

# American Funds Capital World Gr&Inc R6 RWIGX

**Morningstar Category**  
World Large Stock

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

## Portfolio Manager(s)

Sung Lee since 02-2006  
David Riley since 02-2007  
L. Barroso since 02-2007  
Joyce Gordon since 02-2008  
Alex Sheynkman since 02-2014  
Michael Cohen since 11-2014  
Jin Lee since 02-2019  
Leo Hee since 10-2019  
Jeremy Burge since 01-2020

## Quantitative Screens

✔ **Performance:** The fund has finished in the World Large Stock 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 14.92 years.

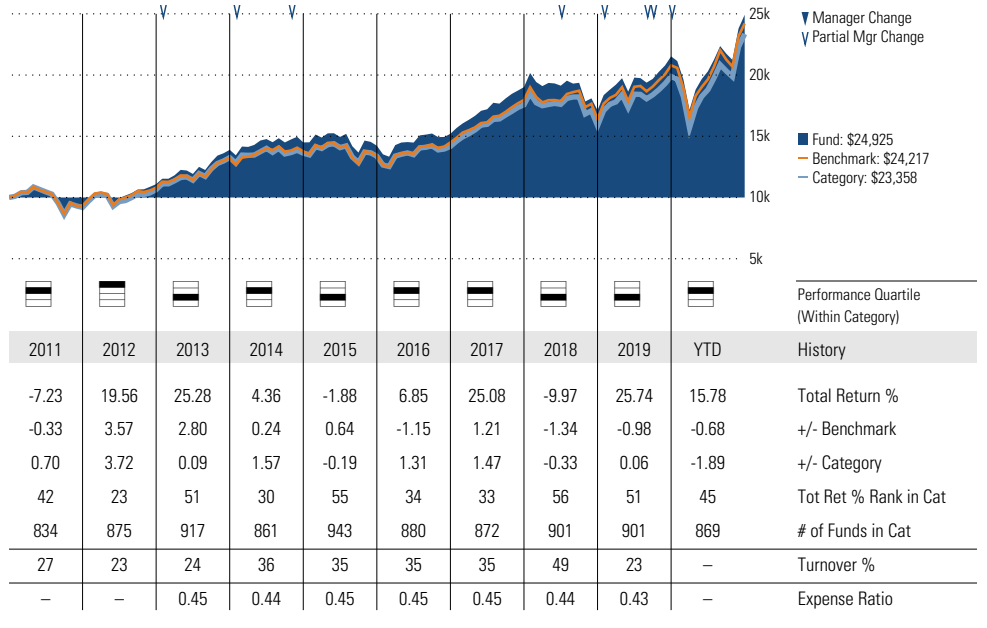
✔ **Style:** The fund has landed in its primary style box — Large Blend — 81.82 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.42 is 61.47% lower than the World Large Stock category average.

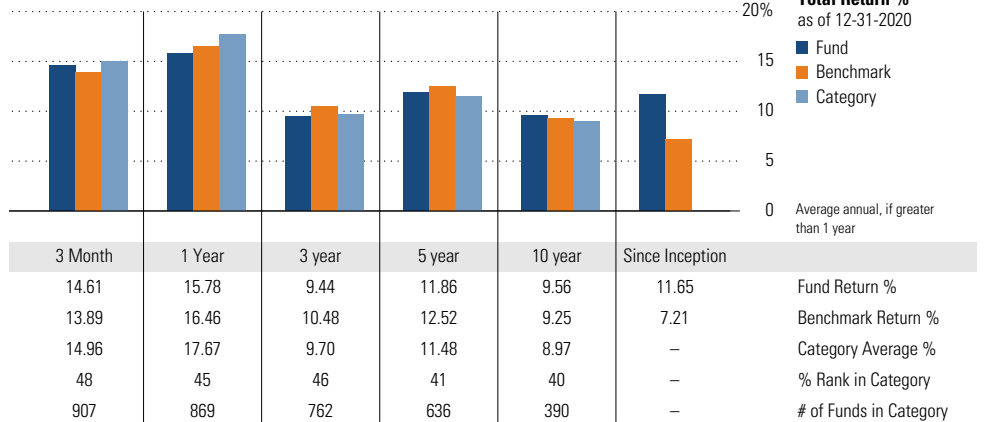
## Morningstar Investment Management LLC Analysis

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

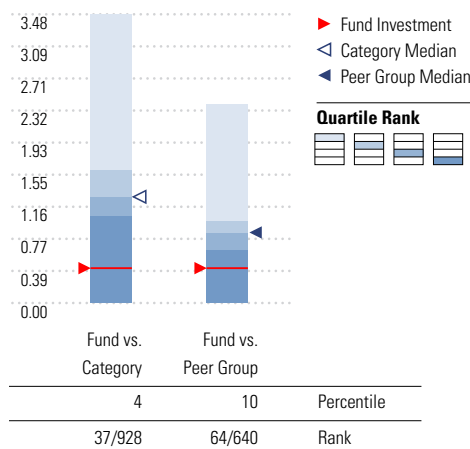
## Growth of \$10,000



## 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	-0.52	-	-0.04
Beta	0.95	-	0.99
R-Squared	98.28	-	92.98
Standard Deviation	17.28	17.99	18.56
Sharpe Ratio	0.52	0.56	0.53
Tracking Error	2.42	-	5.13
Information Ratio	-0.43	-	-0.07
Up Capture Ratio	92.55	-	97.05
Down Capture Ratio	93.92	-	96.90

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.14	16.67	17.26
Price/Book Ratio	2.42	2.05	2.15
Geom Avg Mkt Cap \$B	55.41	65.35	39.85
ROE	23.66	19.21	18.92

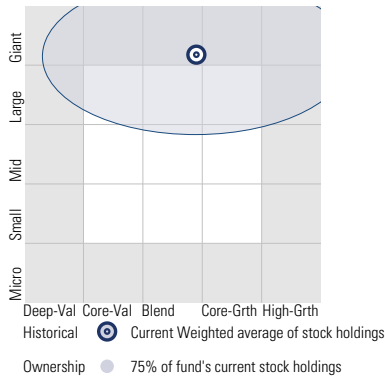
# American Funds Capital World Gr&Inc R6 RWIGX

**Morningstar Category**  
World Large Stock

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

## Style Analysis as of 12-31-2020

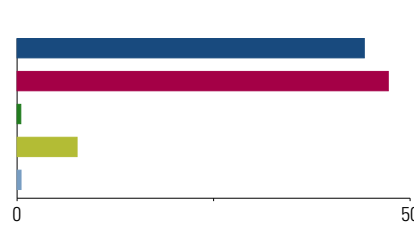
Morningstar Style Box™



## Style Breakdown

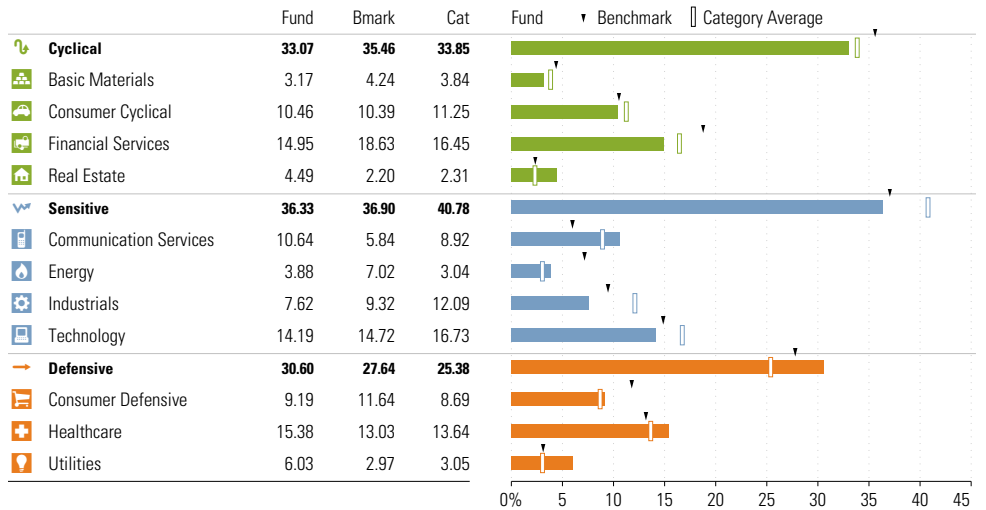


## Asset Allocation as of 12-31-2020

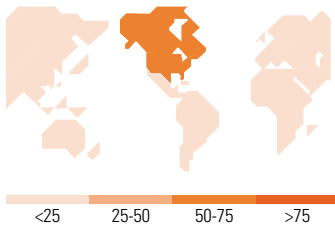


Asset Class	Net %	Cat%
US Stocks	44.17	53.76
Non-US Stocks	47.22	42.39
Bonds	0.47	0.23
Cash	7.63	2.70
Other	0.50	0.93
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2020



## World Regions % Equity 12-31-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	18.74	16.21	Americas	52.23	58.90	Greater Europe	29.04	24.88	Developed Markets	88.24
Japan	5.77	6.06	North America	50.17	58.05	United Kingdom	8.30	6.41	Emerging Markets	11.76
Australasia	0.50	0.94	Central/Latin	2.06	0.85	W euro-ex UK	18.78	17.80	Not Available	0.00
Asia-4 Tigers	4.60	3.86				Emrgng Europe	1.48	0.28		
Asia-ex 4 Tigers	7.87	5.35				Africa	0.48	0.39		
Not Classified	0.00	0.00								

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

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	6.86	6.86	-	-
Microsoft Corp	3.33	10.19	42.37	Technology
Broadcom Inc	2.48	12.68	42.78	Technology
Netflix Inc	2.19	14.87	67.11	Communication Svc
Nestle SA	1.82	16.69	2.08	Consumer Defensive
UnitedHealth Group Inc	1.82	18.51	20.93	Healthcare
Facebook Inc A	1.68	20.19	33.09	Communication Svc
Taiwan Semiconductor Manufacturing Co Ltd	1.59	21.78	63.14	Technology
Amazon.com Inc	1.51	23.29	76.26	Consumer Cyclical
AIA Group Ltd	1.37	24.66	18.26	Financial Services

**Total Holdings 333**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# American Funds Europacific Growth R6 RERGX

**Morningstar Category**  
Foreign Large Growth

**Morningstar Index**  
MSCI EAFE NR USD

## Portfolio Manager(s)

- Carl Kawaja since 06-2001
- Sung Lee since 06-2002
- Nicholas Grace since 06-2002
- Jesper Lyckeus since 06-2004
- Jonathan Knowles since 06-2006
- Andrew Suzman since 06-2007
- Christopher Thomsen since 06-2008
- Lawrence Kymisis since 06-2014
- Lara Pellini since 10-2014
- Noriko Chen since 01-2020
- Gerald Manoir since 01-2020

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 19.6 years.

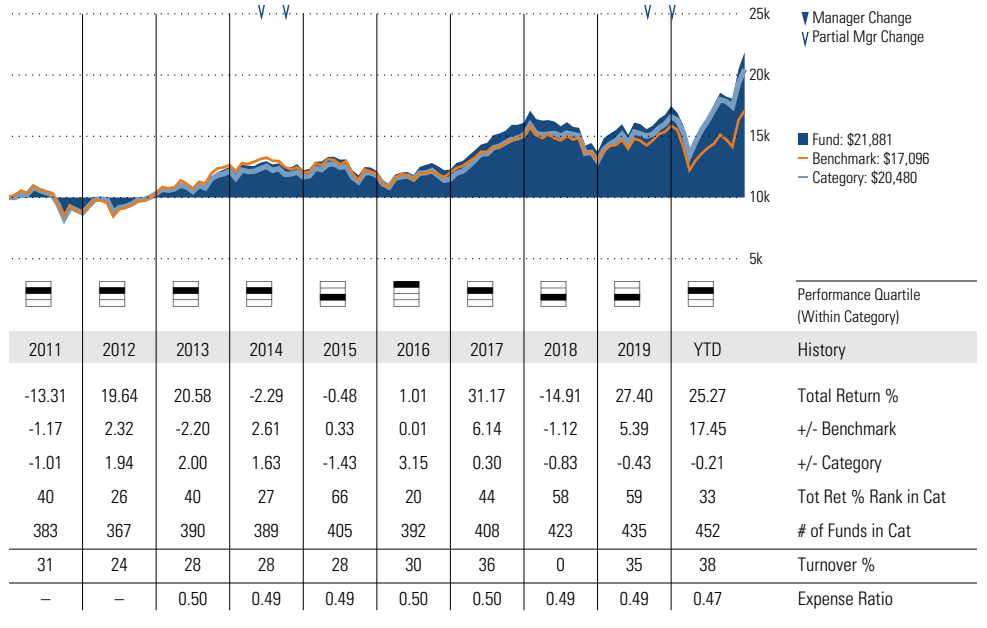
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.46 is 57.8% lower than the Foreign Large Growth category average.

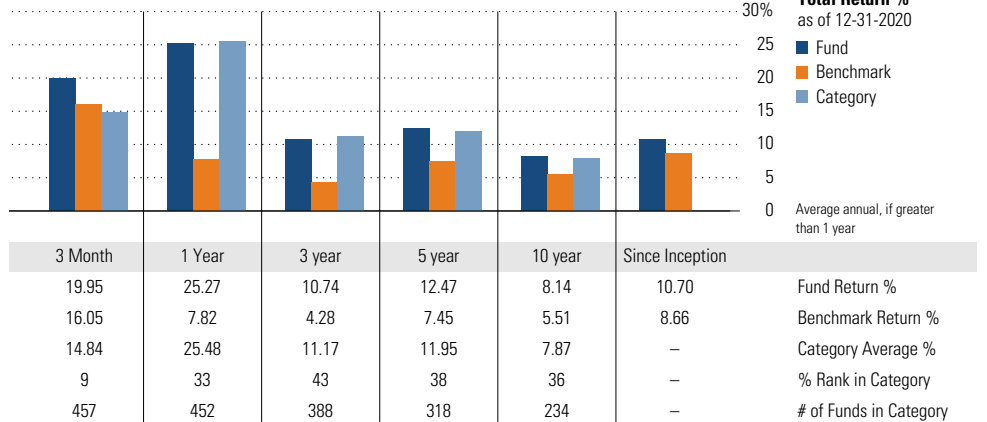
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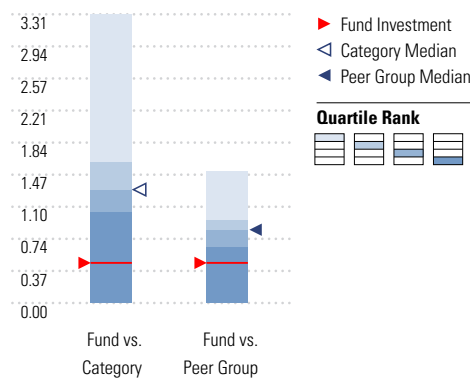
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	6.13	-	6.75
Beta	1.02	-	0.91
R-Squared	93.13	-	-
Standard Deviation	19.13	18.14	17.86
Sharpe Ratio	0.55	0.24	0.57
Tracking Error	5.02	-	6.93
Information Ratio	1.28	-	0.95
Up Capture Ratio	115.83	-	107.08
Down Capture Ratio	91.56	-	80.53

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.75	16.19	17.86
Price/Book Ratio	1.88	1.58	2.37
Geom Avg Mkt Cap \$B	39.57	35.93	31.37
ROE	19.74	15.50	19.30

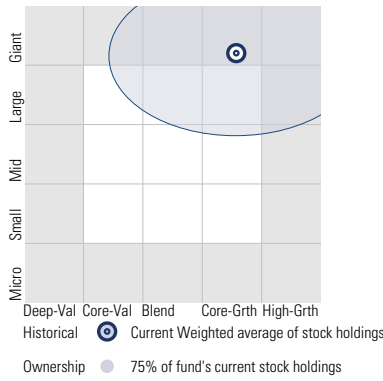
# American Funds Europacific Growth R6 RERGX

**Morningstar Category**  
Foreign Large Growth

**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 12-31-2020

Morningstar Style Box™



## Style Breakdown

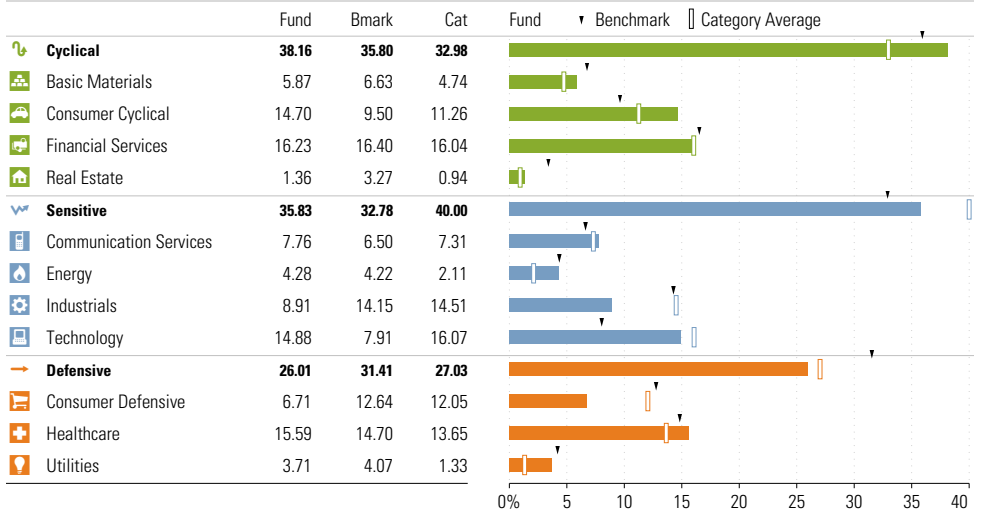


## Asset Allocation as of 12-31-2020

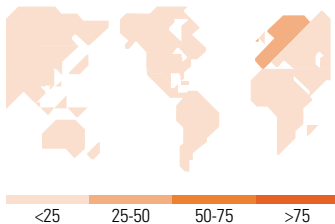


Asset Class	Net %	Cat%
US Stocks	9.93	7.26
Non-US Stocks	89.74	89.93
Bonds	0.09	0.02
Cash	9.23	2.57
Other	0.01	0.21
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2020



## World Regions % Equity 12-31-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	46.78	32.33	Americas	9.53	12.99	Greater Europe	43.69	54.68	Developed Markets	72.93
Japan	16.40	13.97	North America	4.24	11.17	United Kingdom	8.17	11.67	Emerging Markets	27.07
Australasia	0.90	1.99	Central/Latin	5.29	1.82	W euro-ex UK	33.69	41.89	Not Available	0.00
Asia-4 Tigers	8.86	6.56				Emrgng Europe	0.82	0.40		
Asia-ex 4 Tigers	20.62	9.81				Africa	1.01	0.72		
Not Classified	0.00	0.00								

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

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	8.75	8.75	—	—
AIA Group Ltd	2.61	11.36	18.26	Financial Services
ASML Holding NV	2.39	13.75	51.73	Technology
Reliance Industries Ltd	2.13	15.89	32.80	Energy
Daiichi Sankyo Co Ltd	2.08	17.97	48.89	Healthcare
Nintendo Co Ltd	1.78	19.74	53.42	Communication Svc
HDFC Bank Ltd	1.68	21.42	12.91	Financial Services
Keyence Corp	1.57	22.99	51.21	Technology
MercadoLibre Inc	1.54	24.53	192.90	Consumer Cyclical
LVMH Moet Hennessy Louis Vuitton SE	1.52	26.05	24.46	Consumer Cyclical

**Total Holdings 334**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Baird Aggregate Bond Inst BAGIX

**Morningstar Category**  
Intermediate Core Bond

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 20.27 years.

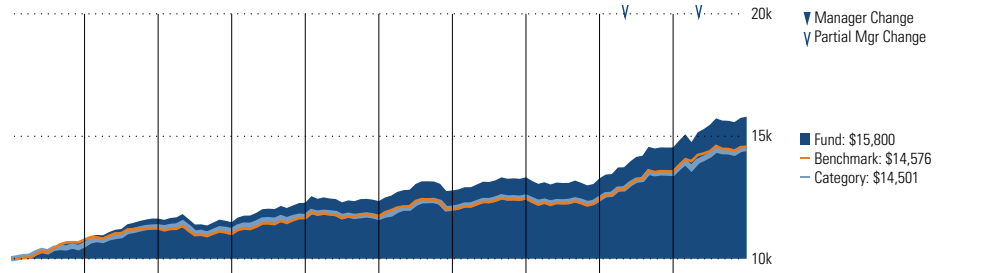
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.3 is 50.82% lower than the Intermediate Core Bond category average.

## Morningstar Investment Management LLC Analysis

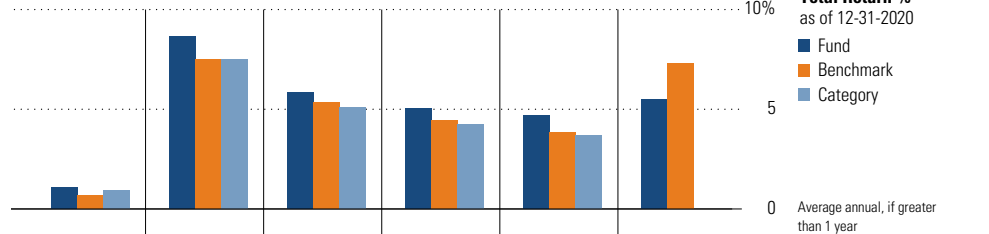
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Growth of \$10,000



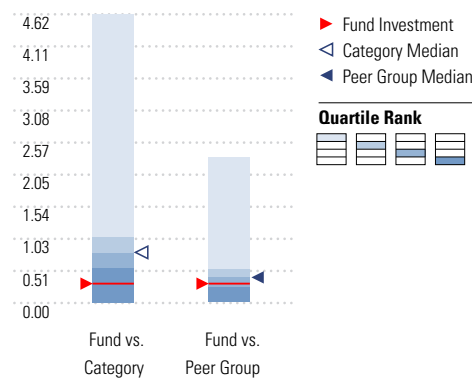
	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	History
Performance Quartile (Within Category)	III	III	III	III	III	III	III	III	III	III	History
Total Return %	7.85	7.92	-1.25	6.89	0.55	3.52	4.20	-0.30	9.48	8.63	Total Return %
+/- Benchmark	0.01	3.71	0.77	0.92	0.00	0.87	0.66	-0.31	0.76	1.12	+/- Benchmark
+/- Category	1.99	0.91	0.17	1.71	0.81	0.29	0.49	0.20	1.42	1.11	+/- Category
Tot Ret % Rank in Cat	9	34	36	8	22	37	31	41	15	22	Tot Ret % Rank in Cat
# of Funds in Cat	572	532	536	474	487	449	445	422	431	416	# of Funds in Cat
Turnover %	46	64	28	32	40	36	28	24	31	-	Turnover %
Expense Ratio	-	-	0.30	0.30	0.30	0.30	0.30	0.30	0.30	-	Expense Ratio

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	
Fund Return %	1.07	8.63	5.84	5.04	4.68	5.50	Fund Return %
Benchmark Return %	0.67	7.51	5.34	4.44	3.84	7.31	Benchmark Return %
Category Average %	0.95	7.52	5.11	4.26	3.69	-	Category Average %
% Rank in Category	38	22	14	11	5	-	% Rank in Category
# of Funds in Category	430	416	381	331	253	-	# of Funds in Category

## Net Expense



	Fund vs. Category	Fund vs. Peer Group	Percentile Rank
Rank	21	33	92/439
Rank			129/391

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	0.13	-	-0.07
Beta	1.07	-	0.98
R-Squared	91.16	-	84.02
Standard Deviation	3.81	3.40	3.68
Sharpe Ratio	1.12	1.11	0.99
Tracking Error	1.16	-	1.44
Information Ratio	0.43	-	-0.28
Up Capture Ratio	110.02	-	100.38
Down Capture Ratio	111.76	-	108.74

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	5.69	4.43	5.01
Avg Eff Maturity	7.48	-	6.82

# Baird Aggregate Bond Inst BAGIX

**Morningstar Category**  
Intermediate Core Bond

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

## Style Analysis as of 12-31-2020

### Style Breakdown



## Asset Allocation as of 12-31-2020

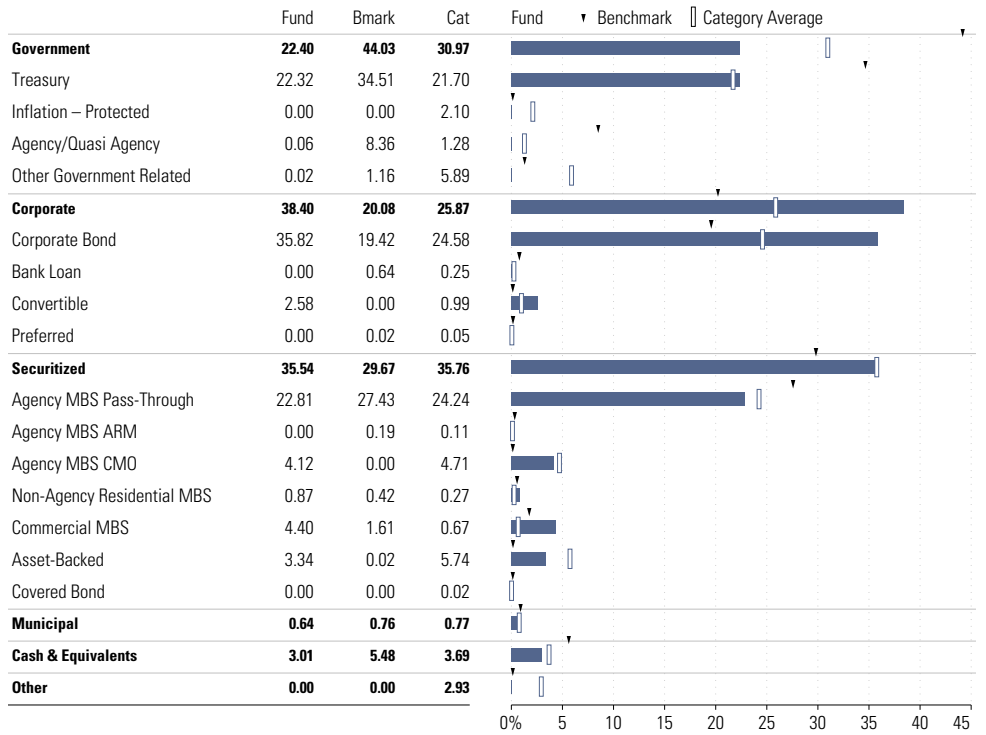


Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.00
Bonds	94.35	99.45
Cash	3.01	0.44
Other	2.64	0.10
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	59.70	3.53	37.76
AA	3.10	74.59	21.56
A	17.00	10.82	20.07
BBB	19.60	8.32	15.16
BB	0.60	0.28	2.53
B	0.00	0.00	0.91
Below B	0.00	0.00	0.90
Not Rated	0.00	2.46	1.10

## Sector Weighting as of 12-31-2020



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

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Notes 1.88%	03-2022	5.63	5.63	–
⊖ United States Treasury Bonds 2.88%	05-2043	3.99	9.62	–
⊖ United States Treasury Bonds 2.5%	02-2045	3.79	13.41	–
⊖ First American Government Obligs U	02-2030	2.37	15.79	–
⊖ United States Treasury Bonds 3.5%	02-2039	1.97	17.75	–
⊖ United States Treasury Notes 1.75%	03-2022	1.42	19.17	–
⊖ United States Treasury Notes 1.63%	08-2022	1.25	20.42	–
⊖ United States Treasury Notes 2.25%	11-2025	0.85	21.27	–
⊖ United States Treasury Notes 2.25%	11-2027	0.70	21.97	–
⊖ United States Treasury Notes 3.13%	11-2028	0.67	22.64	–

**Total Holdings 1285**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Eaton Vance Income Fund of Boston R6 EIBRX

**Morningstar Category**  
High Yield Bond

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

## Portfolio Manager(s)

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

## Quantitative Screens

✔ **Performance:** The fund has finished in the High Yield Bond category's top three quartiles in 6 of the 6 years it's been in existence.

