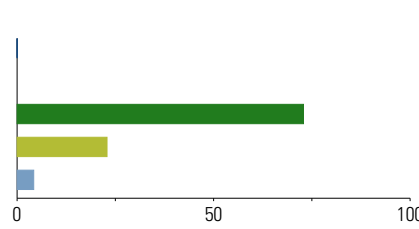
**Morningstar Index**  
BBgBarc US Agg Bond TR USD

## Style Analysis as of 03-31-2022

### Style Breakdown



## Asset Allocation as of 03-31-2022

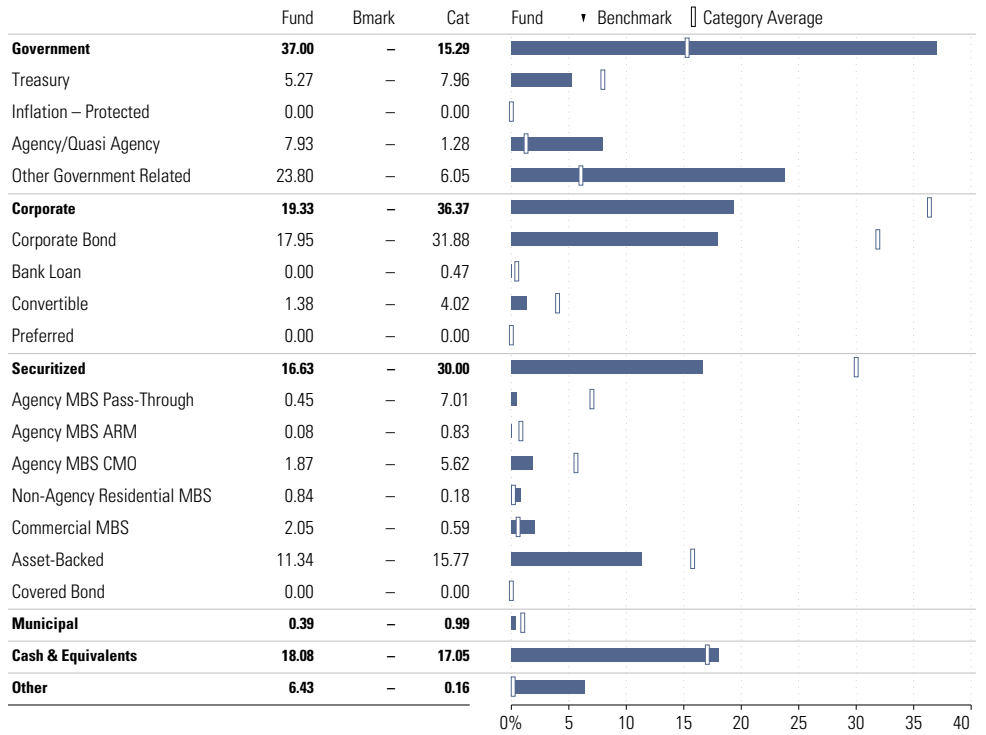


Asset Class	Net %	Cat%
US Stocks	0.01	0.01
Non-US Stocks	0.00	0.00
Bonds	72.87	79.43
Cash	22.88	16.29
Other	4.23	4.28
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	51.57	3.53	39.61
AA	5.99	74.59	5.63
A	16.66	10.82	18.05
BBB	23.75	8.32	22.63
BB	1.62	0.28	1.17
B	0.22	0.00	1.51
Below B	0.19	0.00	0.29
Not Rated	0.00	2.46	11.11

## Sector Weighting as of 03-31-2022



## Top 10 Holdings as of 03-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊖ 5 Year Treasury Note Future Mar 22	04-2022	26.38	26.38	-
⊕ 3 Month Canadian Bankers' Acceptance Future Dec 22	12-2022	20.73	47.12	-
✱ Cash Offset	-	18.92	66.04	-
⊖ 2 Year Treasury Note Future Mar 22	04-2022	14.83	80.86	-
⊕ 3 Month Canadian Bankers' Acceptance Future Mar 23	03-2023	13.00	93.86	-
⊕ United States Treasury Notes 1%	12-2024	8.02	101.88	-
⊖ CDX IG37 5Y ICE	12-2026	7.23	109.11	-
⊕ IRS USD R 3ML/1ML+9.75 01/13/22-23 CME Pay	01-2023	4.96	114.07	-
⊕ IRS USD R 3ML/1ML+9.75 01/13/22-23 CME Receive	01-2023	4.96	119.03	-
⊖ BRITISH POUND STERLING Sold	02-2022	4.30	123.34	-

**Total Holdings 1285**

⊕ 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 5.93 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% lower than the Large Blend category average.

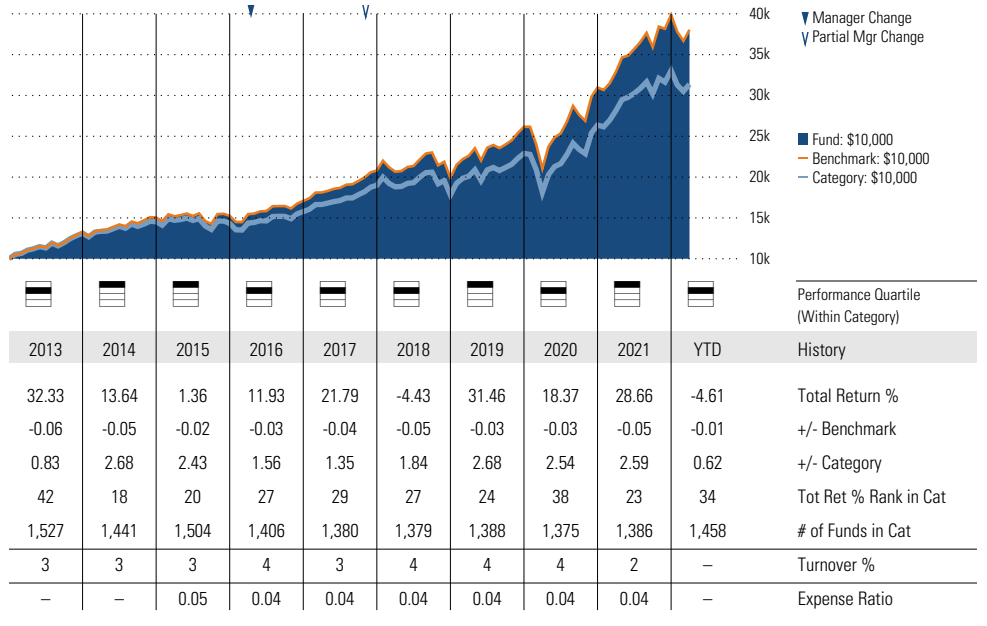
## Morningstar Investment Management LLC Analysis

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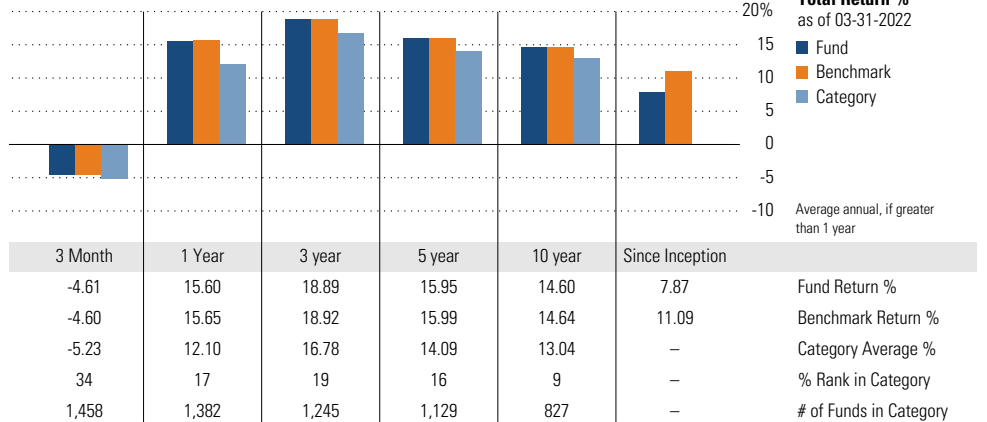
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	02-28-2022
ESG Commitment	1-Low	02-15-2022
Carbon Risk Score	Low Risk	12-31-2021

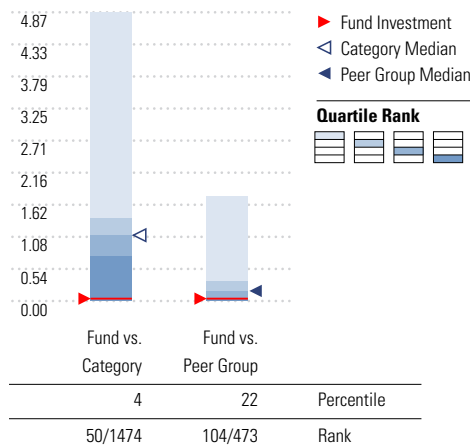
## Growth of \$10,000



## 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	-0.03	-	-1.71
Beta	1.00	-	0.97
R-Squared	100.00	-	94.89
Standard Deviation	17.76	17.76	17.68
Sharpe Ratio	1.03	1.03	0.90
Tracking Error	0.01	-	3.80
Information Ratio	-3.29	-	-1.26
Up Capture Ratio	99.94	-	93.27
Down Capture Ratio	100.07	-	99.84

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.92	21.92	22.24
Price/Book Ratio	4.23	4.23	4.92
Geom Avg Mkt Cap \$B	219.03	218.88	246.43
ROE	33.47	33.46	34.56

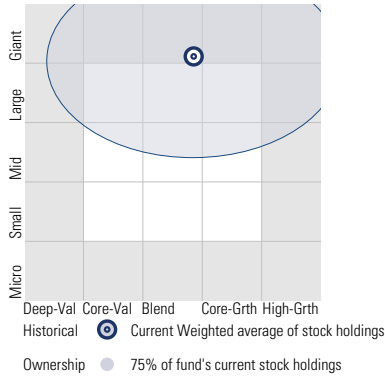
# Vanguard 500 Index Admiral VFIAX

**Morningstar Category**  
Large Blend

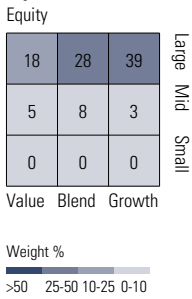
**Morningstar Index**  
S&P 500 TR USD

## Style Analysis as of 03-31-2022

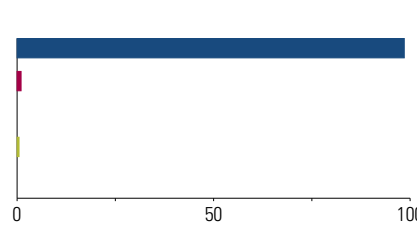
Morningstar Style Box™



## Style Breakdown

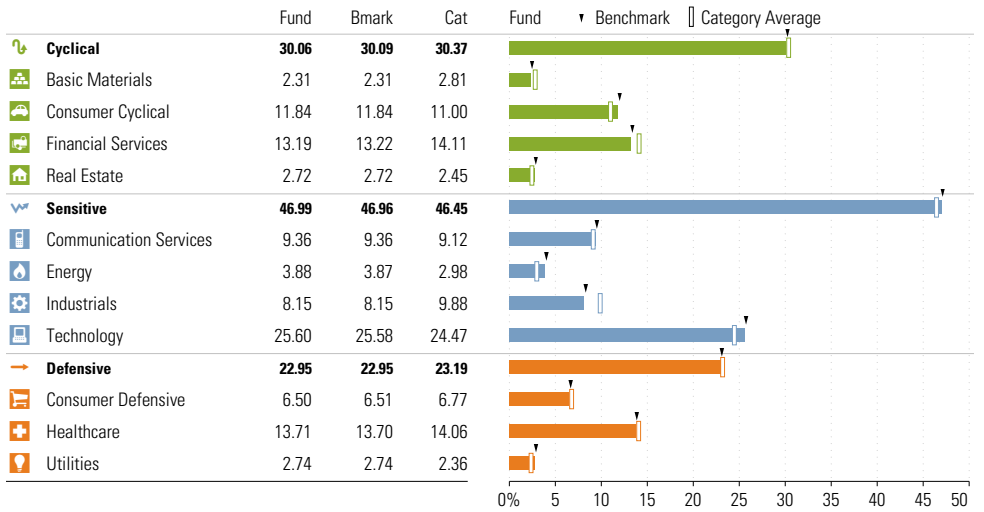


## Asset Allocation as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	98.51	94.72
Non-US Stocks	1.01	2.94
Bonds	0.00	0.94
Cash	0.49	0.37
Other	0.00	1.03
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2022



## Top 15 Holdings as of 03-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Apple Inc	7.04	7.04	-1.54	Technology
⊕ Microsoft Corp	6.01	13.05	-8.14	Technology
⊕ Amazon.com Inc	3.71	16.76	-2.23	Consumer Cyclical
⊕ Tesla Inc	2.35	19.11	1.97	Consumer Cyclical
⊕ Alphabet Inc Class A	2.17	21.28	-3.99	Communication Svc
⊕ Alphabet Inc Class C	2.02	23.30	-3.48	Communication Svc
⊕ NVIDIA Corp	1.77	25.07	-7.21	Technology
⊕ Berkshire Hathaway Inc Class B	1.68	26.75	18.03	Financial Services
⊖ Meta Platforms Inc Class A	1.34	28.09	-33.89	Communication Svc
⊕ UnitedHealth Group Inc	1.25	29.34	1.85	Healthcare
⊕ Johnson & Johnson	1.21	30.55	4.22	Healthcare
⊕ JPMorgan Chase & Co	1.05	31.60	-13.28	Financial Services
⊖ Procter & Gamble Co	0.95	32.55	-6.06	Consumer Defensive
⊖ Visa Inc Class A	0.95	33.50	2.51	Financial Services
⊕ Exxon Mobil Corp	0.91	34.41	36.41	Energy

**Total Holdings 508**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard International Growth Adm VWILX

**Morningstar Category**  
Foreign Large Growth

**Morningstar Index**  
MSCI EAFE NR USD

## Portfolio Manager(s)

James Anderson since 02-2003  
Simon Webber since 12-2009  
Thomas Coutts since 12-2016  
James Gautrey since 12-2020  
Lawrence Burns since 12-2020

## Quantitative Screens

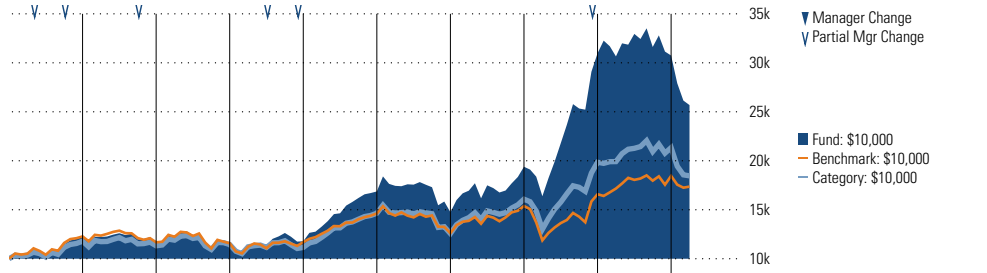
✔ **Performance:** The fund has finished in the Foreign Large Growth category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 19.16 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.32 is 69.81% lower than the Foreign Large Growth category average.

## Growth of \$10,000



	2013	2014	2015	2016	2017	2018	2019	2020	2021	YTD	History
Performance Quartile (Within Category)	III	III	III	III	III	III	III	III	III	III	III
Total Return %	23.12	-5.51	-0.54	1.84	43.16	-12.58	31.48	59.74	-0.74	-16.45	Total Return %
+/- Benchmark	0.34	-0.61	0.27	0.84	18.13	1.21	9.47	51.92	-12.00	-10.54	+/- Benchmark
+/- Category	4.54	-1.59	-1.49	3.98	12.29	1.50	3.65	34.26	-8.43	-3.02	+/- Category
Tot Ret % Rank in Cat	15	65	67	12	6	31	22	4	89	78	Tot Ret % Rank in Cat
# of Funds in Cat	378	377	392	381	394	406	411	434	452	471	# of Funds in Cat
Turnover %	31	21	29	29	15	16	13	20	25	-	Turnover %
Expense Ratio	-	-	0.34	0.33	0.32	0.32	0.32	0.33	0.32	-	Expense Ratio

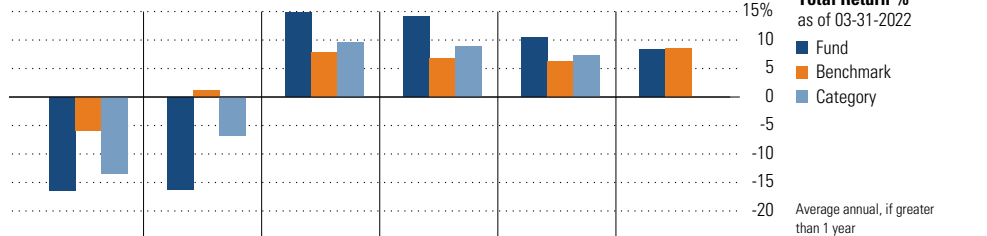
## Morningstar Investment Management LLC Analysis

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## ESG Metrics

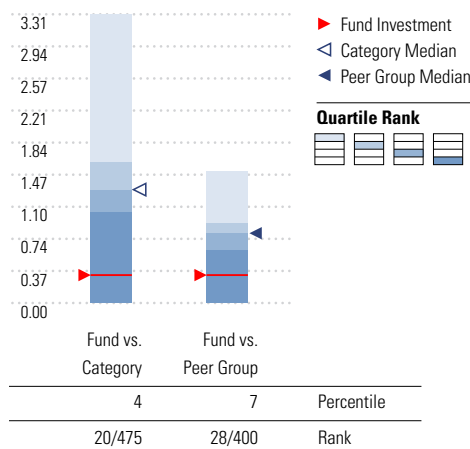
Metric	Rating	Updated
Sustainability Rating	3	02-28-2022
Carbon Risk Score	Low Risk	12-31-2021

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	
Fund Return %	-16.45	-16.21	14.87	14.11	10.48	8.38	Fund Return %
Benchmark Return %	-5.91	1.16	7.78	6.72	6.27	8.54	Benchmark Return %
Category Average %	-13.43	-6.83	9.62	8.92	7.29	-	Category Average %
% Rank in Category	78	89	6	2	3	-	% Rank in Category
# of Funds in Category	471	454	390	340	228	-	# 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	7.02	-	2.26
Beta	1.01	-	0.91
R-Squared	67.47	-	79.65
Standard Deviation	21.28	17.23	17.74
Sharpe Ratio	0.72	0.48	0.55
Tracking Error	12.14	-	8.20
Information Ratio	0.58	-	0.19
Up Capture Ratio	116.70	-	101.72
Down Capture Ratio	89.99	-	95.46

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	25.04	14.30	20.85
Price/Book Ratio	4.27	1.73	3.26
Geom Avg Mkt Cap \$B	86.57	47.32	54.00
ROE	18.94	18.89	21.88

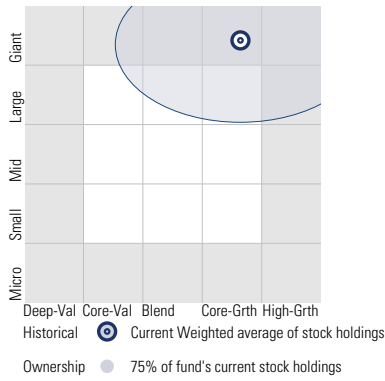
# Vanguard International Growth Adm VWILX

**Morningstar Category**  
Foreign Large Growth

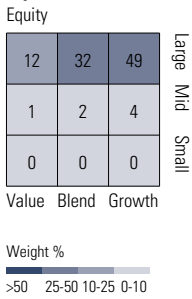
**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 03-31-2022

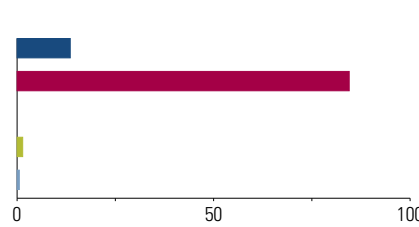
Morningstar Style Box™



## Style Breakdown

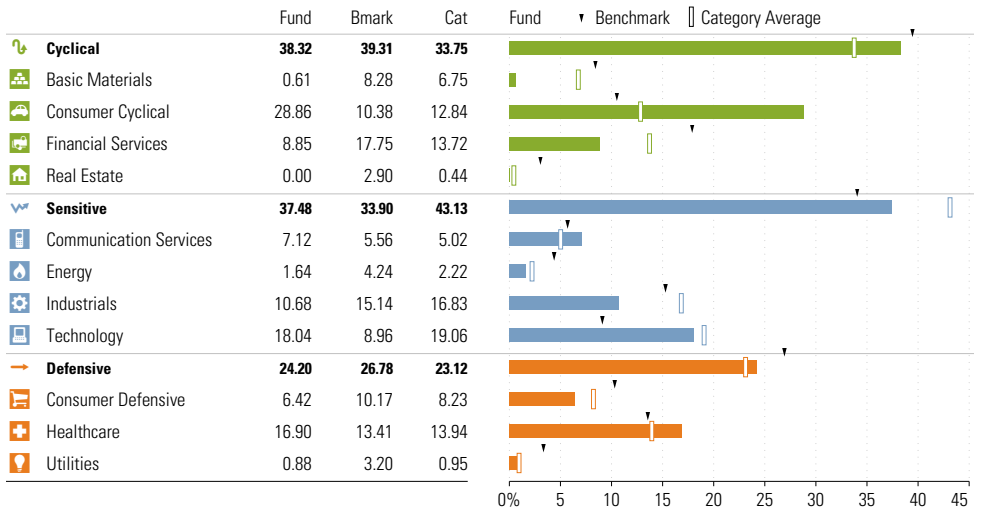


## Asset Allocation as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	13.52	8.16
Non-US Stocks	84.50	88.72
Bonds	0.00	0.09
Cash	1.42	2.70
Other	0.56	0.33
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2022



## World Regions % Equity 03-31-2022



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	29.65	26.85	Americas	19.97	14.92	Greater Europe	50.39	58.22	Developed Markets	80.21
Japan	7.83	11.75	North America	15.21	13.10	United Kingdom	5.84	10.13	Emerging Markets	19.79
Australasia	0.58	1.58	Central/Latin	4.76	1.82	W euro-ex UK	44.27	46.80	Not Available	0.00
Asia-4 Tigers	6.21	6.52				Emrgng Europe	0.00	0.44		
Asia-ex 4 Tigers	15.03	7.00				Africa	0.28	0.85		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 03-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
ASML Holding NV	6.29	6.29	-13.68	Technology
MercadoLibre Inc	4.25	10.55	-11.79	Consumer Cyclical
Tencent Holdings Ltd	4.05	14.60	-21.54	Communication Svc
Moderna Inc	3.84	18.44	-32.18	Healthcare
Adyen NV	3.60	22.04	-21.74	Technology
Kering SA	3.42	25.46	-18.06	Consumer Cyclical
Tesla Inc	3.27	28.73	1.97	Consumer Cyclical
Taiwan Semiconductor Manufacturing Co Ltd	3.24	31.97	-2.48	Technology
Spotify Technology SA	2.37	34.34	-35.47	Communication Svc
Illumina Inc	2.26	36.60	-8.16	Healthcare

**Total Holdings 148**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard International Value Inv VTRIX

**Morningstar Category**  
Foreign Large Value

**Morningstar Index**  
MSCI EAFE NR USD

## Portfolio Manager(s)

Michael Bennett since 05-2010  
Michael Fry since 05-2010  
Steven Morrow since 08-2012  
A. Rama Krishna since 12-2012  
Arjun Kumar since 10-2020  
Shirley Woo since 10-2020