✔ **Management:** The fund's management has been in place for 6.16 years.

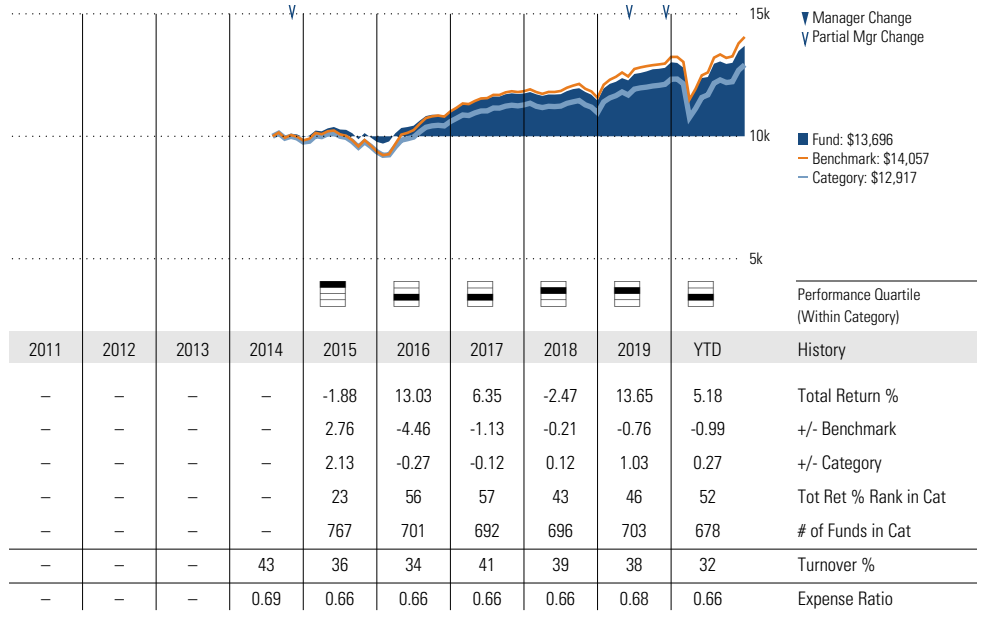
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.66 is 31.96% 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.

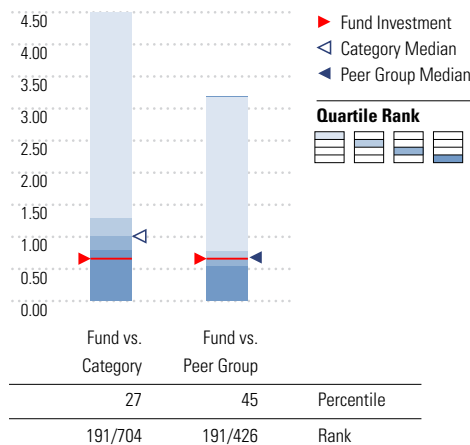
## Growth of \$10,000



## 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	-	-0.81
Beta	0.90	-	0.96
R-Squared	99.13	-	95.36
Standard Deviation	8.63	9.52	9.40
Sharpe Ratio	0.46	0.49	0.40
Tracking Error	1.23	-	2.26
Information Ratio	-0.52	-	-0.50
Up Capture Ratio	88.16	-	91.06
Down Capture Ratio	87.45	-	98.10

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	2.55	-	3.42
Avg Eff Maturity	3.51	-	5.85

# Eaton Vance Income Fund of Boston R6 EIBRX

**Morningstar Category**  
High Yield Bond

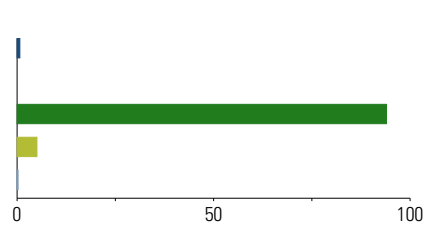
**Morningstar Index**  
ICE BofA US High Yield TR USD

## Style Analysis as of 12-31-2020

### Style Breakdown



## Asset Allocation as of 12-31-2020

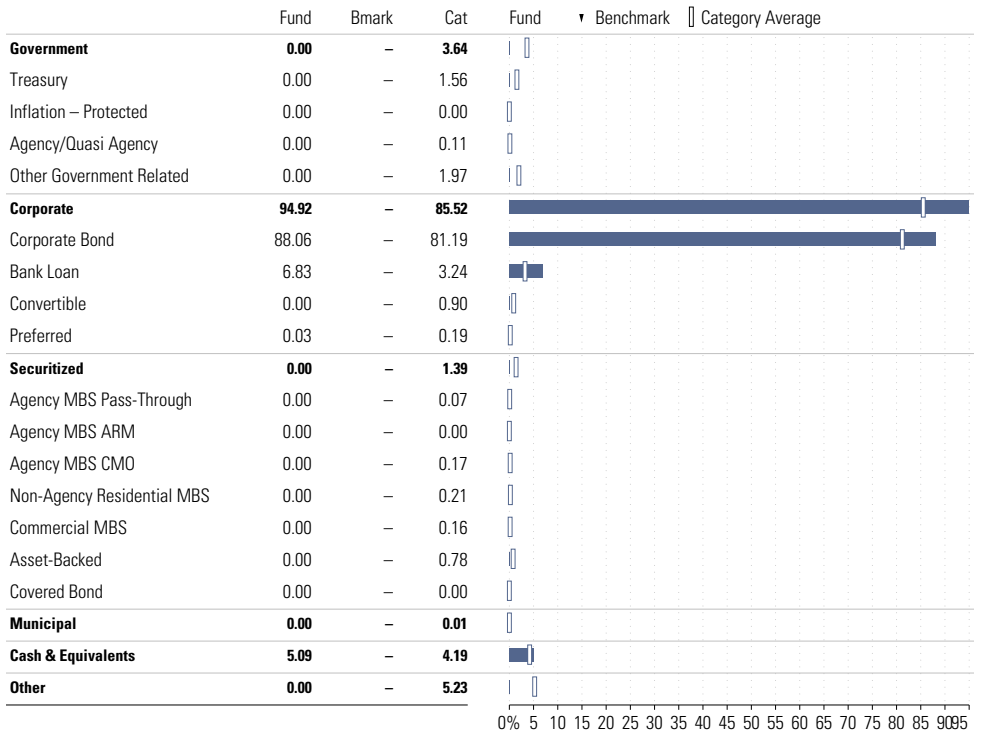


Asset Class	Net %	Cat%
US Stocks	0.70	0.63
Non-US Stocks	0.00	0.03
Bonds	94.00	97.30
Cash	5.05	2.13
Other	0.25	-0.11
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	0.00	-	1.78
AA	0.00	-	1.17
A	0.00	-	1.47
BBB	8.04	-	3.75
BB	40.41	-	37.28
B	41.16	-	40.07
Below B	8.20	-	13.25
Not Rated	2.19	-	1.23

## Sector Weighting as of 12-31-2020



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

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Ev Cash Reserves Fund Llc	-	4.77	4.77	-
Asurion	08-2025	1.23	6.00	-
Sprint Corporation 7.88%	09-2023	1.01	7.00	-
MPH Acquisition Holdings LLC 7.12%	06-2024	1.00	8.00	-
NEPTUNE ENERGY BONDCO PLC 6.62%	05-2025	0.68	8.68	-
CrownRock LP 5.62%	10-2025	0.64	9.32	-
Jaguar Holding Co II/Pharmaceutical Product Development LLC 6.38%	08-2023	0.62	9.94	-
Viking Cruises, Ltd. 5.88%	09-2027	0.58	10.52	-
ARD Finance S.A. 5%	06-2027	0.57	11.09	-
T-Mobile USA, Inc. 6.5%	01-2026	0.57	11.65	-

**Total Holdings 515**

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# Federated Hermes Govt Ultrashort R6 FGULX

**Morningstar Category**  
Ultrashort Bond

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

## Portfolio Manager(s)

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

## Quantitative Screens

✔ **Performance:** The fund has finished in the Ultrashort Bond category's top three quartiles in 3 of the 4 years it's been in existence.

✔ **Management:** The fund's management has been in place for 23.49 years.

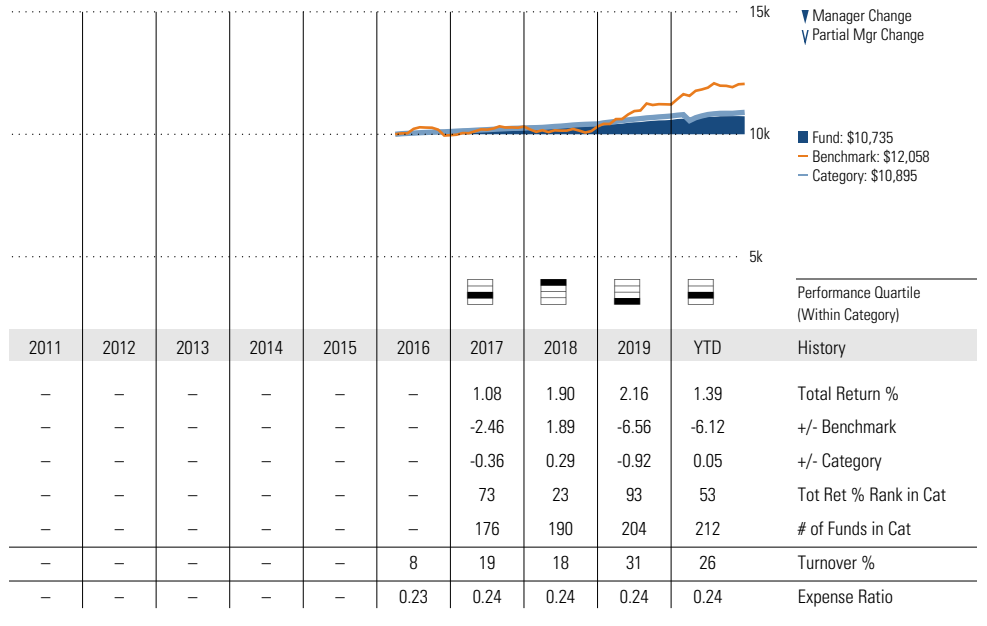
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.24 is 46.67% lower than the Ultrashort Bond category average.

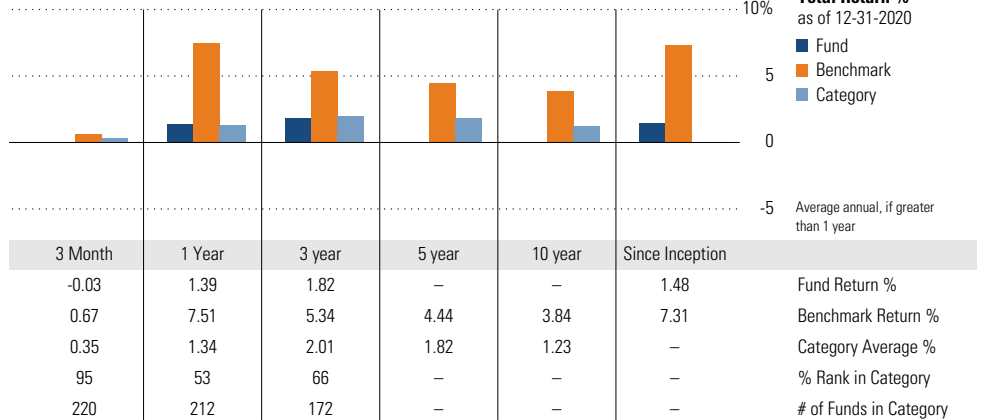
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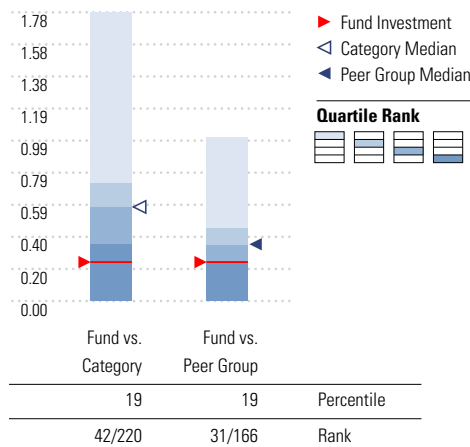
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.49	-	1.17
Beta	0.06	-	0.15
R-Squared	18.04	-	12.20
Standard Deviation	0.48	3.40	1.76
Sharpe Ratio	0.62	1.11	0.30
Tracking Error	3.23	-	3.49
Information Ratio	-1.09	-	-0.98
Up Capture Ratio	17.79	-	28.24
Down Capture Ratio	-19.45	-	7.79

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	0.38	4.43	0.87
Avg Eff Maturity	2.62	-	1.41

# Federated Hermes Govt Ultrashort R6 FGULX

**Morningstar Category**  
Ultrashort Bond

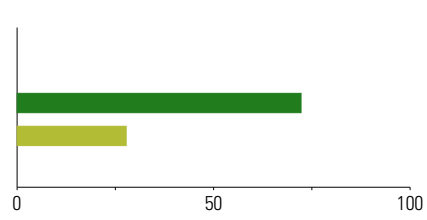
**Morningstar Index**  
BBgBarc US Agg Bond TR USD

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

**Style Breakdown**



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



Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.00
Bonds	72.25	70.50
Cash	27.75	26.95
Other	0.00	2.56
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Credit Rating Breakdown**

	Fund	Bmark	Cat
AAA	100.00	3.53	56.93
AA	0.00	74.59	7.29
A	0.00	10.82	16.98
BBB	0.00	8.32	12.33
BB	0.00	0.28	1.33
B	0.00	0.00	0.01
Below B	0.00	0.00	0.38
Not Rated	0.00	2.46	4.75

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



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

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Bmcap Repo 5 Repo	01-2020	22.34	22.34	–
⊖ Government National Mortgage Association 2.16%	01-2049	4.01	26.35	–
⊖ Government National Mortgage Association 2.21%	01-2049	3.43	29.78	–
⊖ Government National Mortgage Association 0.82%	02-2065	3.33	33.11	–
⊖ Government National Mortgage Association 0.82%	01-2065	3.21	36.32	–
⊖ Government National Mortgage Association 2.16%	09-2046	2.72	39.04	–
⊖ Government National Mortgage Association 0.59%	09-2062	2.43	41.47	–
⊖ Government National Mortgage Association 0.74%	06-2062	2.32	43.78	–
⊖ Government National Mortgage Association 2.16%	10-2046	2.23	46.02	–
⊖ Government National Mortgage Association 2.16%	01-2047	2.14	48.16	–

**Total Holdings** 223

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Invesco Growth and Income R6 GIFFX

Morningstar Category  
Large Value

Morningstar Index  
Russell 1000 Value TR USD

## Portfolio Manager(s)

Sergio Marcheli since 03-2003  
Brian Jurkash since 12-2015  
Matthew Titus since 01-2016

## Quantitative Screens

**Performance:** The fund has finished in the Large Value category's top three quartiles in 7 of the 8 years it's been in existence.

**Management:** The fund's management has been in place for 17.85 years.

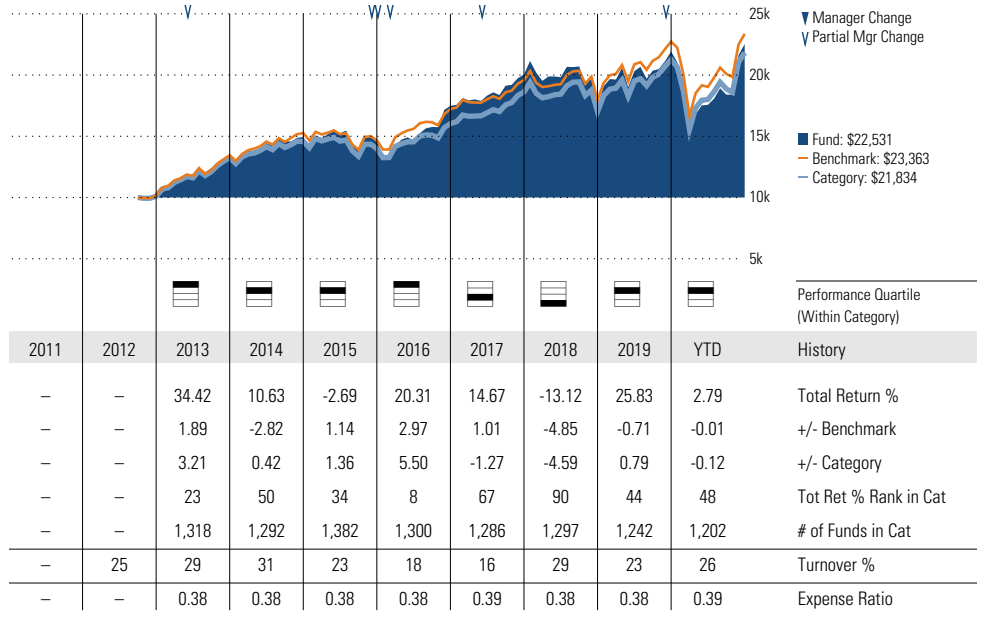
**Style:** The fund has landed in its primary style box — Large Value — 100 % of the time over the past three years.

**Net Expense:** The fund's expense ratio of 0.39 is 58.51% lower than the Large Value category average.

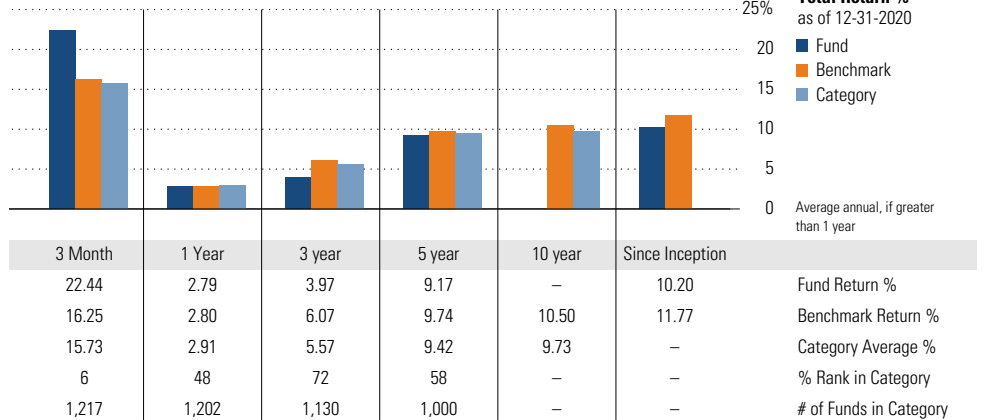
## Morningstar Investment Management LLC Analysis

We are placing this fund on watch due to the retirement of longtime manager Tom Bastian at the end of 2019. Although the retirement was expected and there are some experienced remaining team members, there have been substantial changes to the management team in recent years, and Bastian was the longest tenured. While the fund is on watch, we will monitor the consistency of the current management team's process and performance.

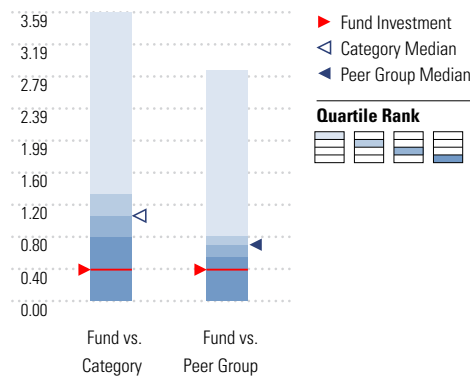
## Growth of \$10,000



## 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	-2.52	-	-0.42
Beta	1.16	-	0.99
R-Squared	97.67	-	96.33
Standard Deviation	23.42	19.90	20.03
Sharpe Ratio	0.22	0.32	0.30
Tracking Error	4.83	-	4.17
Information Ratio	-0.43	-	-0.16
Up Capture Ratio	108.06	-	98.27
Down Capture Ratio	118.28	-	100.36

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.87	16.59	16.45
Price/Book Ratio	1.77	1.83	2.17
Geom Avg Mkt Cap \$B	55.85	53.25	87.27
ROE	12.81	13.49	19.10

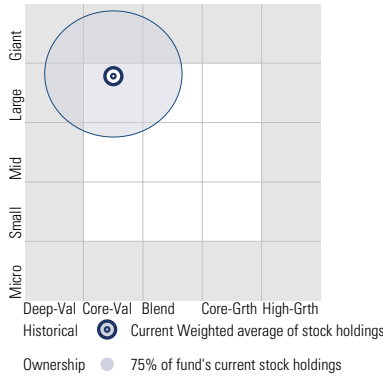
# Invesco Growth and Income R6 GIFFX

Morningstar Category  
Large Value

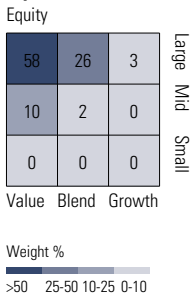
Morningstar Index  
Russell 1000 Value TR USD

## Style Analysis as of 12-31-2020

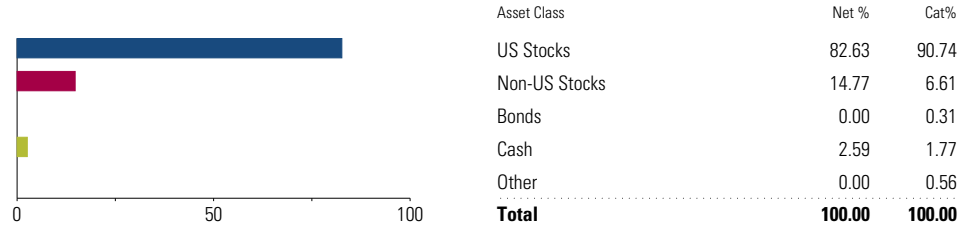
Morningstar Style Box™



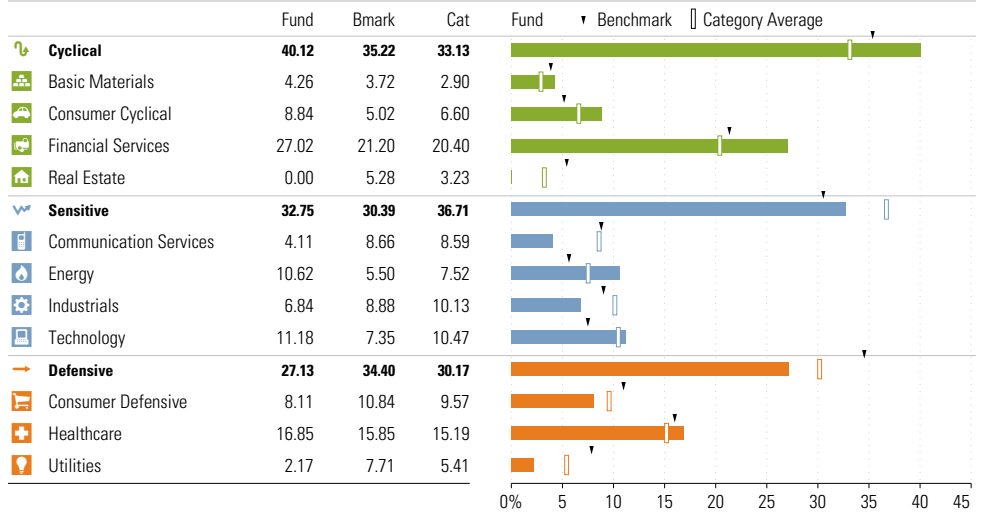
## Style Breakdown



## Asset Allocation as of 12-31-2020



## Sector Weighting as of 12-31-2020



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

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Stsb_gl_fxgl	5.00	5.00	-	-
⊕ Johnson & Johnson	3.61	8.60	10.62	Healthcare
⊖ Bank of America Corp	3.45	12.05	-11.90	Financial Services
⊖ Philip Morris International Inc	3.19	15.24	2.87	Consumer Defensive
⊖ Citigroup Inc	3.11	18.34	-20.27	Financial Services
⊖ American International Group Inc	2.87	21.21	-23.75	Financial Services
⊖ Morgan Stanley	2.66	23.87	36.80	Financial Services
⊖ General Motors Co	2.61	26.48	14.81	Consumer Cyclical
⊖ PNC Financial Services Group Inc	2.53	29.01	-3.78	Financial Services
⊕ Stsb_gl_fxgl	2.49	31.50	-	-
⊕ Meln_gl_fxgl	2.35	33.85	-	-
⊕ Meln_gl_fxgl	2.30	36.15	-	-
⊖ General Dynamics Corp	2.15	38.31	-13.16	Industrials
⊕ Goldman Sachs Group Inc	2.04	40.34	16.87	Financial Services
⊖ Royal Dutch Shell PLC Class A	2.01	42.35	-38.64	Energy

## Total Holdings 77

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Invesco Oppenheimer International Gr A OIGAX

**Morningstar Category**  
Foreign Large Growth

**Morningstar Index**  
MSCI EAFE NR USD

## Portfolio Manager(s)

George Evans since 03-1996

Robert Dunphy since 03-2012

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 24.79 years.

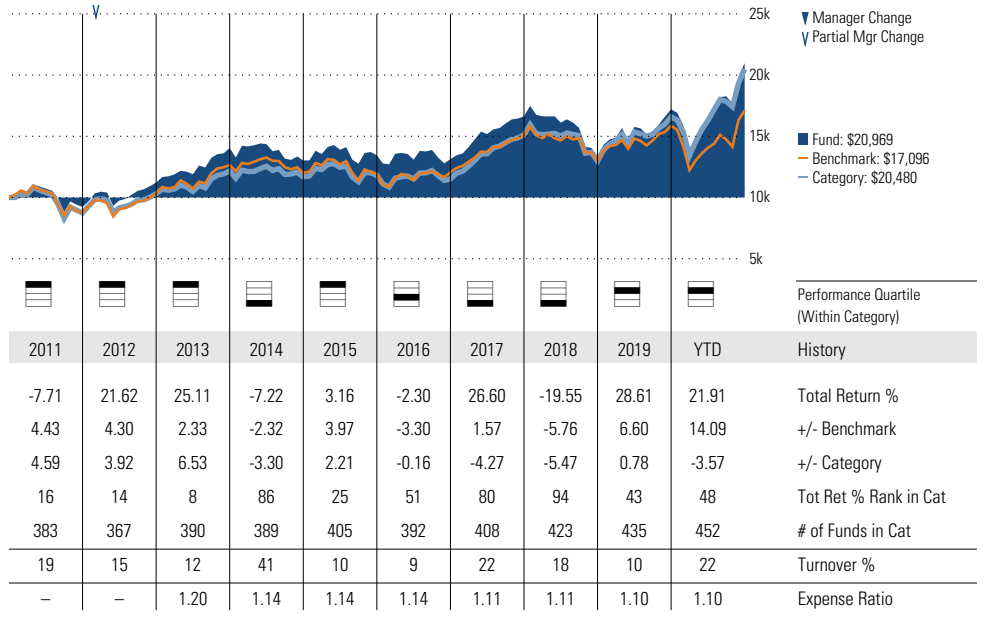
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 1.1 is 0.92% higher than the Foreign Large Growth category average.

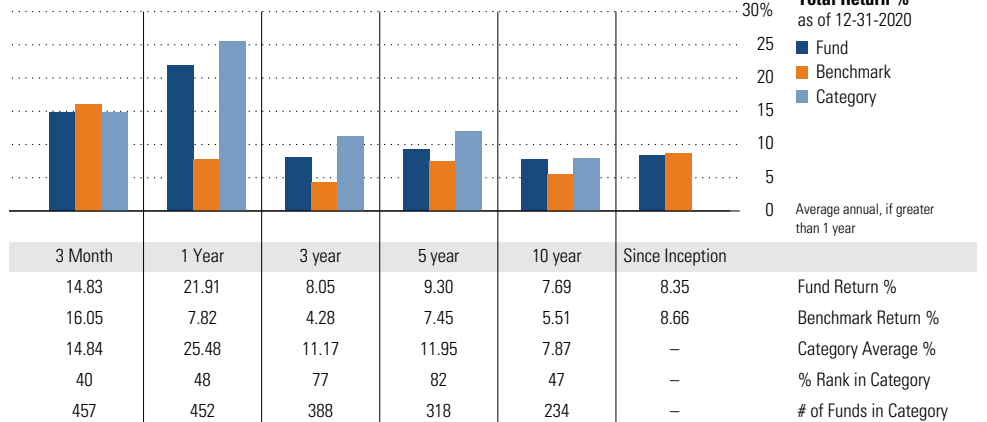
## Morningstar Investment Management LLC Analysis

We are placing Invesco Oppenheimer International Growth on watch for performance. This fund has struggled recently, most notably in 2018 when it fell further than its category peers and benchmark index. In the first half of 2019, the fund outpaced its prospectus benchmark and kept pace with its peers in the Foreign Large Growth Morningstar Category, but it could take some time for this fund to regain its standings in the category. There's reason for hope, as manager George Evans has led the effort here for over twenty years and long-term results are still competitive. We'll be watching for better relative performance in the coming quarters.

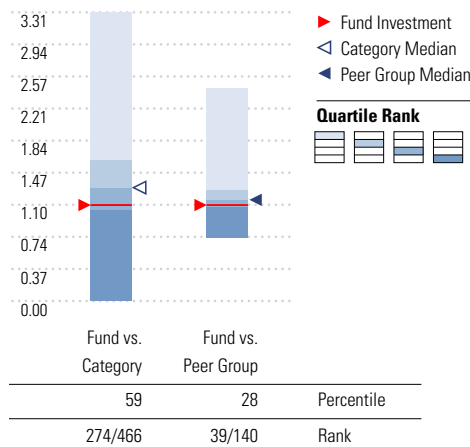
## Growth of \$10,000



## 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	3.82	-	6.75
Beta	0.97	-	0.91
R-Squared	89.83	-	-
Standard Deviation	18.62	18.14	17.86
Sharpe Ratio	0.43	0.24	0.57
Tracking Error	5.96	-	6.93
Information Ratio	0.63	-	0.95
Up Capture Ratio	107.45	-	107.08
Down Capture Ratio	92.87	-	80.53

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	22.08	16.19	17.86
Price/Book Ratio	3.18	1.58	2.37
Geom Avg Mkt Cap \$B	15.13	35.93	31.37
ROE	23.39	15.50	19.30

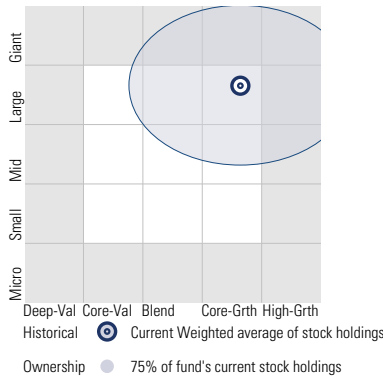
# Invesco Oppenheimer International Gr A OIGAX

**Morningstar Category**  
Foreign Large Growth

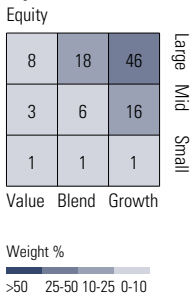
**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 12-31-2020

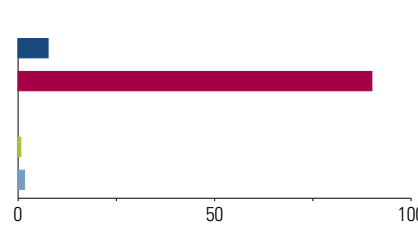
Morningstar Style Box™



## Style Breakdown

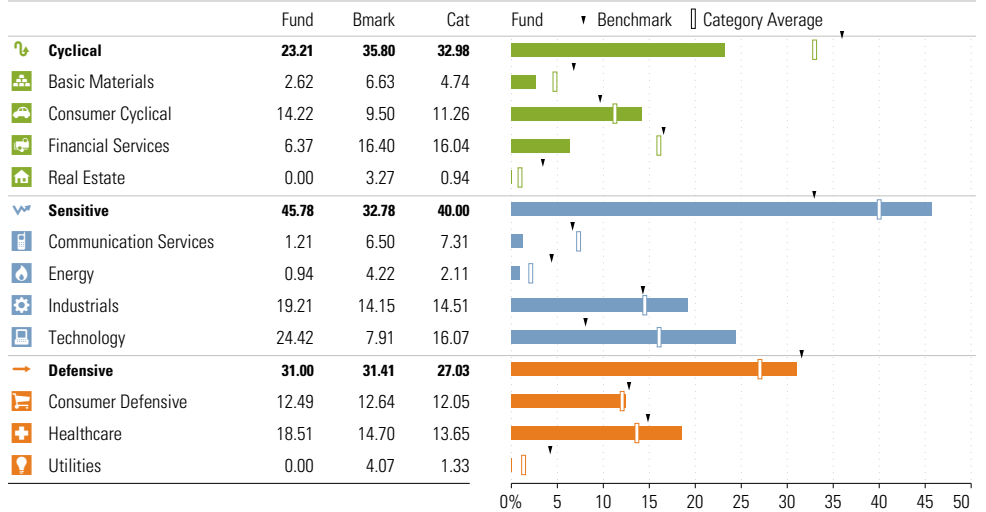


## Asset Allocation as of 12-31-2020

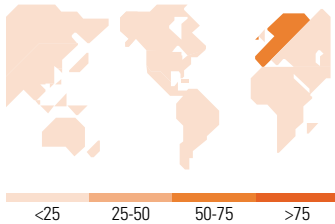


Asset Class	Net %	Cat%
US Stocks	7.63	7.26
Non-US Stocks	90.02	89.93
Bonds	0.00	0.02
Cash	0.70	2.57
Other	1.65	0.21
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2020



## World Regions % Equity 12-31-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	25.86	32.33	Americas	13.26	12.99	Greater Europe	60.87	54.68	Developed Markets	94.66
Japan	12.68	13.97	North America	13.26	11.17	United Kingdom	8.87	11.67	Emerging Markets	5.34
Australasia	4.31	1.99	Central/Latin	0.00	1.82	W euro-ex UK	51.08	41.89	Not Available	0.00
Asia-4 Tigers	4.46	6.56				Emrgng Europe	0.92	0.40		
Asia-ex 4 Tigers	4.41	9.81				Africa	0.00	0.72		
Not Classified	0.00	0.00								

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

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
SAP SE	2.91	2.91	-9.57	Technology
Hitachi Ltd	2.91	5.82	-9.97	Industrials
ASML Holding NV	2.81	8.63	51.73	Technology
Hermes International SA	2.77	11.39	32.72	Consumer Cyclical
STMicroelectronics NV	2.54	13.93	27.00	Technology
Grifols SA A	2.51	16.44	-23.51	Healthcare
Hoya Corp	2.50	18.94	37.42	Healthcare
Keyence Corp	2.27	21.22	51.21	Technology
Novo Nordisk A/S B	2.19	23.41	12.57	Healthcare
Roche Holding AG Dividend Right Cert.	2.04	25.44	1.27	Healthcare

**Total Holdings 80**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# JPMorgan Emerging Markets Equity R6 JEMWX

**Morningstar Category**  
Diversified Emerging Mkts

**Morningstar Index**  
MSCI EM NR USD

## Portfolio Manager(s)

Austin Forey since 09-2005  
Amit Mehta since 02-2013  
Leon Eidelman since 02-2013

## Quantitative Screens

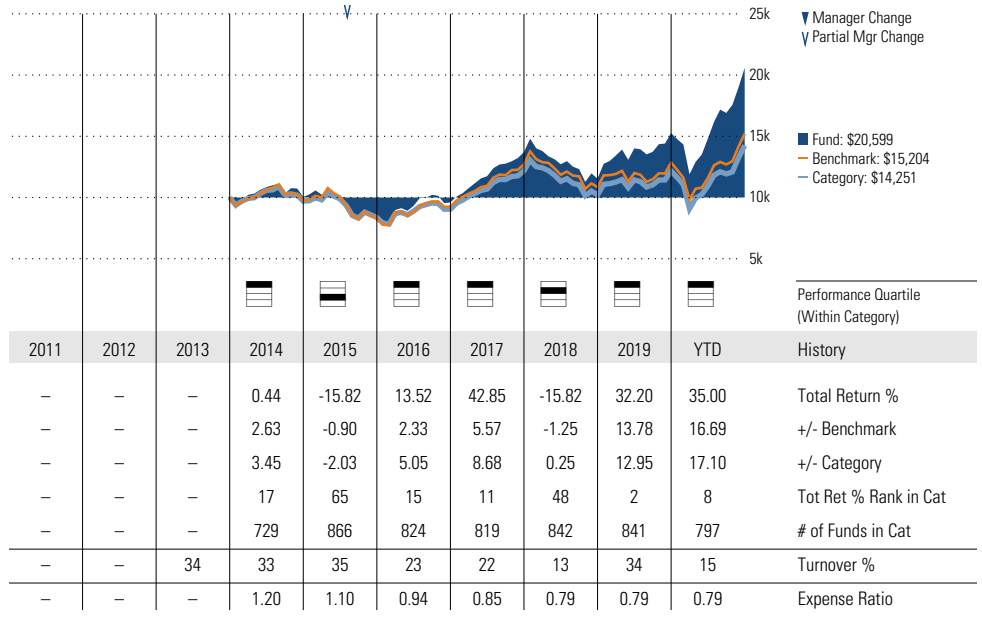
✔ **Performance:** The fund has finished in the Diversified Emerging Mkts category's top three quartiles in 7 of the 7 years it's been in existence.

✔ **Management:** The fund's management has been in place for 15.34 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 0.79 is 35.77% lower than the Diversified Emerging Mkts category average.

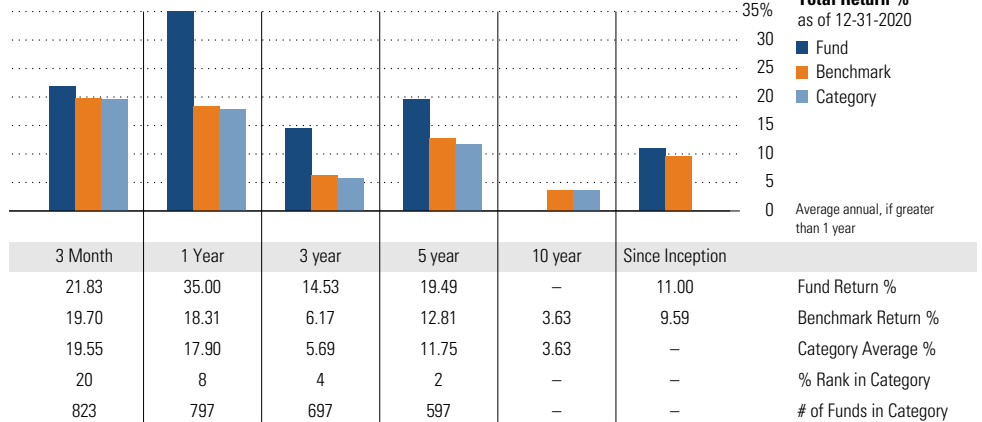
## Growth of \$10,000



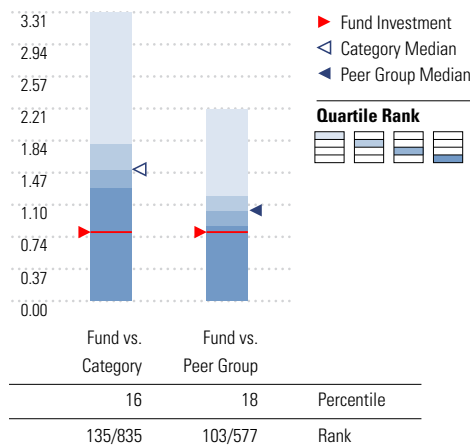
## Morningstar Investment Management LLC Analysis

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

## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	7.73	-	0.33
Beta	1.01	-	0.99
R-Squared	93.61	-	91.69
Standard Deviation	20.83	19.88	20.63
Sharpe Ratio	0.68	0.32	0.32
Tracking Error	5.27	-	5.75
Information Ratio	1.58	-	0.00
Up Capture Ratio	121.88	-	99.51
Down Capture Ratio	95.24	-	99.07

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	16.32	12.62	13.55
Price/Book Ratio	2.63	1.49	1.87
Geom Avg Mkt Cap \$B	21.94	19.61	20.39
ROE	25.45	17.14	20.22

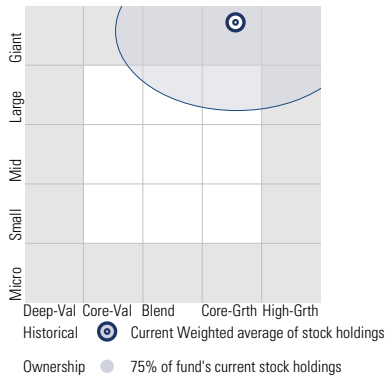
# JPMorgan Emerging Markets Equity R6 JEMWX

**Morningstar Category**  
Diversified Emerging Mkts

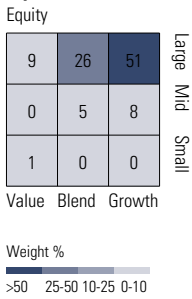
**Morningstar Index**  
MSCI EM NR USD

## Style Analysis as of 12-31-2020

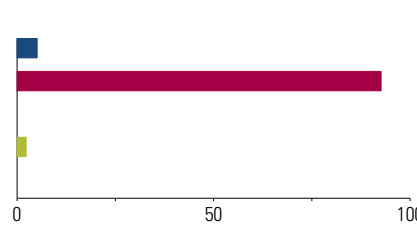
Morningstar Style Box™



## Style Breakdown

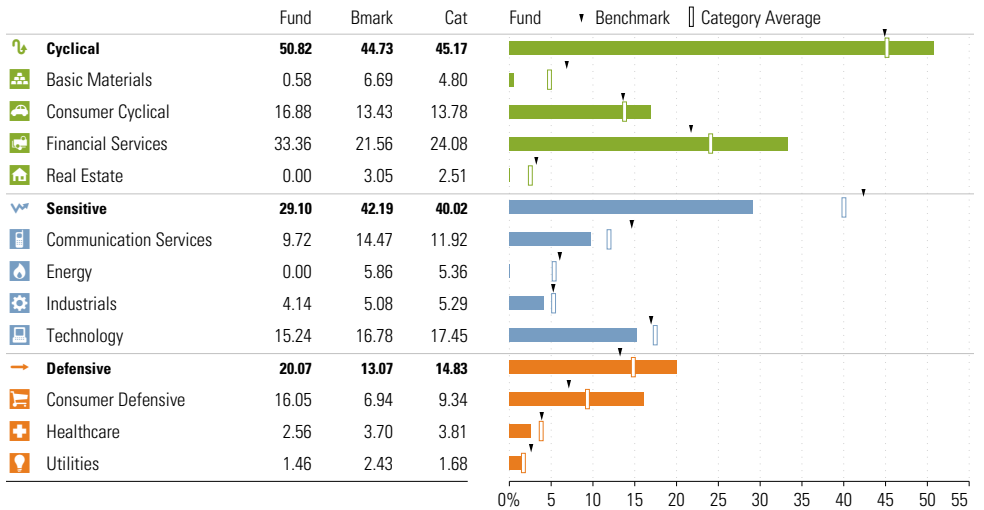


## Asset Allocation as of 12-31-2020



Asset Class	Net %	Cat%
US Stocks	5.10	2.97
Non-US Stocks	92.61	94.45
Bonds	0.00	0.48
Cash	2.30	1.54
Other	0.00	0.56
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2020



## World Regions % Equity 12-31-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	74.58	71.09	Americas	16.84	14.36	Greater Europe	8.58	14.55	Developed Markets	31.23
Japan	0.00	0.10	North America	5.22	1.90	United Kingdom	0.00	0.75	Emerging Markets	68.77
Australasia	0.00	0.01	Central/Latin	11.62	12.46	W euro-ex UK	1.93	1.66	Not Available	0.00
Asia-4 Tigers	24.07	23.83				Emrgng Europe	3.29	6.89		
Asia-ex 4 Tigers	50.51	47.15				Africa	3.36	5.25		
Not Classified	0.00	0.00								

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

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Alibaba Group Holding Ltd ADR	5.83	5.83	9.73	Consumer Cyclical
⊕ Tencent Holdings Ltd	4.85	10.69	47.64	Communication Svc
⊕ Taiwan Semiconductor Manufacturing Co Ltd ADR	4.51	15.19	90.63	Technology
⊕ Samsung Electronics Co Ltd	4.08	19.28	—	Technology
⊕ AIA Group Ltd	3.62	22.90	16.47	Financial Services
⊕ Housing Development Finance Corp Ltd	3.53	26.43	6.88	Financial Services
⊕ Ping An Insurance (Group) Co. of China Ltd Class H	2.78	29.21	5.77	Financial Services
⊖ JPMorgan Prime Money Market Inst	2.30	31.51	—	—
⊕ HDFC Bank Ltd	2.24	33.75	12.91	Financial Services
⊕ WuXi Biologics (Cayman) Inc Registered Shs Unitary 144A/Reg S	2.09	35.84	193.46	Healthcare

**Total Holdings 68**

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# MFS Growth R6 MFEKX

**Morningstar Category**  
Large Growth

**Morningstar Index**  
Russell 1000 Growth TR USD

## Portfolio Manager(s)

Eric Fischman since 04-2002

Paul Gordon since 07-2017

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 18.76 years.

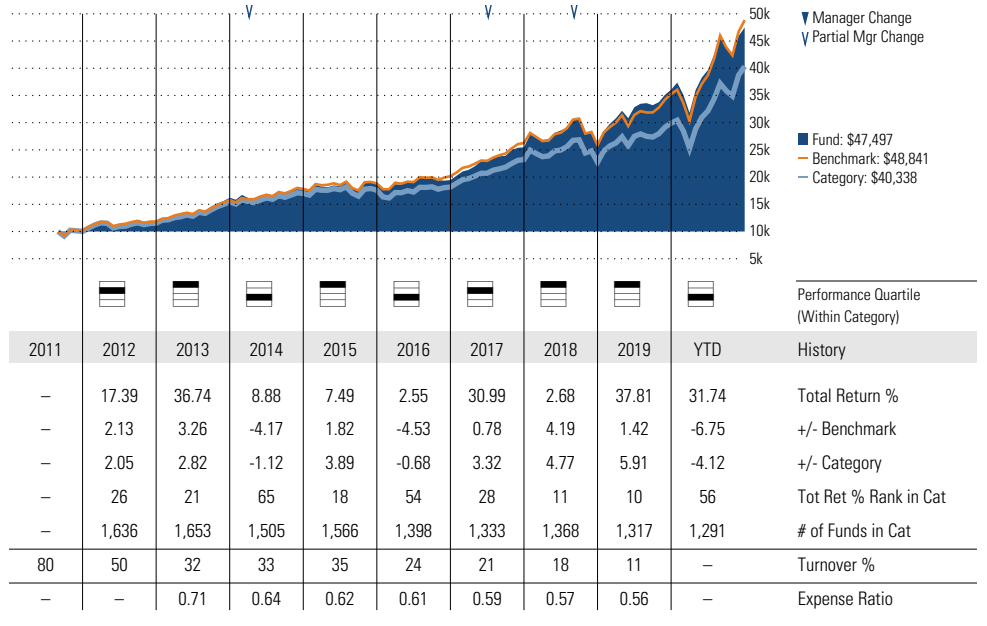
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.57 is 43% lower than the Large Growth category average.