## Quantitative Screens

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

**Management:** The fund's management has been in place for 11.85 years.

**Style:** The fund has landed in its primary style box — Large Value — 91.67 % of the time over the past three years.

**Net Expense:** The fund's expense ratio of 0.36 is 63.64% lower than the Foreign Large Value category average.

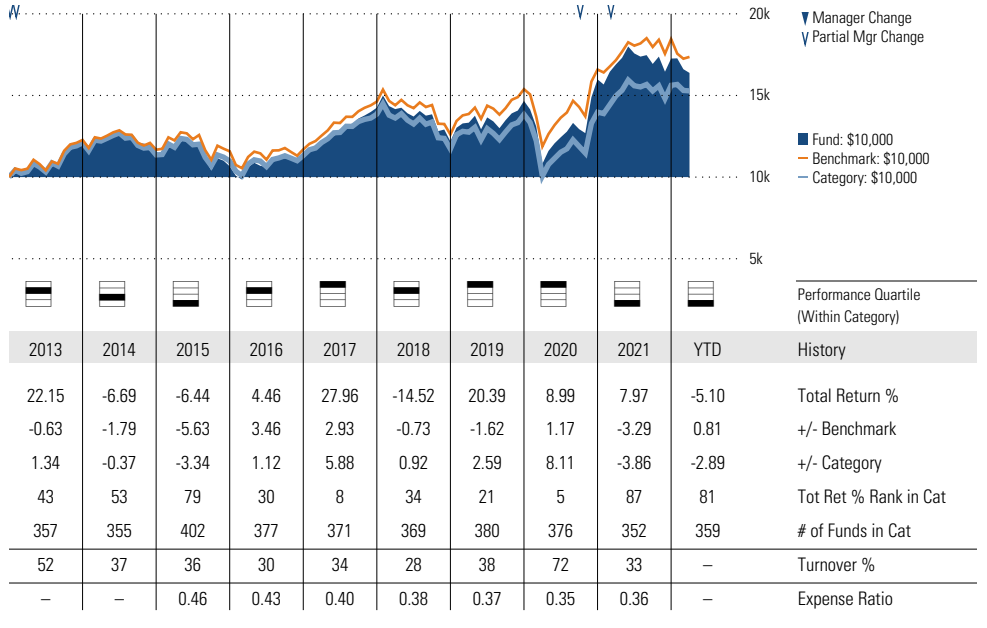
## Morningstar Investment Management LLC Analysis

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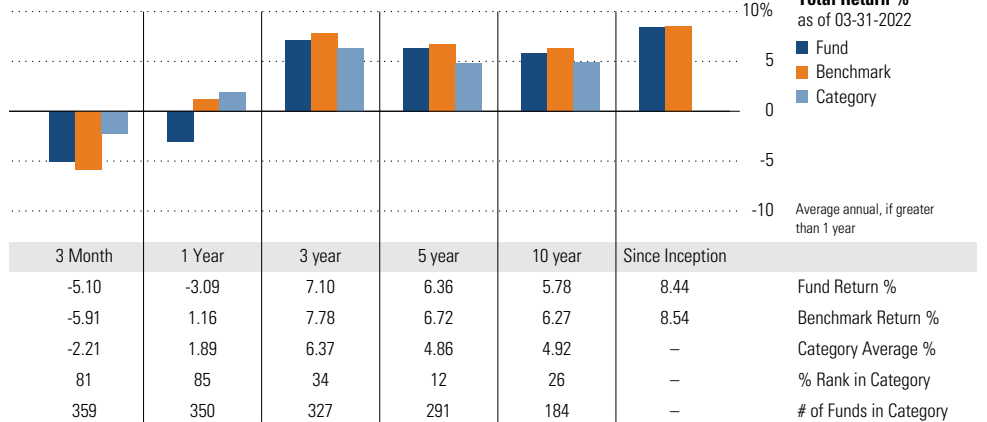
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	02-28-2022
Carbon Risk Score	Medium Risk	12-31-2021

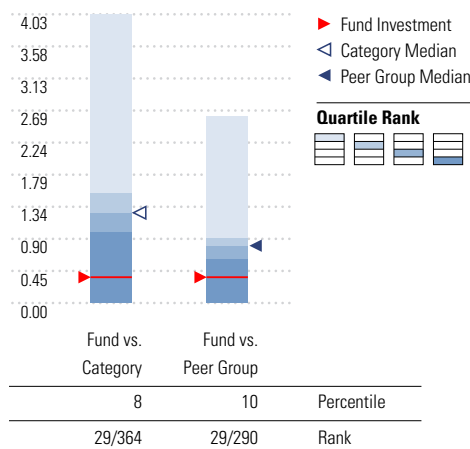
## Growth of \$10,000



## 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

Metric	Fund	Bmark	Cat
Alpha	-0.99	-	-1.53
Beta	1.09	-	1.08
R-Squared	92.28	-	89.57
Standard Deviation	19.48	17.23	19.73
Sharpe Ratio	0.41	0.48	0.39
Tracking Error	5.61	-	6.79
Information Ratio	-0.12	-	-0.22
Up Capture Ratio	104.19	-	103.11
Down Capture Ratio	108.79	-	110.65

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	15.19	14.30	10.50
Price/Book Ratio	1.61	1.73	1.25
Geom Avg Mkt Cap \$B	32.77	47.32	36.03
ROE	13.24	18.89	15.85

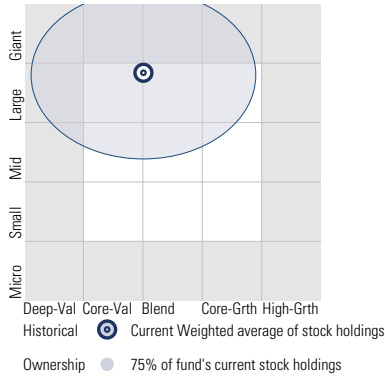
# Vanguard International Value Inv VTRIX

**Morningstar Category**  
Foreign Large Value

**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 03-31-2022

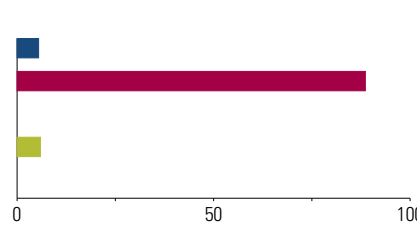
Morningstar Style Box™



## Style Breakdown

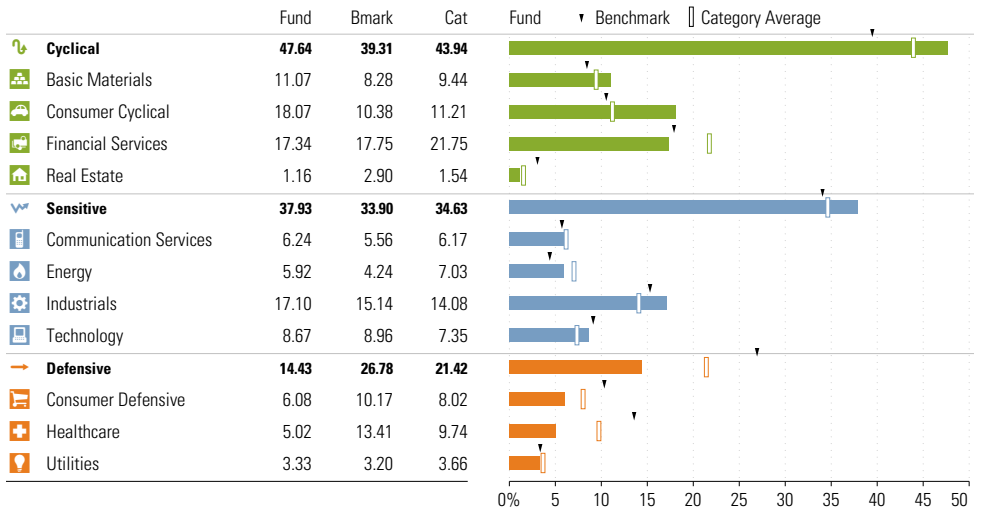


## Asset Allocation as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	5.47	2.88
Non-US Stocks	88.61	95.21
Bonds	0.00	-0.01
Cash	5.93	1.85
Other	0.00	0.08
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2022



## World Regions % Equity 03-31-2022



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	35.90	30.35	Americas	11.26	8.94	Greater Europe	52.83	60.70	Developed Markets	82.09
Japan	10.34	16.92	North America	7.77	7.66	United Kingdom	17.85	18.38	Emerging Markets	17.91
Australasia	1.21	3.21	Central/Latin	3.49	1.28	W euro-ex UK	33.69	41.37	Not Available	0.00
Asia-4 Tigers	11.15	7.34				Emrgng Europe	0.24	0.33		
Asia-ex 4 Tigers	13.20	2.88				Africa	1.05	0.62		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 03-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Mktliq 12/31/2049	5.48	5.48	-	-
⊕ Alibaba Group Holding Ltd Ordinary Shares	1.37	6.85	-5.61	Consumer Cyclical
⊕ Compass Group PLC	1.32	8.17	0.79	Consumer Cyclical
⊕ Novartis AG	1.23	9.40	3.72	Healthcare
⊕ SK Hynix Inc	1.18	10.58	-	Technology
⊕ RELX PLC	1.15	11.73	-0.79	Communication Svc
⊖ Compagnie Financiere Richemont SA	1.14	12.87	-13.84	Consumer Cyclical
⊕ Holcim Ltd	1.10	13.97	-2.62	Basic Materials
⊕ HSBC Holdings PLC	1.08	15.06	20.16	Financial Services
⊖ Samsung Electronics Co Ltd	1.08	16.14	-	Technology

**Total Holdings 239**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard LifeStrategy Cnsvr Gr Inv VSCGX

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

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

## Portfolio Manager(s)

Walter Nejman since 02-2022  
William Coleman since 02-2022

## Quantitative Screens

✔ **Performance:** The fund has finished in the Allocation--30% to 50% Equity category's top three quartiles in 9 of the 10 years it's been in existence.

✘ **Management:** The fund's management team has been in place for less than three 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 87.5% lower than the Allocation--30% to 50% Equity category average.

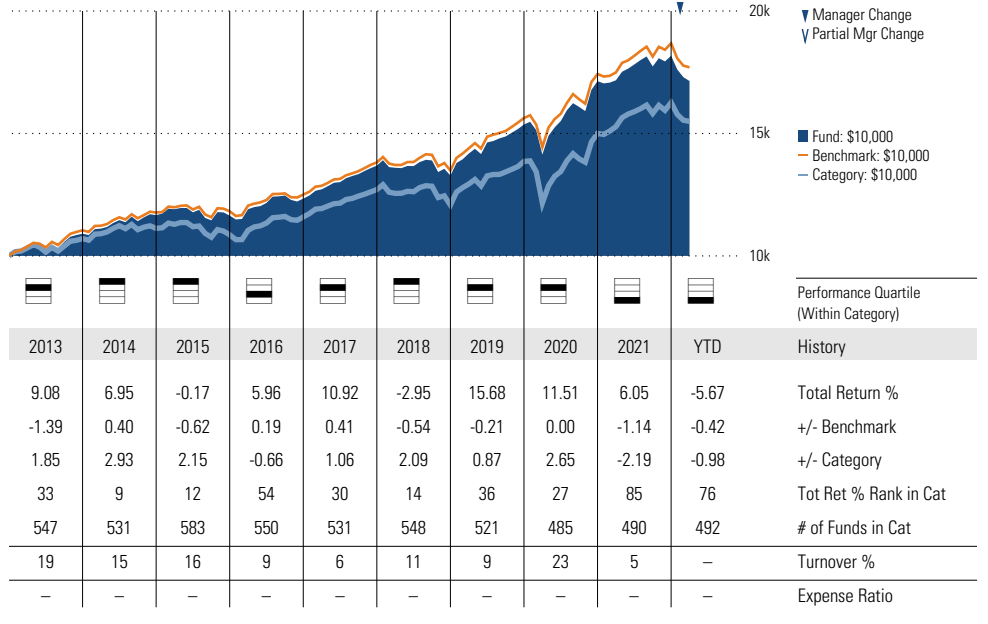
## Morningstar Investment Management LLC Analysis

Although this fund technically fails the manager tenure screen due to changes in how the portfolio management team is listed, in fact the same team that oversees the strategy remains in place.

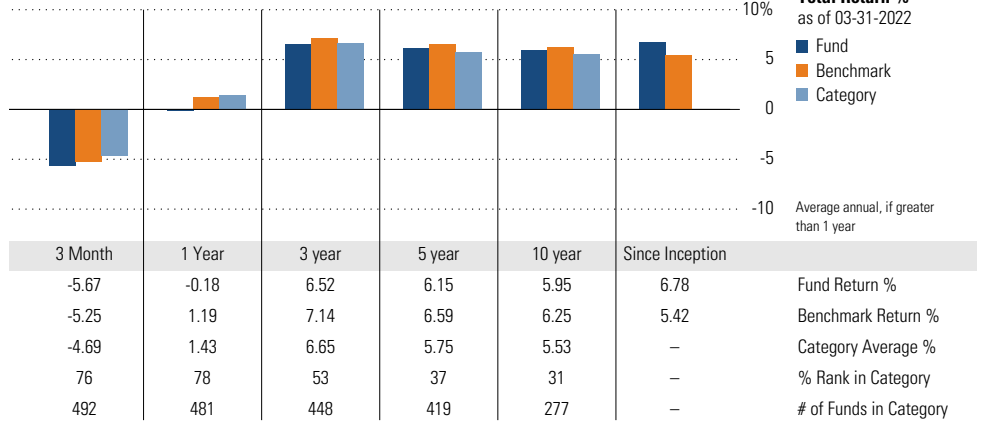
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	02-28-2022
ESG Commitment	1-Low	02-15-2022

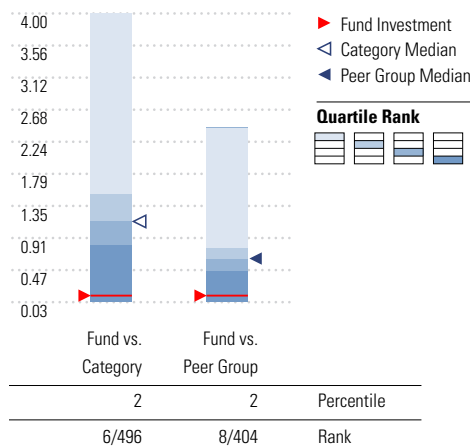
## Growth of \$10,000



## 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	-0.61	-	-1.35
Beta	1.01	-	1.10
R-Squared	99.12	-	91.44
Standard Deviation	7.74	7.66	8.80
Sharpe Ratio	0.77	0.85	0.68
Tracking Error	0.73	-	2.77
Information Ratio	-0.84	-	-0.31
Up Capture Ratio	97.25	-	101.09
Down Capture Ratio	102.65	-	112.70

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	16.89	18.48	18.34
Price/Book Ratio	2.49	2.91	2.98
Avg Eff Duration	7.25	6.36	5.11

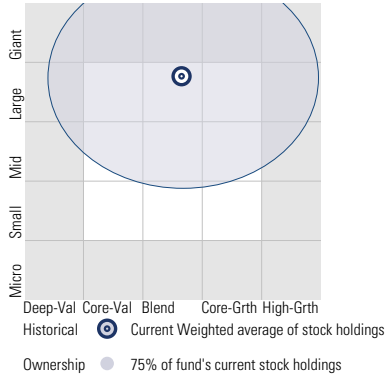
# Vanguard LifeStrategy Cnsvr Gr Inv VSCGX

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

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

## Style Analysis as of 03-31-2022

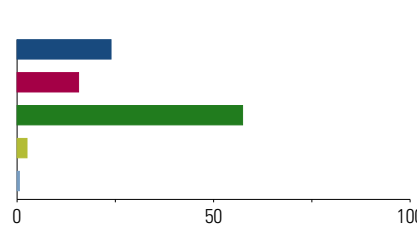
Morningstar Style Box™



## Style Breakdown

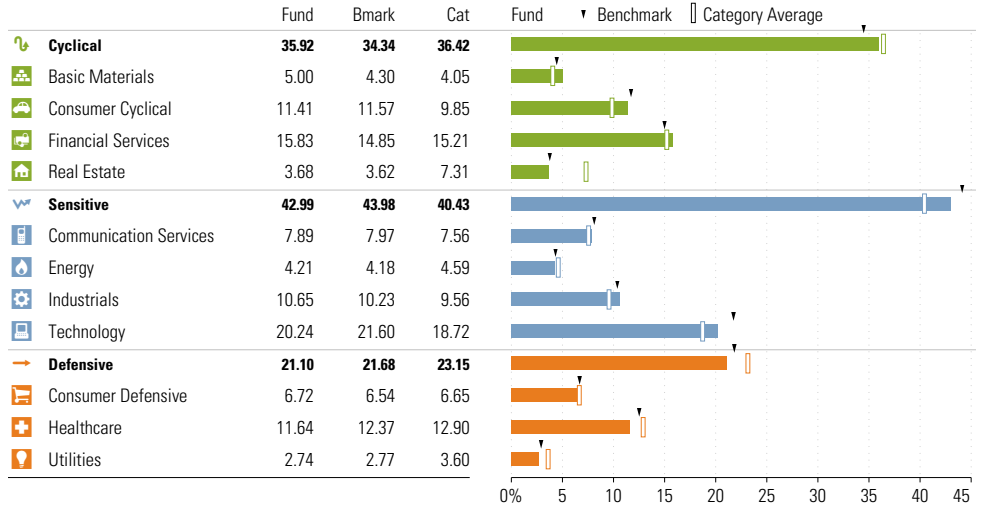


## Asset Allocation as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	23.90	27.84
Non-US Stocks	15.64	7.42
Bonds	57.37	51.42
Cash	2.52	6.64
Other	0.58	6.69
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2022



## Top 7 Holdings as of 03-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	—	40.74	40.74	—	—
⊖ Vanguard Total Stock Mkt Idx Inv	—	24.12	64.86	—	—
⊖ Vanguard Total Intl Bd Idx Investor	—	15.99	80.84	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	15.95	96.79	—	—
⊕ Vanguard Total Intl Bd II Idx Investor	—	1.90	98.69	—	—
⊖ Mktliq 12/31/2049	—	1.31	100.01	—	—
⊖ Us Dollar	—	0.01	100.02	—	—

## Total Holdings 7

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard LifeStrategy Growth Inv VASGX

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

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

## Portfolio Manager(s)

Walter Nejman since 02-2022  
William Coleman since 02-2022

## Quantitative Screens

✔ **Performance:** The fund has finished in the Allocation--70% to 85% Equity category's top three quartiles in 10 of the 10 years it's been in existence.

✘ **Management:** The fund's management team has been in place for less than three 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 86.27% lower than the Allocation--70% to 85% Equity category average.

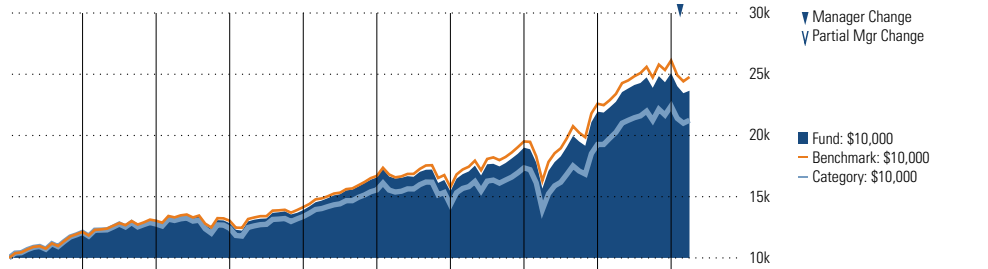
## Morningstar Investment Management LLC Analysis

Although this fund technically fails the manager tenure screen due to changes in how the portfolio management team is listed, in fact the same team that oversees the strategy remains in place.

## ESG Metrics

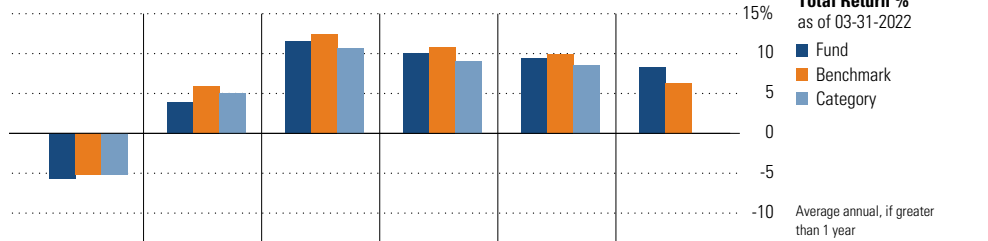
Metric	Rating	Updated
Sustainability Rating	3	02-28-2022
ESG Commitment	1-Low	02-15-2022
Carbon Risk Score	Low Risk	12-31-2021

## Growth of \$10,000



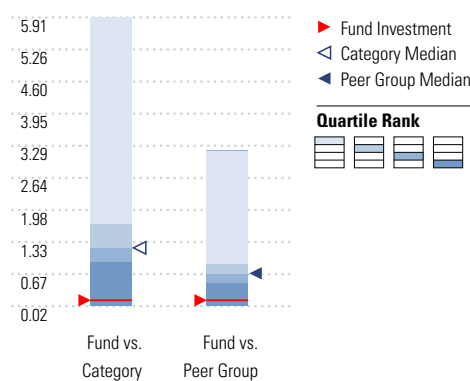
	2013	2014	2015	2016	2017	2018	2019	2020	2021	YTD	Performance Quartile (Within Category)
	21.20	7.18	-1.17	8.33	19.21	-6.90	23.13	15.45	14.35	-5.72	History
	-0.07	-0.32	-1.14	-0.23	1.18	-1.37	-0.54	-0.33	-1.30	-0.54	Total Return %
	-0.11	1.47	1.60	0.40	3.41	1.03	1.78	1.94	-2.15	-0.57	+/- Benchmark
	53	20	30	34	20	34	32	27	70	56	+/- Category
	396	390	405	360	331	336	327	316	322	322	Tot Ret % Rank in Cat
	9	10	13	5	6	10	6	13	4	-	# of Funds in Cat
	-	-	-	-	-	-	-	-	-	-	Turnover %
	-	-	-	-	-	-	-	-	-	-	Expense Ratio

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Total Return % as of 03-31-2022
	-5.72	3.96	11.51	10.01	9.41	8.34	Fund
	-5.18	5.89	12.40	10.77	9.89	6.32	Benchmark
	-5.15	5.06	10.70	9.08	8.58	-	Category
	56	60	35	29	26	-	Average annual, if greater than 1 year
	322	315	288	265	199	-	

## Net Expense



	Fund vs. Category	Fund vs. Peer Group	Percentile
	1	4	
	3/327	11/299	Rank

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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-1.01	-	-1.79
Beta	1.02	-	1.03
R-Squared	99.40	-	94.25
Standard Deviation	14.20	13.88	14.79
Sharpe Ratio	0.79	0.86	0.73
Tracking Error	1.13	-	3.50
Information Ratio	-0.78	-	-0.54
Up Capture Ratio	98.78	-	97.52
Down Capture Ratio	103.58	-	106.75

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	16.92	18.30	17.94
Price/Book Ratio	2.50	2.86	2.80
Avg Eff Duration	7.25	6.36	5.08

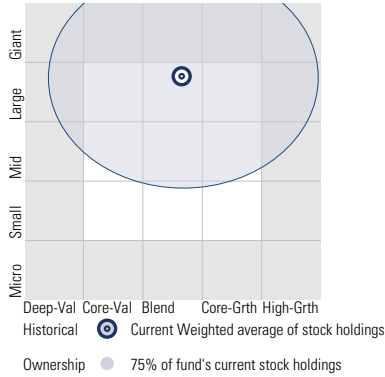
# Vanguard LifeStrategy Growth Inv VASGX

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

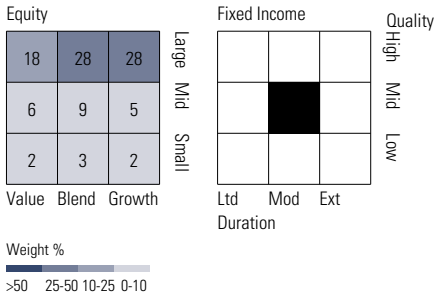
**Morningstar Index**  
Morningstar US Mod Agg Tgt Alloc NR  
USD

## Style Analysis as of 03-31-2022

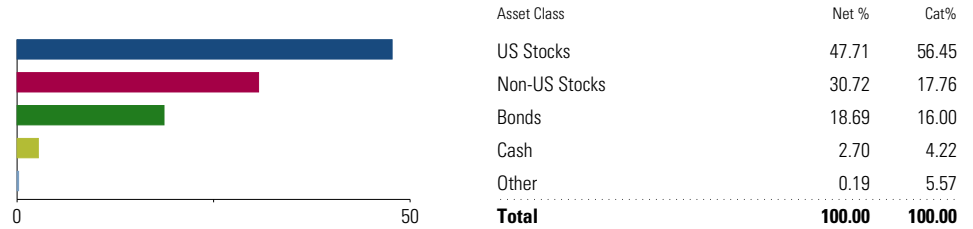
Morningstar Style Box™



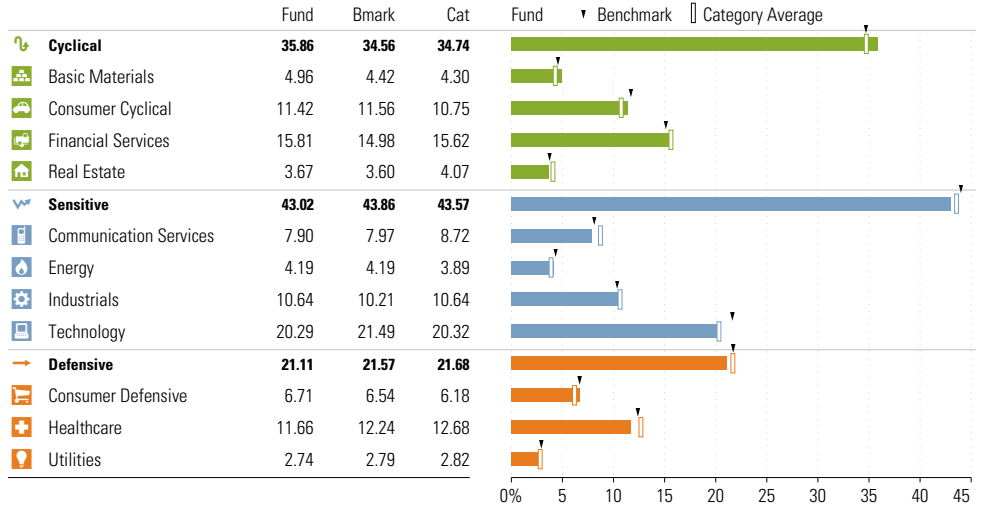
## Style Breakdown



## Asset Allocation as of 03-31-2022



## Sector Weighting as of 03-31-2022



## Top 7 Holdings as of 03-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	—	48.15	48.15	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	31.30	79.45	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	13.28	92.73	—	—
⊕ Vanguard Total Intl Bd Idx Investor	—	4.87	97.59	—	—
⊖ Mktliq 12/31/2049	—	1.45	99.05	—	—
⊕ Vanguard Total Intl Bd II Idx Investor	—	0.95	99.99	—	—
⊖ Us Dollar	—	0.01	100.00	—	—

## Total Holdings 7

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard LifeStrategy Income Inv VASIX

**Morningstar Category**  
Allocation--15% to 30%  
Equity

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

## Portfolio Manager(s)

Walter Nejman since 02-2022  
William Coleman since 02-2022

## Quantitative Screens

✔ **Performance:** The fund has finished in the Allocation--15% to 30% Equity category's top three quartiles in 8 of the 10 years it's been in existence.