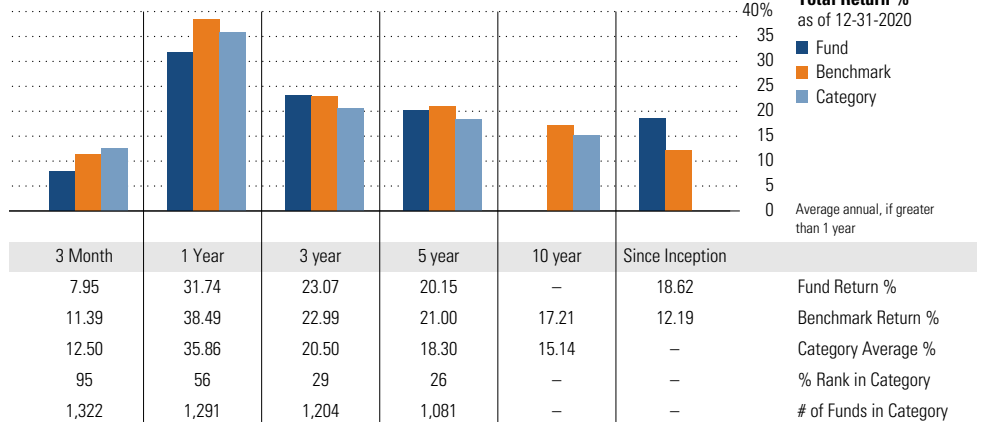
## Morningstar Investment Management LLC Analysis

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

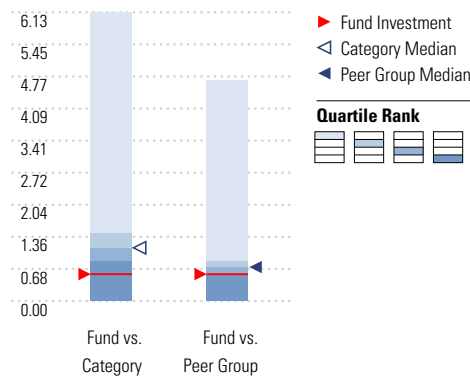
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	2.03	-	-1.35
Beta	0.90	-	0.98
R-Squared	97.13	-	94.31
Standard Deviation	18.20	19.92	20.14
Sharpe Ratio	1.15	1.06	0.96
Tracking Error	3.67	-	4.76
Information Ratio	0.02	-	-0.62
Up Capture Ratio	93.77	-	94.55
Down Capture Ratio	87.19	-	98.54

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	26.50	21.82	23.08
Price/Book Ratio	4.50	5.15	4.39
Geom Avg Mkt Cap \$B	50.98	55.71	72.96
ROE	20.27	27.80	23.94

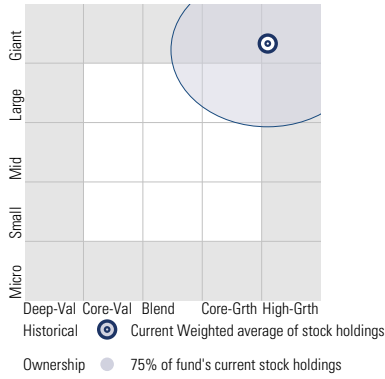
# MFS Growth R6 MFEKX

**Morningstar Category**  
Large Growth

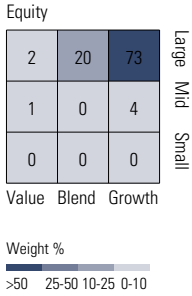
**Morningstar Index**  
Russell 1000 Growth TR USD

## Style Analysis as of 12-31-2020

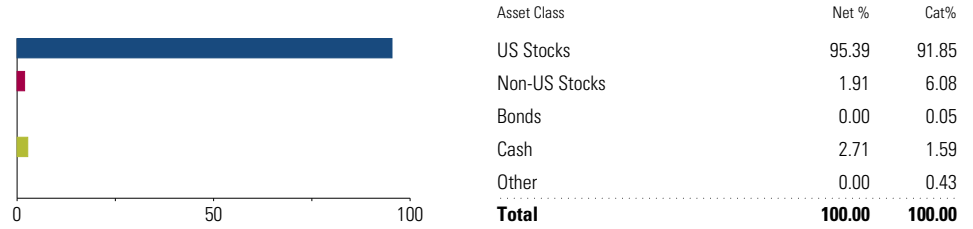
Morningstar Style Box™



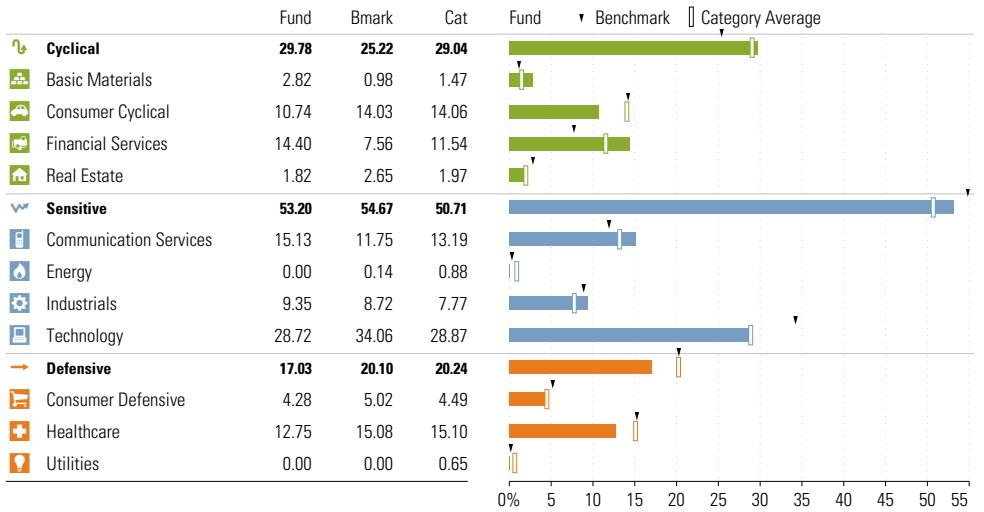
## Style Breakdown



## Asset Allocation as of 12-31-2020



## Sector Weighting as of 12-31-2020



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

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Microsoft Corp	8.53	8.53	42.37	Technology
⊕ Amazon.com Inc	5.54	14.06	76.26	Consumer Cyclical
⊕ Adobe Inc	4.71	18.77	51.64	Technology
⊕ Visa Inc Class A	4.60	23.37	17.06	Financial Services
⊕ Alphabet Inc A	4.21	27.58	30.85	Communication Svc
⊕ Mastercard Inc A	4.11	31.69	20.08	Financial Services
⊕ Currency Cash Cash_usd	2.71	34.39	—	—
⊕ Facebook Inc A	2.48	36.87	33.09	Communication Svc
⊕ Fiserv Inc	2.45	39.32	-1.53	Technology
⊕ Global Payments Inc	2.43	41.75	18.43	Industrials
⊖ Thermo Fisher Scientific Inc	2.32	44.07	43.65	Healthcare
⊕ Salesforce.com Inc	2.22	46.29	36.82	Technology
⊕ Fidelity National Information Services Inc	2.00	48.29	2.71	Technology
⊕ Netflix Inc	1.95	50.24	67.11	Communication Svc
⊕ Zoetis Inc Class A	1.90	52.14	25.65	Healthcare

**Total Holdings 74**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# MFS Massachusetts Investors Tr R6 MITJX

**Morningstar Category**  
Large Blend

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

## Portfolio Manager(s)

T. Kevin Beatty since 07-2004  
Edward (ted) Maloney since 04-2012  
Alison Mackey since 05-2018

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 16.51 years.

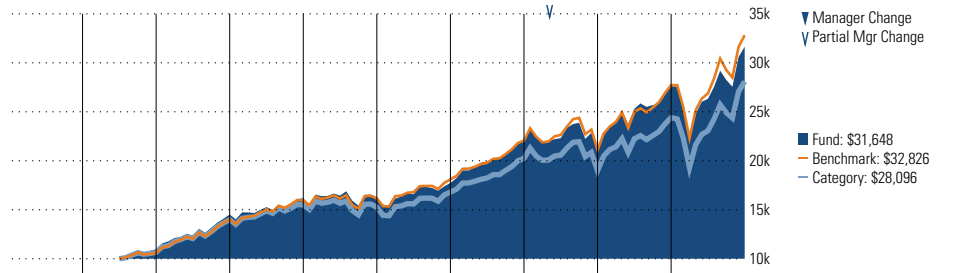
✘ **Style:** The fund has landed in its primary style box — Large Blend — 45.71 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.38 is 54.76% lower than the Large Blend category average.

## Morningstar Investment Management LLC Analysis

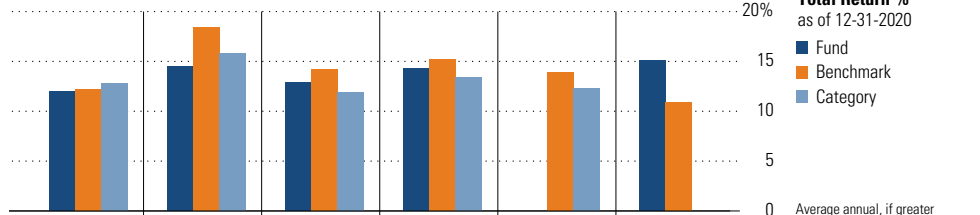
This fund fails our style consistency screen owing to frequent drift into the growth column of our style box. We're not concerned about this matter, as the drift has been slight, and the portfolio still represents a core strategy.

## Growth of \$10,000



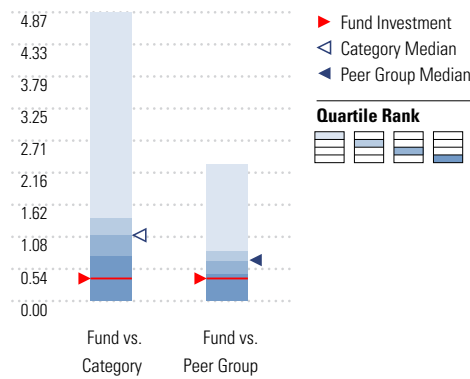
2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	History
-	-	32.35	11.36	0.58	9.15	23.93	-5.03	32.34	14.50	Total Return %
-	-	-0.04	-2.33	-0.80	-2.81	2.10	-0.65	0.85	-3.90	+/- Benchmark
-	-	0.85	0.40	1.65	-1.22	3.49	1.24	3.56	-1.33	+/- Category
-	-	63	36	35	68	11	40	14	62	Tot Ret % Rank in Cat
-	-	1,518	1,433	1,498	1,385	1,360	1,375	1,393	1,369	# of Funds in Cat
-	30	19	18	18	12	12	13	16	-	Turnover %
-	-	0.39	0.38	0.38	0.39	0.39	-	-	-	Expense Ratio

## Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	
12.01	14.50	12.90	14.25	-	15.14	Fund Return %
12.15	18.40	14.18	15.22	13.88	10.93	Benchmark Return %
12.81	15.83	11.89	13.39	12.28	-	Category Average %
58	62	48	42	-	-	% Rank in Category
1,458	1,369	1,237	1,078	-	-	# of Funds in Category

## Net Expense



Fund vs. Category	Fund vs. Peer Group	Percentile
20	17	
298/1525	149/880	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	-0.78	-	-1.82
Beta	0.97	-	0.98
R-Squared	98.32	-	95.80
Standard Deviation	18.41	18.79	18.73
Sharpe Ratio	0.67	0.72	0.61
Tracking Error	2.45	-	3.64
Information Ratio	-0.52	-	-1.14
Up Capture Ratio	94.23	-	92.86
Down Capture Ratio	96.34	-	99.18

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.34	18.71	17.87
Price/Book Ratio	2.83	2.74	2.65
Geom Avg Mkt Cap \$B	56.60	73.09	97.84
ROE	20.01	21.80	22.01

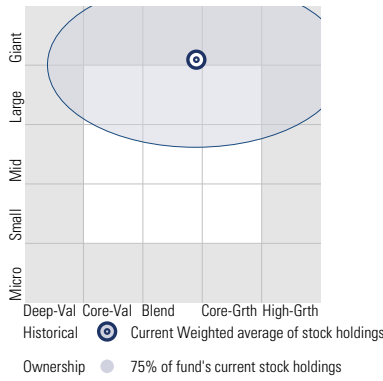
# MFS Massachusetts Investors Tr R6 MITJX

Morningstar Category  
Large Blend

Morningstar Index  
S&P 500 TR USD

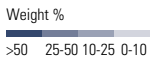
## Style Analysis as of 12-31-2020

Morningstar Style Box™

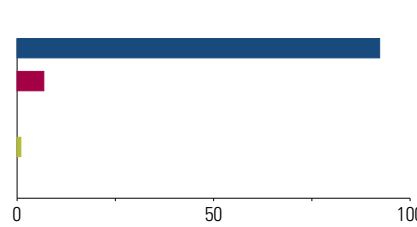


## Style Breakdown

Equity			Large	Mid	Small
25	35	30			
1	7	3			
0	0	0			
Value	Blend	Growth			



## Asset Allocation as of 12-31-2020



Asset Class	Net %	Cat%
US Stocks	92.25	94.75
Non-US Stocks	6.80	2.90
Bonds	0.00	2.83
Cash	0.96	-1.34
Other	0.00	0.86
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>29.94</b>	<b>28.49</b>	<b>31.12</b>			
Basic Materials	3.00	2.09	2.43			
Consumer Cyclical	7.26	9.60	9.79			
Financial Services	17.32	13.79	15.79			
Real Estate	2.36	3.01	3.11			
<b>Sensitive</b>	<b>42.56</b>	<b>44.28</b>	<b>43.06</b>			
Communication Services	10.92	10.74	9.81			
Energy	3.82	2.65	3.44			
Industrials	7.30	8.71	10.29			
Technology	20.52	22.18	19.52			
<b>Defensive</b>	<b>27.49</b>	<b>27.25</b>	<b>25.81</b>			
Consumer Defensive	10.74	8.14	7.94			
Healthcare	16.19	15.54	14.75			
Utilities	0.56	3.57	3.12			

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

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Alphabet Inc A	3.75	3.75	30.85	Communication Svc
Microsoft Corp	3.35	7.09	42.37	Technology
JPMorgan Chase & Co	2.74	9.83	-6.26	Financial Services
Medtronic PLC	2.59	12.42	5.26	Healthcare
Mastercard Inc A	2.59	15.01	20.08	Financial Services
Johnson & Johnson	2.55	17.56	10.62	Healthcare
Visa Inc Class A	2.50	20.06	17.06	Financial Services
American Tower Corp	2.34	22.40	-0.36	Real Estate
Fidelity National Information Services Inc	2.27	24.67	2.71	Technology
Bank of America Corp	2.15	26.82	-11.90	Financial Services
Thermo Fisher Scientific Inc	2.11	28.93	43.65	Healthcare
Honeywell International Inc	2.07	30.99	22.22	Industrials
Comcast Corp Class A	1.98	32.98	18.52	Communication Svc
Accenture PLC Class A	1.94	34.92	25.61	Technology
Becton, Dickinson and Co	1.91	36.83	-6.82	Healthcare

Total Holdings 76

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# MFS Mid Cap Growth R6 OTCKX

**Morningstar Category**  
Mid-Cap Growth

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

## Portfolio Manager(s)

Eric Fischman since 11-2008

Paul Gordon since 05-2011

## Quantitative Screens

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

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

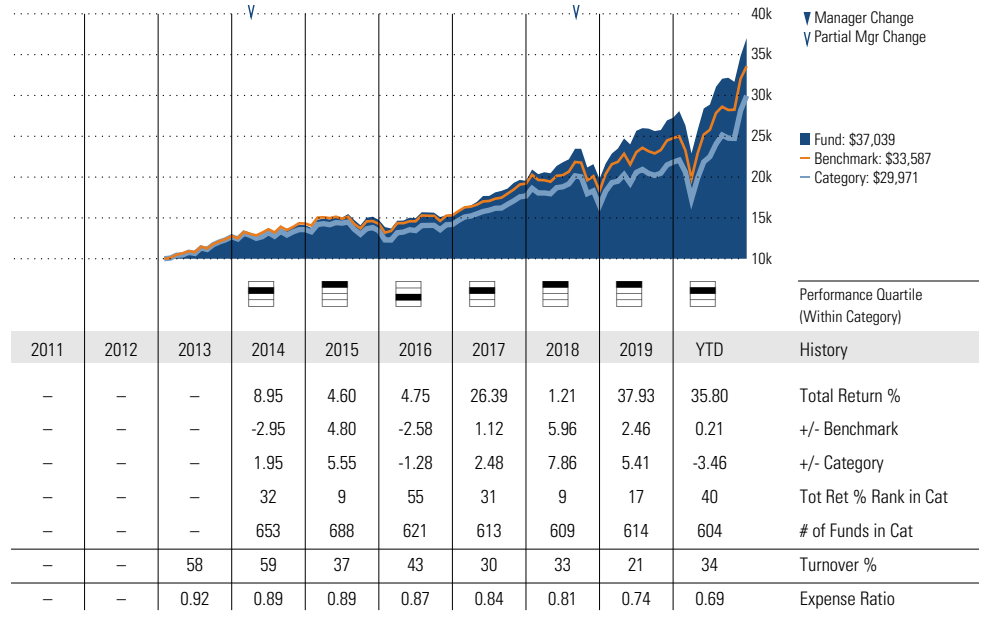
✔ **Style:** The fund has landed in its primary style box — Mid-Cap Growth — 100 % of the time over the past three years.

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

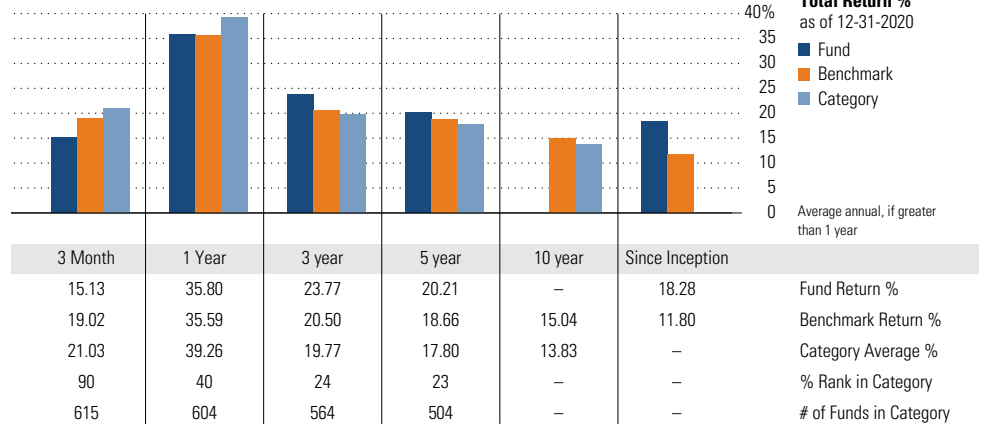
## Morningstar Investment Management LLC Analysis

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

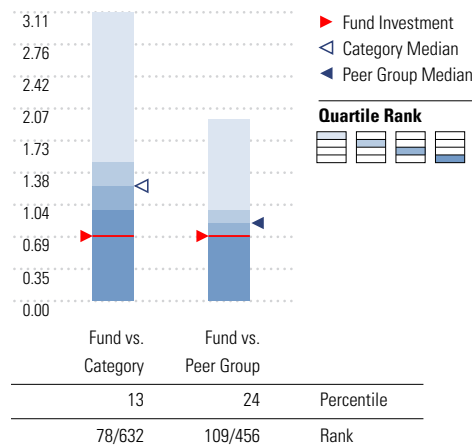
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

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

## Portfolio Metrics

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

# MFS Mid Cap Growth R6 OTCKX

Morningstar Category

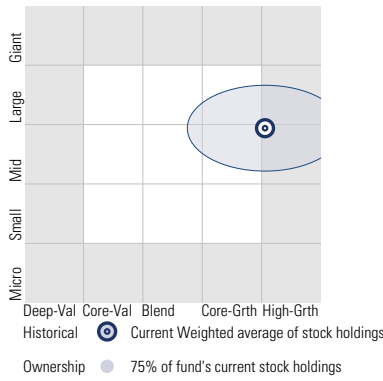
Mid-Cap Growth

Morningstar Index

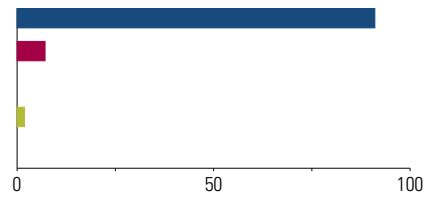
Russell Mid Cap Growth TR USD

## Style Analysis as of 12-31-2020

Morningstar Style Box™



## Asset Allocation as of 12-31-2020

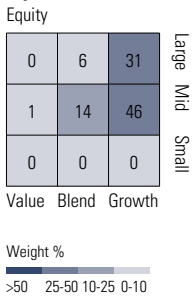


Asset Class	Net %	Cat%
US Stocks	91.03	92.13
Non-US Stocks	7.11	5.05
Bonds	0.00	0.05
Cash	1.86	2.46
Other	0.00	0.33
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>28.52</b>	<b>22.51</b>	<b>29.48</b>			
Basic Materials	2.61	1.40	2.42			
Consumer Cyclical	13.66	12.86	13.45			
Financial Services	7.48	4.36	9.00			
Real Estate	4.77	3.89	4.61			
<b>Sensitive</b>	<b>54.89</b>	<b>55.25</b>	<b>48.27</b>			
Communication Services	4.79	4.78	4.39			
Energy	0.28	0.73	1.15			
Industrials	23.68	17.54	15.84			
Technology	26.14	32.20	26.89			
<b>Defensive</b>	<b>16.60</b>	<b>22.25</b>	<b>22.25</b>			
Consumer Defensive	0.91	5.51	3.19			
Healthcare	15.69	16.74	18.46			
Utilities	0.00	0.00	0.60			

## Style Breakdown



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

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

Total Holdings 94

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# PIMCO Commodity Real Ret Strat Instl PCRIX

**Morningstar Category**  
Commodities Broad Basket

**Morningstar Index**  
Bloomberg Commodity TR USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 6 years.

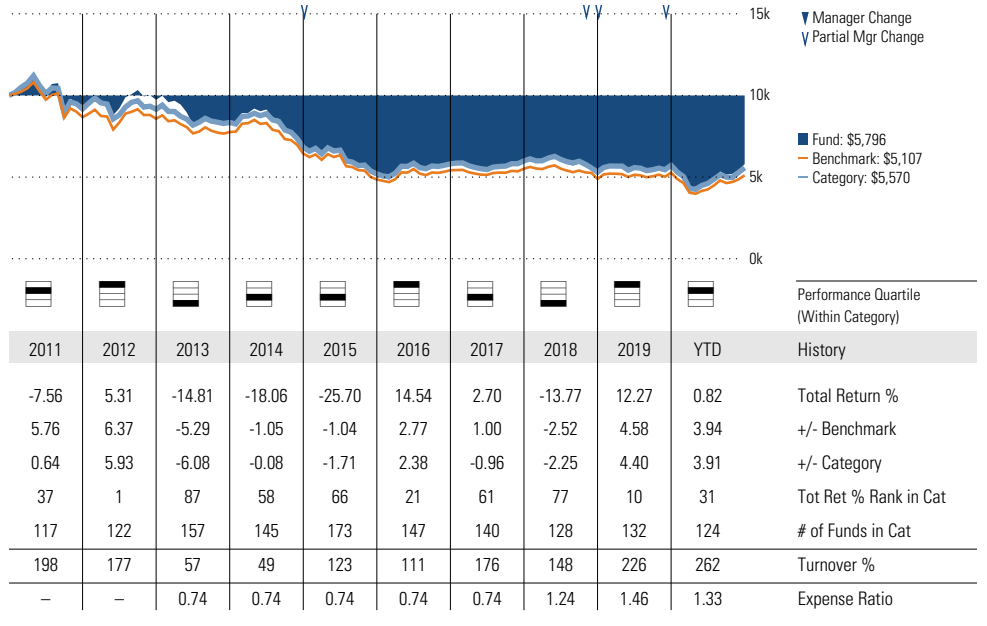
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 1.33 is 18.75% higher than the Commodities Broad Basket category average.

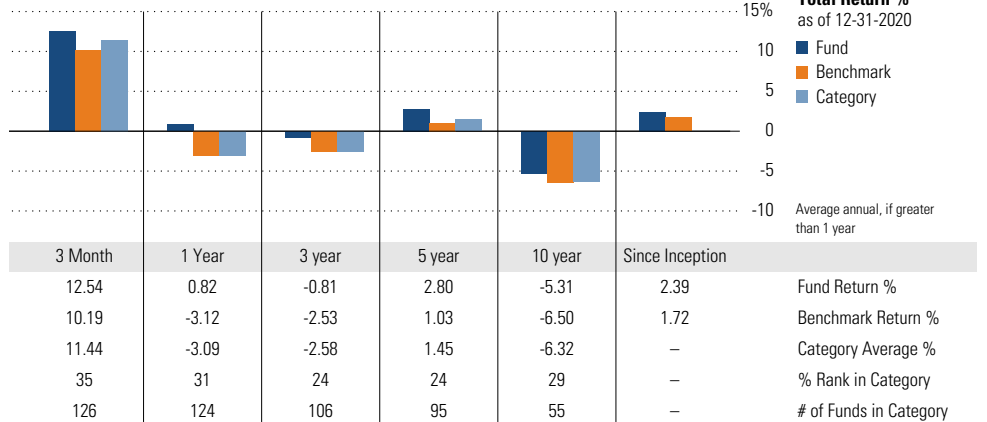
## Morningstar Investment Management LLC Analysis

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.

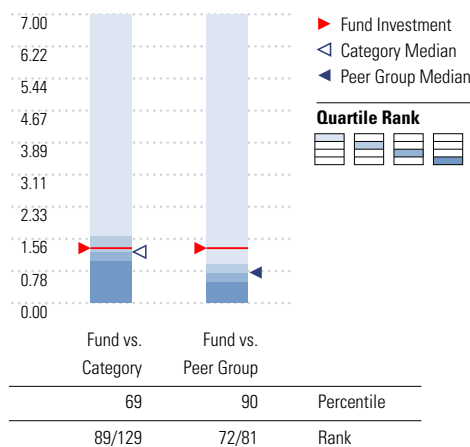
## Growth of \$10,000



## 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

Metric	Fund	Bmark	Cat
Alpha	2.69	-	0.62
Beta	1.22	-	1.10
R-Squared	96.28	-	83.48
Standard Deviation	17.63	14.13	17.28
Sharpe Ratio	-0.04	-0.22	-0.16
Tracking Error	4.65	-	7.46
Information Ratio	0.37	-	-0.02
Up Capture Ratio	122.15	-	111.48
Down Capture Ratio	110.17	-	110.38

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	12.32	-	17.61
Price/Book Ratio	1.51	-	2.09
Geom Avg Mkt Cap \$B	20.09	-	34.02
ROE	16.78	-	11.39

# PIMCO Commodity Real Ret Strat Instl PCRIX

**Morningstar Category**  
Commodities Broad Basket

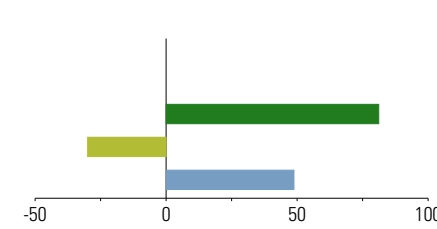
**Morningstar Index**  
Bloomberg Commodity TR USD

## Style Analysis as of 12-31-2020

Morningstar Style Box™

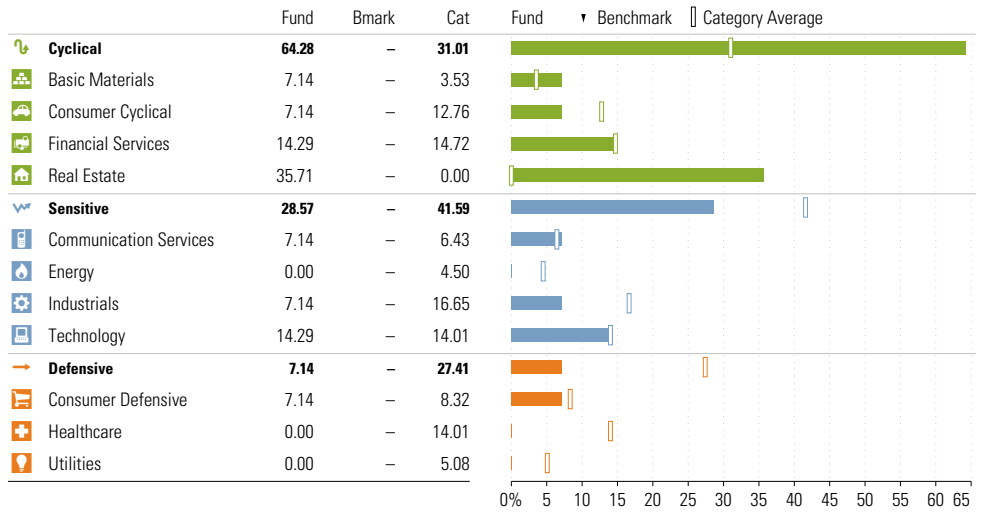


## Asset Allocation as of 12-31-2020



Asset Class	Net %	Cat%
US Stocks	0.00	2.73
Non-US Stocks	0.00	1.30
Bonds	81.15	22.39
Cash	-29.94	67.83
Other	48.80	5.75
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2020



## Style Breakdown



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

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Pimco Cayman Cmnty Fd Ltd Instl	27.77	27.77	-	-
⊕ Fin Fut Euro-Schatz 2yr Eux 03/06/20	20.39	48.16	-	-
⊖ United States Treasury Notes 0.12%	20.17	68.33	-	-
⊖ Offset: Unsettled Trades	16.63	84.96	-	-
✱ CashOffSet	15.01	99.97	-	-
⊕ Federal National Mortgage Association 4%	10.63	110.60	-	-
⊕ Trs R 2.26/912828k33 Myc	10.58	121.18	-	-
⊕ US Treasury Bond Future Mar 20	10.41	131.59	-	-
⊕ United States Treasury Bonds 2.38%	8.73	140.32	-	-
⊕ U S Tips Rev Repo	8.72	149.04	-	-
Irs Usd 2.25000 12/20/17-5y Cme	7.99	157.03	-	-
Irs Usd 2.40000 03/16/21-5y Cme	7.95	164.98	-	-
⊕ Irs Usd 2.25000 12/20/17-5y Cme	7.86	172.84	-	-
⊕ Irs Usd 2.40000 03/16/21-5y Cme	7.72	180.56	-	-
⊕ Fin Fut Eur-Bund 10yr Eux 03/06/20	7.12	187.68	-	-

**Total Holdings 863**

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# PIMCO Income Instl PIMIX

**Morningstar Category**  
Multisector Bond

**Morningstar Index**  
BBgBarc US Universal TR USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 13.77 years.

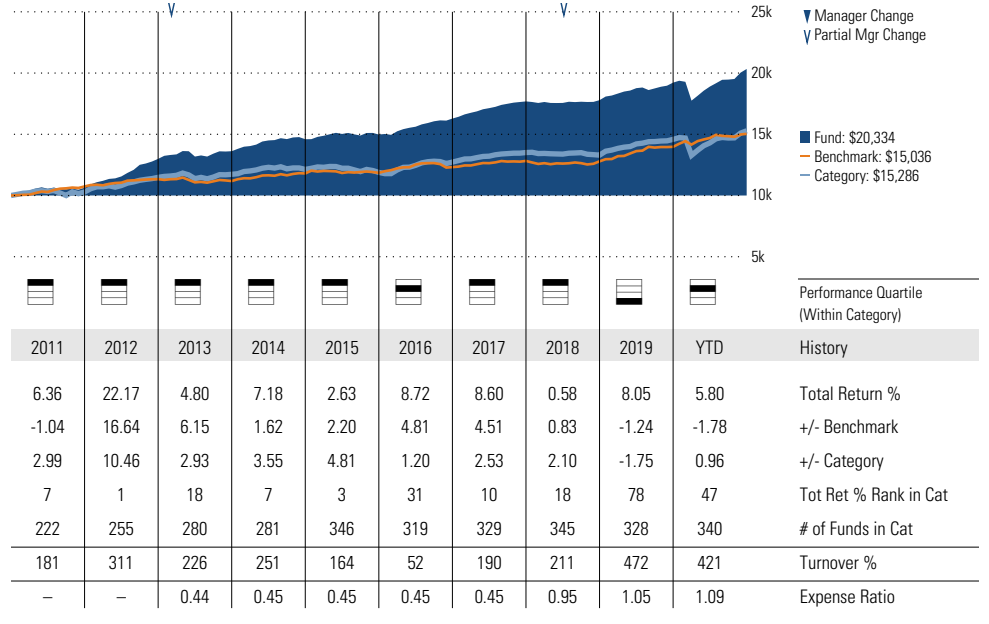
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 1.09 is 4.81% higher than the Multisector Bond category average.

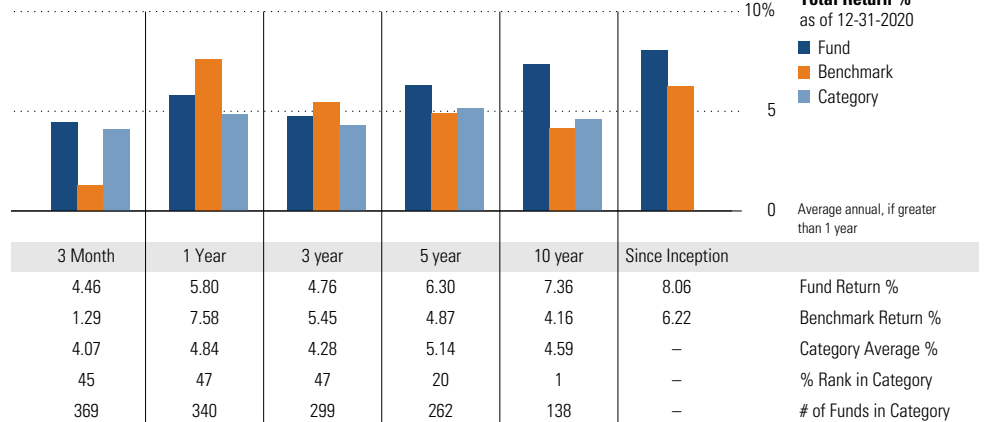
## Morningstar Investment Management LLC Analysis

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

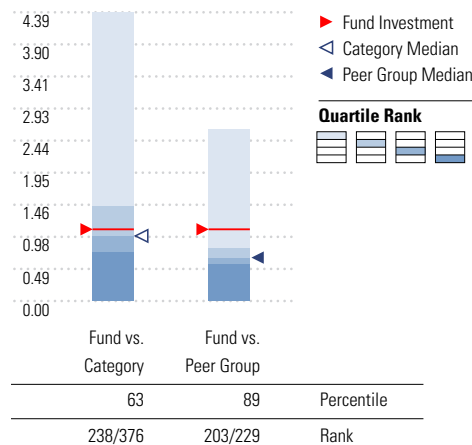
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.19	-	-2.35
Beta	0.86	-	1.30
R-Squared	26.50	-	36.27
Standard Deviation	5.78	3.45	7.84
Sharpe Ratio	0.57	1.13	0.45
Tracking Error	4.98	-	6.51
Information Ratio	-0.14	-	-0.17
Up Capture Ratio	86.71	-	104.77
Down Capture Ratio	85.05	-	157.93

## Portfolio Metrics

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

# PIMCO Income Instl PIMIX

**Morningstar Category**  
Multisector Bond

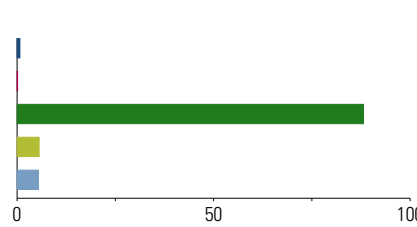
**Morningstar Index**  
BBgBarc US Universal TR USD

## Style Analysis as of 12-31-2020

### Style Breakdown



## Asset Allocation as of 12-31-2020



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

### Credit Rating Breakdown

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

## Sector Weighting as of 12-31-2020



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

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

**Total Holdings 7373**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# State St Russell Sm Cap® Gr Indx NL CI C

**Morningstar Category**  
Small Growth

**Morningstar Index**  
Russell 2000 Growth TR USD

## Portfolio Manager(s)

Management Team since 09-2009

## Quantitative Screens

✔ **Performance:** The fund has finished in the Small 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 11.33 years.

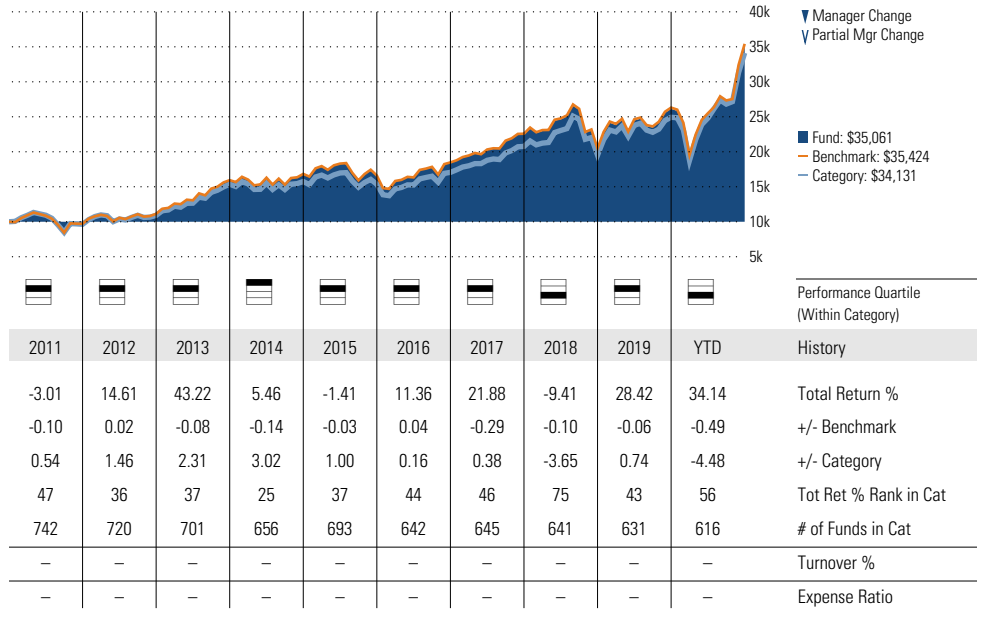
✔ **Style:** The fund has landed in its primary style box — Small Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.05 is 95.58% lower than the Small Growth category average.

## Morningstar Investment Management LLC Analysis

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

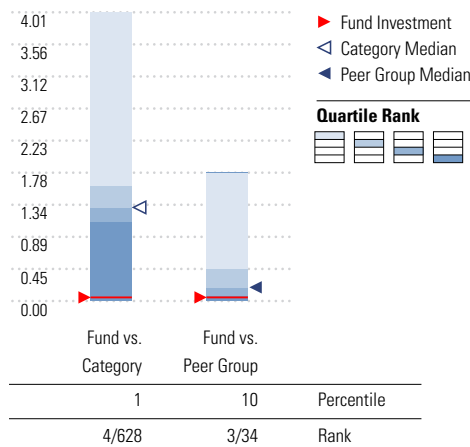
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.17	-	-1.35
Beta	1.00	-	0.97
R-Squared	100.00	-	96.46
Standard Deviation	25.45	25.46	25.27
Sharpe Ratio	0.65	0.66	0.59
Tracking Error	0.12	-	4.16
Information Ratio	-1.73	-	-0.49
Up Capture Ratio	99.66	-	95.61
Down Capture Ratio	100.15	-	100.13

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	25.99	24.72	-
Price/Book Ratio	4.11	3.88	-
Geom Avg Mkt Cap \$B	1.57	1.66	-
ROE	8.90	10.22	-

# State St Russell Sm Cap® Gr Indx NL CI C

Morningstar Category

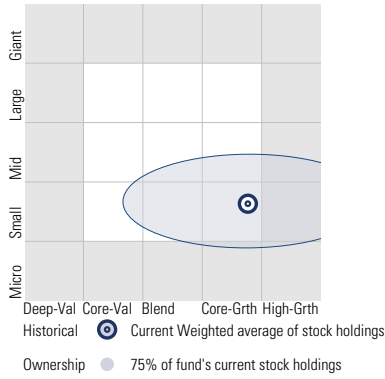
Small Growth

Morningstar Index

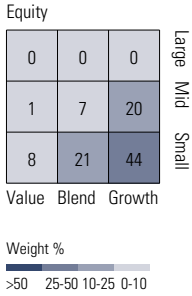
Russell 2000 Growth TR USD

## Style Analysis as of 12-31-2020

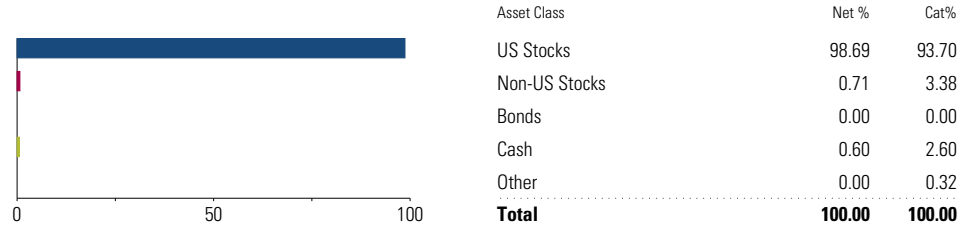
Morningstar Style Box™



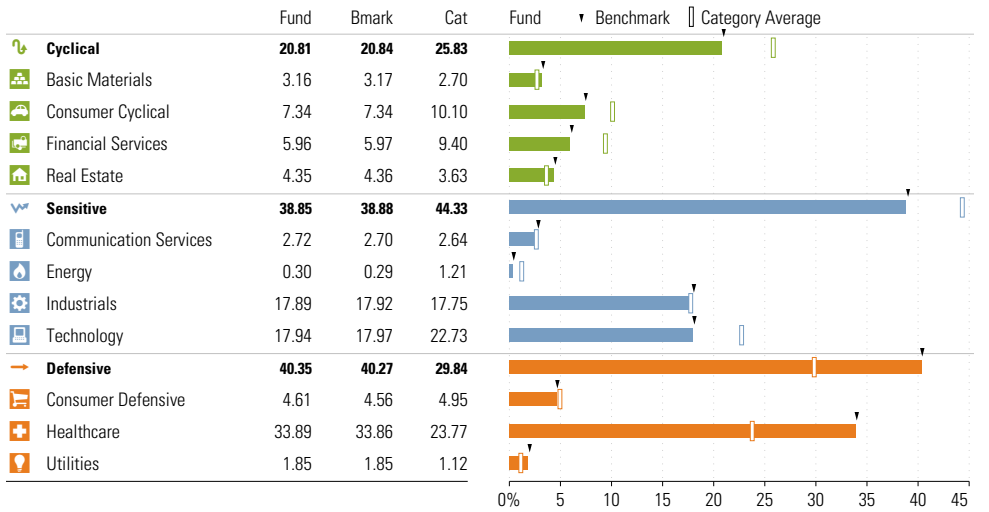
## Style Breakdown



## Asset Allocation as of 12-31-2020



## Sector Weighting as of 12-31-2020



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

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Teladoc Health Inc	1.39	1.39	138.84	Healthcare
⊖ NovoCure Ltd	0.72	2.11	105.34	Healthcare
⊖ Amedisys Inc	0.71	2.82	75.73	Healthcare
⊖ Generac Holdings Inc	0.71	3.53	126.08	Industrials
⊕ E-Mini Russ 2000 Jun20 Xcme 20200619	0.70	4.24	-	-
⊖ Repligen Corp	0.63	4.86	107.17	Healthcare
⊖ Haemonetics Corp	0.63	5.49	3.35	Healthcare
⊖ ACADIA Pharmaceuticals Inc	0.58	6.07	24.96	Healthcare
⊖ Trex Co Inc	0.58	6.65	86.29	Industrials
⊖ Five9 Inc	0.56	7.22	165.93	Technology
⊖ Science Applications International Corp	0.54	7.75	10.46	Technology
⊖ Chegg Inc	0.53	8.28	138.27	Consumer Defensive
⊖ LHC Group Inc	0.52	8.80	54.85	Healthcare
⊕ State Street Corporation Short Term Investment Fund	0.52	9.32	-	-
⊖ Axon Enterprise Inc	0.51	9.82	67.21	Industrials

**Total Holdings 1133**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# State St Russell Sm Cp® Val Indx NL CI C

**Morningstar Category**  
Small Value

**Morningstar Index**  
Russell 2000 Value TR USD

## Portfolio Manager(s)

Management Team since 09-2009

## Quantitative Screens

✔ **Performance:** The fund has finished in the Small 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 11.33 years.

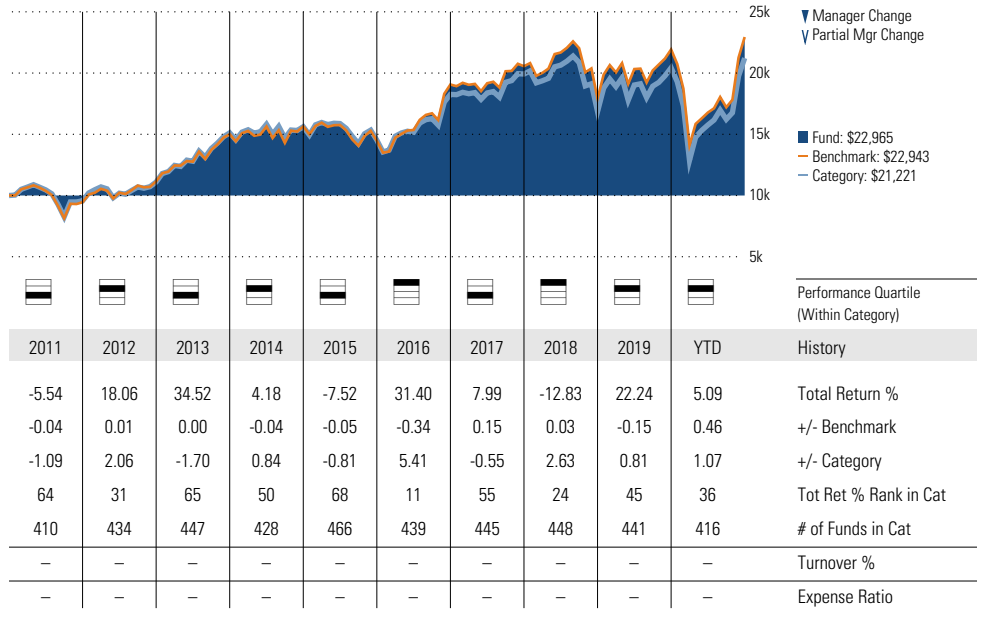
✔ **Style:** The fund has landed in its primary style box — Small Value — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.05 is 95.45% lower than the Small Value category average.

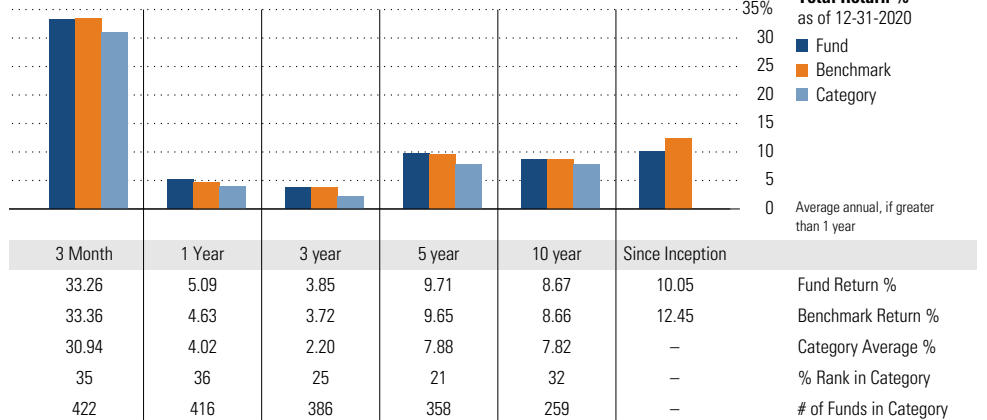
## Morningstar Investment Management LLC Analysis

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

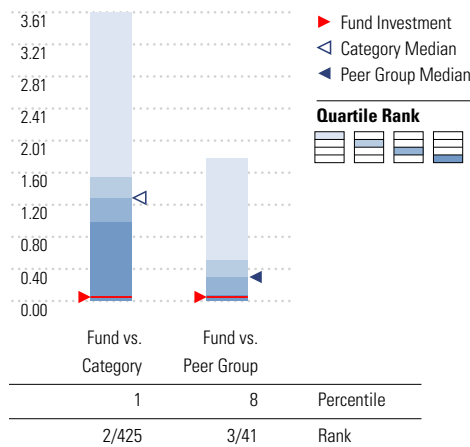
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.11	-	-1.28
Beta	0.99	-	1.01
R-Squared	99.99	-	97.35
Standard Deviation	26.29	26.49	27.19
Sharpe Ratio	0.22	0.22	0.17
Tracking Error	0.31	-	3.01
Information Ratio	0.40	-	-0.63
Up Capture Ratio	99.78	-	98.94
Down Capture Ratio	99.41	-	103.17

## Portfolio Metrics

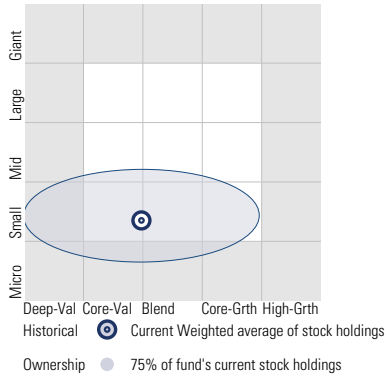
	Fund	Bmark	Cat
Price/Earnings Ratio	18.64	18.52	-
Price/Book Ratio	1.54	1.45	-
Geom Avg Mkt Cap \$B	1.32	1.34	-
ROE	5.85	6.22	-

# State St Russell Sm Cp® Val Indx NL CI C

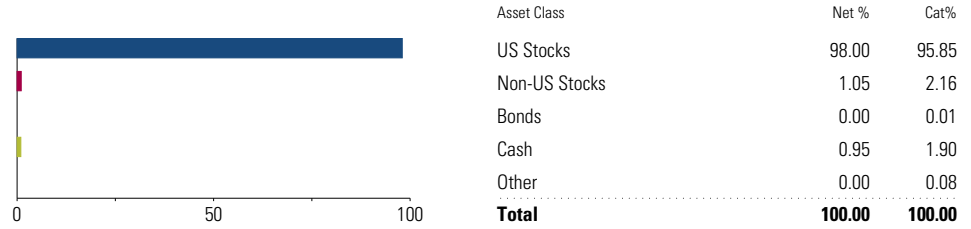
**Morningstar Category**  
Small Value

**Morningstar Index**  
Russell 2000 Value TR USD

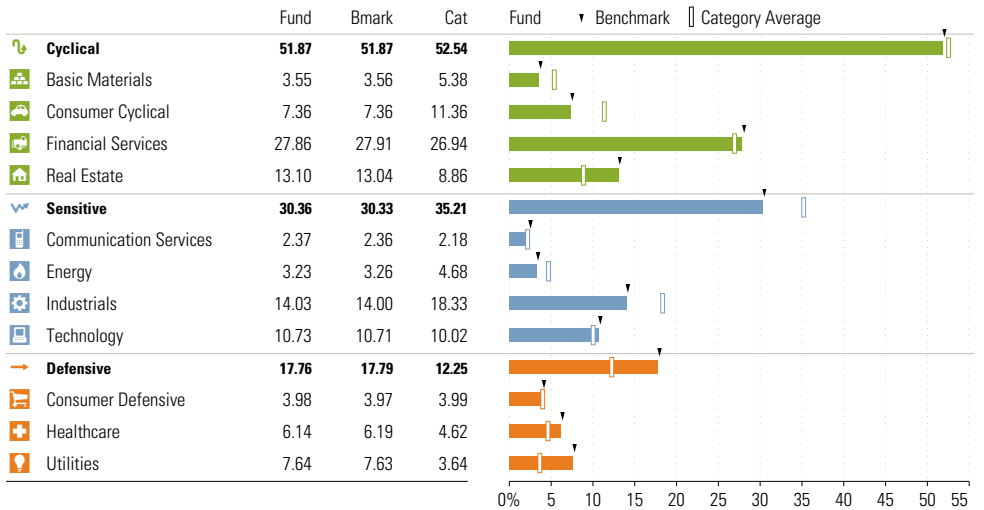
**Style Analysis** as of 12-31-2020  
Morningstar Style Box™



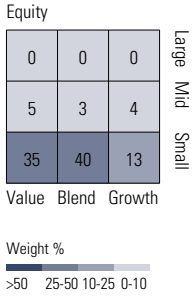
**Asset Allocation** as of 12-31-2020



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



**Style Breakdown**



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

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ State Street Corporation Short Term Investment Fund	0.88	0.88	-	-
⊕ Lumentum Holdings Inc	0.83	1.71	19.55	Technology
⊕ Tech Data Corp	0.70	2.41	-	Technology
⊕ Rexford Industrial Realty Inc	0.70	3.10	9.42	Real Estate
⊕ ONE Gas Inc	0.66	3.76	-15.65	Utilities
⊕ E-Mini Russ 2000 Jun20 Xcme 20200619	0.65	4.42	-	-
⊕ Portland General Electric Co	0.65	5.06	-20.50	Utilities
⊕ FTI Consulting Inc	0.61	5.67	0.96	Industrials
⊕ Black Hills Corp	0.58	6.25	-19.00	Utilities
⊕ Cirrus Logic Inc	0.57	6.83	-0.25	Technology
⊕ Spire Inc	0.56	7.39	-20.11	Utilities
⊕ Healthcare Realty Trust Inc	0.55	7.94	-7.70	Real Estate
⊕ Stag Industrial Inc	0.51	8.45	3.77	Real Estate
⊕ Southwest Gas Holdings Inc	0.50	8.95	-17.07	Utilities
⊕ First Industrial Realty Trust Inc	0.50	9.44	3.90	Real Estate

**Total Holdings 1347**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Templeton Global Bond R6 FBNRX

**Morningstar Category**  
Nontraditional Bond

**Morningstar Index**  
BBgBarc US Govt/Credit 5-10 Yr TR USD

## Portfolio Manager(s)

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

## Quantitative Screens

✗ **Performance:** The fund has finished in the Nontraditional Bond category's top three quartiles in 4 of the 7 years it's been in existence.

✔ **Management:** The fund's management has been in place for 19.01 years.

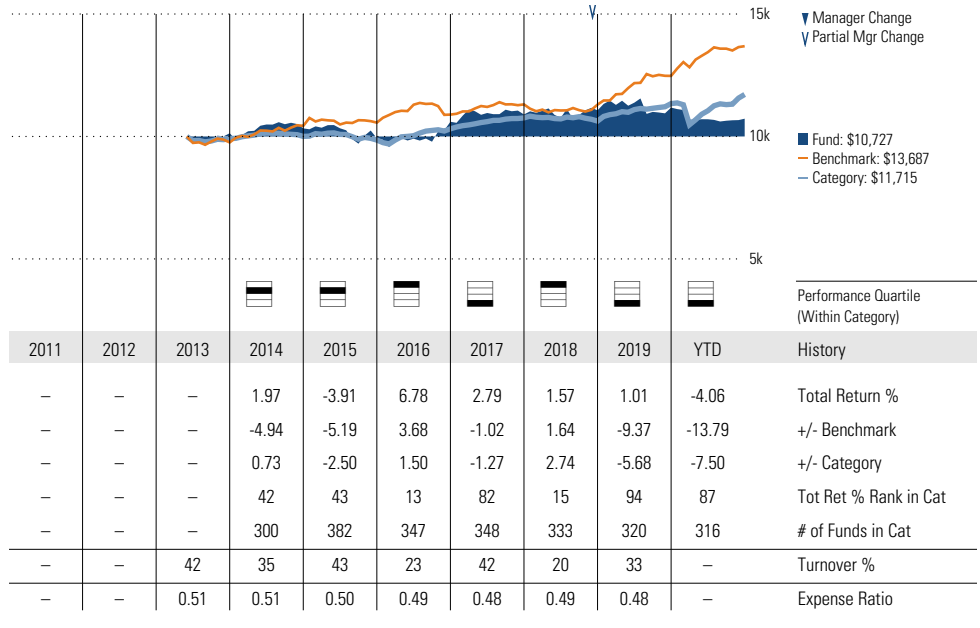
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.56 is 55.56% lower than the Nontraditional Bond category average.