✘ **Management:** The fund's management team has been in place for less than three years.

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

✔ **Net Expense:** The fund's expense ratio of 0.11 is 88.78% lower than the Allocation--15% to 30% Equity category average.

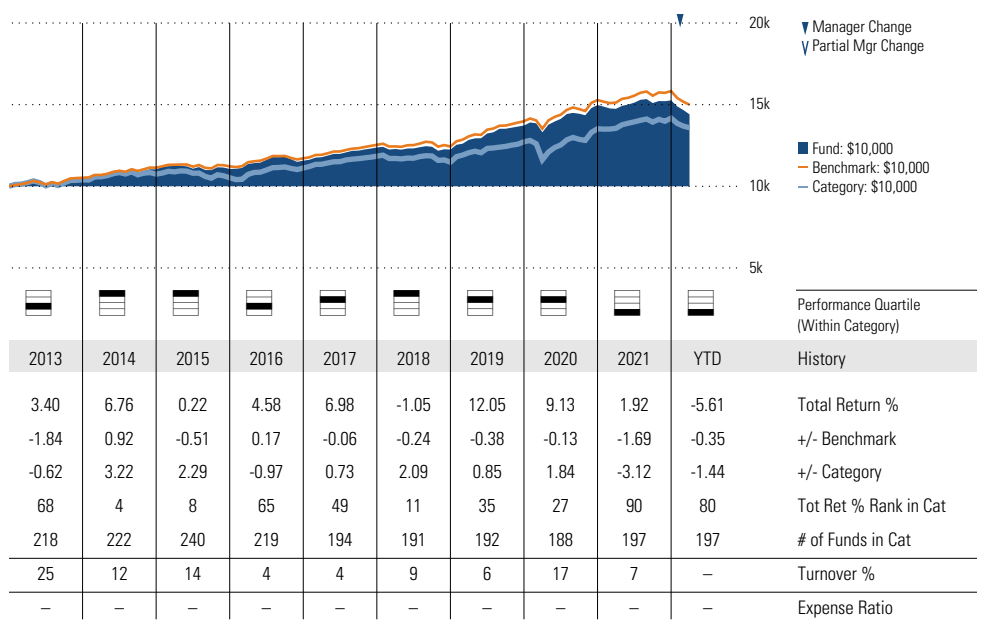
## Morningstar Investment Management LLC Analysis

Although this fund technically fails the manager tenure screen due to changes in how the portfolio management team is listed, in fact the same team that oversees the strategy remains in place.

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	02-28-2022
ESG Commitment	1-Low	02-15-2022

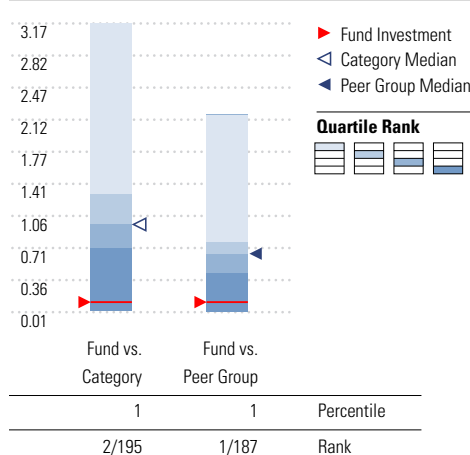
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.64	-	-0.89
Beta	0.97	-	1.13
R-Squared	97.03	-	84.56
Standard Deviation	5.05	5.13	6.38
Sharpe Ratio	0.65	0.80	0.60
Tracking Error	0.88	-	2.72
Information Ratio	-0.92	-	-0.22
Up Capture Ratio	90.39	-	104.76
Down Capture Ratio	97.40	-	116.22

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	16.76	19.11	18.33
Price/Book Ratio	2.46	3.07	2.80
Avg Eff Duration	7.26	6.36	3.46

# Vanguard LifeStrategy Income Inv VASIX

**Morningstar Category**  
Allocation--15% to 30%

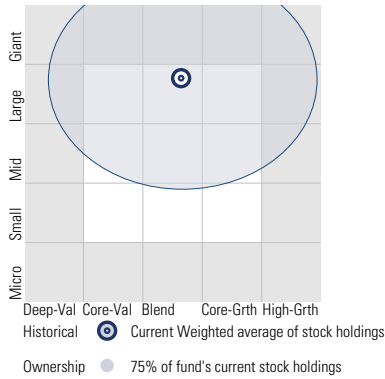
**Morningstar Index**

Morningstar US Con Tgt Alloc NR USD

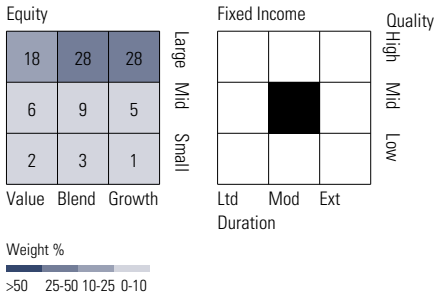
Equity

## Style Analysis as of 03-31-2022

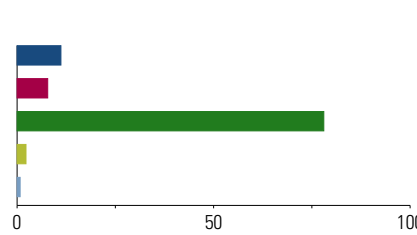
Morningstar Style Box™



## Style Breakdown

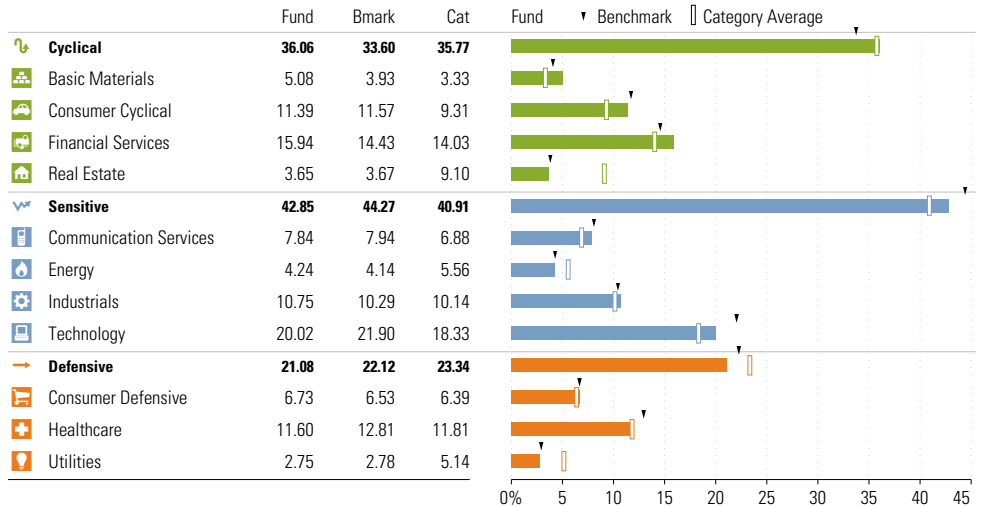


## Asset Allocation as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	11.15	12.13
Non-US Stocks	7.79	2.56
Bonds	78.04	69.75
Cash	2.26	10.54
Other	0.77	5.04
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2022



## Top 7 Holdings as of 03-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	—	55.31	55.31	—	—
⊖ Vanguard Total Intl Bd Idx Investor	—	22.74	78.05	—	—
⊖ Vanguard Total Stock Mkt Idx Inv	—	11.25	89.30	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	7.95	97.25	—	—
⊕ Vanguard Total Intl Bd II Idx Investor	—	1.70	98.95	—	—
⊖ Mktliq 12/31/2049	—	1.08	100.04	—	—
⊕ Us Dollar	—	0.04	100.07	—	—

## Total Holdings 7

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard LifeStrategy Moderate Gr Inv VSMGX

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

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

## Portfolio Manager(s)

Walter Nejman since 02-2022  
William Coleman since 02-2022

## Quantitative Screens

✔ **Performance:** The fund has finished in the Allocation--50% to 70% Equity category's top three quartiles in 9 of the 10 years it's been in existence.

✘ **Management:** The fund's management team has been in place for less than three years.

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

✔ **Net Expense:** The fund's expense ratio of 0.13 is 87.38% lower than the Allocation--50% to 70% Equity category average.

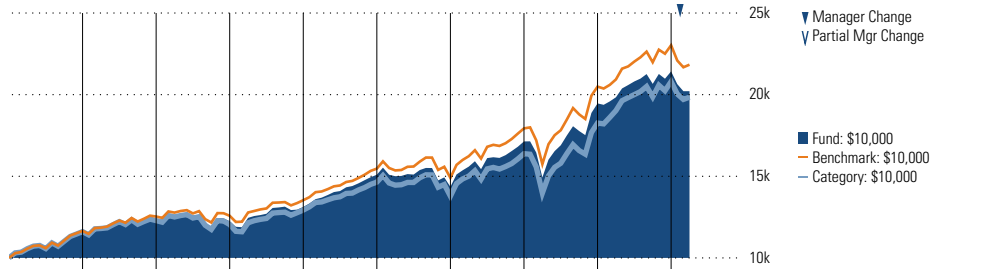
## Morningstar Investment Management LLC Analysis

Although this fund technically fails the manager tenure screen due to changes in how the portfolio management team is listed, in fact the same team that oversees the strategy remains in place.

## ESG Metrics

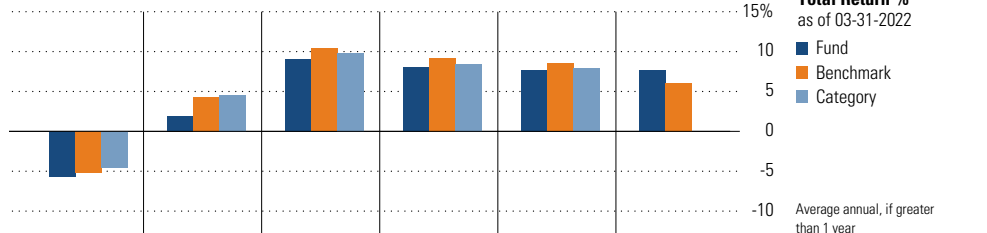
Metric	Rating	Updated
Sustainability Rating	3	02-28-2022
ESG Commitment	1-Low	02-15-2022
Carbon Risk Score	Low Risk	12-31-2021

## Growth of \$10,000



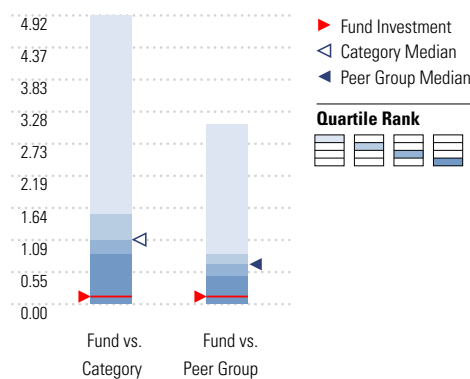
	2013	2014	2015	2016	2017	2018	2019	2020	2021	YTD	Performance Quartile (Within Category)
	15.04	7.07	-0.57	7.13	15.04	-4.91	19.37	13.59	10.08	-5.66	History
	-1.49	-0.50	-0.93	-0.47	0.76	-1.25	-0.96	-0.67	-2.29	-0.49	Total Return %
	-1.44	0.86	1.36	-0.21	1.83	0.85	0.14	1.87	-3.81	-1.03	+/- Benchmark
	68	38	32	42	26	39	53	36	88	65	+/- Category
	797	769	817	769	744	760	734	707	721	741	Tot Ret % Rank in Cat
	15	12	16	9	6	12	9	21	5	-	# of Funds in Cat
	-	-	-	-	-	-	-	-	-	-	Turnover %
	-	-	-	-	-	-	-	-	-	-	Expense Ratio

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	
	-5.66	1.88	9.03	8.10	7.71	7.69	Fund Return %
	-5.17	4.31	10.39	9.19	8.50	6.04	Benchmark Return %
	-4.63	4.55	9.85	8.47	7.89	-	Category Average %
	65	78	69	57	54	-	% Rank in Category
	741	706	661	604	438	-	# of Funds in Category

## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-1.10	-	-0.88
Beta	0.99	-	1.03
R-Squared	98.96	-	92.55
Standard Deviation	10.89	10.99	11.81
Sharpe Ratio	0.79	0.89	0.79
Tracking Error	1.12	-	3.18
Information Ratio	-1.21	-	-0.21
Up Capture Ratio	93.34	-	99.13
Down Capture Ratio	99.09	-	104.53

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	16.92	19.05	18.53
Price/Book Ratio	2.50	3.11	2.92
Avg Eff Duration	7.25	6.36	5.01

# Vanguard LifeStrategy Moderate Gr Inv VSMGX

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

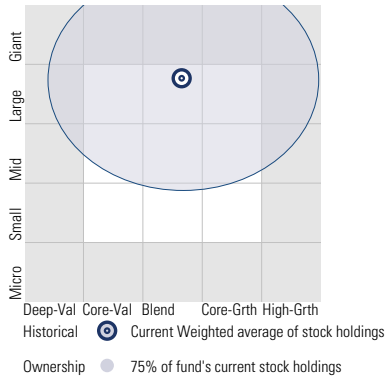
**Morningstar Index**

Morningstar US Mod Tgt Alloc NR USD

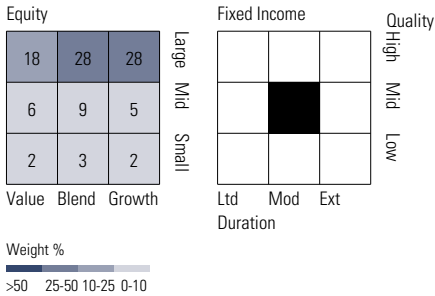
Equity

## Style Analysis as of 03-31-2022

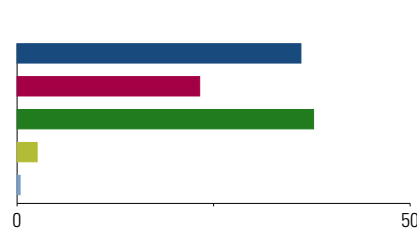
Morningstar Style Box™



## Style Breakdown

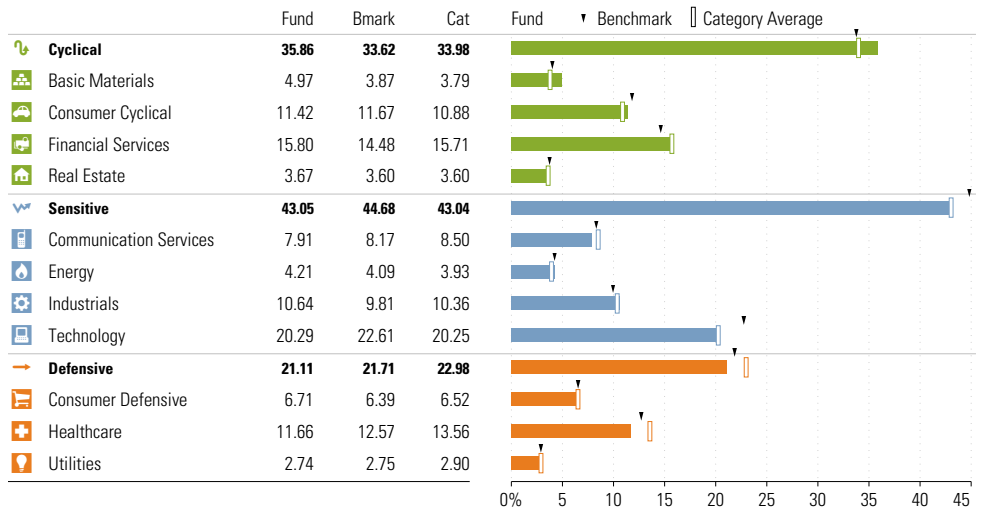


## Asset Allocation as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	36.11	47.30
Non-US Stocks	23.23	11.26
Bonds	37.72	31.99
Cash	2.55	5.39
Other	0.38	4.04
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2022



## Top 7 Holdings as of 03-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	—	36.45	36.45	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	26.84	63.29	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	23.67	86.96	—	—
⊕ Vanguard Total Intl Bd Idx Investor	—	10.10	97.06	—	—
⊕ Vanguard Total Intl Bd II Idx Investor	—	1.61	98.68	—	—
⊖ Mktliq 12/31/2049	—	1.35	100.02	—	—
⊕ Us Dollar	—	0.02	100.05	—	—

## Total Holdings 7

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard Mid-Cap Growth Index Admiral VMGMX

**Morningstar Category**  
Mid-Cap Growth

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

## Portfolio Manager(s)

Donald Butler since 02-2013

Awais Khan since 07-2021

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 9.11 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.07 is 93.4% lower than the Mid-Cap Growth category average.

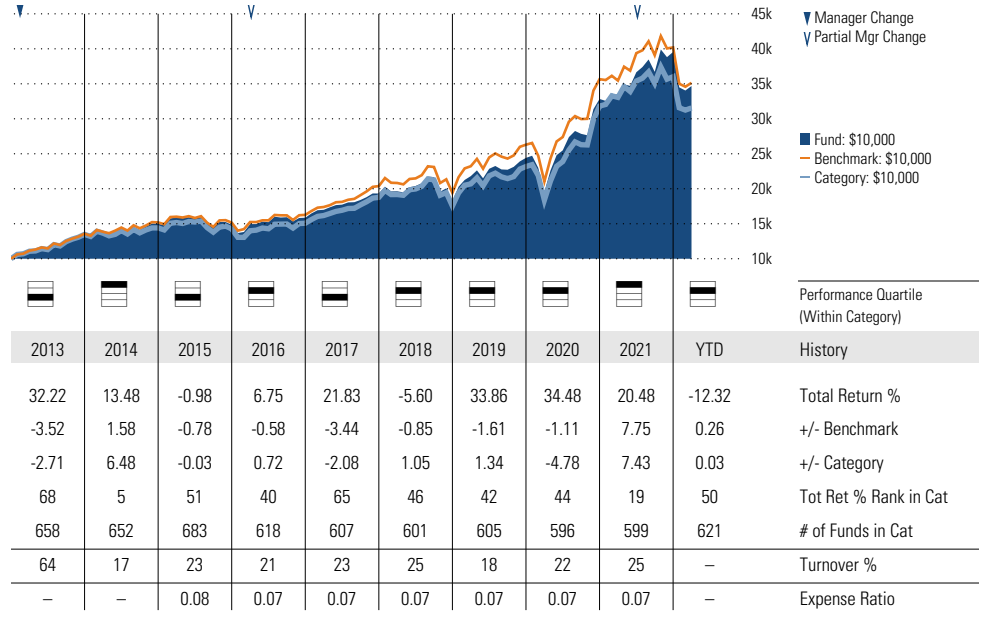
## Morningstar Investment Management LLC Analysis

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

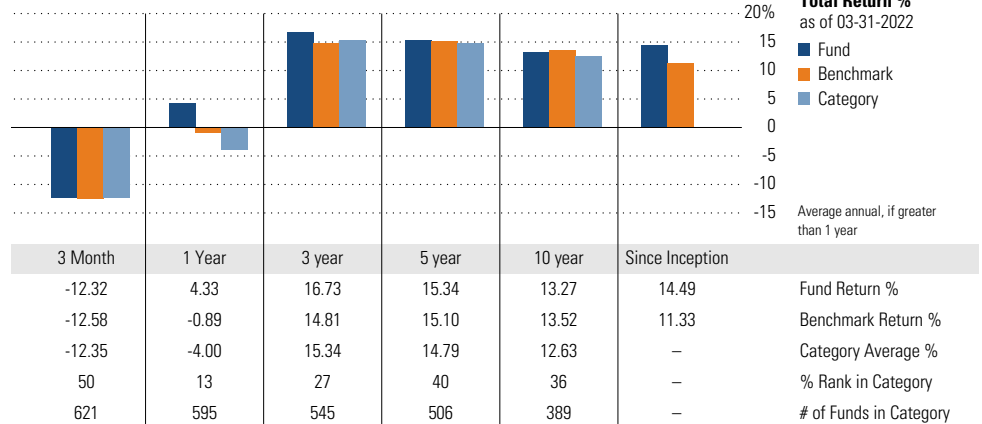
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	02-28-2022
ESG Commitment	1-Low	02-15-2022
Carbon Risk Score	Low Risk	12-31-2021

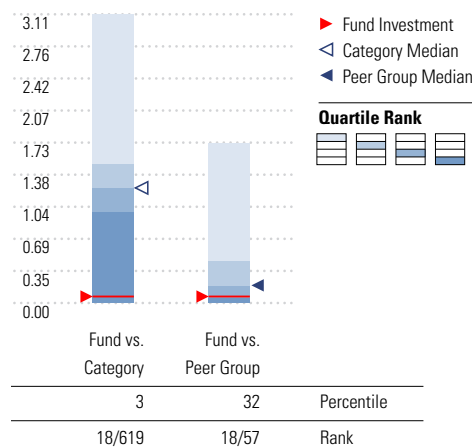
## Growth of \$10,000



## 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	2.02	-	0.91
Beta	0.97	-	0.98
R-Squared	98.34	-	90.26
Standard Deviation	21.03	21.40	22.33
Sharpe Ratio	0.81	0.72	0.72
Tracking Error	2.76	-	6.93
Information Ratio	0.69	-	-0.02
Up Capture Ratio	100.88	-	100.70
Down Capture Ratio	93.53	-	99.24

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	32.58	27.52	30.48
Price/Book Ratio	5.47	7.96	5.40
Geom Avg Mkt Cap \$B	26.87	21.62	17.68
ROE	15.50	20.91	18.85