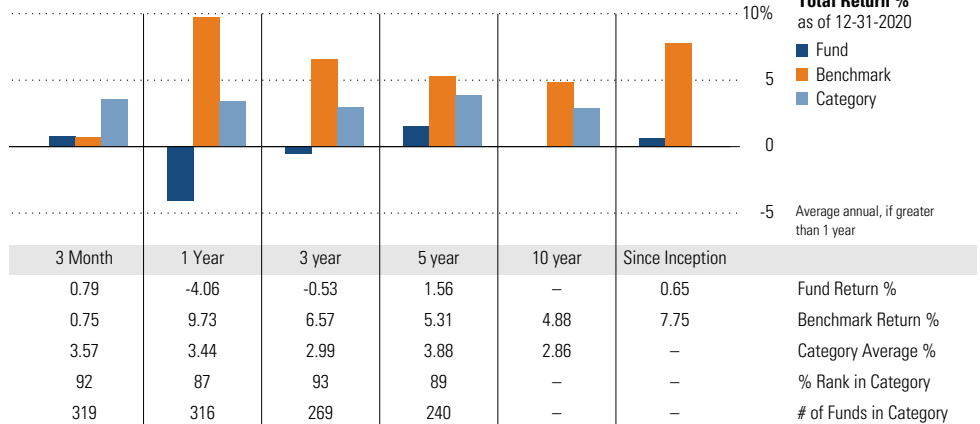
## Morningstar Investment Management LLC Analysis

We are placing this fund on watch due to concerns about its fit for retirement plans and performance. In spite of its global-bond name, this fund's distinctive strategy is such that it has few comparable peers and does not fit particularly well in any Morningstar category. It had been categorized as a world bond fund and in August 2019 was recategorized to the nontraditional bond Morningstar Category. When the change occurred, we retained the fund under fiduciary coverage as we continued to review its role in retirement lineups and its performance characteristics. The fund has continued to provide inconsistent exposure to world bonds and its returns relative to both the world bond and nontraditional bond categories have been uneven, with low-ranking trailing returns.

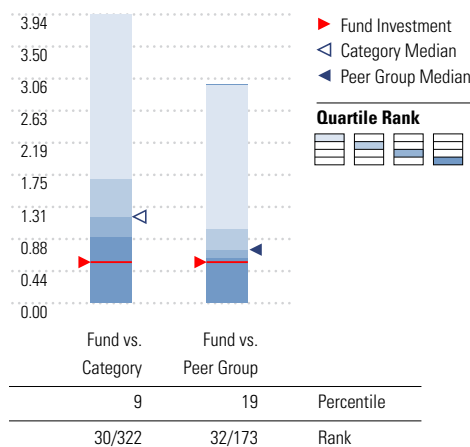
## Growth of \$10,000



## 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	2.73	-	0.02
Beta	-0.48	-	0.49
R-Squared	10.24	-	14.48
Standard Deviation	6.11	4.11	6.58
Sharpe Ratio	-0.30	1.21	0.30
Tracking Error	8.38	-	6.75
Information Ratio	-0.85	-	-0.57
Up Capture Ratio	-19.06	-	52.32
Down Capture Ratio	-43.62	-	66.86

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	-1.01	6.37	0.62
Avg Eff Maturity	1.54	7.30	7.41

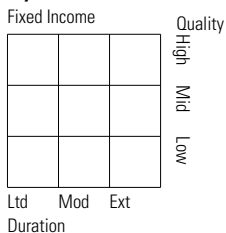
# Templeton Global Bond R6 FBNRX

**Morningstar Category**  
Nontraditional Bond

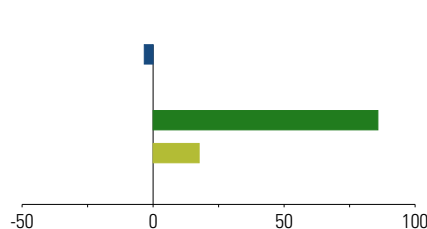
**Morningstar Index**  
BBgBarc US Govt/Credit 5-10 Yr TR USD

## Style Analysis as of 12-31-2020

### Style Breakdown



## Asset Allocation as of 12-31-2020

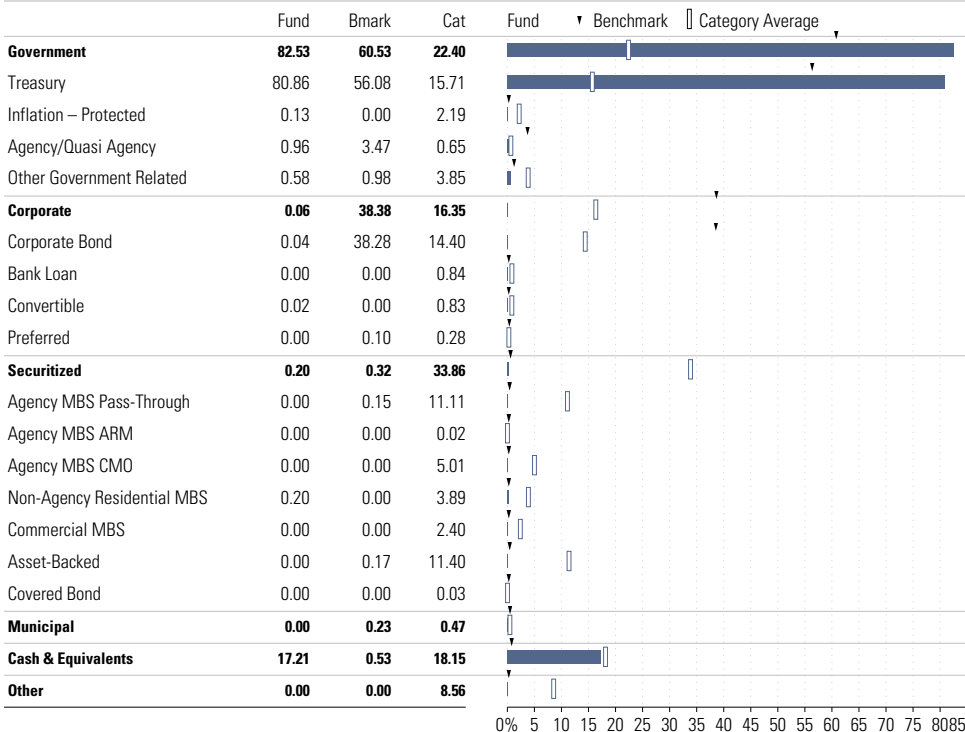


Asset Class	Net %	Cat%
US Stocks	-3.37	0.07
Non-US Stocks	0.00	0.15
Bonds	85.80	88.21
Cash	17.57	12.67
Other	0.00	-1.08
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	31.30	57.60	25.27
AA	5.38	6.60	8.23
A	23.10	17.44	16.97
BBB	25.38	18.36	16.53
BB	12.73	0.00	14.37
B	2.15	0.00	9.11
Below B	2.41	0.00	5.08
Not Rated	-2.44	0.00	4.43

## Sector Weighting as of 12-31-2020



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

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
Mexico (United Mexican States) 8%	06-2020	9.31	9.31	–
United States Treasury Notes 1.75%	12-2024	9.00	18.31	–
⊖ Franklin IFT Money Market	–	7.47	25.78	–
United States Treasury Notes 1.5%	09-2021	6.45	32.23	–
Mexico (United Mexican States) 6.5%	06-2021	5.72	37.95	–
⊕ Otc Securitized Margin Cash -	02-2049	5.16	43.11	–
Brazil (Federative Republic) 10%	01-2021	3.39	46.49	–
Brazil (Federative Republic) 10%	01-2023	3.30	49.79	–
India (Republic of) 8.83%	11-2023	2.57	52.36	–
Secretaria Tesouro Nacional 0%	07-2020	2.13	54.49	–

**Total Holdings 262**

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# Vanguard 500 Index Admiral VFIAX

**Morningstar Category**  
Large Blend

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

## Portfolio Manager(s)

Donald Butler since 04-2016

Michelle Louie since 11-2017

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 4.68 years.

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

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

## Morningstar Investment Management LLC Analysis

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

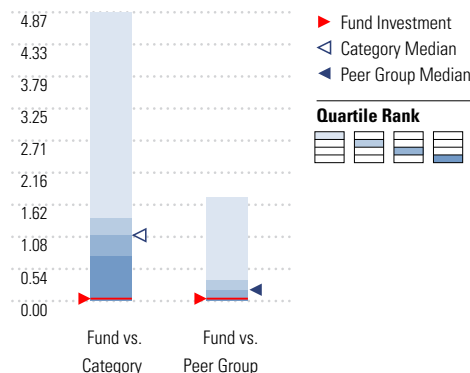
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.03	-	-1.82
Beta	1.00	-	0.98
R-Squared	100.00	-	95.80
Standard Deviation	18.80	18.79	18.73
Sharpe Ratio	0.72	0.72	0.61
Tracking Error	0.01	-	3.64
Information Ratio	-3.67	-	-1.14
Up Capture Ratio	99.94	-	92.86
Down Capture Ratio	100.06	-	99.18

## Portfolio Metrics

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

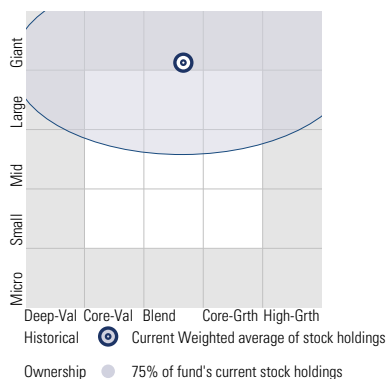
# Vanguard 500 Index Admiral VFIAX

**Morningstar Category**  
Large Blend

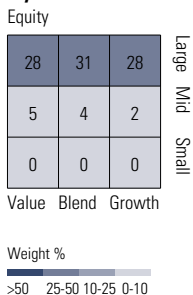
**Morningstar Index**  
S&P 500 TR USD

## Style Analysis as of 12-31-2020

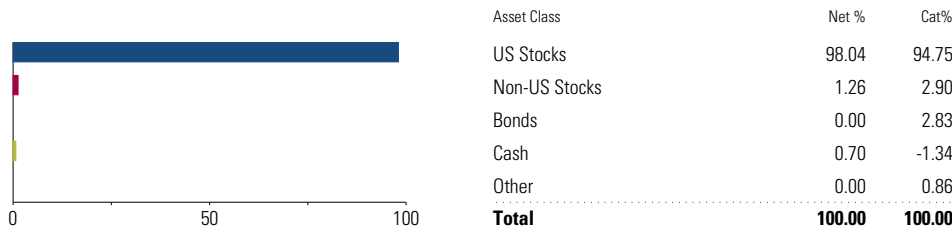
Morningstar Style Box™



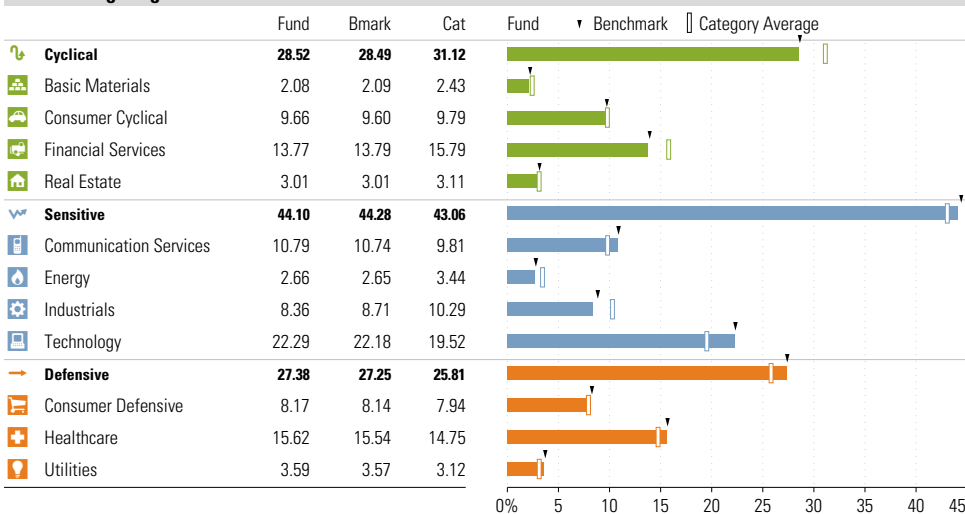
## Style Breakdown



## Asset Allocation as of 12-31-2020



## Sector Weighting as of 12-31-2020



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

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

**Total Holdings 514**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Inflation-Protected Secs Adm VAIPX

**Morningstar Category**  
Inflation-Protected Bond

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

## Portfolio Manager(s)

Gemma Wright-Casparius since 08-2011

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 9.38 years.

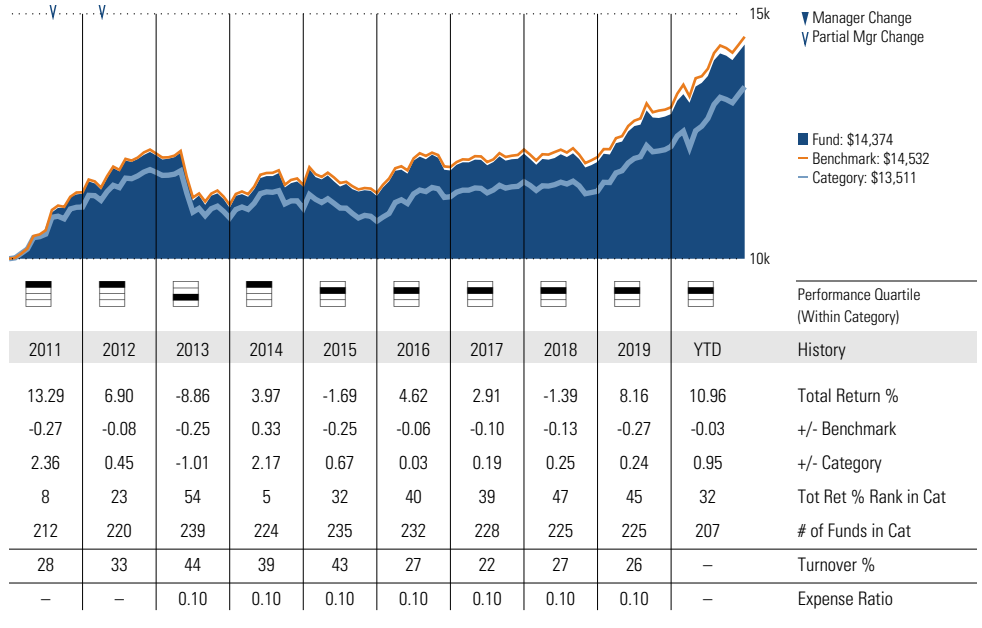
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.1 is 85.07% lower than the Inflation-Protected Bond category average.

## Morningstar Investment Management LLC Analysis

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

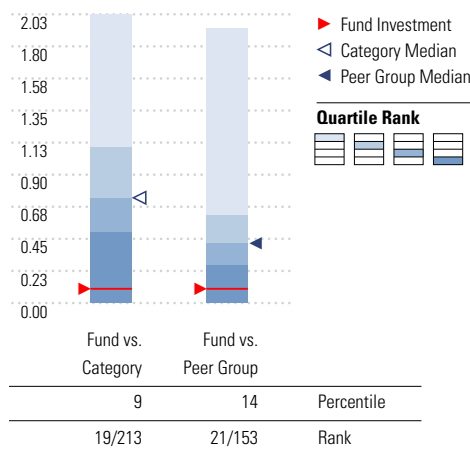
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.21	-	-0.39
Beta	0.94	-	0.92
R-Squared	98.30	-	78.57
Standard Deviation	3.67	3.87	4.23
Sharpe Ratio	1.13	1.11	0.88
Tracking Error	0.53	-	2.14
Information Ratio	-0.27	-	-0.56
Up Capture Ratio	96.01	-	88.69
Down Capture Ratio	93.03	-	95.83

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	7.26	4.52	6.80
Avg Eff Maturity	8.10	-	7.67

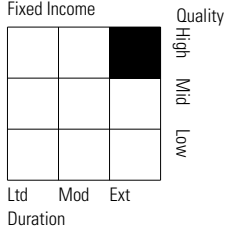
# Vanguard Inflation-Protected Secs Adm VAIPX

**Morningstar Category**  
Inflation-Protected Bond

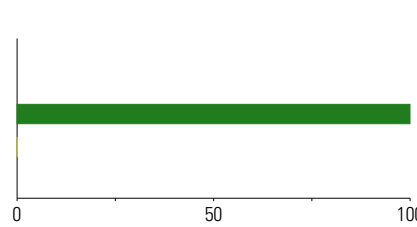
**Morningstar Index**  
BBgBarc US Treasury US TIPS TR USD

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

**Style Breakdown**



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

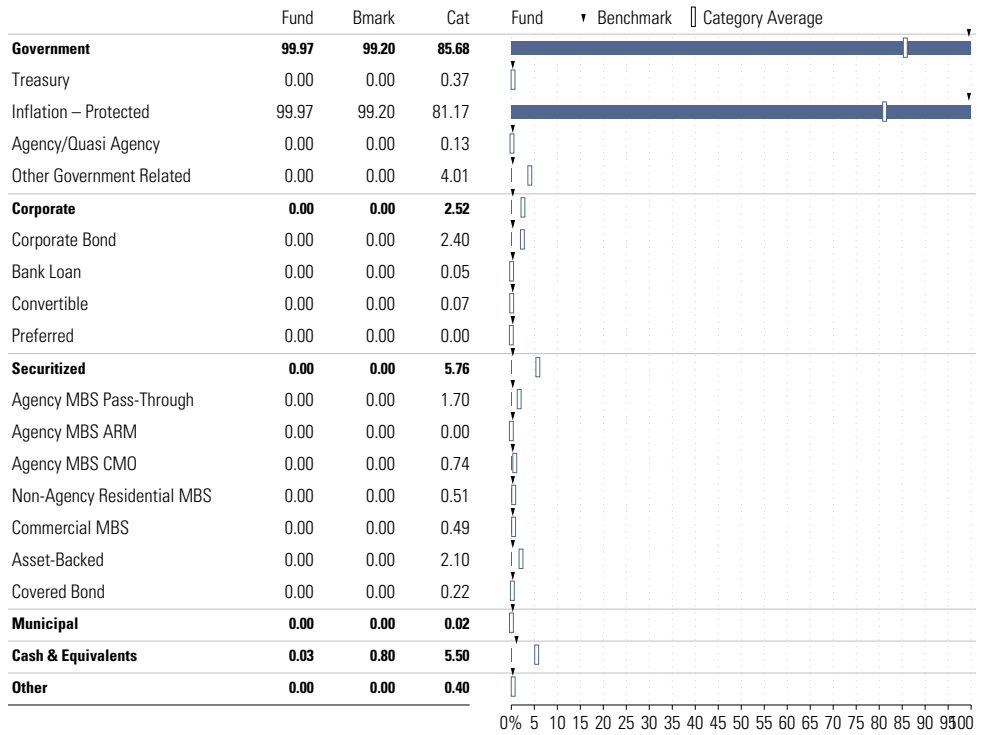


Asset Class	Net %	Cat%
US Stocks	0.00	-0.02
Non-US Stocks	0.00	0.01
Bonds	99.97	96.97
Cash	0.03	2.11
Other	0.00	0.93
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Credit Rating Breakdown**

	Fund	Bmark	Cat
AAA	100.00	0.00	93.81
AA	0.00	99.60	0.30
A	0.00	0.00	1.87
BBB	0.00	0.00	2.12
BB	0.00	0.00	0.37
B	0.00	0.00	0.08
Below B	0.00	0.00	0.02
Not Rated	0.00	0.40	1.43

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



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

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Notes 0.12%	10-2024	6.14	6.14	–
United States Treasury Notes 0.62%	04-2023	3.57	9.71	–
⊖ United States Treasury Notes 0.38%	07-2025	3.50	13.21	–
United States Treasury Notes 0.25%	01-2025	3.49	16.70	–
United States Treasury Notes 0.62%	01-2024	3.48	20.18	–
United States Treasury Notes 0.38%	07-2023	3.48	23.66	–
United States Treasury Notes 0.12%	01-2023	3.42	27.08	–
United States Treasury Notes 0.12%	07-2024	3.40	30.47	–
⊕ United States Treasury Notes 0.12%	01-2030	3.29	33.77	–
⊕ United States Treasury Notes 0.62%	01-2026	3.21	36.97	–

**Total Holdings 43**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard International Value Inv VTRIX

**Morningstar Category**  
Foreign Large Value

**Morningstar Index**  
MSCI EAFE NR USD

## Portfolio Manager(s)

Michael Bennett since 05-2010  
Michael Fry since 05-2010  
Bryan Cheng since 08-2012  
Steven Morrow since 08-2012  
Arjun Kumar since 10-2020  
Shirley Woo since 10-2020

## Quantitative Screens

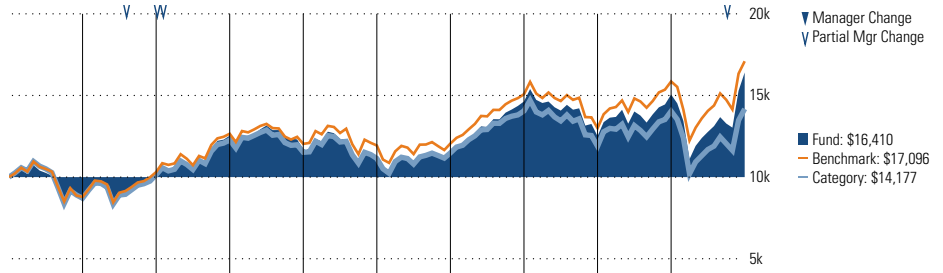
✔ **Performance:** The fund has finished in the Foreign Large Value category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 10.6 years.

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

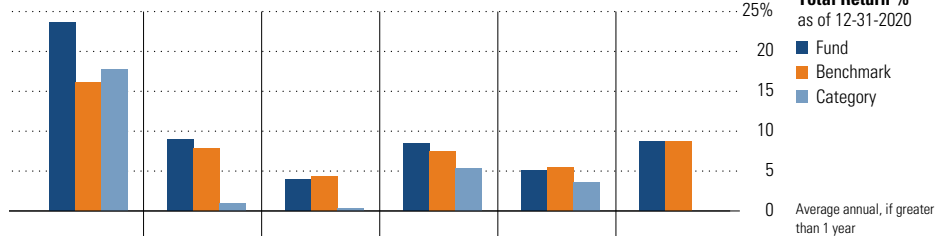
✔ **Net Expense:** The fund's expense ratio of 0.38 is 64.49% lower than the Foreign Large Value category average.

## Growth of \$10,000



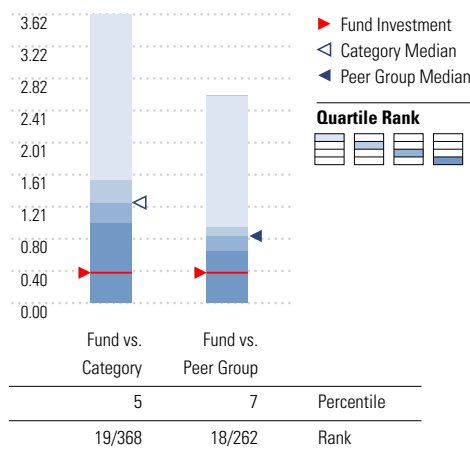
2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	History
-14.58	20.18	22.15	-6.69	-6.44	4.46	27.96	-14.52	20.39	8.99	Total Return %
-2.44	2.86	-0.63	-1.79	-5.63	3.46	2.93	-0.73	-1.62	1.17	+/- Benchmark
-1.81	3.97	1.34	-0.37	-3.34	1.12	5.88	0.92	2.59	8.11	+/- Category
72	16	43	53	79	30	8	34	21	5	Tot Ret % Rank in Cat
369	369	353	350	396	364	357	355	364	353	# of Funds in Cat
39	53	52	37	36	30	34	28	38	72	Turnover %
-	-	0.43	0.44	0.46	0.43	0.40	0.38	0.37	0.35	Expense Ratio

## Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	
23.57	8.99	3.90	8.43	5.08	8.66	Fund Return %
16.05	7.82	4.28	7.45	5.51	8.66	Benchmark Return %
17.68	0.88	0.37	5.34	3.61	-	Category Average %
8	5	5	3	13	-	% Rank in Category
367	353	323	281	184	-	# 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	-0.50	-	-4.02
Beta	1.09	-	1.08
R-Squared	96.48	-	94.07
Standard Deviation	20.05	18.14	20.20
Sharpe Ratio	0.21	0.24	0.04
Tracking Error	4.07	-	5.39
Information Ratio	-0.09	-	-0.82
Up Capture Ratio	103.97	-	98.67
Down Capture Ratio	106.16	-	115.94

## Portfolio Metrics

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

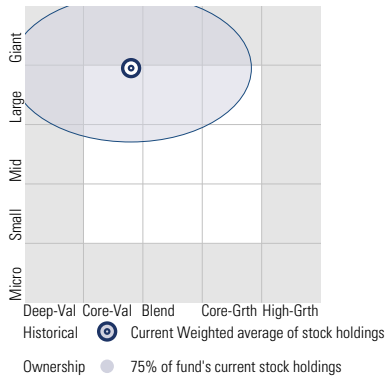
# Vanguard International Value Inv VTRIX

**Morningstar Category**  
Foreign Large Value

**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 12-31-2020

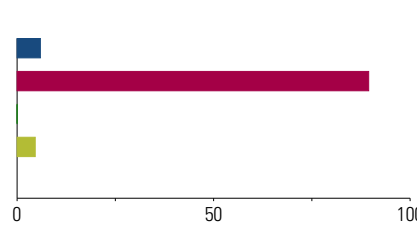
Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 12-31-2020

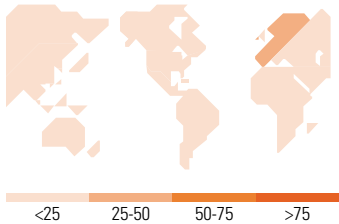


Asset Class	Net %	Cat%
US Stocks	5.92	2.38
Non-US Stocks	89.46	95.05
Bonds	0.01	0.22
Cash	4.61	2.27
Other	0.00	0.08
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2020

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

## World Regions % Equity 12-31-2020



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

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

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

**Total Holdings 153**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard 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)

Management Team since 09-1994

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 26.27 years.