# Vanguard Mid-Cap Growth Index Admiral VMGMX

Morningstar Category

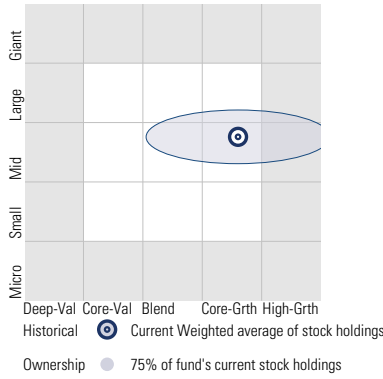
Mid-Cap Growth

Morningstar Index

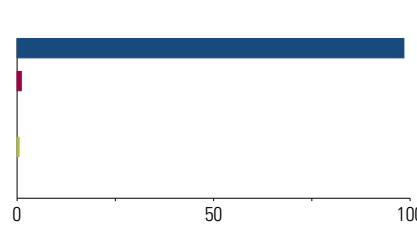
Russell Mid Cap Growth TR USD

## Style Analysis as of 03-31-2022

Morningstar Style Box™



## Asset Allocation as of 03-31-2022

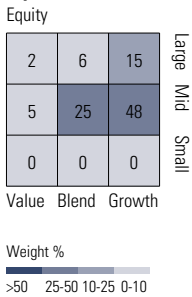


Asset Class	Net %	Cat%
US Stocks	98.42	94.18
Non-US Stocks	1.07	3.57
Bonds	0.00	0.07
Cash	0.51	1.90
Other	0.00	0.29
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2022

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>26.41</b>	<b>26.12</b>	<b>30.01</b>			
Basic Materials	2.98	1.83	2.40			
Consumer Cyclical	11.28	16.32	14.22			
Financial Services	5.59	5.30	9.82			
Real Estate	6.56	2.67	3.57			
<b>Sensitive</b>	<b>54.92</b>	<b>55.05</b>	<b>48.70</b>			
Communication Services	5.89	3.84	3.48			
Energy	3.67	2.51	1.58			
Industrials	12.48	14.76	14.13			
Technology	32.88	33.94	29.51			
<b>Defensive</b>	<b>18.68</b>	<b>18.84</b>	<b>21.29</b>			
Consumer Defensive	1.23	2.10	2.11			
Healthcare	17.45	16.55	18.67			
Utilities	0.00	0.19	0.51			

## Style Breakdown



## Top 15 Holdings as of 03-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Synopsys Inc	1.52	1.52	-9.56	Technology
⊖ DexCom Inc	1.48	3.00	-4.72	Healthcare
⊖ Centene Corp	1.46	4.46	2.17	Healthcare
⊖ Cadence Design Systems Inc	1.36	5.82	-11.75	Technology
⊖ Amphenol Corp Class A	1.34	7.16	-13.62	Technology
⊖ IQVIA Holdings Inc	1.31	8.48	-18.05	Healthcare
⊖ Microchip Technology Inc	1.24	9.72	-13.40	Technology
⊕ Realty Income Corp	1.22	10.94	-2.17	Real Estate
⊖ Digital Realty Trust Inc	1.20	12.14	-19.14	Real Estate
⊖ Devon Energy Corp	1.17	13.31	36.50	Energy
⊖ MSCI Inc	1.16	14.47	-17.75	Financial Services
⊕ Cintas Corp	1.12	15.59	-3.80	Industrials
⊖ SBA Communications Corp	1.11	16.70	-11.36	Real Estate
⊖ Datadog Inc Class A	1.10	17.80	-14.96	Technology
⊖ Waste Connections Inc	1.07	18.88	2.69	Industrials

**Total Holdings 185**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Selected Value Inv VASVX

**Morningstar Category**  
Mid-Cap Value

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

## Portfolio Manager(s)

Richard Greenberg since 02-2005  
Richard Pzena since 03-2014  
John Flynn since 12-2015  
Benjamin Silver since 02-2017  
Jonathan Hartsel since 11-2019  
William Weber since 12-2019  
Mehul Trivedi since 12-2019

## Quantitative Screens

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

**Management:** The fund's management has been in place for 17.1 years.

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

**Net Expense:** The fund's expense ratio of 0.32 is 67.68% lower than the Mid-Cap Value category average.

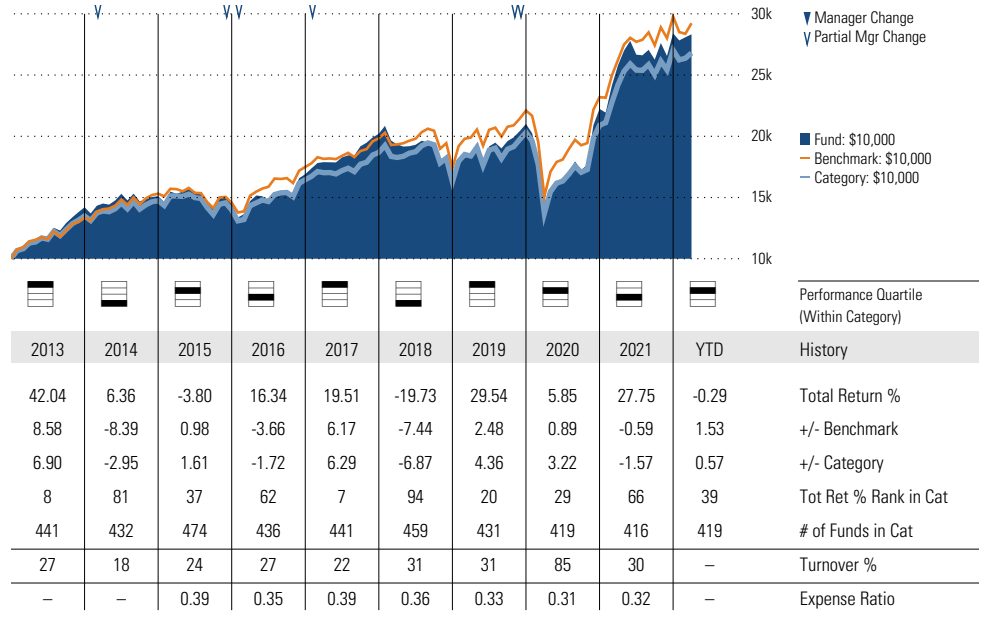
## Morningstar Investment Management LLC Analysis

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

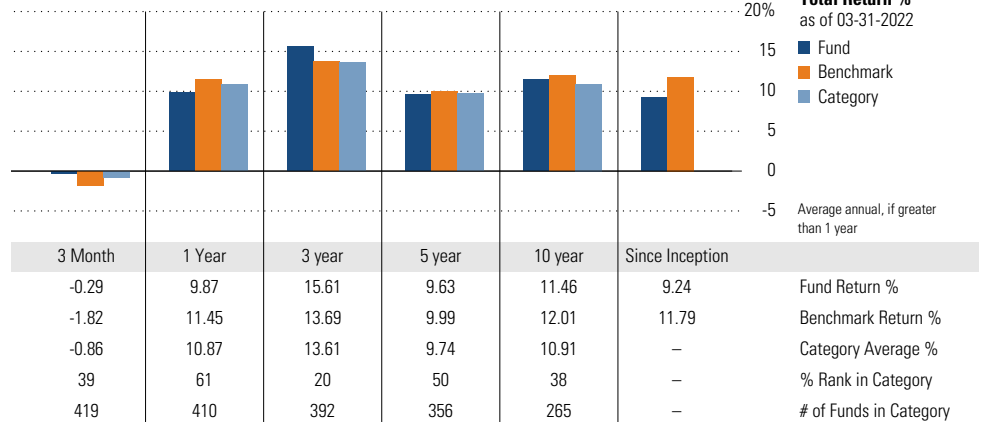
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	02-28-2022
Carbon Risk Score	Medium Risk	12-31-2021

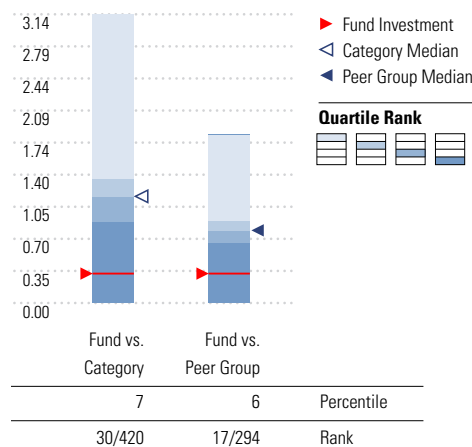
## Growth of \$10,000



## 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

Metric	Fund	Bmark	Cat
Alpha	0.09	-	-0.43
Beta	1.18	-	1.02
R-Squared	96.82	-	95.69
Standard Deviation	26.28	21.94	22.90
Sharpe Ratio	0.67	0.67	0.64
Tracking Error	6.11	-	5.20
Information Ratio	0.31	-	-0.09
Up Capture Ratio	116.18	-	100.60
Down Capture Ratio	116.89	-	102.56

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	12.18	16.83	14.66
Price/Book Ratio	1.64	2.34	2.05
Geom Avg Mkt Cap \$B	10.20	18.60	14.12
ROE	16.04	16.32	17.32

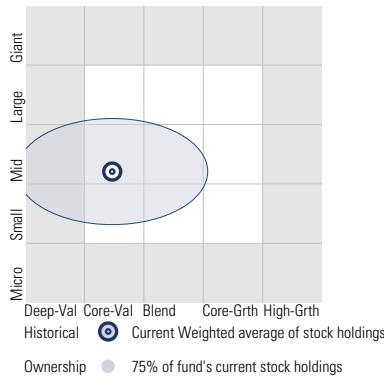
# Vanguard Selected Value Inv VASVX

**Morningstar Category**  
Mid-Cap Value

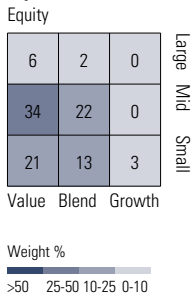
**Morningstar Index**  
Russell Mid Cap Value TR USD

## Style Analysis as of 03-31-2022

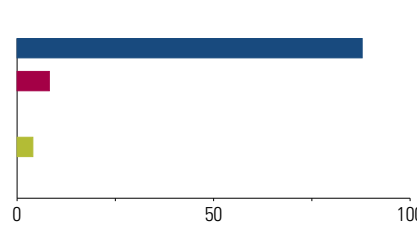
Morningstar Style Box™



## Style Breakdown

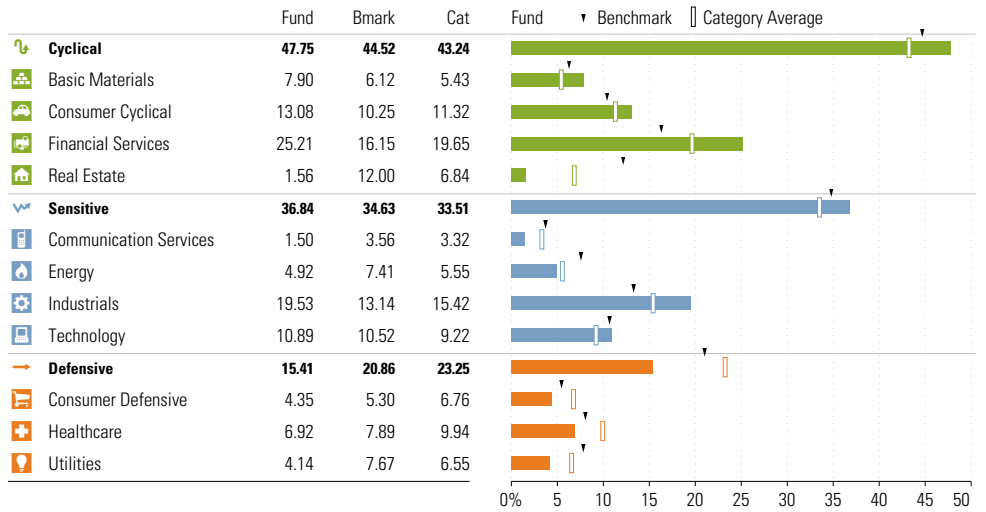


## Asset Allocation as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	87.80	91.44
Non-US Stocks	8.20	5.87
Bonds	0.00	0.07
Cash	4.01	2.09
Other	0.00	0.53
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2022



## Top 15 Holdings as of 03-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Mktliq 12/31/2049	3.74	3.74	-	-
⊖ AerCap Holdings NV	3.42	7.16	-23.14	Industrials
⊖ Gildan Activewear Inc	2.25	9.41	-12.17	Consumer Cyclical
⊖ Arrow Electronics Inc	1.89	11.30	-11.65	Technology
Taylor Morrison Home Corp Class A	1.82	13.11	-22.14	Consumer Cyclical
⊖ Helen Of Troy Ltd	1.56	14.67	-19.89	Consumer Defensive
Edison International	1.43	16.10	3.74	Utilities
⊖ Amdocs Ltd	1.39	17.49	10.38	Technology
⊖ American International Group Inc	1.32	18.81	10.96	Financial Services
⊖ Arch Capital Group Ltd	1.31	20.13	8.93	Financial Services
Unum Group	1.31	21.44	29.47	Financial Services
⊖ The Mosaic Co	1.30	22.74	69.54	Basic Materials
⊖ Globe Life Inc	1.27	24.00	7.55	Financial Services
Lear Corp	1.26	25.26	-21.64	Consumer Cyclical
NRG Energy Inc	1.26	26.53	-10.14	Utilities

**Total Holdings 134**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Target Retirement 2015 Fund 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 9.11 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 0.08 is 86.67% lower than the Target-Date 2015 category average.

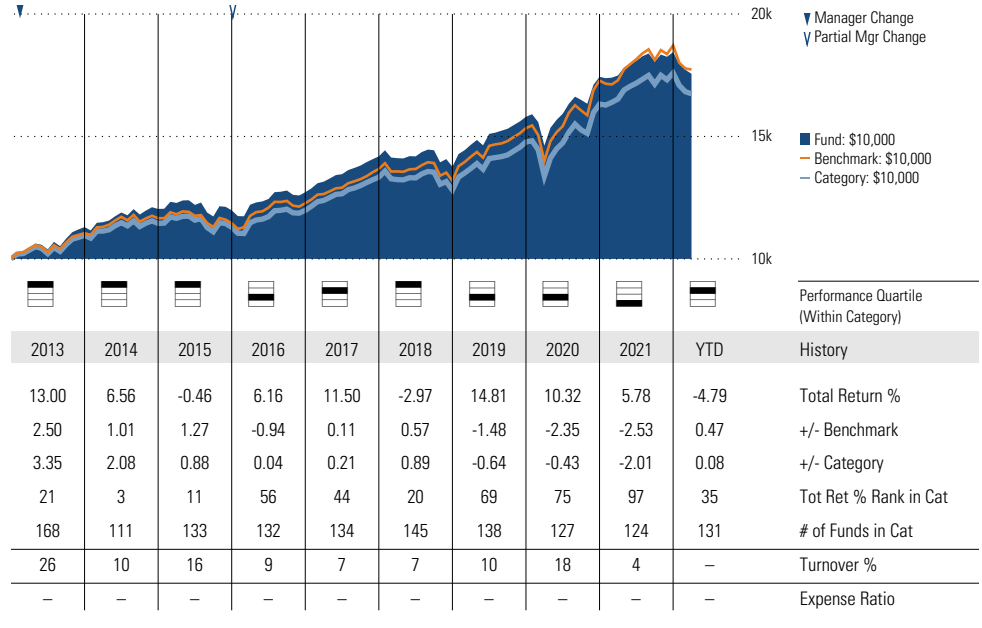
## Morningstar Investment Management LLC Analysis

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
Sustainability Rating	3	02-28-2022
ESG Commitment	1-Low	02-15-2022

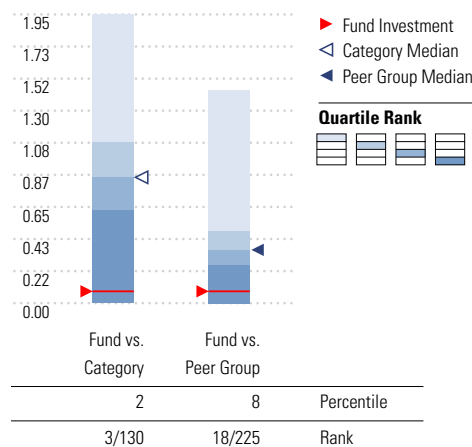
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.05	-	-0.46
Beta	0.80	-	0.96
R-Squared	97.99	-	95.61
Standard Deviation	6.99	8.61	8.46
Sharpe Ratio	0.80	0.83	0.76
Tracking Error	1.96	-	1.90
Information Ratio	-0.80	-	-0.41
Up Capture Ratio	80.43	-	92.26
Down Capture Ratio	80.85	-	94.67

## Portfolio Metrics

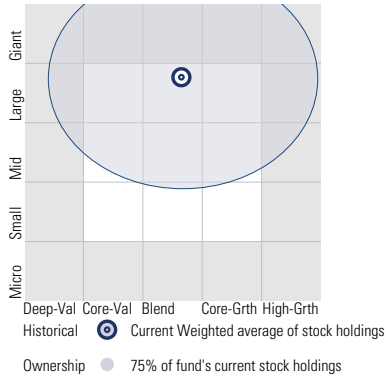
	Fund	Bmark	Cat
Price/Earnings Ratio	16.84	17.78	17.39
Price/Book Ratio	2.48	2.63	2.75
Avg Eff Duration	6.17	7.80	5.89

# Vanguard Target Retirement 2015 Fund VTXVX

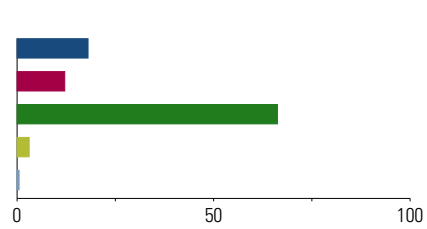
**Morningstar Category**  
Target-Date 2015

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

**Style Analysis** as of 03-31-2022  
Morningstar Style Box™

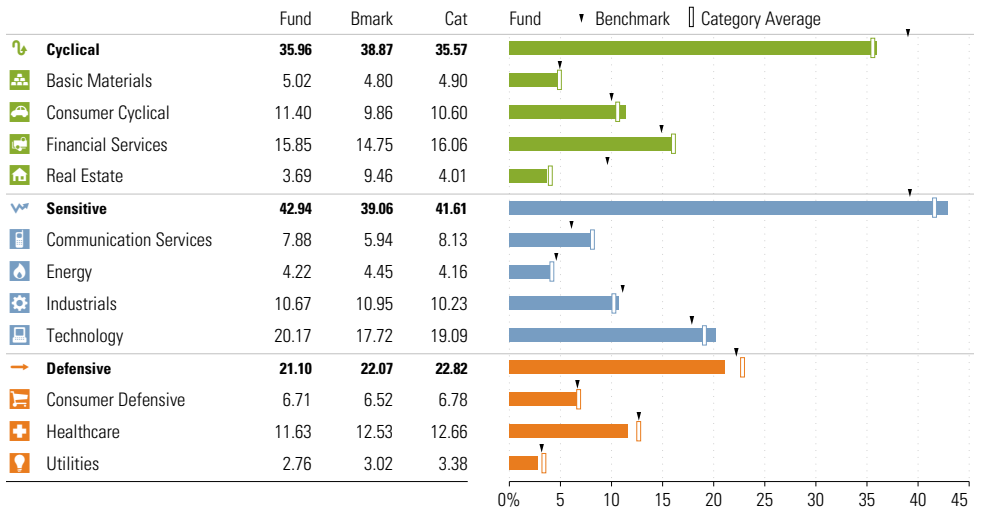


**Asset Allocation** as of 03-31-2022

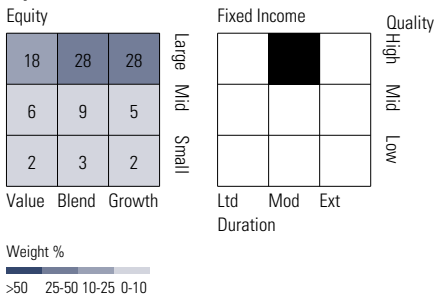


Asset Class	Net %	Cat%
US Stocks	18.05	26.62
Non-US Stocks	12.12	14.44
Bonds	66.24	48.43
Cash	3.07	6.09
Other	0.51	4.43
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2022



**Style Breakdown**



**Top 7 Holdings** as of 03-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	-	36.03	36.03	-	-
⊖ Vanguard Total Stock Mkt Idx Instl Pls	-	18.22	54.25	-	-
⊖ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	16.36	70.61	-	-
⊖ Vanguard Total Intl Bd II Idx Instl	-	15.90	86.51	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	12.36	98.87	-	-
⊖ Mktliq 12/31/2049	-	1.22	100.08	-	-
⊕ Us Dollar	-	0.08	100.17	-	-

**Total Holdings 7**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2020 Fund 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 9.11 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 0.08 is 87.5% lower than the Target-Date 2020 category average.

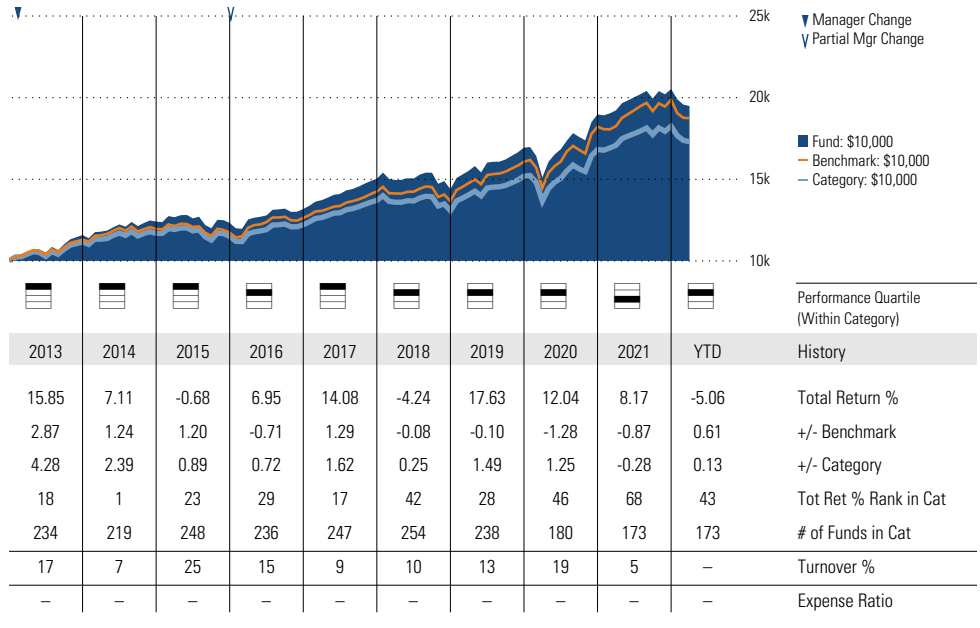
## Morningstar Investment Management LLC Analysis

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.