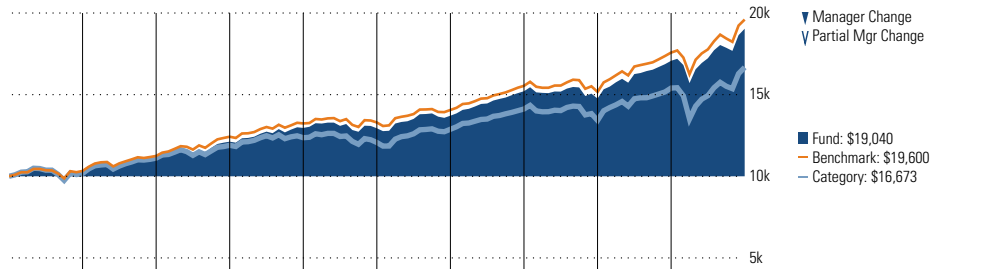
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.12 is 88.35% lower than the Allocation--30% to 50% Equity category average.

## Morningstar Investment Management LLC Analysis

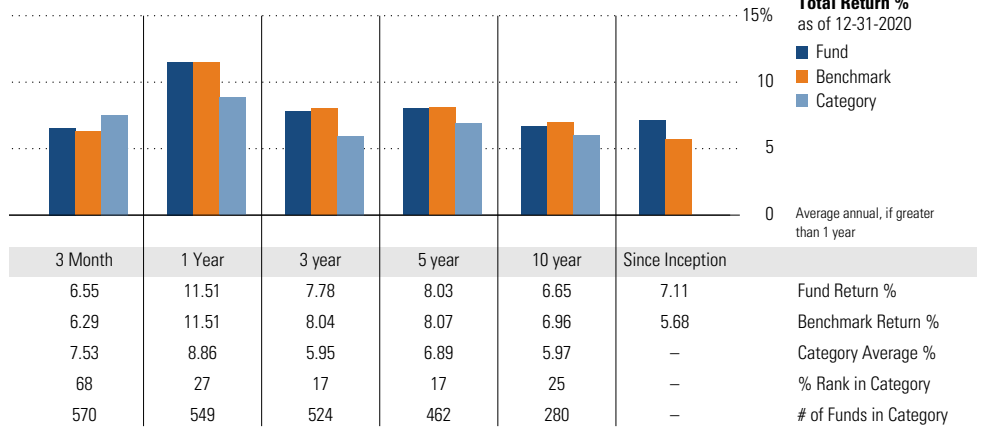
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Growth of \$10,000

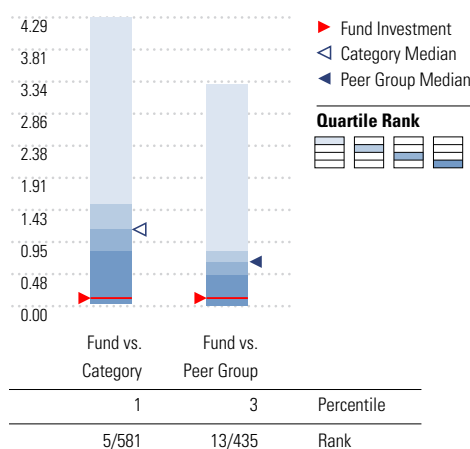


	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	Performance Quartile (Within Category)
	1.76	9.19	9.08	6.95	-0.17	5.96	10.92	-2.95	15.68	11.51	History
	-1.51	0.29	-1.39	0.40	-0.62	0.19	0.41	-0.54	-0.21	0.00	Total Return %
	0.06	-0.21	1.85	2.93	2.15	-0.66	1.06	2.09	0.87	2.65	+/- Benchmark
	48	57	33	9	12	54	30	14	36	27	+/- Category
	516	525	599	583	635	600	589	610	585	549	Tot Ret % Rank in Cat
	46	15	19	15	16	9	6	11	9	23	# of Funds in Cat
	-	-	-	-	-	-	-	-	-	-	Turnover %
	-	-	-	-	-	-	-	-	-	-	Expense Ratio

## 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	-0.32	-	-3.43
Beta	1.01	-	1.21
R-Squared	99.26	-	92.68
Standard Deviation	7.92	7.81	9.88
Sharpe Ratio	0.79	0.83	0.51
Tracking Error	0.69	-	3.39
Information Ratio	-0.39	-	-0.71
Up Capture Ratio	97.91	-	101.54
Down Capture Ratio	99.20	-	130.69

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.77	-	18.06
Price/Book Ratio	2.19	-	2.35
Avg Eff Duration	6.77	-	4.21

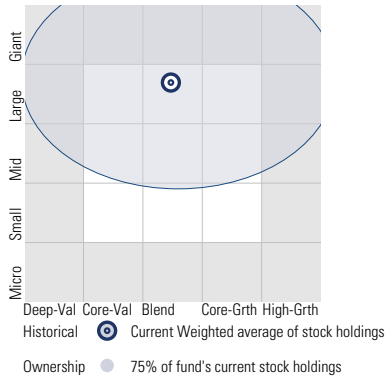
# Vanguard LifeStrategy Cnsvr Gr Inv VSCGX

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

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

## Style Analysis as of 12-31-2020

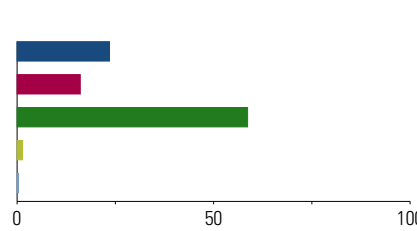
Morningstar Style Box™



## Style Breakdown

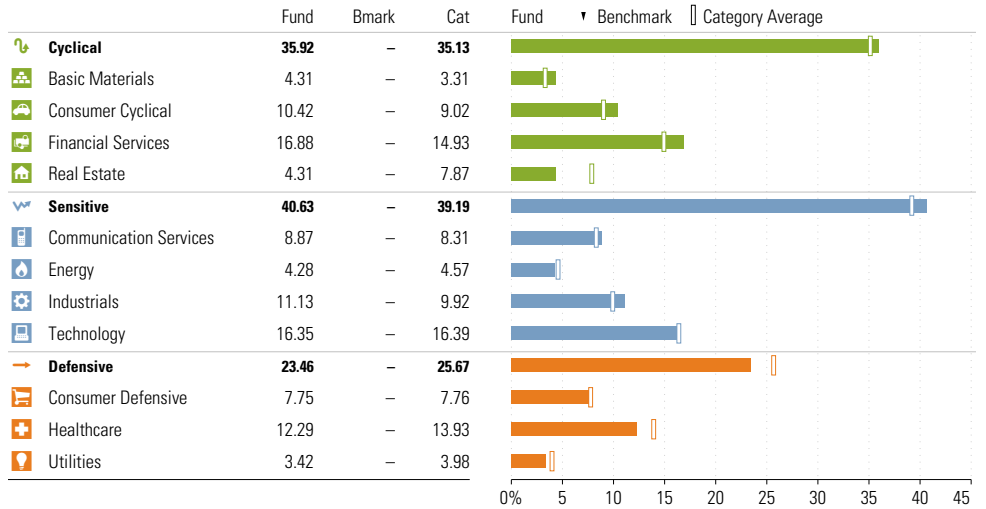


## Asset Allocation as of 12-31-2020



Asset Class	Net %	Cat%
US Stocks	23.51	25.98
Non-US Stocks	16.07	8.28
Bonds	58.65	54.57
Cash	1.41	6.07
Other	0.37	5.10
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2020



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

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	-	42.17	42.17	-	-
⊕ Vanguard Total Stock Mkt Idx Inv	-	23.92	66.09	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	17.68	83.77	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	16.23	100.00	-	-
⊕ Cmt Market Liquidity Rate	-	0.00	100.00	-	-

## Total Holdings 5

⊕ 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)

Management Team since 09-1994

## 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 has been in place for 26.27 years.

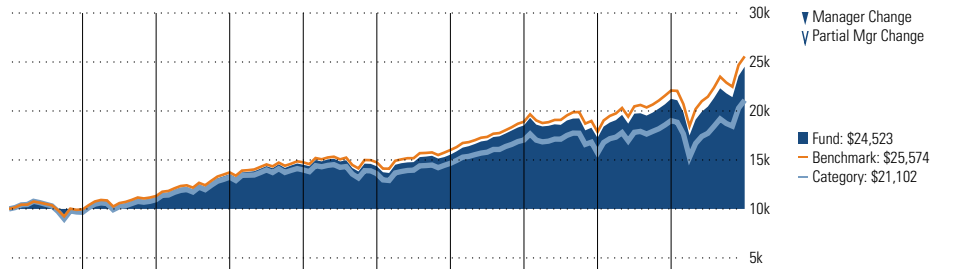
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.14 is 87.04% lower than the Allocation--70% to 85% Equity category average.

## Morningstar Investment Management LLC Analysis

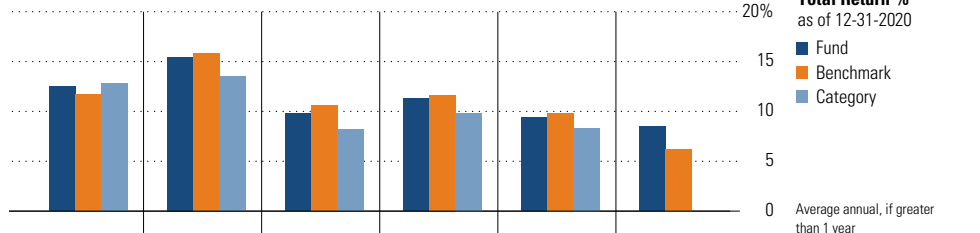
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Growth of \$10,000



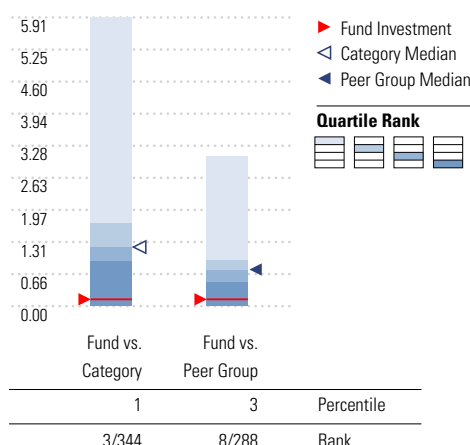
	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	Performance Quartile (Within Category)
											History
Total Return %	-2.28	14.38	21.20	7.18	-1.17	8.33	19.21	-6.90	23.13	15.45	Total Return %
+/- Benchmark	-1.80	0.62	-0.07	-0.32	-1.14	-0.23	1.18	-1.37	-0.54	-0.33	+/- Benchmark
+/- Category	1.52	0.96	-0.11	1.47	1.60	0.40	3.41	1.03	1.78	1.94	+/- Category
Tot Ret % Rank in Cat	34	37	53	20	30	34	20	34	32	27	Tot Ret % Rank in Cat
# of Funds in Cat	359	377	398	395	418	371	341	347	337	325	# of Funds in Cat
Turnover %	22	10	9	10	13	5	6	10	6	13	Turnover %
Expense Ratio	-	-	-	-	-	-	-	-	-	-	Expense Ratio

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Total Return % as of 12-31-2020
Fund Return %	12.47	15.45	9.79	11.32	9.38	8.45	Fund Return %
Benchmark Return %	11.68	15.78	10.60	11.63	9.84	6.23	Benchmark Return %
Category Average %	12.79	13.51	8.21	9.84	8.34	-	Category Average %
% Rank in Category	58	27	23	18	20	-	% Rank in Category
# of Funds in Category	337	325	308	279	188	-	# 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	-0.96	-	-2.88
Beta	1.03	-	1.05
R-Squared	99.49	-	96.01
Standard Deviation	15.14	14.72	15.86
Sharpe Ratio	0.59	0.65	0.47
Tracking Error	1.14	-	3.37
Information Ratio	-0.70	-	-0.84
Up Capture Ratio	99.09	-	96.12
Down Capture Ratio	103.30	-	109.95

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.58	-	17.92
Price/Book Ratio	2.16	-	2.23
Avg Eff Duration	6.75	-	4.95

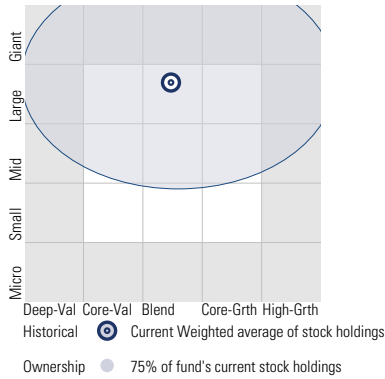
# Vanguard LifeStrategy Growth Inv VASGX

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

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

## Style Analysis as of 12-31-2020

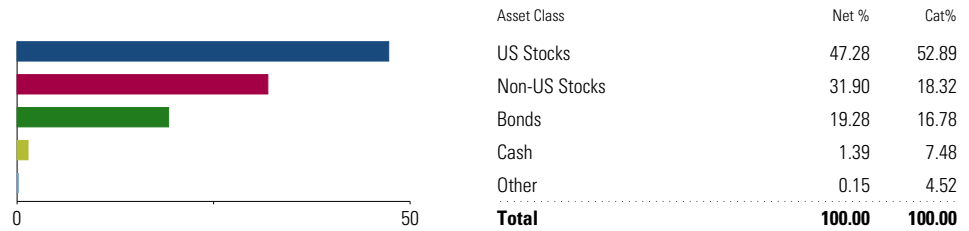
Morningstar Style Box™



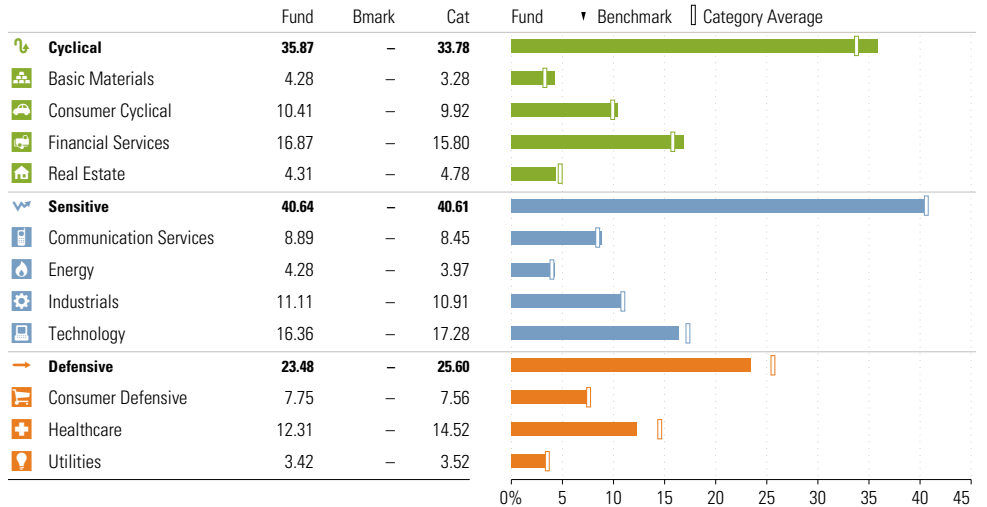
## Style Breakdown



## Asset Allocation as of 12-31-2020



## Sector Weighting as of 12-31-2020



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

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	48.11	48.11	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	32.22	80.33	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	14.04	94.37	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	5.63	100.00	-	-
⊖ Cmt Market Liquidity Rate	-	0.00	100.00	-	-

## Total Holdings 5

⊕ 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)

Management Team since 09-1994

## Quantitative Screens

✔ **Performance:** The fund has finished in the Allocation--15% to 30% Equity 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 26.27 years.

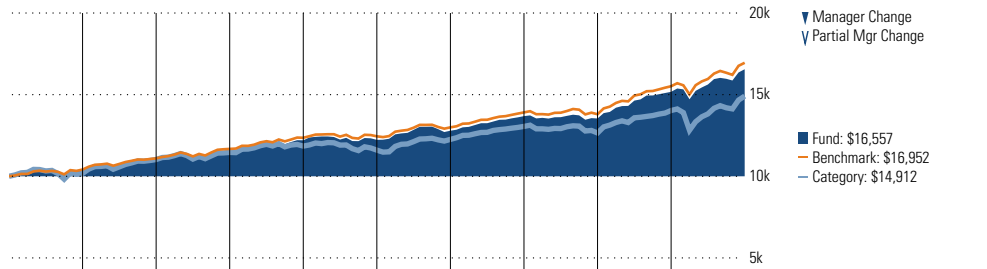
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.11 is 88.54% lower than the Allocation--15% to 30% Equity category average.

## Morningstar Investment Management LLC Analysis

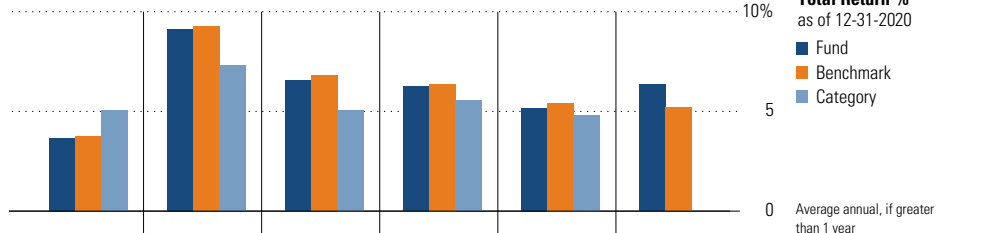
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Growth of \$10,000



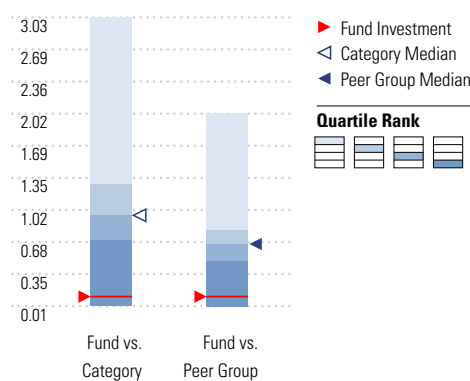
	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	Performance Quartile (Within Category)
	3.77	6.54	3.40	6.76	0.22	4.58	6.98	-1.05	12.05	9.13	History
	-0.35	-0.02	-1.84	0.92	-0.51	0.17	-0.06	-0.24	-0.38	-0.13	Total Return %
	1.76	-1.81	-0.62	3.22	2.29	-0.97	0.73	2.09	0.85	1.84	+/- Benchmark
	15	78	68	4	8	65	49	11	35	27	+/- Category
	152	192	209	212	230	211	184	180	183	177	Tot Ret % Rank in Cat
	43	8	25	12	14	4	4	9	6	17	# of Funds in Cat
	-	-	-	-	-	-	-	-	-	-	Turnover %
	-	-	-	-	-	-	-	-	-	-	Expense Ratio

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	
	3.67	9.13	6.56	6.24	5.17	6.34	Fund Return %
	3.74	9.26	6.81	6.37	5.42	5.19	Benchmark Return %
	5.06	7.29	5.07	5.55	4.82	-	Category Average %
	78	27	14	30	34	-	% Rank in Category
	185	177	166	149	93	-	# of Funds in Category

## Net Expense



	Fund vs. Category	Fund vs. Peer Group	Percentile
	1	2	
	2/185	3/174	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	0.03	-	-3.64
Beta	0.96	-	1.34
R-Squared	96.99	-	87.17
Standard Deviation	4.74	4.86	7.01
Sharpe Ratio	1.04	1.06	0.57
Tracking Error	0.85	-	3.11
Information Ratio	-0.30	-	-0.62
Up Capture Ratio	93.40	-	105.72
Down Capture Ratio	88.02	-	158.12

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.76	-	-
Price/Book Ratio	2.19	-	-
Avg Eff Duration	6.78	-	4.50

# Vanguard LifeStrategy Income Inv VASIX

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

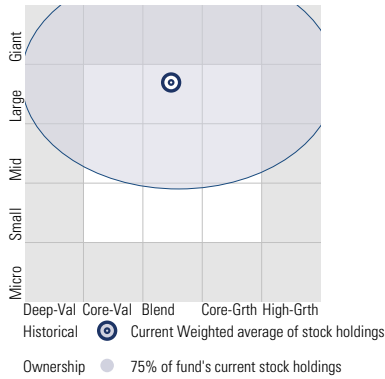
**Morningstar Index**

Morningstar US Con Tgt Alloc NR USD

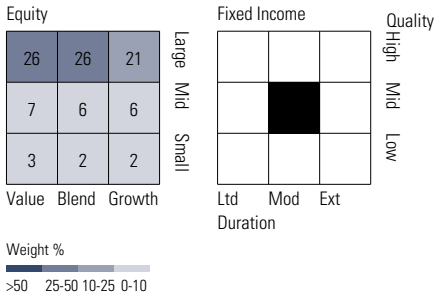
Equity

## Style Analysis as of 12-31-2020

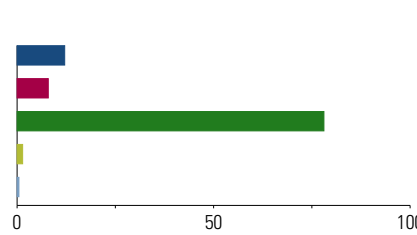
Morningstar Style Box™



## Style Breakdown

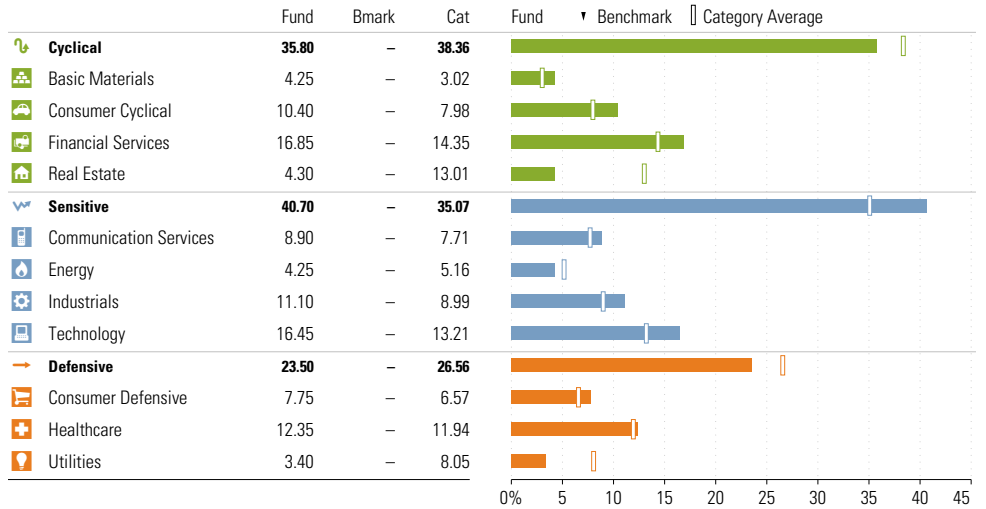


## Asset Allocation as of 12-31-2020



Asset Class	Net %	Cat%
US Stocks	12.11	10.94
Non-US Stocks	7.93	3.76
Bonds	78.07	71.39
Cash	1.41	9.69
Other	0.46	4.23
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2020



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

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	-	56.07	56.07	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	23.60	79.67	-	-
⊕ Vanguard Total Stock Mkt Idx Inv	-	12.32	91.99	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	8.01	100.00	-	-
⊕ Cmt Market Liquidity Rate	-	0.00	100.00	-	-

## Total Holdings 5

⊕ 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)

Management Team since 09-1994

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 26.27 years.

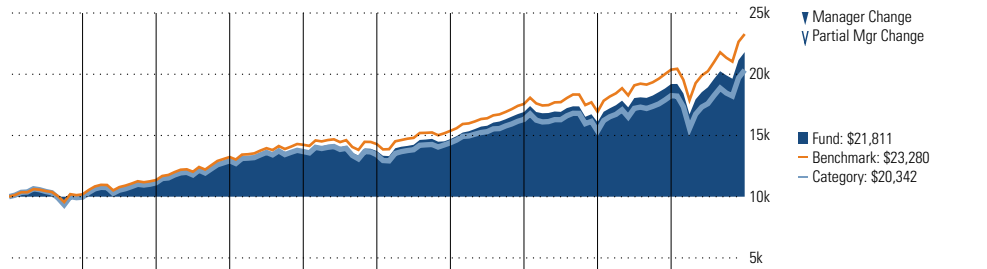
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.13 is 87.85% lower than the Allocation--50% to 70% Equity category average.