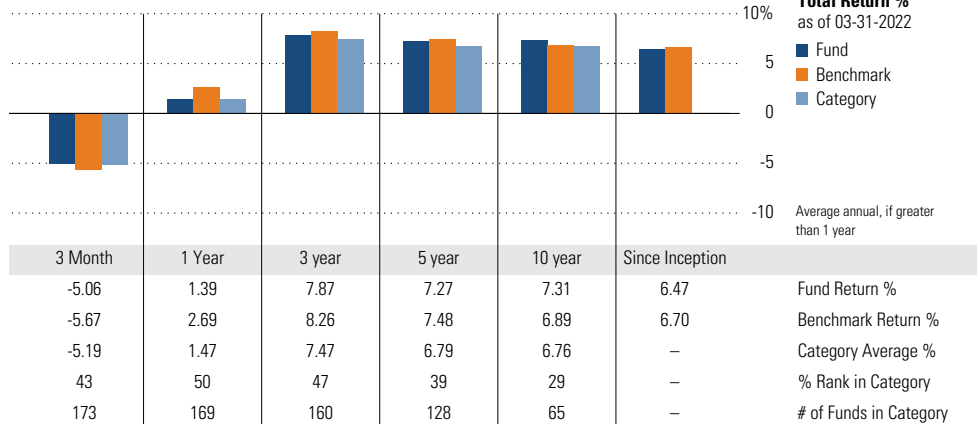
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	02-28-2022
ESG Commitment	1-Low	02-15-2022

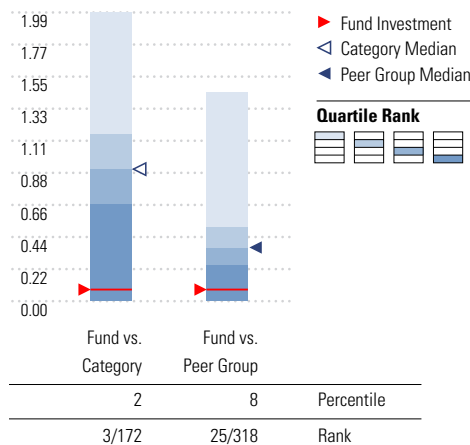
## Growth of \$10,000



## 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	0.00	-	-0.41
Beta	0.95	-	0.93
R-Squared	97.94	-	95.62
Standard Deviation	9.18	9.53	9.08
Sharpe Ratio	0.80	0.81	0.74
Tracking Error	1.39	-	2.14
Information Ratio	-0.28	-	-0.47
Up Capture Ratio	94.80	-	90.56
Down Capture Ratio	94.40	-	92.94

## Portfolio Metrics

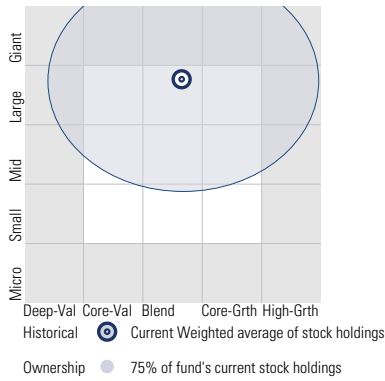
	Fund	Bmark	Cat
Price/Earnings Ratio	16.91	17.61	17.77
Price/Book Ratio	2.50	2.60	2.67
Avg Eff Duration	6.41	8.70	5.98

# Vanguard Target Retirement 2020 Fund VTWNX

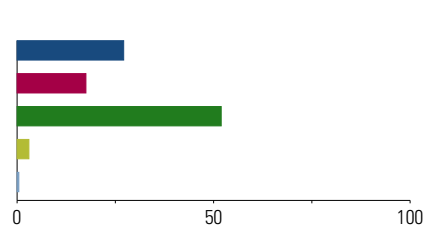
**Morningstar Category**  
Target-Date 2020

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

**Style Analysis** as of 03-31-2022  
Morningstar Style Box™

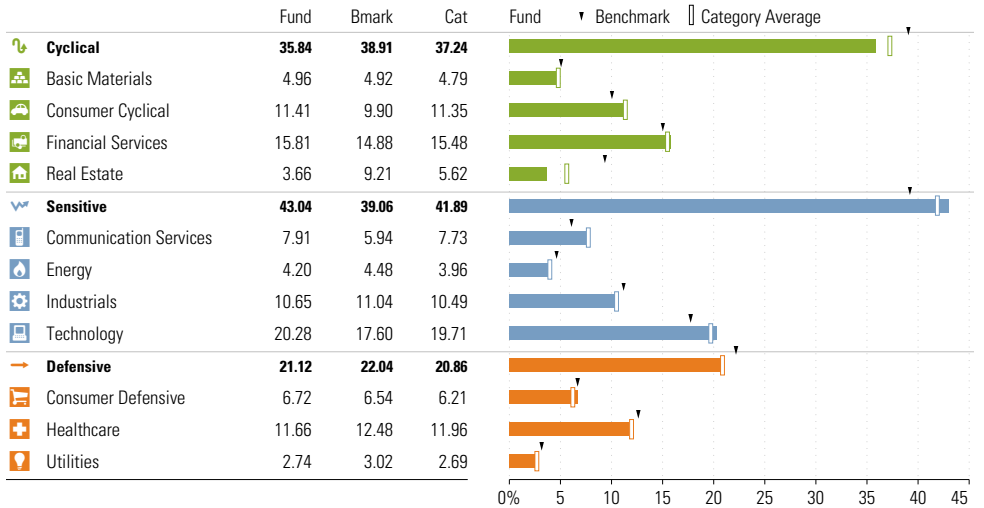


**Asset Allocation** as of 03-31-2022

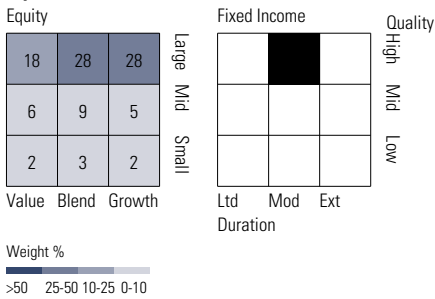


Asset Class	Net %	Cat%
US Stocks	27.12	26.15
Non-US Stocks	17.51	15.03
Bonds	51.93	47.91
Cash	3.00	3.60
Other	0.44	7.34
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2022



**Style Breakdown**



**Top 7 Holdings** as of 03-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	-	30.05	30.05	-	-
⊖ Vanguard Total Stock Mkt Idx Instl Pls	-	27.37	57.42	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	17.85	75.27	-	-
⊖ Vanguard Total Intl Bd II Idx Instl	-	13.37	88.64	-	-
⊖ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	10.03	98.67	-	-
⊖ Mktliq 12/31/2049	-	1.31	99.98	-	-
⊖ Us Dollar	-	0.02	100.00	-	-

**Total Holdings 7**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2025 Fund 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 9.11 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 0.08 is 88.24% lower than the Target-Date 2025 category average.

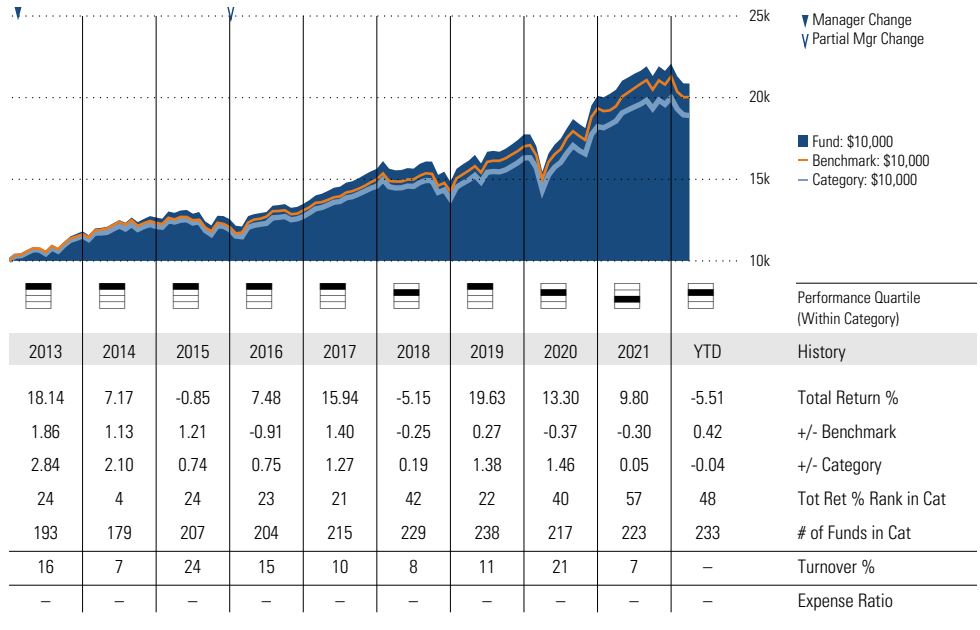
## Morningstar Investment Management LLC Analysis

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
Sustainability Rating	3	02-28-2022
ESG Commitment	1-Low	02-15-2022
Carbon Risk Score	Low Risk	12-31-2021

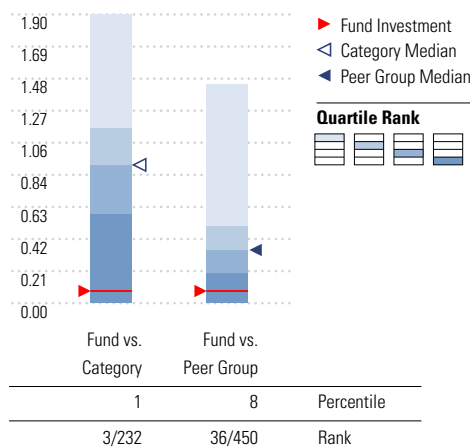
## Growth of \$10,000



## 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	0.02	-	-0.27
Beta	1.01	-	0.95
R-Squared	98.41	-	96.66
Standard Deviation	10.84	10.68	10.27
Sharpe Ratio	0.78	0.78	0.74
Tracking Error	1.37	-	2.15
Information Ratio	0.05	-	-0.31
Up Capture Ratio	101.77	-	94.27
Down Capture Ratio	102.55	-	96.69

## Portfolio Metrics

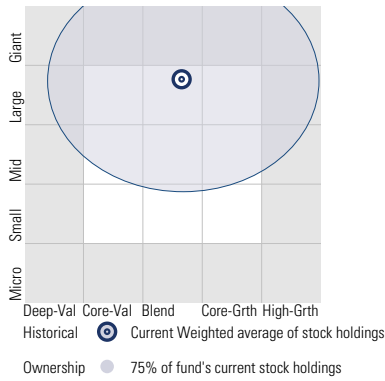
	Fund	Bmark	Cat
Price/Earnings Ratio	16.91	17.45	17.82
Price/Book Ratio	2.50	2.56	2.69
Avg Eff Duration	6.96	9.46	6.52

# Vanguard Target Retirement 2025 Fund VTTVX

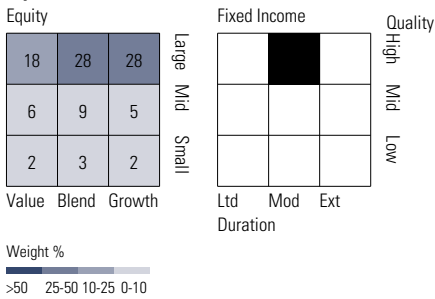
**Morningstar Category**  
Target-Date 2025

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

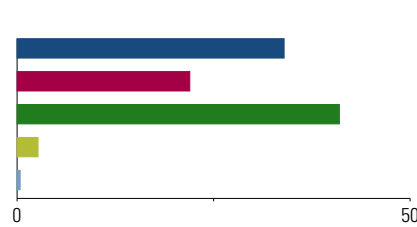
**Style Analysis** as of 03-31-2022  
Morningstar Style Box™



**Style Breakdown**

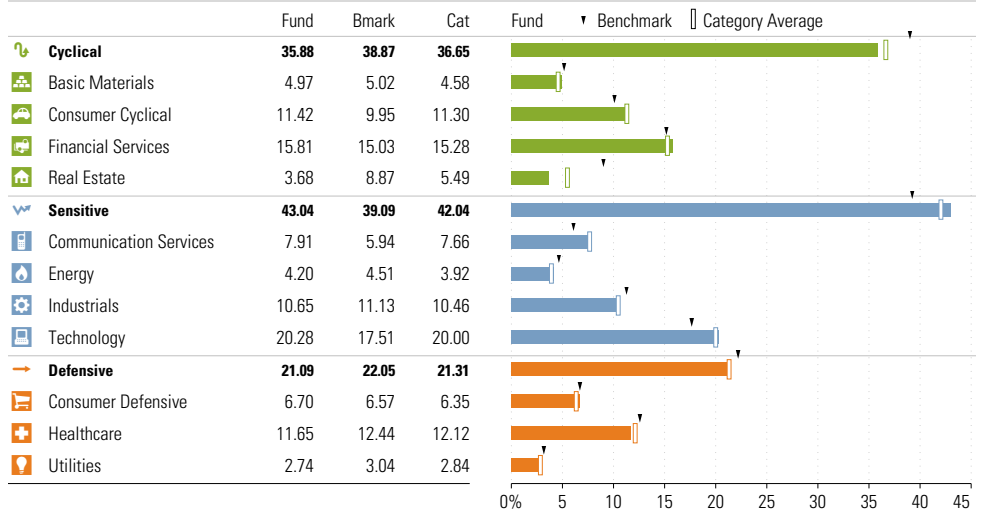


**Asset Allocation** as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	33.97	30.32
Non-US Stocks	21.97	16.44
Bonds	41.00	39.68
Cash	2.66	3.59
Other	0.39	9.96
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2022



**Top 7 Holdings** as of 03-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Instl Pls	-	34.29	34.29	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	27.20	61.48	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	22.39	83.87	-	-
⊖ Vanguard Total Intl Bd II Idx Instl	-	12.07	95.94	-	-
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	2.76	98.70	-	-
⊕ Mktliq 12/31/2049	-	1.31	100.01	-	-
⊕ Us Dollar	-	0.01	100.01	-	-

**Total Holdings 7**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2030 Fund 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 9.11 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 0.08 is 88.41% lower than the Target-Date 2030 category average.

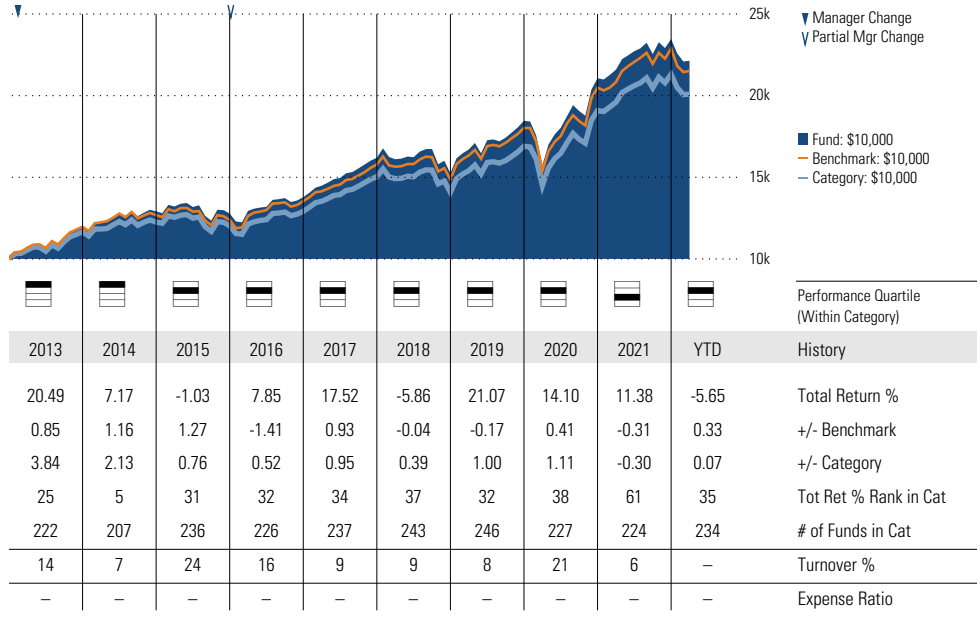
## Morningstar Investment Management LLC Analysis

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.

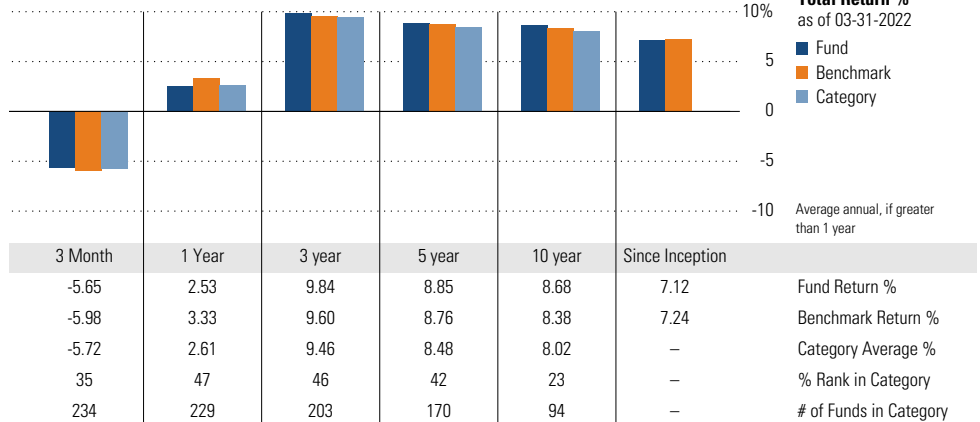
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	02-28-2022
ESG Commitment	1-Low	02-15-2022
Carbon Risk Score	Low Risk	12-31-2021

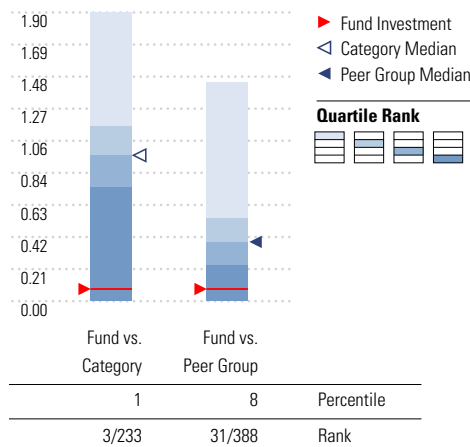
## Growth of \$10,000



## 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	0.35	-	0.01
Beta	0.99	-	0.97
R-Squared	99.00	-	97.86
Standard Deviation	12.10	12.22	11.93
Sharpe Ratio	0.78	0.76	0.75
Tracking Error	1.23	-	1.98
Information Ratio	0.20	-	-0.12
Up Capture Ratio	100.77	-	97.82
Down Capture Ratio	99.49	-	98.70

## Portfolio Metrics

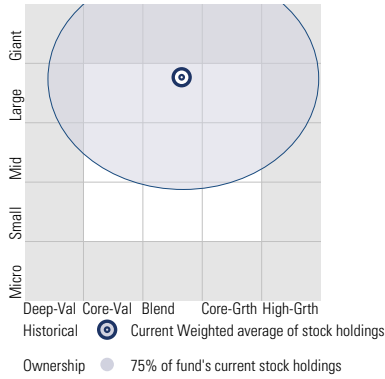
	Fund	Bmark	Cat
Price/Earnings Ratio	16.92	17.27	17.76
Price/Book Ratio	2.50	2.53	2.73
Avg Eff Duration	7.25	10.10	6.93

# Vanguard Target Retirement 2030 Fund VTHRX

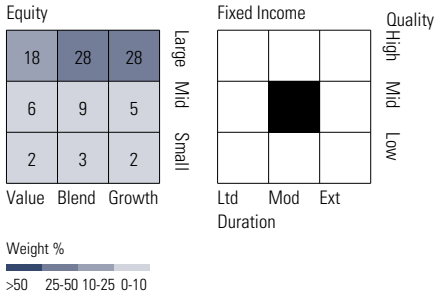
**Morningstar Category**  
Target-Date 2030

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

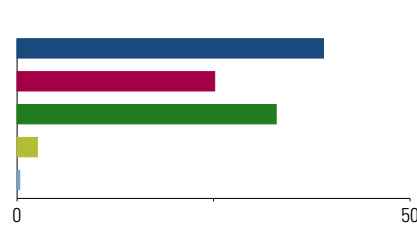
**Style Analysis** as of 03-31-2022  
Morningstar Style Box™



**Style Breakdown**

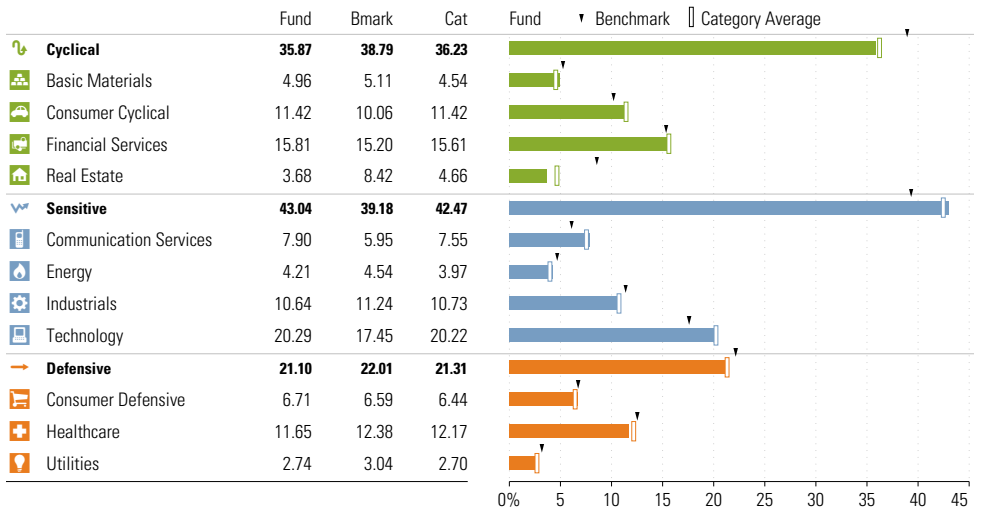


**Asset Allocation** as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	38.98	36.98
Non-US Stocks	25.14	19.84
Bonds	32.96	29.89
Cash	2.58	2.57
Other	0.34	10.71
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2022



**Top 6 Holdings** as of 03-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Instl Pls	-	39.34	39.34	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	25.61	64.95	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	23.39	88.35	-	-
⊖ Vanguard Total Intl Bd II Idx Instl	-	10.32	98.67	-	-
⊕ Mktliq 12/31/2049	-	1.31	99.98	-	-
⊕ Us Dollar	-	0.02	100.00	-	-

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Target Retirement 2035 Fund 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 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 9.11 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 0.08 is 88.57% lower than the Target-Date 2035 category average.

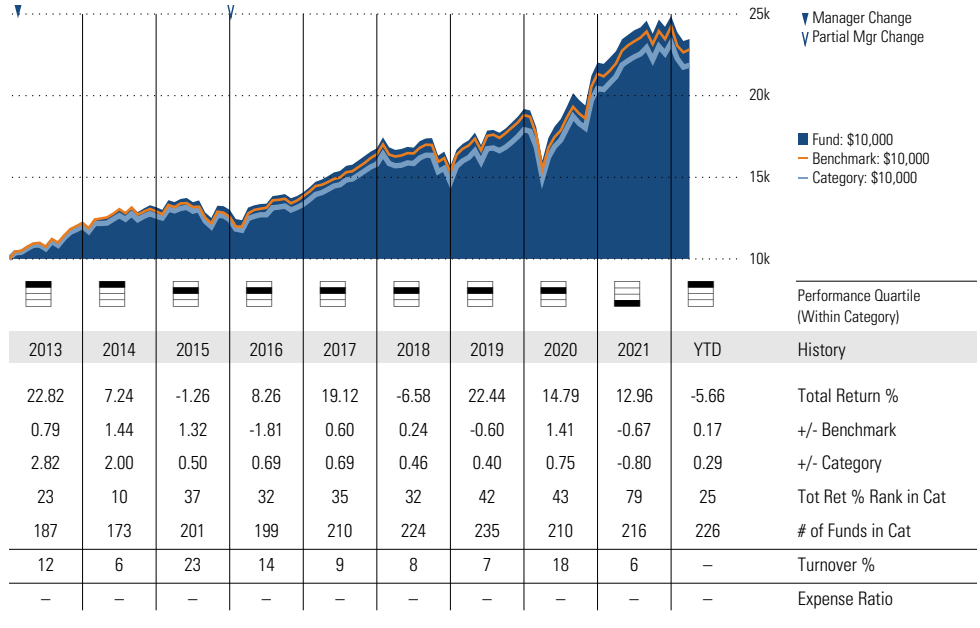
## Morningstar Investment Management LLC Analysis

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.

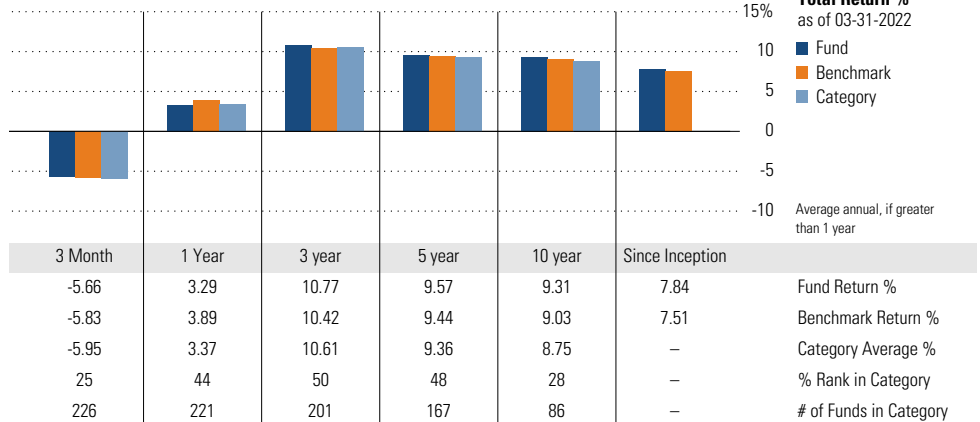
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	02-28-2022
ESG Commitment	1-Low	02-15-2022
Carbon Risk Score	Low Risk	12-31-2021

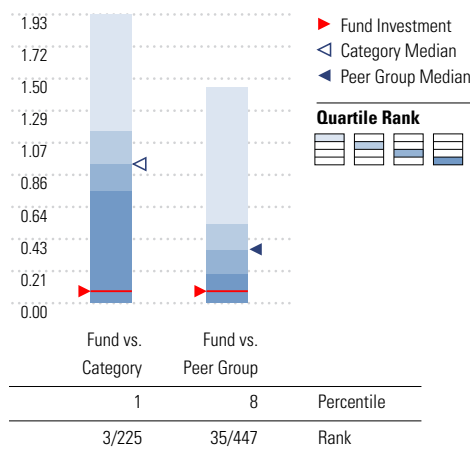
## Growth of \$10,000



## 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	0.76	-	0.43
Beta	0.95	-	0.97
R-Squared	99.27	-	98.27
Standard Deviation	13.35	13.98	13.63
Sharpe Ratio	0.78	0.73	0.75
Tracking Error	1.33	-	2.00
Information Ratio	0.26	-	0.14
Up Capture Ratio	97.98	-	98.87
Down Capture Ratio	94.39	-	97.34

## Portfolio Metrics

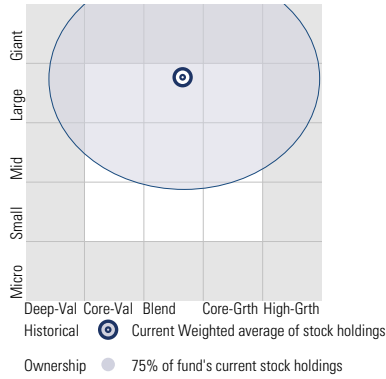
	Fund	Bmark	Cat
Price/Earnings Ratio	16.91	17.09	17.61
Price/Book Ratio	2.50	2.49	2.68
Avg Eff Duration	7.25	10.66	7.24

# Vanguard Target Retirement 2035 Fund VTTHX

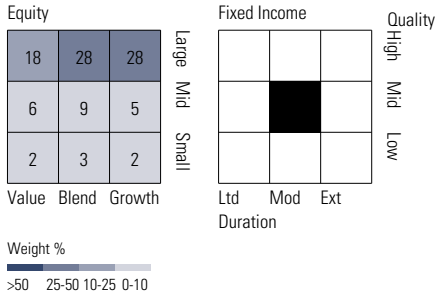
**Morningstar Category**  
Target-Date 2035

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

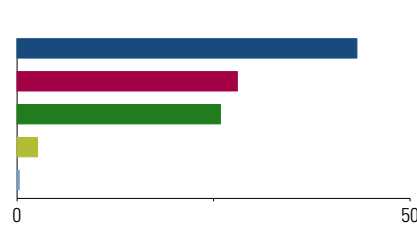
**Style Analysis** as of 03-31-2022  
Morningstar Style Box™



**Style Breakdown**

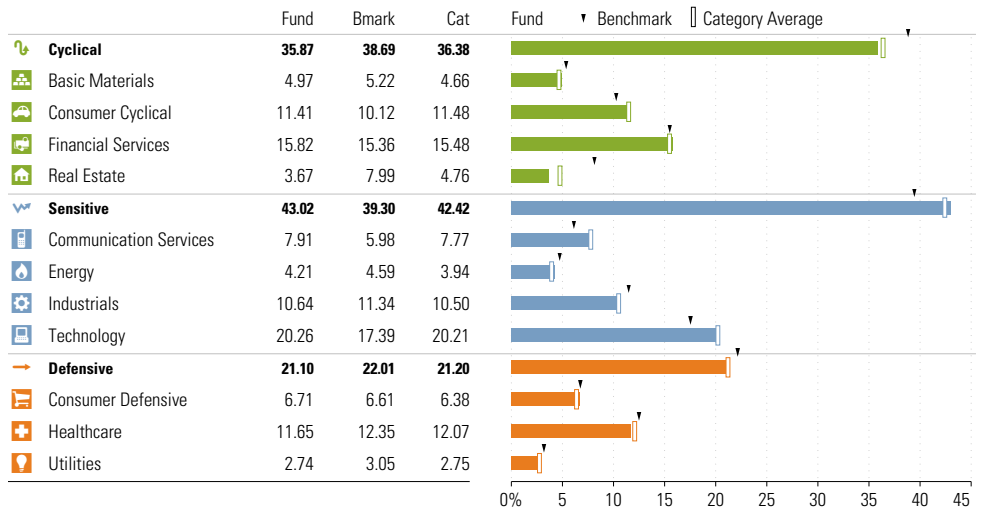


**Asset Allocation** as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	43.23	42.95
Non-US Stocks	28.02	24.35
Bonds	25.86	20.27
Cash	2.61	2.59
Other	0.27	9.83
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2022



**Top 6 Holdings** as of 03-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	-	43.63	43.63	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	28.56	72.18	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	18.32	90.51	-	-
⊖ Vanguard Total Intl Bd II Idx Instl	-	8.13	98.64	-	-
⊕ Mktliq 12/31/2049	-	1.35	99.99	-	-
⊖ Us Dollar	-	0.01	100.00	-	-

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2040 Fund 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 9.11 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 0.08 is 88.73% lower than the Target-Date 2040 category average.

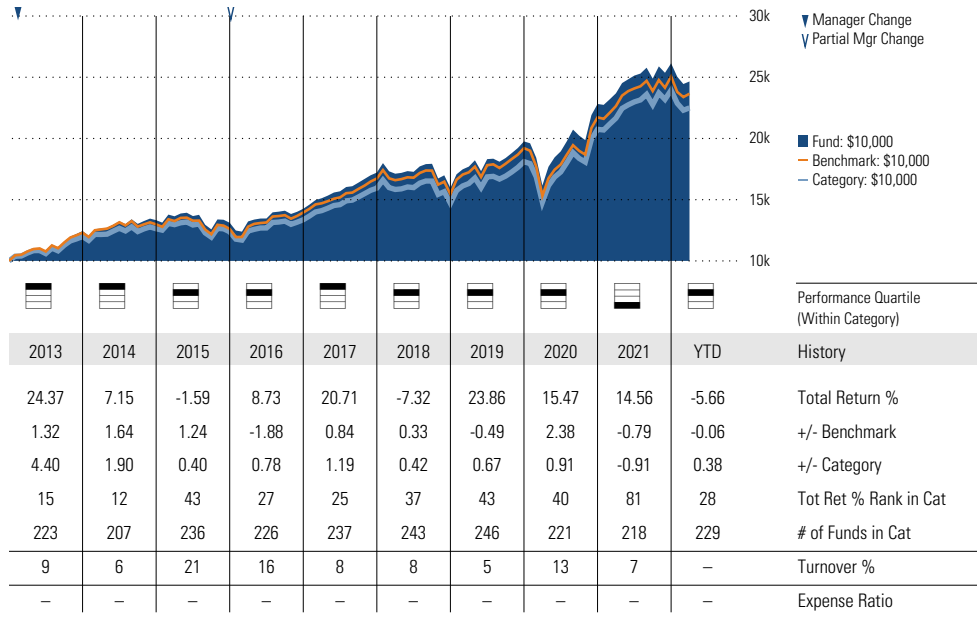
## Morningstar Investment Management LLC Analysis

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.

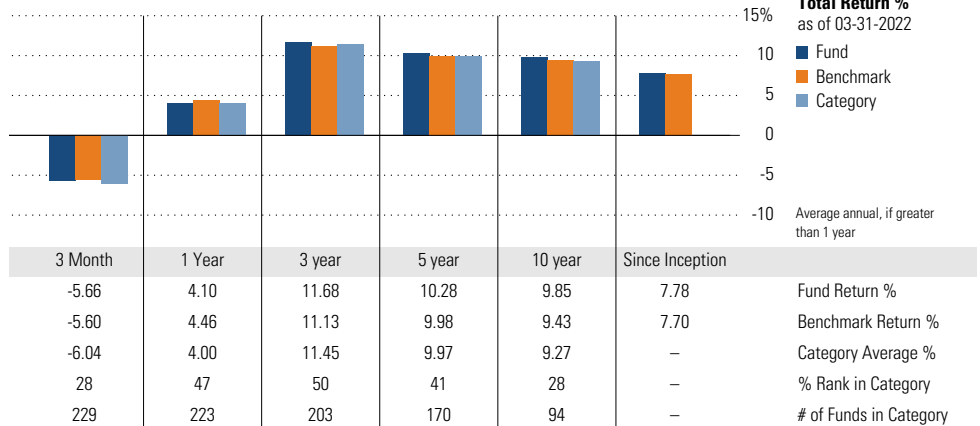
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	02-28-2022
ESG Commitment	1-Low	02-15-2022
Carbon Risk Score	Low Risk	12-31-2021

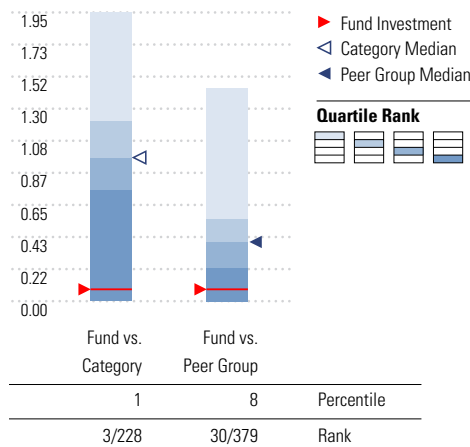
## Growth of \$10,000



## 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	1.09	-	0.72
Beta	0.94	-	0.95
R-Squared	99.22	-	98.32
Standard Deviation	14.60	15.50	14.90
Sharpe Ratio	0.78	0.72	0.76
Tracking Error	1.60	-	2.13
Information Ratio	0.35	-	0.23
Up Capture Ratio	97.41	-	98.32
Down Capture Ratio	92.67	-	95.65

## Portfolio Metrics

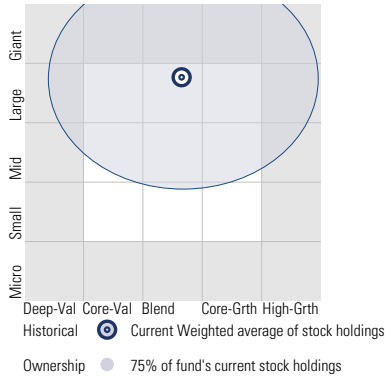
	Fund	Bmark	Cat
Price/Earnings Ratio	16.91	16.93	17.52
Price/Book Ratio	2.50	2.46	2.66
Avg Eff Duration	7.25	11.14	7.50

# Vanguard Target Retirement 2040 Fund VFORX

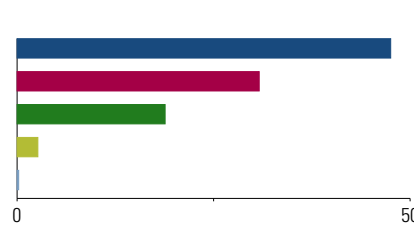
**Morningstar Category**  
Target-Date 2040

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

**Style Analysis** as of 03-31-2022  
Morningstar Style Box™

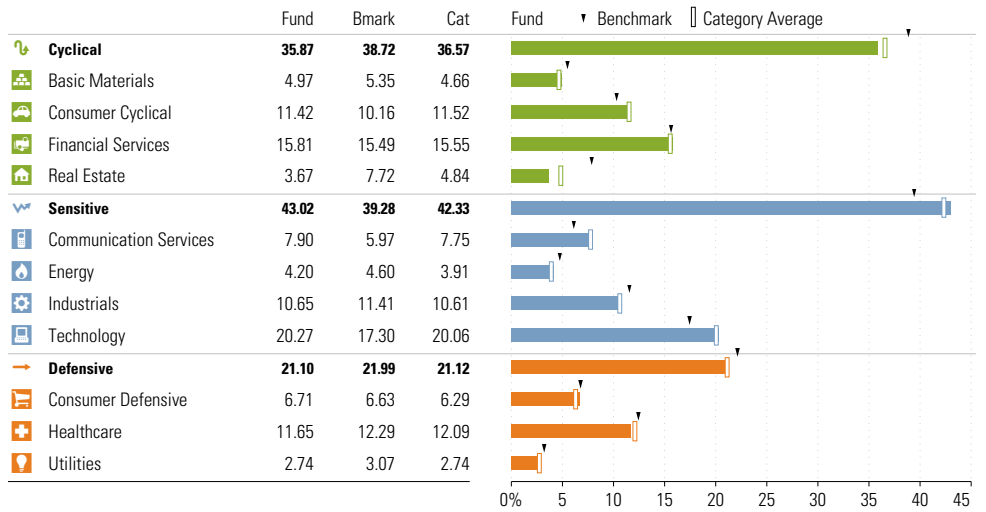


**Asset Allocation** as of 03-31-2022

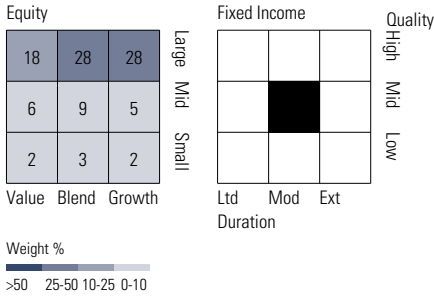


Asset Class	Net %	Cat%
US Stocks	47.53	48.66
Non-US Stocks	30.80	28.01
Bonds	18.83	12.89
Cash	2.64	2.05
Other	0.20	8.40
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2022



**Style Breakdown**



**Top 6 Holdings** as of 03-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	-	47.97	47.97	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	31.38	79.36	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	13.36	92.72	-	-
⊖ Vanguard Total Intl Bd II Idx Instl	-	5.90	98.62	-	-
⊕ Mktliq 12/31/2049	-	1.36	99.98	-	-
⊕ Us Dollar	-	0.02	100.00	-	-

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2045 Fund 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 9.11 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 0.08 is 88.73% lower than the Target-Date 2045 category average.

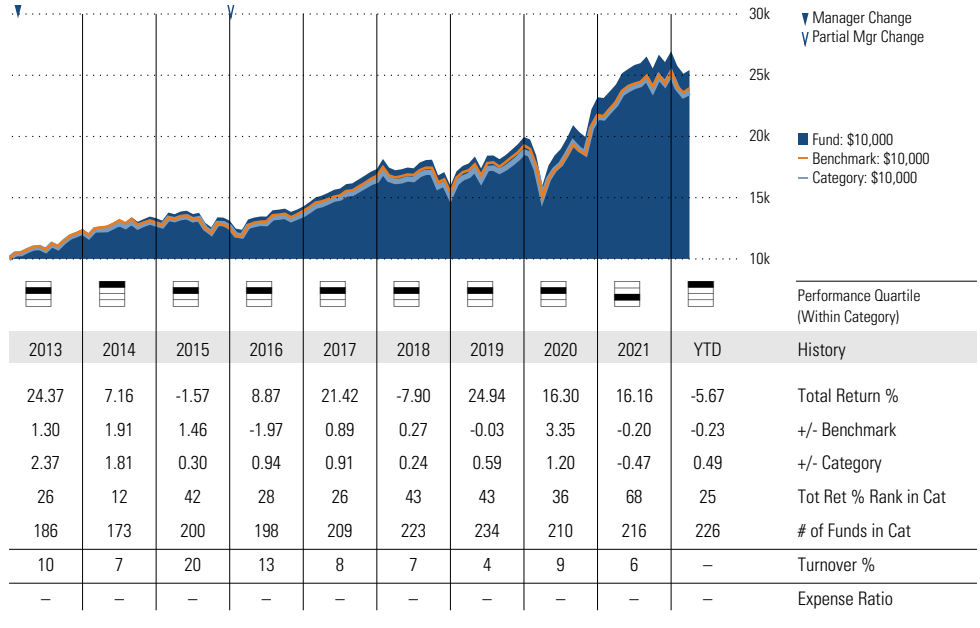
## Morningstar Investment Management LLC Analysis

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

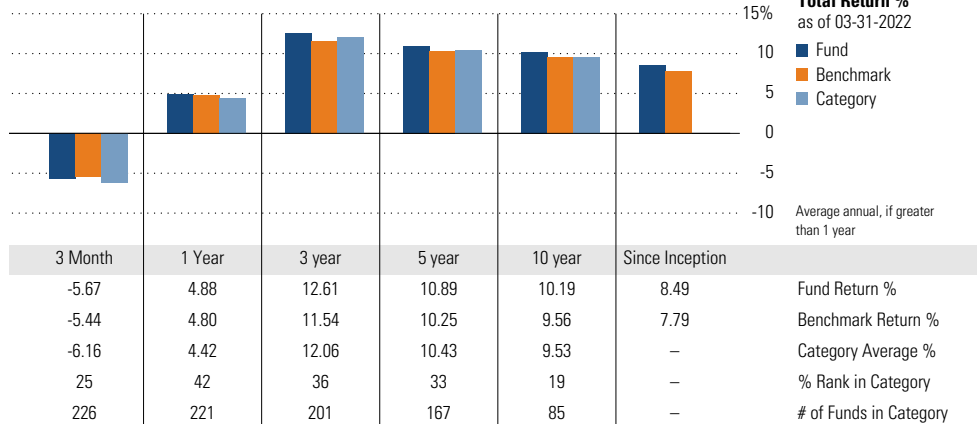
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	02-28-2022
ESG Commitment	1-Low	02-15-2022
Carbon Risk Score	Low Risk	12-31-2021

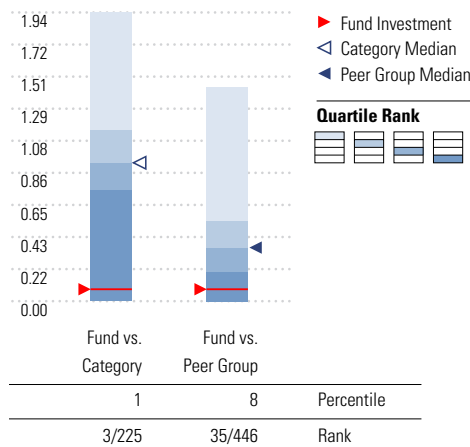
## Growth of \$10,000



## 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	1.34	-	0.88
Beta	0.96	-	0.95
R-Squared	99.12	-	98.30
Standard Deviation	15.84	16.39	15.75
Sharpe Ratio	0.79	0.71	0.76
Tracking Error	1.61	-	2.17
Information Ratio	0.67	-	0.29
Up Capture Ratio	100.45	-	98.75
Down Capture Ratio	95.08	-	95.61

## Portfolio Metrics

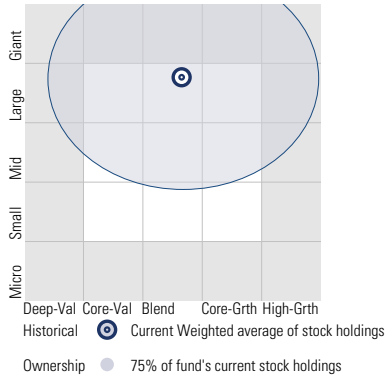
	Fund	Bmark	Cat
Price/Earnings Ratio	16.91	16.80	17.62
Price/Book Ratio	2.50	2.43	2.65
Avg Eff Duration	7.25	11.57	7.28

# Vanguard Target Retirement 2045 Fund VTIVX

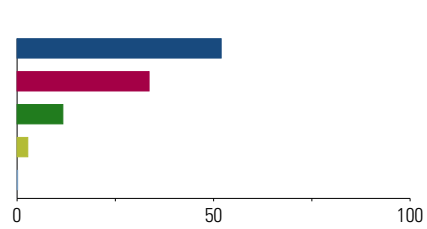
**Morningstar Category**  
Target-Date 2045

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

**Style Analysis** as of 03-31-2022  
Morningstar Style Box™

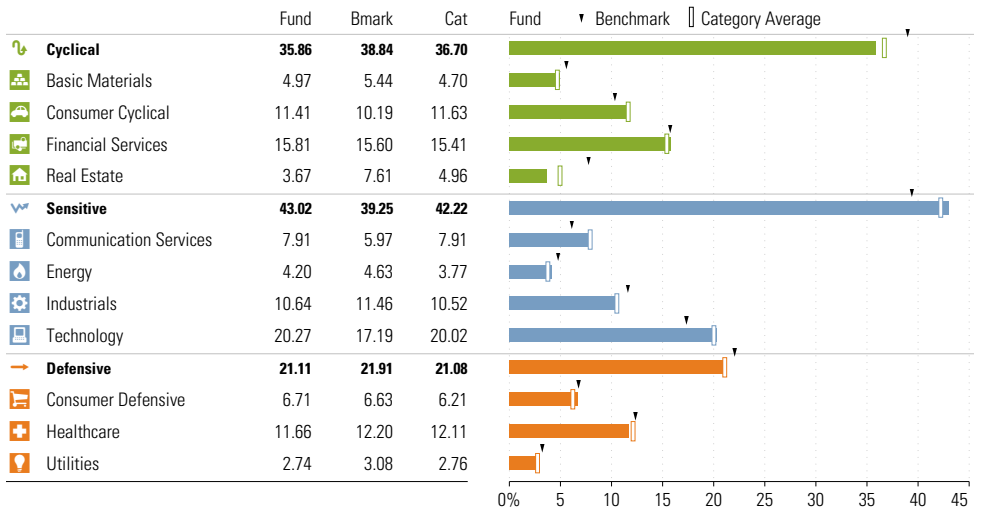


**Asset Allocation** as of 03-31-2022

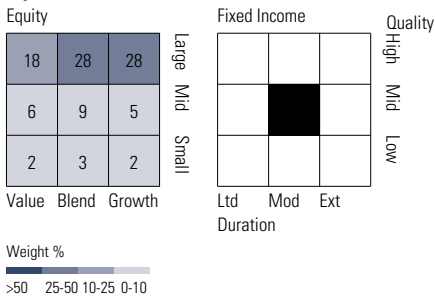


Asset Class	Net %	Cat%
US Stocks	51.92	52.39
Non-US Stocks	33.58	30.14
Bonds	11.64	6.98
Cash	2.72	2.04
Other	0.14	8.47
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2022



**Style Breakdown**



**Top 6 Holdings** as of 03-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	-	52.40	52.40	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	34.21	86.61	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	8.24	94.86	-	-
⊖ Vanguard Total Intl Bd II Idx Instl	-	3.67	98.53	-	-
⊕ Mktliq 12/31/2049	-	1.44	99.96	-	-
⊖ Us Dollar	-	0.04	100.00	-	-

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2050 Fund VFI5X

**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 9.11 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 0.08 is 88.89% lower than the Target-Date 2050 category average.

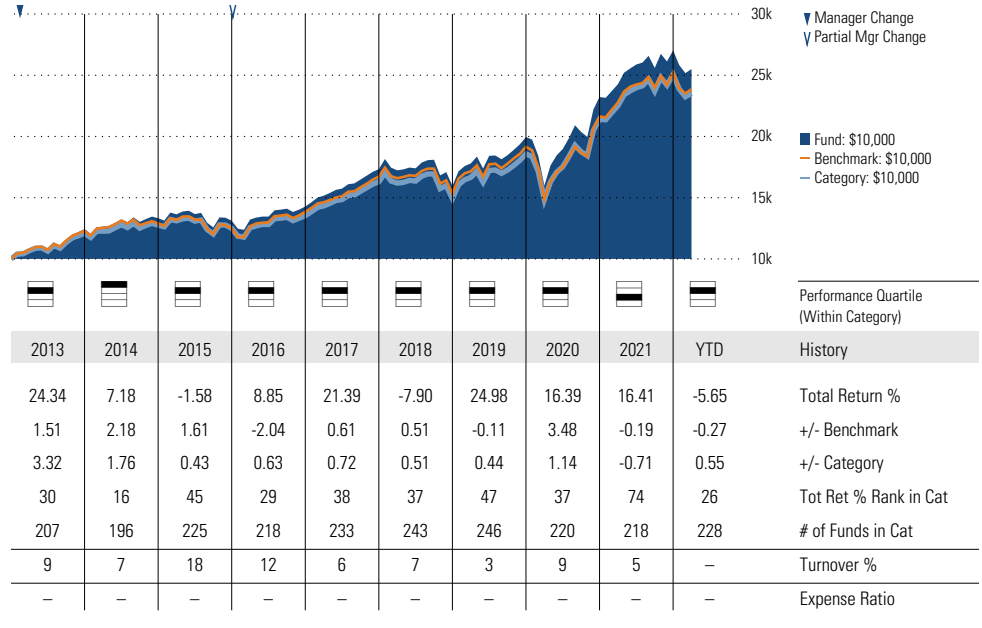
## Morningstar Investment Management LLC Analysis

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.

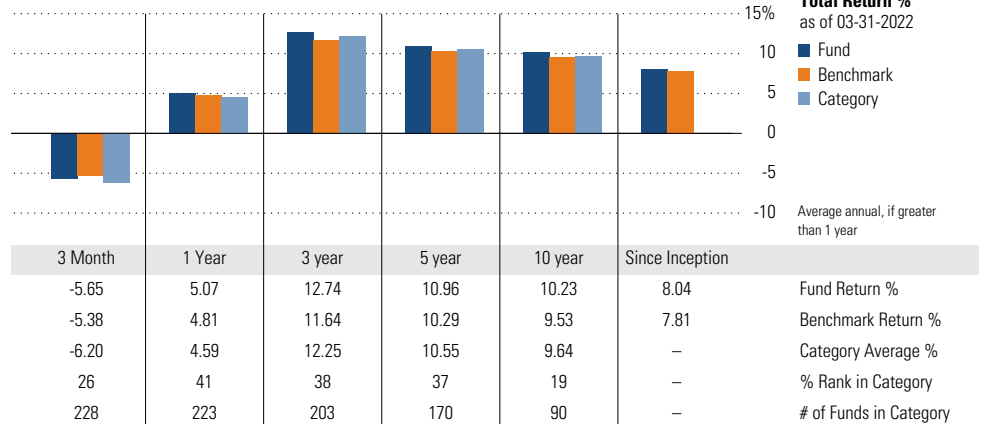
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	02-28-2022
ESG Commitment	1-Low	02-15-2022
Carbon Risk Score	Low Risk	12-31-2021

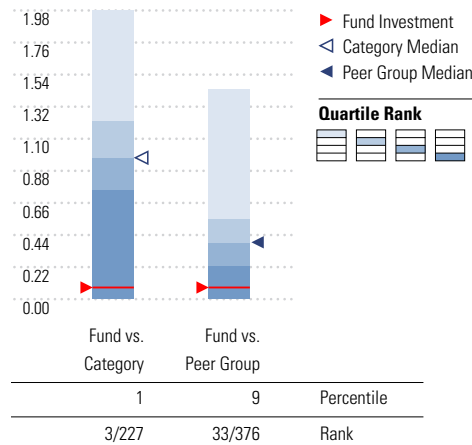
## Growth of \$10,000



## 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

Metric	Fund	Bmark	Cat
Alpha	1.53	-	0.94
Beta	0.95	-	0.95
R-Squared	99.05	-	98.22
Standard Deviation	15.88	16.71	16.07
Sharpe Ratio	0.79	0.70	0.75
Tracking Error	1.79	-	2.20
Information Ratio	0.62	-	0.28
Up Capture Ratio	99.52	-	99.06
Down Capture Ratio	93.55	-	95.81

## Portfolio Metrics

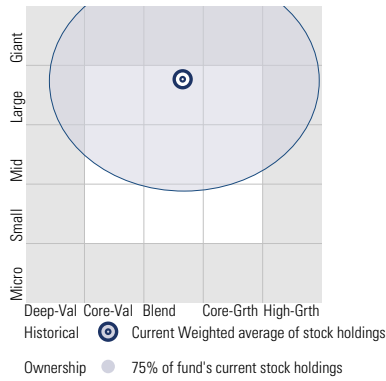
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	16.91	16.68	17.57
Price/Book Ratio	2.50	2.41	2.64
Avg Eff Duration	7.26	-	6.69

# Vanguard Target Retirement 2050 Fund VFI5X

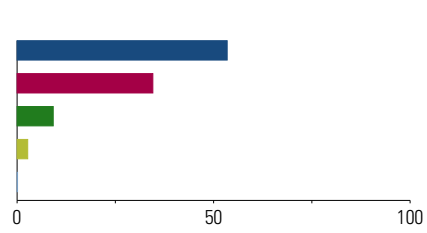
**Morningstar Category**  
Target-Date 2050

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

**Style Analysis** as of 03-31-2022  
Morningstar Style Box™

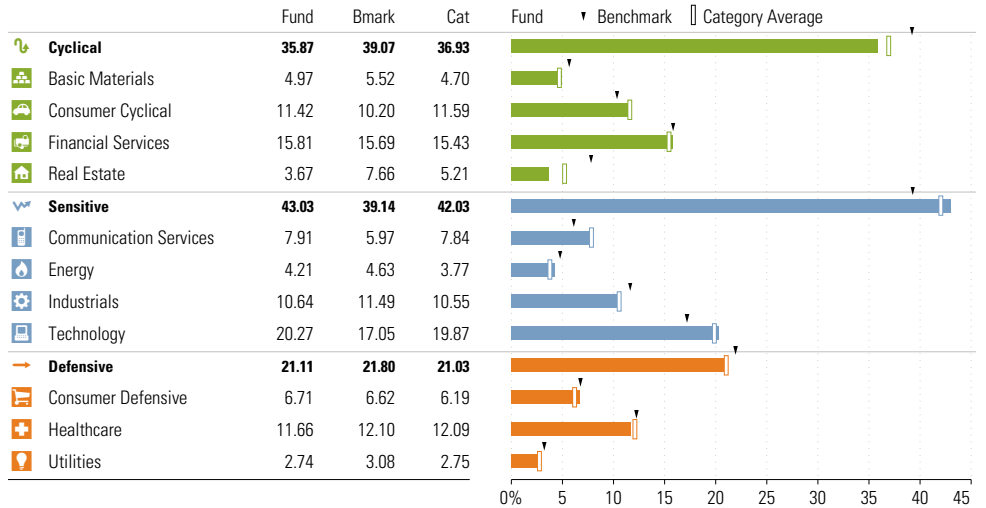


**Asset Allocation** as of 03-31-2022

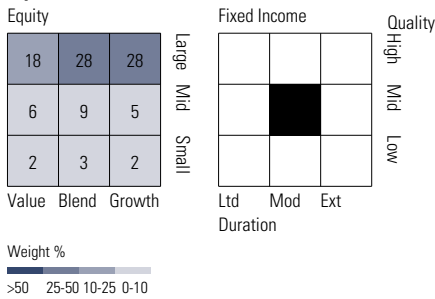


Asset Class	Net %	Cat%
US Stocks	53.45	54.18
Non-US Stocks	34.54	31.45
Bonds	9.19	5.37
Cash	2.70	1.73
Other	0.11	7.28
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2022



**Style Breakdown**



**Top 6 Holdings** as of 03-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	-	53.95	53.95	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	35.19	89.14	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	6.48	95.62	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	2.92	98.54	-	-
⊕ Mktliq 12/31/2049	-	1.45	100.00	-	-
⊖ Us Dollar	-	0.00	100.00	-	-

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Target Retirement 2055 Fund 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 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 9.11 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 0.08 is 88.73% lower than the Target-Date 2055 category average.

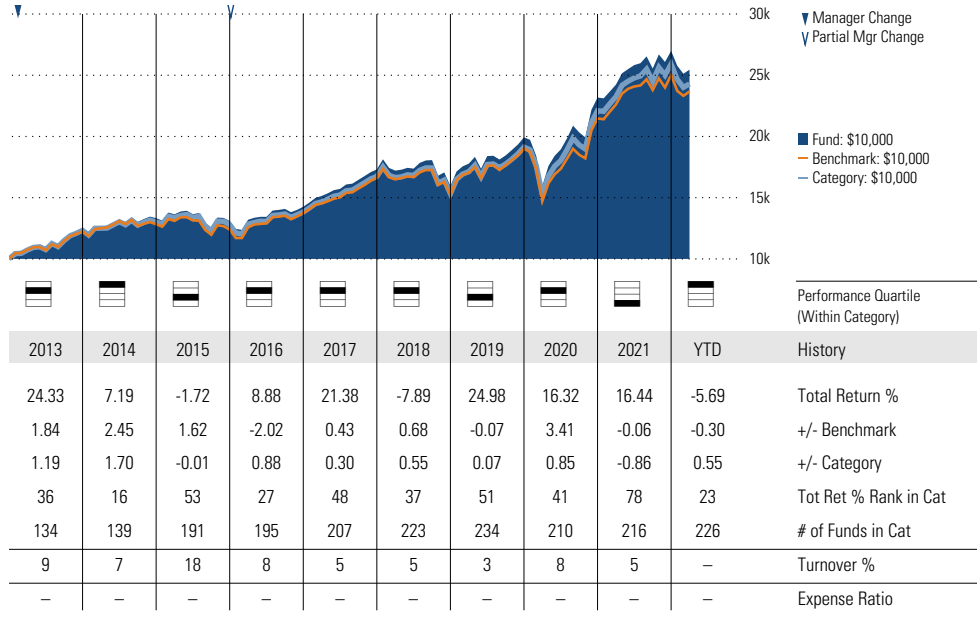
## Morningstar Investment Management LLC Analysis

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

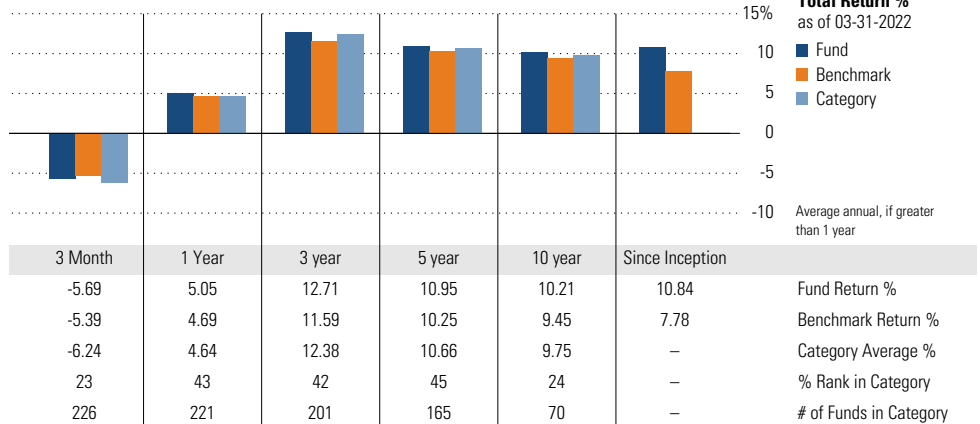
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	02-28-2022
ESG Commitment	1-Low	02-15-2022
Carbon Risk Score	Low Risk	12-31-2021

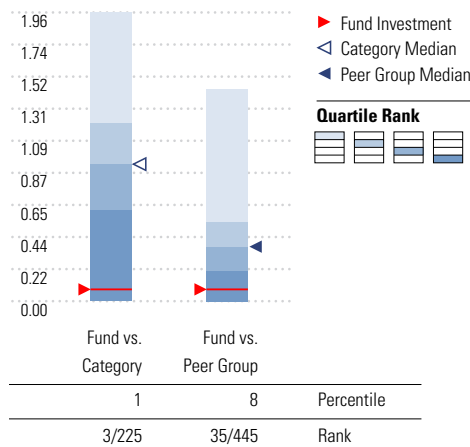
## Growth of \$10,000



## 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	1.59	-	1.05
Beta	0.94	-	0.96
R-Squared	99.00	-	98.16
Standard Deviation	15.89	16.80	16.21
Sharpe Ratio	0.79	0.70	0.75
Tracking Error	1.87	-	2.23
Information Ratio	0.60	-	0.34
Up Capture Ratio	99.25	-	99.78
Down Capture Ratio	93.07	-	96.17

## Portfolio Metrics

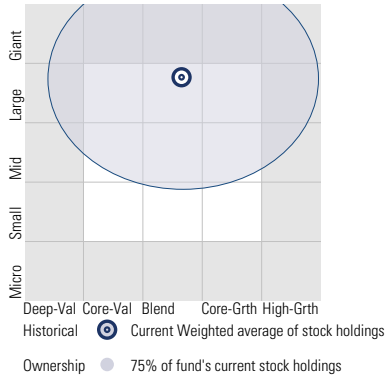
	Fund	Bmark	Cat
Price/Earnings Ratio	16.89	16.56	17.29
Price/Book Ratio	2.49	2.38	2.57
Avg Eff Duration	7.25	-	6.54

# Vanguard Target Retirement 2055 Fund VFFVX

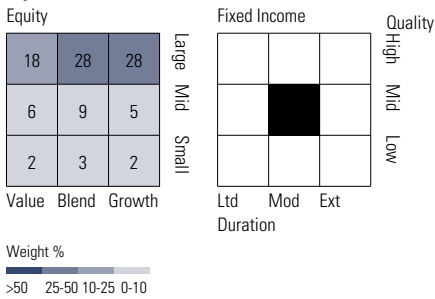
**Morningstar Category**  
Target-Date 2055

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

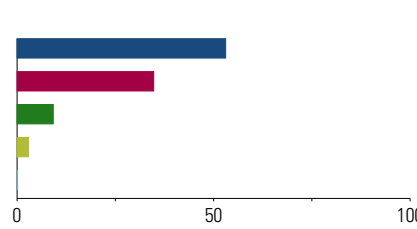
**Style Analysis** as of 03-31-2022  
Morningstar Style Box™



**Style Breakdown**

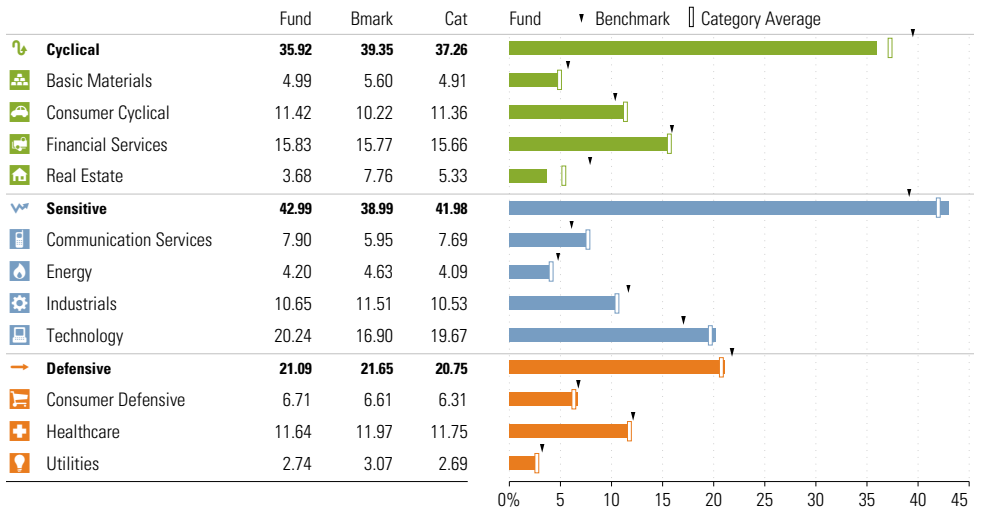


**Asset Allocation** as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	53.07	53.78
Non-US Stocks	34.75	34.81
Bonds	9.20	4.62
Cash	2.88	1.52
Other	0.11	5.28
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2022



**Top 6 Holdings** as of 03-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	-	53.55	53.55	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	35.41	88.97	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	6.51	95.48	-	-
⊖ Vanguard Total Intl Bd II Idx Instl	-	2.90	98.37	-	-
⊕ Mktliq 12/31/2049	-	1.58	99.95	-	-
⊕ Us Dollar	-	0.05	100.00	-	-

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2060 Fund 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 9.11 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 0.08 is 88.89% lower than the Target-Date 2060 category average.

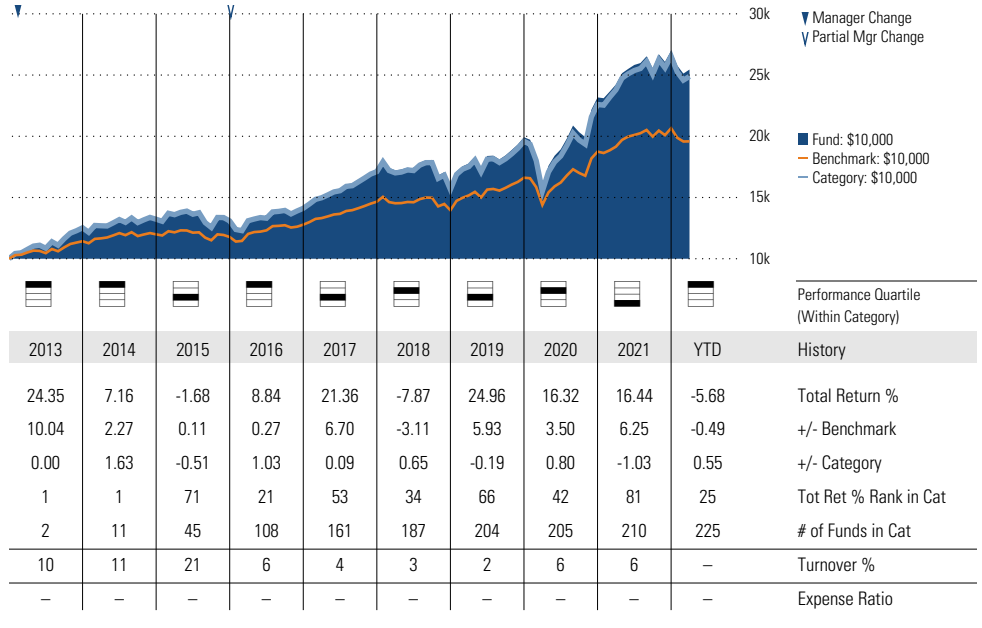
## Morningstar Investment Management LLC Analysis

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.

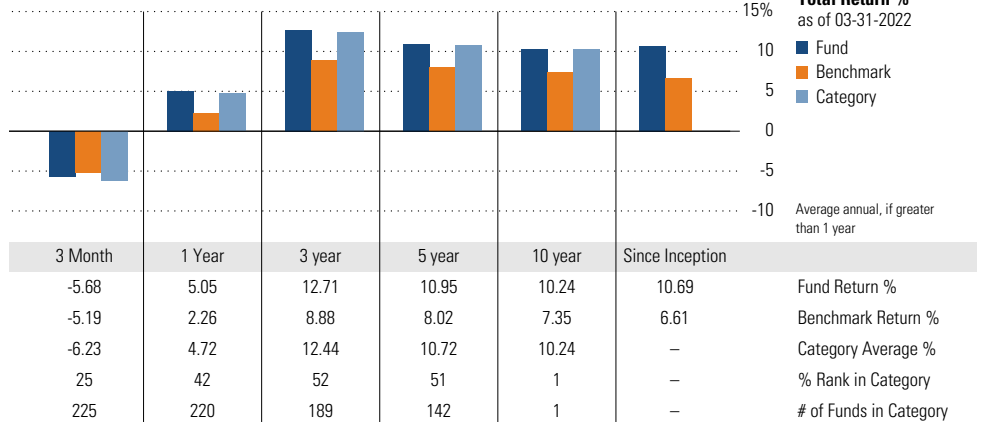
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	02-28-2022
ESG Commitment	1-Low	02-15-2022
Carbon Risk Score	Low Risk	12-31-2021

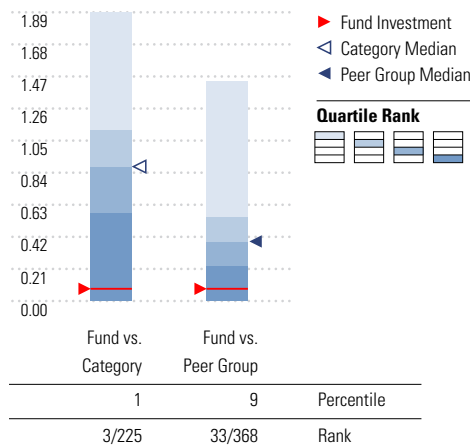
## Growth of \$10,000



## 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	0.21	-	-0.39
Beta	1.43	-	1.46
R-Squared	98.67	-	97.68
Standard Deviation	15.87	11.03	16.34
Sharpe Ratio	0.79	0.76	0.75
Tracking Error	5.07	-	5.70
Information Ratio	0.75	-	0.61
Up Capture Ratio	146.09	-	147.81
Down Capture Ratio	148.09	-	154.30

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	16.87	16.35	17.66
Price/Book Ratio	2.49	2.35	2.69
Avg Eff Duration	7.25	6.81	6.34

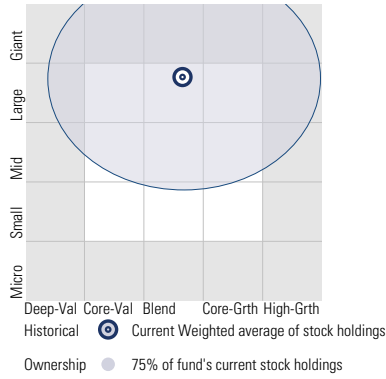
# Vanguard Target Retirement 2060 Fund VTTSX

**Morningstar Category**  
Target-Date 2060

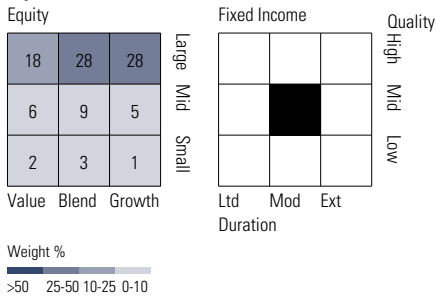
**Morningstar Index**  
Morningstar Mod Tgt Risk TR USD

## Style Analysis as of 03-31-2022

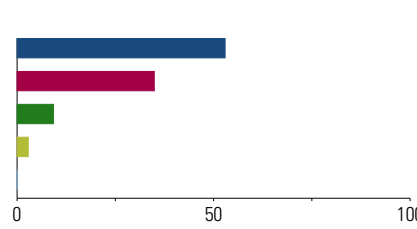
Morningstar Style Box™



## Style Breakdown

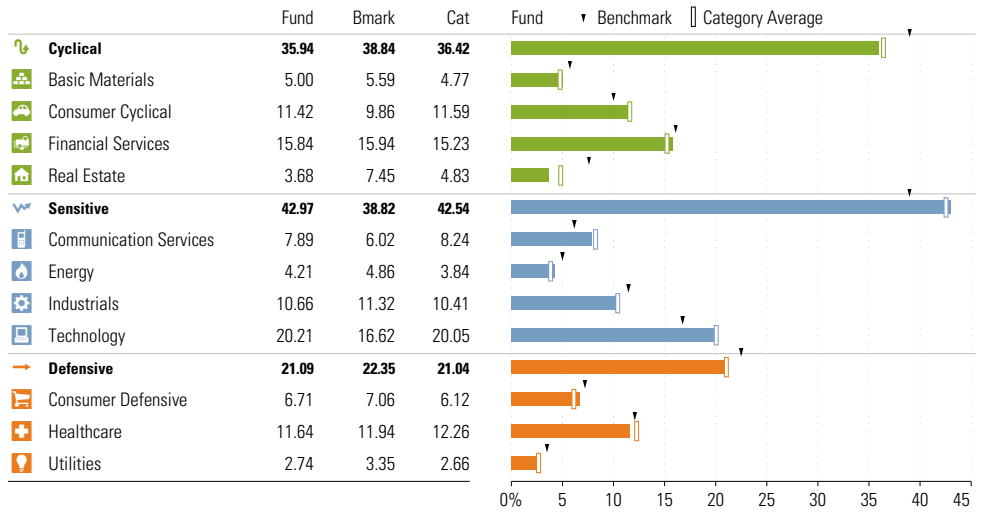


## Asset Allocation as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	52.92	55.68
Non-US Stocks	34.90	33.32
Bonds	9.24	4.62
Cash	2.83	1.90
Other	0.11	4.49
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2022



## Top 6 Holdings as of 03-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	-	53.40	53.40	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	35.57	88.97	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	6.56	95.53	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	2.89	98.42	-	-
⊕ Mktliq 12/31/2049	-	1.56	99.98	-	-
⊖ Us Dollar	-	0.02	100.00	-	-

## Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2065 Fund 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 4.72 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 0.08 is 88.73% lower than the Target-Date 2065+ category average.

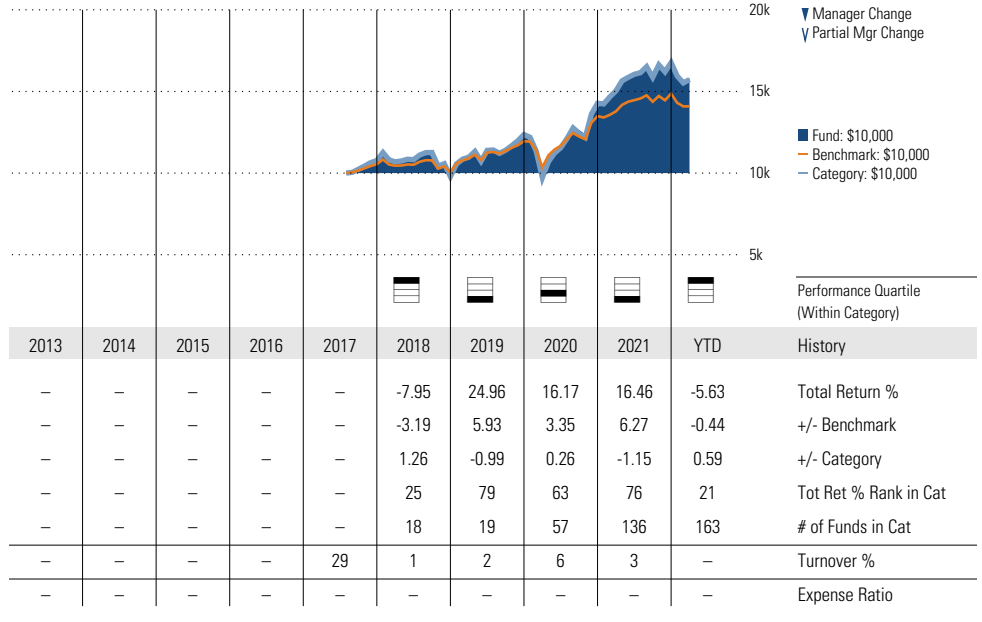
## Morningstar Investment Management LLC Analysis

This fund fails our performance consistency screen but we maintain our long-term conviction in this target-date series and continue to be comfortable recommending it for retirement plans. This fund also fails our style screen, but because it is a target-date fund we do not consider this a concern.

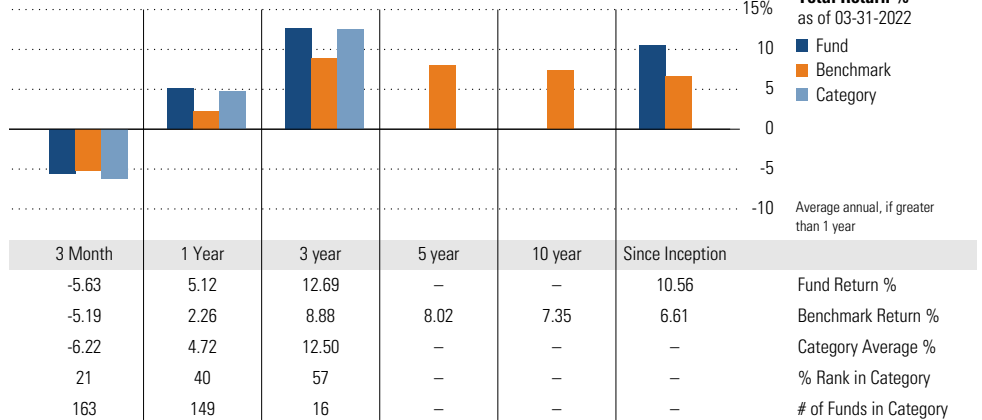
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	02-28-2022
ESG Commitment	1-Low	02-15-2022
Carbon Risk Score	Low Risk	12-31-2021

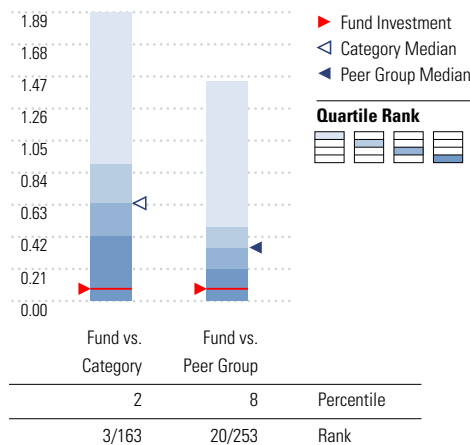
## Growth of \$10,000



## 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	0.18	-	-1.03
Beta	1.43	-	1.53
R-Squared	98.67	-	97.89
Standard Deviation	15.89	11.03	17.06
Sharpe Ratio	0.79	0.76	0.72
Tracking Error	5.10	-	6.35
Information Ratio	0.75	-	0.52
Up Capture Ratio	146.19	-	151.14
Down Capture Ratio	148.42	-	161.40

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	16.84	16.35	17.24
Price/Book Ratio	2.48	2.35	2.59
Avg Eff Duration	7.24	6.81	6.27

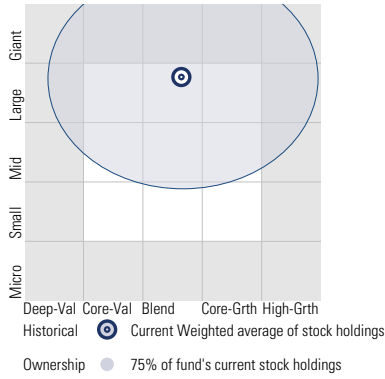
# Vanguard Target Retirement 2065 Fund VLXVX

**Morningstar Category**  
Target-Date 2065+

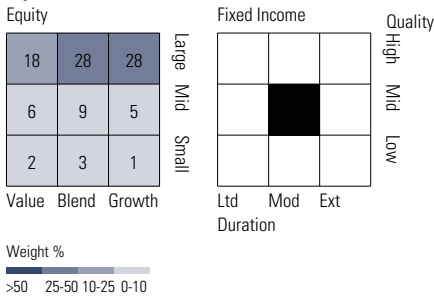
**Morningstar Index**  
Morningstar Mod Tgt Risk TR USD

## Style Analysis as of 03-31-2022

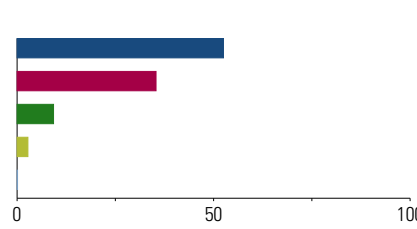
Morningstar Style Box™



## Style Breakdown

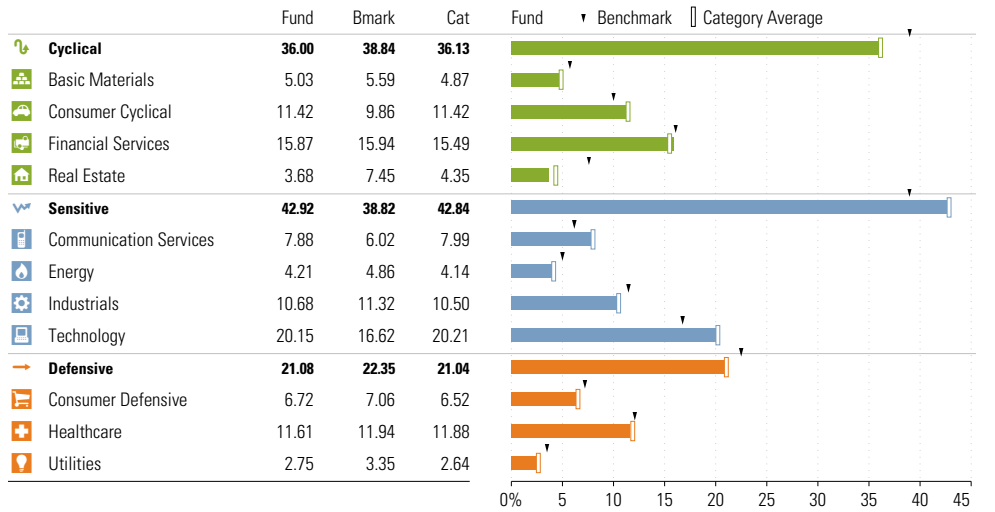


## Asset Allocation as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	52.51	53.10
Non-US Stocks	35.35	32.58
Bonds	9.27	6.84
Cash	2.75	2.23
Other	0.11	5.25
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2022



## Top 6 Holdings as of 03-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	-	52.99	52.99	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	36.04	89.03	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	6.64	95.67	-	-
⊕ Vanguard Total Intl Bd II Idx Instl	-	2.85	98.51	-	-
⊕ Mktliq 12/31/2049	-	1.48	99.99	-	-
⊖ Us Dollar	-	0.01	100.00	-	-

## Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement Income Fund 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 9.11 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 0.08 is 88.24% lower than the Target-Date Retirement category average.

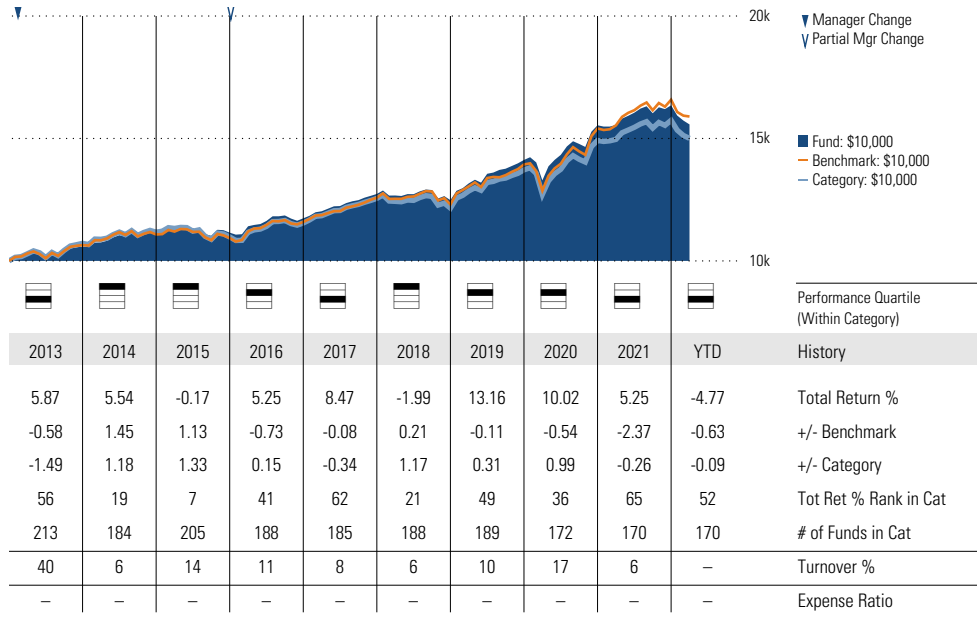
## Morningstar Investment Management LLC Analysis

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
Sustainability Rating	3	02-28-2022
ESG Commitment	1-Low	02-15-2022

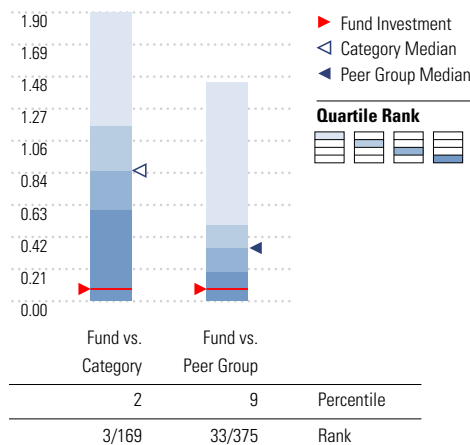
## Growth of \$10,000



## 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	0.02	-	-0.83
Beta	0.84	-	0.92
R-Squared	96.63	-	93.18
Standard Deviation	6.15	7.17	6.85
Sharpe Ratio	0.83	0.86	0.70
Tracking Error	1.60	-	2.18
Information Ratio	-0.66	-	-0.59
Up Capture Ratio	83.31	-	85.88
Down Capture Ratio	82.05	-	92.19

## Portfolio Metrics

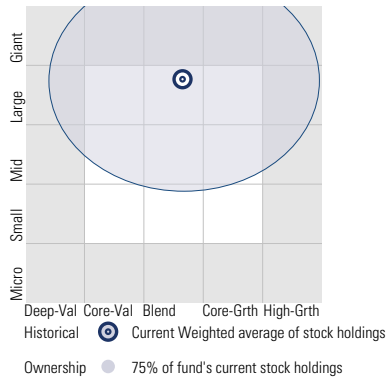
	Fund	Bmark	Cat
Price/Earnings Ratio	16.87	18.05	17.49
Price/Book Ratio	2.49	2.70	2.57
Avg Eff Duration	6.15	5.68	6.50

# Vanguard Target Retirement Income Fund VTINX

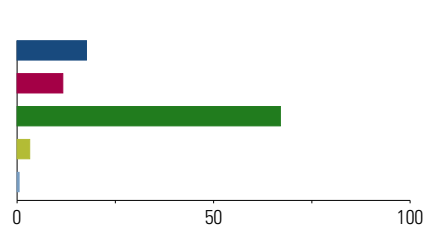
**Morningstar Category**  
Target-Date Retirement

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

**Style Analysis** as of 03-31-2022  
Morningstar Style Box™

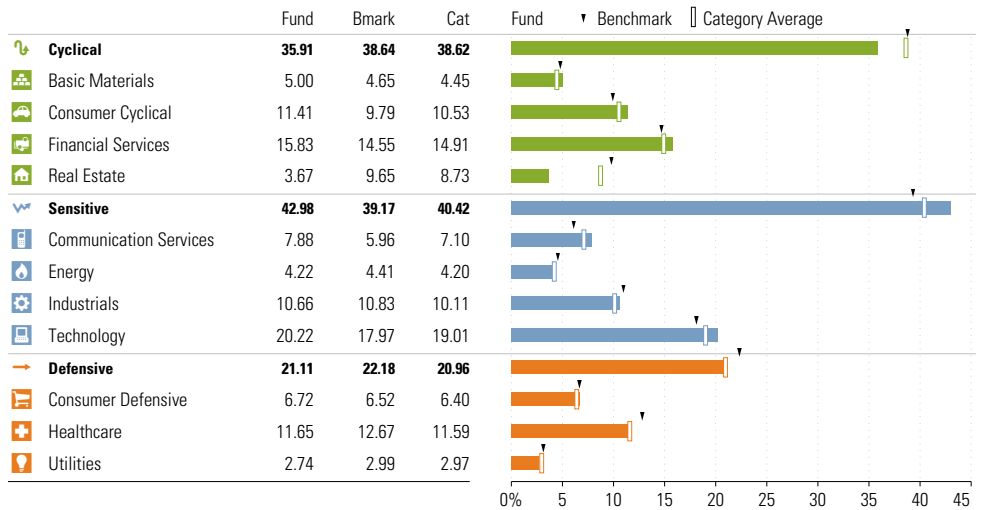


**Asset Allocation** as of 03-31-2022

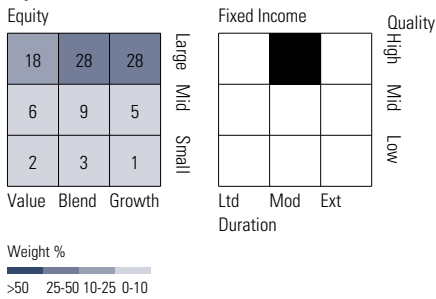


Asset Class	Net %	Cat%
US Stocks	17.65	18.44
Non-US Stocks	11.63	9.98
Bonds	66.99	52.27
Cash	3.21	5.53
Other	0.51	13.78
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2022



**Style Breakdown**



**Top 7 Holdings** as of 03-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	-	36.26	36.26	-	-
⊖ Vanguard Total Stock Mkt Idx Instl Pls	-	17.81	54.07	-	-
⊖ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	16.85	70.92	-	-
⊖ Vanguard Total Intl Bd II Idx Instl	-	15.96	86.88	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	11.85	98.73	-	-
⊖ Mktliq 12/31/2049	-	1.28	100.02	-	-
⊕ Us Dollar	-	0.02	100.04	-	-

**Total Holdings 7**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Value Index Adm VVIAX

**Morningstar Category**  
Large Value

**Morningstar Index**  
Russell 1000 Value TR USD

## Portfolio Manager(s)

Gerard O'Reilly since 12-1994  
Walter Nejman since 04-2016

## Quantitative Screens

✔ **Performance:** The fund has finished in the Large Value 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 27.27 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 0.05 is 94.57% lower than the Large Value category average.

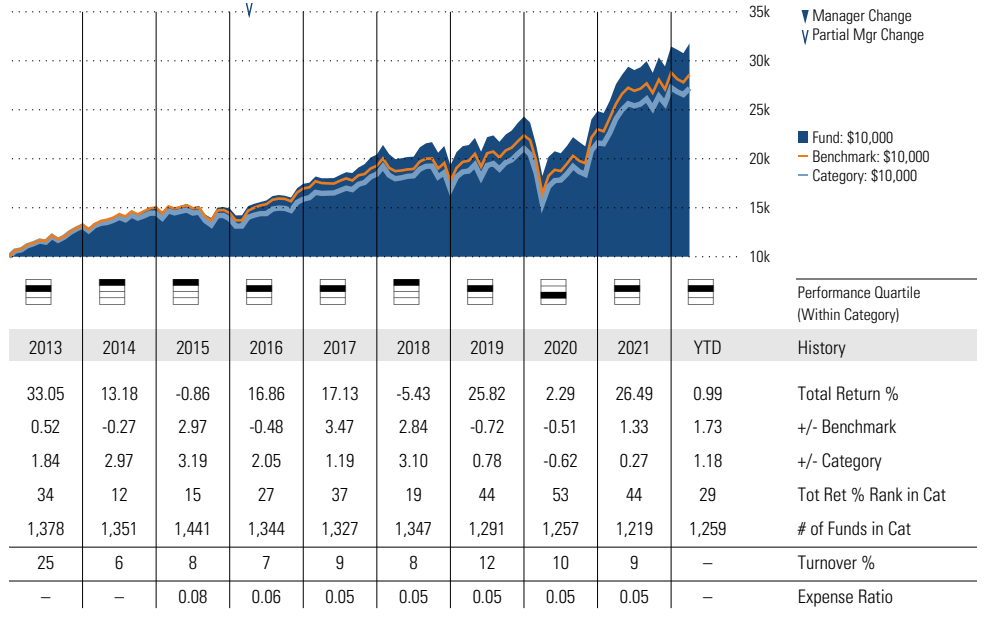
## Morningstar Investment Management LLC Analysis

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

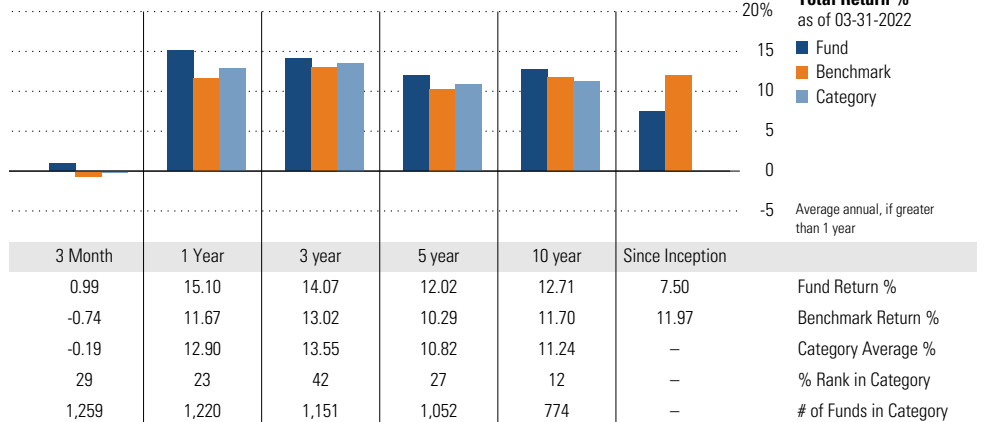
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	02-28-2022
ESG Commitment	1-Low	02-15-2022
Carbon Risk Score	Low Risk	12-31-2021

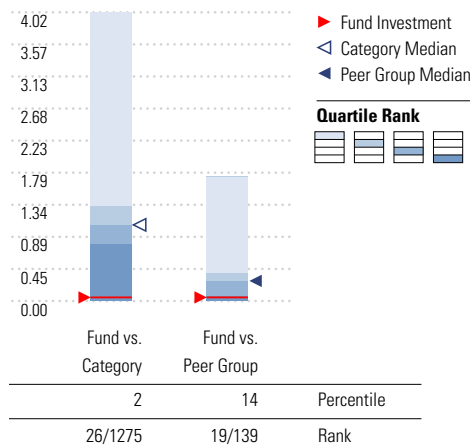
## Growth of \$10,000



## 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	1.52	-	0.68
Beta	0.94	-	0.98
R-Squared	98.98	-	95.07
Standard Deviation	18.16	19.12	19.30
Sharpe Ratio	0.78	0.70	0.72
Tracking Error	2.12	-	4.52
Information Ratio	0.50	-	0.09
Up Capture Ratio	99.63	-	98.97
Down Capture Ratio	94.72	-	96.41

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	16.46	16.61	15.72
Price/Book Ratio	2.67	2.47	2.64
Geom Avg Mkt Cap \$B	107.04	78.38	111.81
ROE	25.15	19.23	23.24

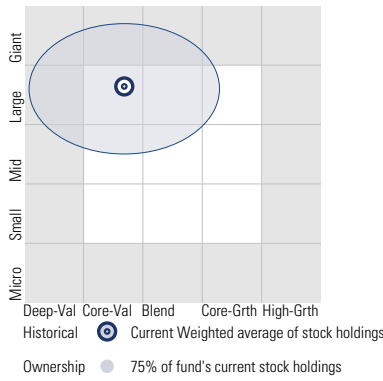
# Vanguard Value Index Adm VVIAX

**Morningstar Category**  
Large Value

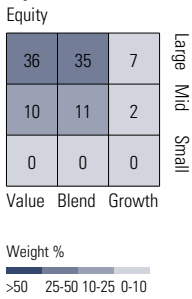
**Morningstar Index**  
Russell 1000 Value TR USD

## Style Analysis as of 03-31-2022

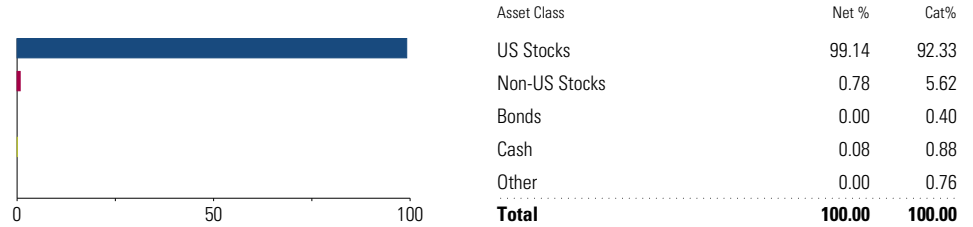
Morningstar Style Box™



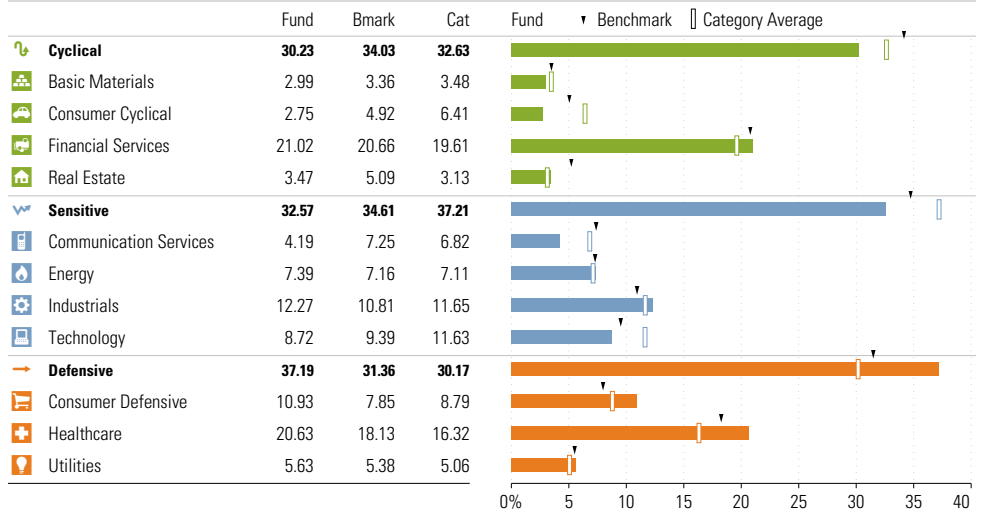
## Style Breakdown



## Asset Allocation as of 03-31-2022



## Sector Weighting as of 03-31-2022



## Top 15 Holdings as of 03-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Berkshire Hathaway Inc Class B	3.38	3.38	18.03	Financial Services
⊕ UnitedHealth Group Inc	2.63	6.01	1.85	Healthcare
⊕ Johnson & Johnson	2.55	8.57	4.22	Healthcare
⊕ JPMorgan Chase & Co	2.21	10.78	-13.28	Financial Services
⊕ Procter & Gamble Co	2.01	12.78	-6.06	Consumer Defensive
⊕ Exxon Mobil Corp	1.92	14.70	36.41	Energy
⊕ Chevron Corp	1.74	16.44	39.97	Energy
⊕ Pfizer Inc	1.60	18.03	-11.65	Healthcare
⊕ AbbVie Inc	1.57	19.60	21.04	Healthcare
⊕ Bank of America Corp	1.55	21.15	-6.88	Financial Services
⊕ Eli Lilly and Co	1.35	22.50	4.03	Healthcare
⊕ Broadcom Inc	1.34	23.84	-4.75	Technology
⊕ Coca-Cola Co	1.33	25.17	5.46	Consumer Defensive
⊕ PepsiCo Inc	1.27	26.44	-3.03	Consumer Defensive
⊕ Comcast Corp Class A	1.16	27.60	-6.48	Communication Svc

**Total Holdings 352**

⊕ Increase ⊖ Decrease ✨ New to Portfolio