## Morningstar Investment Management LLC Analysis

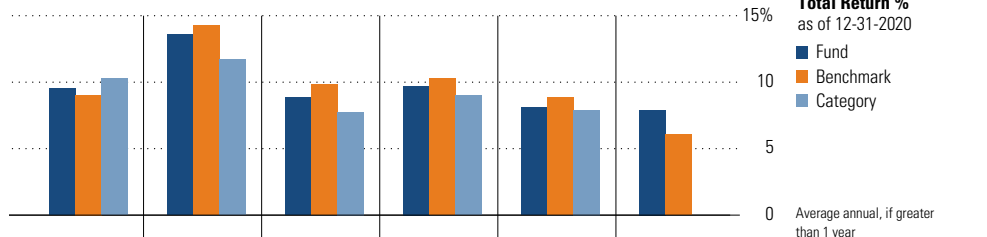
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Growth of \$10,000



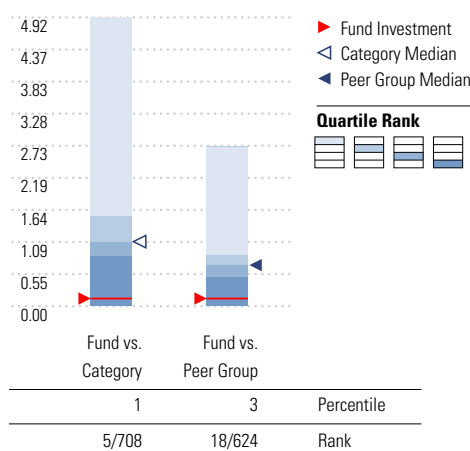
	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	Performance Quartile (Within Category)
											History
	0.26	11.76	15.04	7.07	-0.57	7.13	15.04	-4.91	19.37	13.59	Total Return %
	-1.66	0.29	-1.49	-0.50	-0.93	-0.47	0.76	-1.25	-0.96	-0.67	+/- Benchmark
	0.37	0.04	-1.44	0.86	1.36	-0.21	1.83	0.85	0.14	1.87	+/- Category
	45	56	68	38	32	42	26	39	53	36	Tot Ret % Rank in Cat
	738	736	776	742	784	733	712	722	696	673	# of Funds in Cat
	32	15	15	12	16	9	6	12	9	21	Turnover %
	-	-	-	-	-	-	-	-	-	-	Expense Ratio

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	
	9.52	13.59	8.84	9.71	8.11	7.91	Fund Return %
	9.04	14.26	9.82	10.25	8.82	6.09	Benchmark Return %
	10.30	11.72	7.76	8.99	7.90	-	Category Average %
	54	36	36	36	45	-	% Rank in Category
	694	673	636	576	414	-	# of Funds in Category

## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.83	-	-2.26
Beta	0.99	-	1.08
R-Squared	99.11	-	95.76
Standard Deviation	11.49	11.52	12.74
Sharpe Ratio	0.66	0.74	0.56
Tracking Error	1.09	-	2.93
Information Ratio	-0.90	-	-0.63
Up Capture Ratio	94.58	-	98.62
Down Capture Ratio	98.25	-	112.05

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.76	-	17.99
Price/Book Ratio	2.19	-	2.31
Avg Eff Duration	6.77	-	4.62

# Vanguard LifeStrategy Moderate Gr Inv VSMGX

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

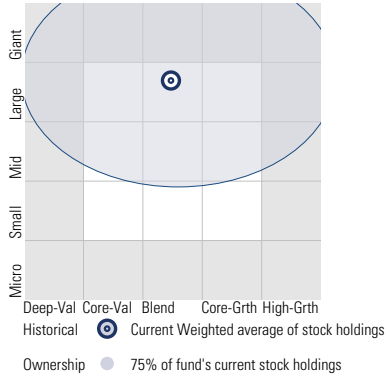
**Morningstar Index**

Morningstar US Mod Tgt Alloc NR USD

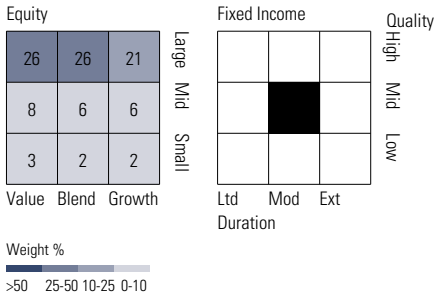
Equity

## Style Analysis as of 12-31-2020

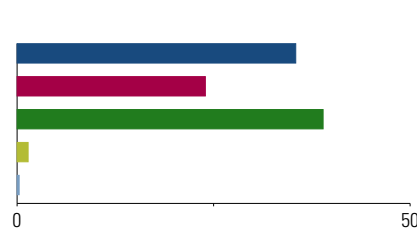
Morningstar Style Box™



## Style Breakdown

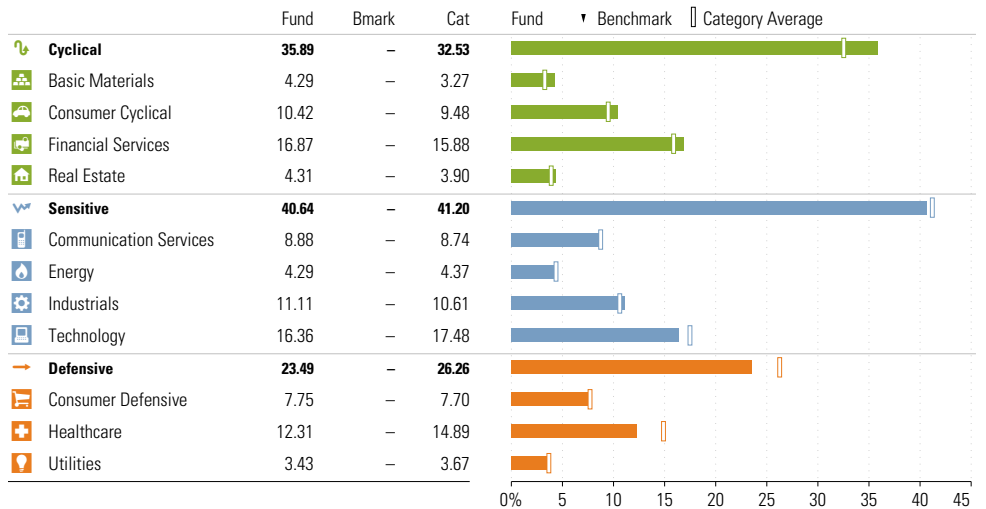


## Asset Allocation as of 12-31-2020



Asset Class	Net %	Cat%
US Stocks	35.45	43.32
Non-US Stocks	23.95	12.35
Bonds	38.93	35.35
Cash	1.40	6.99
Other	0.26	2.00
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2020



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

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	36.07	36.07	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	28.12	64.19	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	24.19	88.38	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	11.62	100.00	-	-
⊖ Cmt Market Liquidity Rate	-	0.00	100.00	-	-

## Total Holdings 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Mid-Cap Value Index Admiral VMVAX

**Morningstar Category**  
Mid-Cap Value

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 14.38 years.

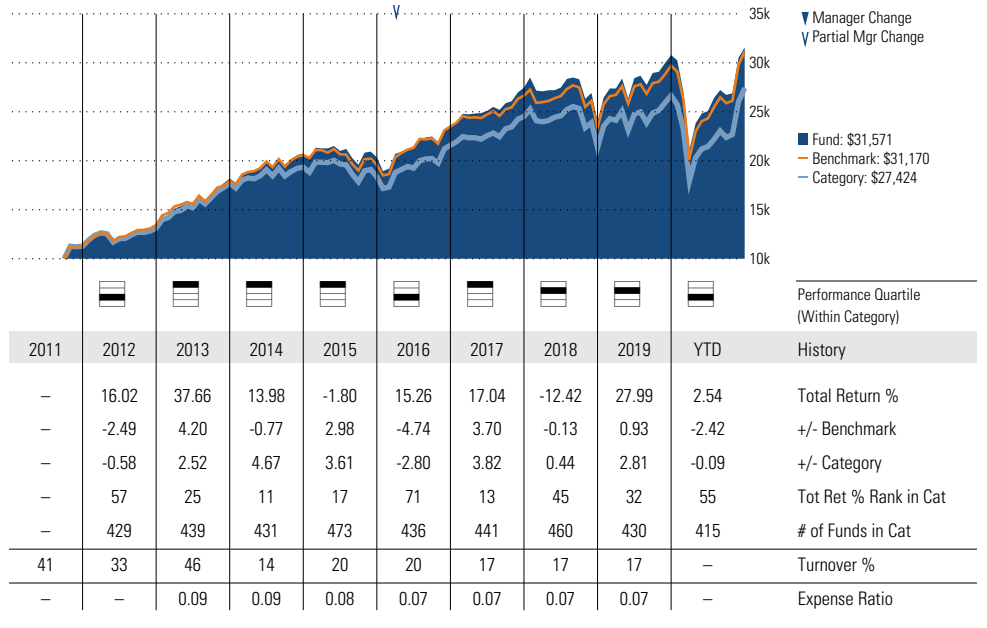
✔ **Style:** The fund has landed in its primary style box — Mid-Cap Value — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.07 is 93.27% lower than the Mid-Cap Value category average.

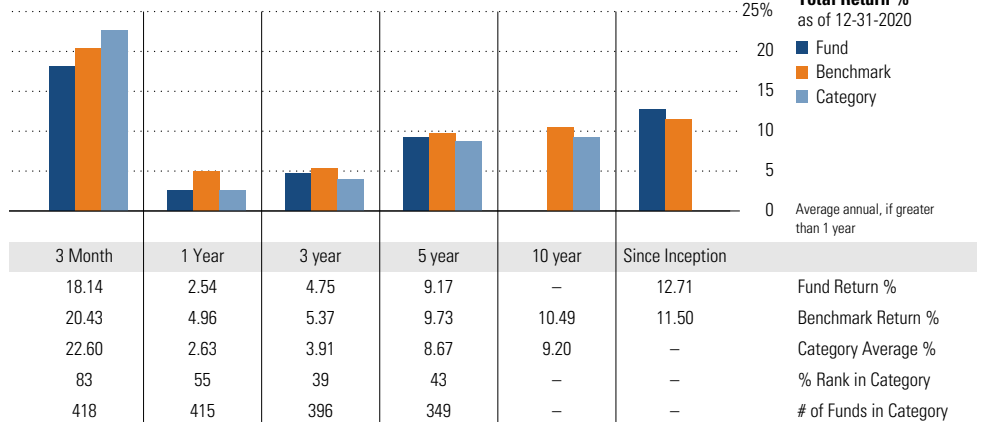
## Morningstar Investment Management LLC Analysis

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

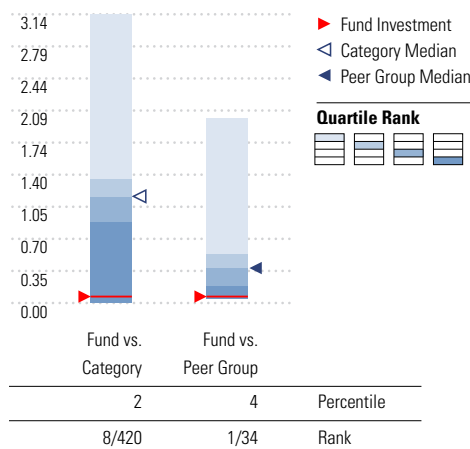
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.53	-	-1.47
Beta	0.98	-	1.03
R-Squared	99.20	-	96.69
Standard Deviation	22.68	22.94	23.97
Sharpe Ratio	0.25	0.28	0.22
Tracking Error	2.06	-	4.83
Information Ratio	-0.30	-	-0.31
Up Capture Ratio	97.19	-	100.97
Down Capture Ratio	99.03	-	106.89

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.51	18.90	17.75
Price/Book Ratio	2.00	1.81	1.74
Geom Avg Mkt Cap \$B	9.97	9.71	8.73
ROE	15.32	11.29	11.96

# Vanguard Mid-Cap Value Index Admiral VMVAX

Morningstar Category

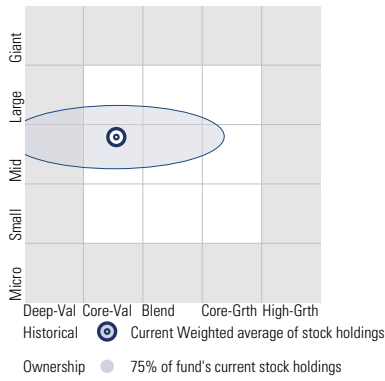
Mid-Cap Value

Morningstar Index

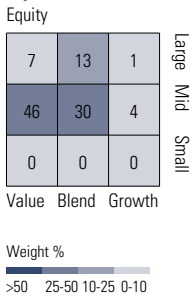
Russell Mid Cap Value TR USD

## Style Analysis as of 12-31-2020

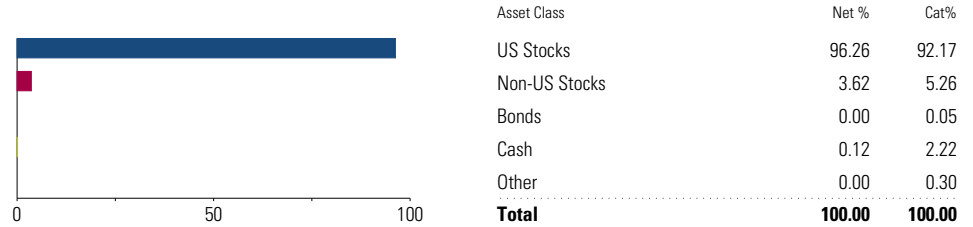
Morningstar Style Box™



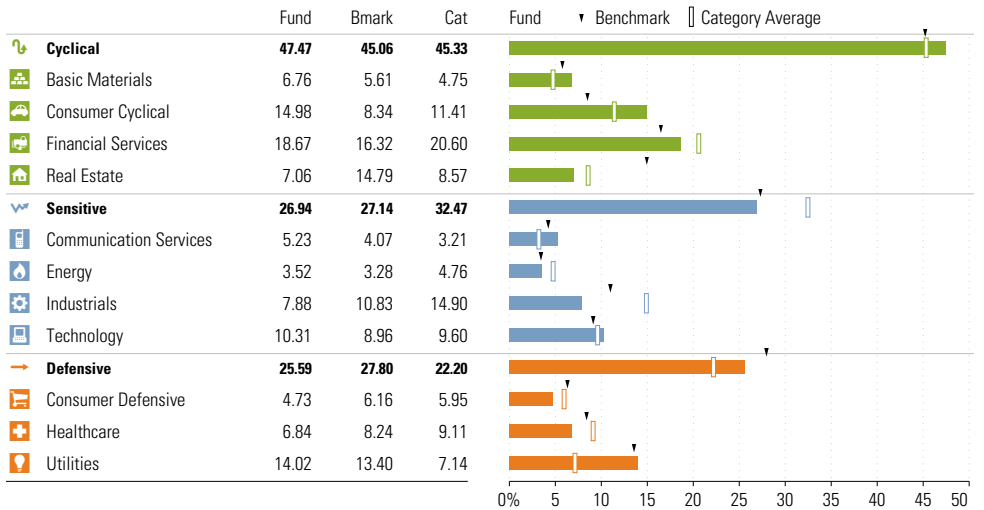
## Style Breakdown



## Asset Allocation as of 12-31-2020



## Sector Weighting as of 12-31-2020



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

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Newmont Corp	1.87	1.87	40.23	Basic Materials
⊖ WEC Energy Group Inc	1.49	3.36	2.53	Utilities
⊖ Motorola Solutions Inc	1.45	4.81	7.17	Technology
⊖ Eversource Energy	1.43	6.25	3.03	Utilities
⊖ Willis Towers Watson PLC	1.25	7.49	5.69	Financial Services
⊖ FirstEnergy Corp	1.23	8.72	-33.81	Utilities
⊖ Entergy Corp	1.19	9.92	-13.54	Utilities
⊖ American Water Works Co Inc	1.14	11.06	26.67	Utilities
⊖ DTE Energy Co	1.09	12.15	-3.34	Utilities
⊖ Clorox Co	1.02	13.18	34.34	Consumer Defensive
⊖ Ameren Corp	0.99	14.17	4.24	Utilities
⊖ D.R. Horton Inc	0.95	15.13	32.03	Consumer Cyclical
⊖ Liberty Broadband Corp C	0.93	16.06	25.94	Communication Svc
⊖ The Hartford Financial Services Group Inc	0.92	16.98	-17.26	Financial Services
⊖ Keysight Technologies Inc	0.91	17.89	28.71	Technology

**Total Holdings 201**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Real Estate Index Admiral VGSLX

**Morningstar Category**  
Real Estate

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

## Portfolio Manager(s)

Gerard O'Reilly since 05-1996

Walter Nejman since 05-2016

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 24.65 years.

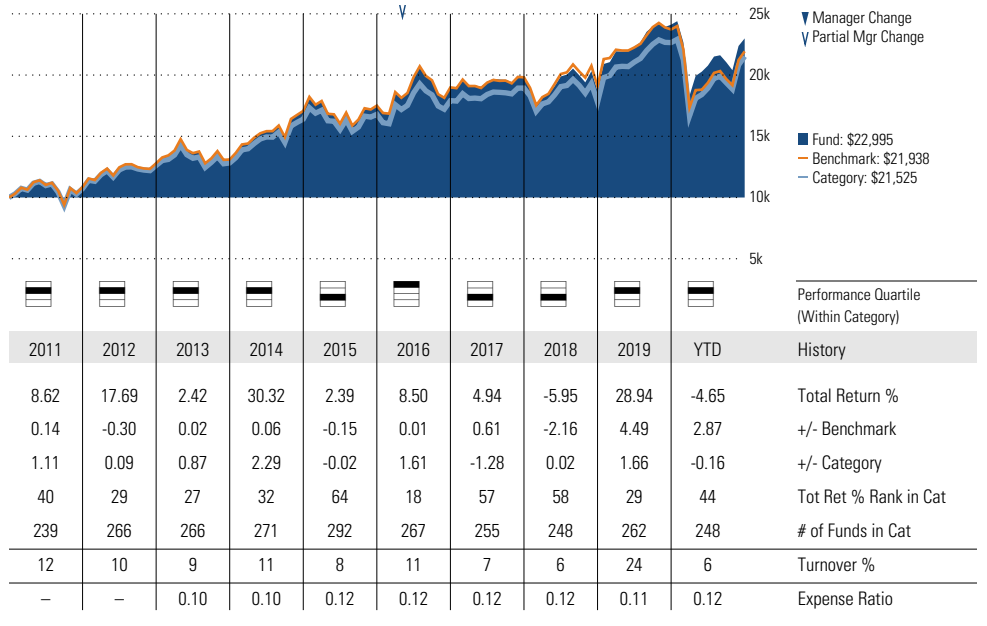
✔ **Style:** The fund has landed in its primary style box — Mid-Cap Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.12 is 89.19% lower than the Real Estate category average.

## Morningstar Investment Management LLC Analysis

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

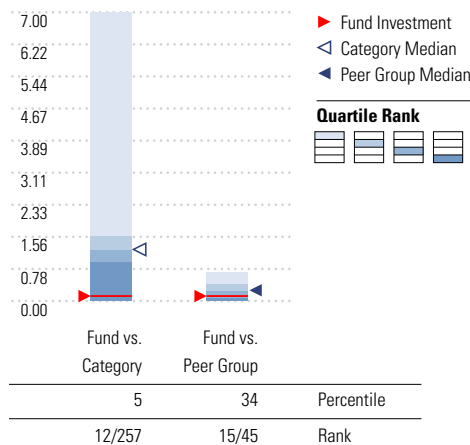
## Growth of \$10,000



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

## Portfolio Metrics

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

# Vanguard Real Estate Index Admiral VGSLX

**Morningstar Category**  
Real Estate

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

## Style Analysis as of 12-31-2020

Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 12-31-2020



## Sector Weighting as of 12-31-2020



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

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

**Total Holdings 186**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2015 Inv VTXVX

**Morningstar Category**  
Target-Date 2015

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

## Portfolio Manager(s)

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

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2015 category's top three quartiles in 10 of the 10 years it's been in existence.

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

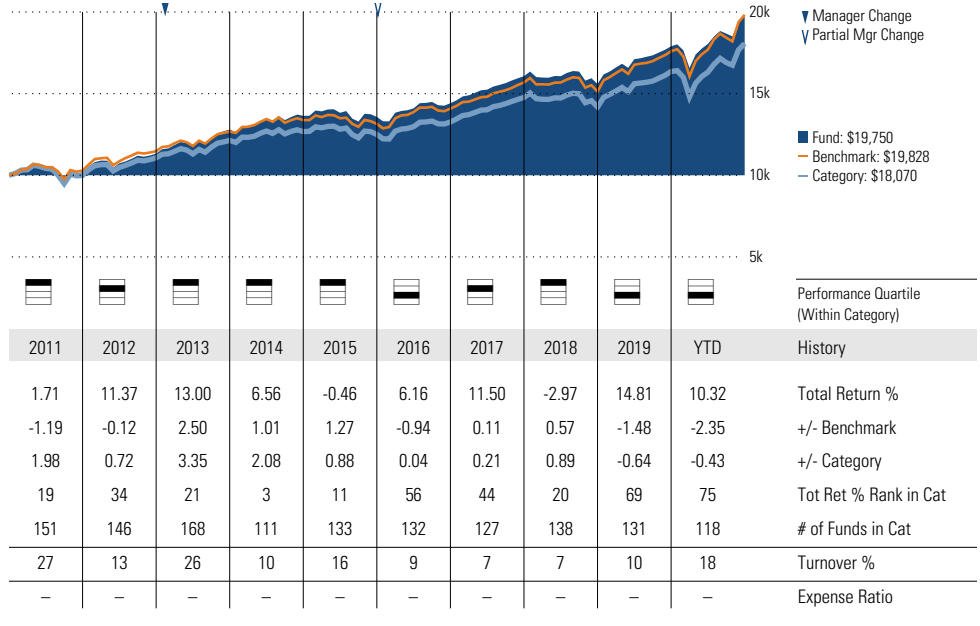
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.13 is 79.37% lower than the Target-Date 2015 category average.

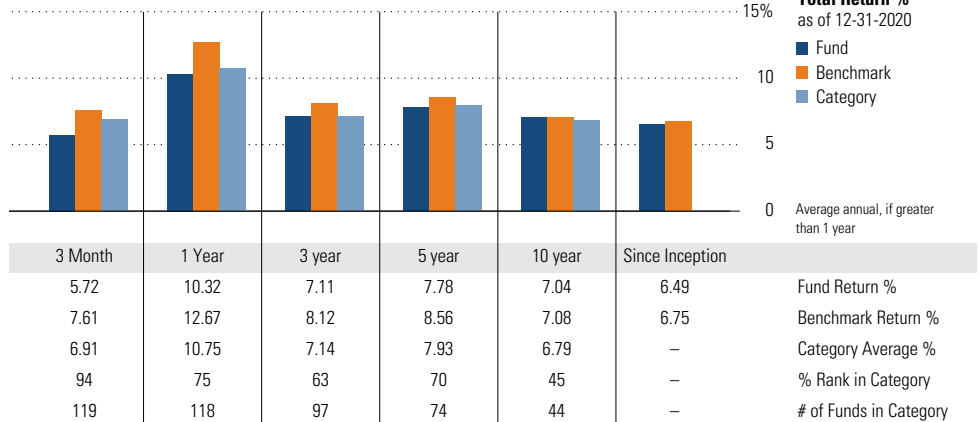
## Morningstar Investment Management LLC Analysis

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

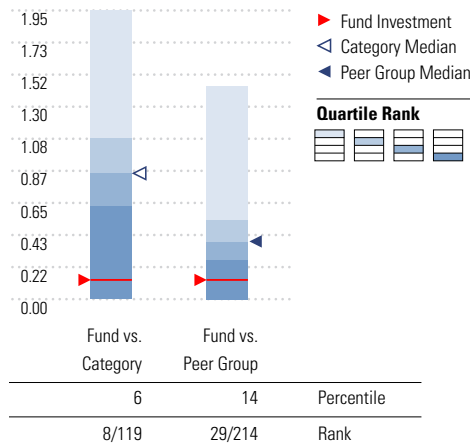
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

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

## Portfolio Metrics

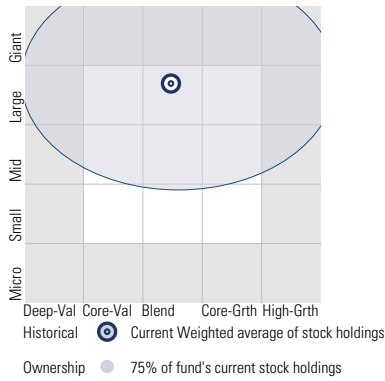
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.76	17.82	18.03
Price/Book Ratio	2.19	2.17	2.27
Avg Eff Duration	5.89	8.22	5.17

# Vanguard Target Retirement 2015 Inv VTXVX

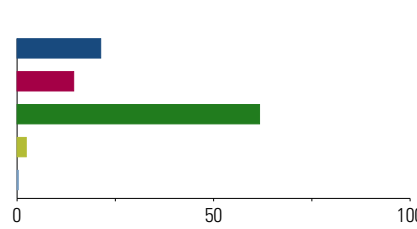
**Morningstar Category**  
Target-Date 2015

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

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



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

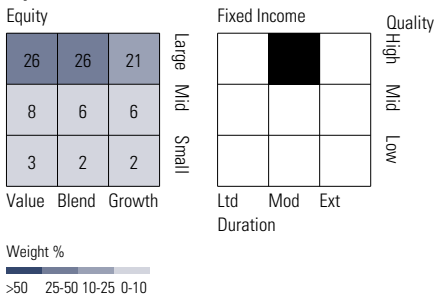


Asset Class	Net %	Cat%
US Stocks	21.27	25.55
Non-US Stocks	14.40	14.57
Bonds	61.69	50.74
Cash	2.33	5.64
Other	0.30	3.49
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

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

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>35.84</b>	<b>37.79</b>	<b>34.94</b>			
Basic Materials	4.27	4.13	4.12			
Consumer Cyclical	10.40	8.76	9.35			
Financial Services	16.87	15.13	17.05			
Real Estate	4.30	9.77	4.42			
<b>Sensitive</b>	<b>40.64</b>	<b>35.70</b>	<b>40.27</b>			
Communication Services	8.89	6.80	8.36			
Energy	4.27	3.60	5.16			
Industrials	11.11	11.20	10.57			
Technology	16.37	14.10	16.18			
<b>Defensive</b>	<b>23.51</b>	<b>26.51</b>	<b>24.79</b>			
Consumer Defensive	7.76	8.84	7.77			
Healthcare	12.32	13.24	13.44			
Utilities	3.43	4.43	3.58			

**Style Breakdown**



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

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	-	35.06	35.06	-	-
⊕ Vanguard Total Stock Mkt Idx Inv	-	21.65	56.71	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	14.98	71.69	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	14.54	86.23	-	-
⊖ Vanguard Shrt-Term Infl-Prot Sec Idx Inv	-	13.67	99.89	-	-
⊕ Cmt Market Liquidity Rate	-	0.11	100.00	-	-

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2020 Inv VTWNX

**Morningstar Category**  
Target-Date 2020

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

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

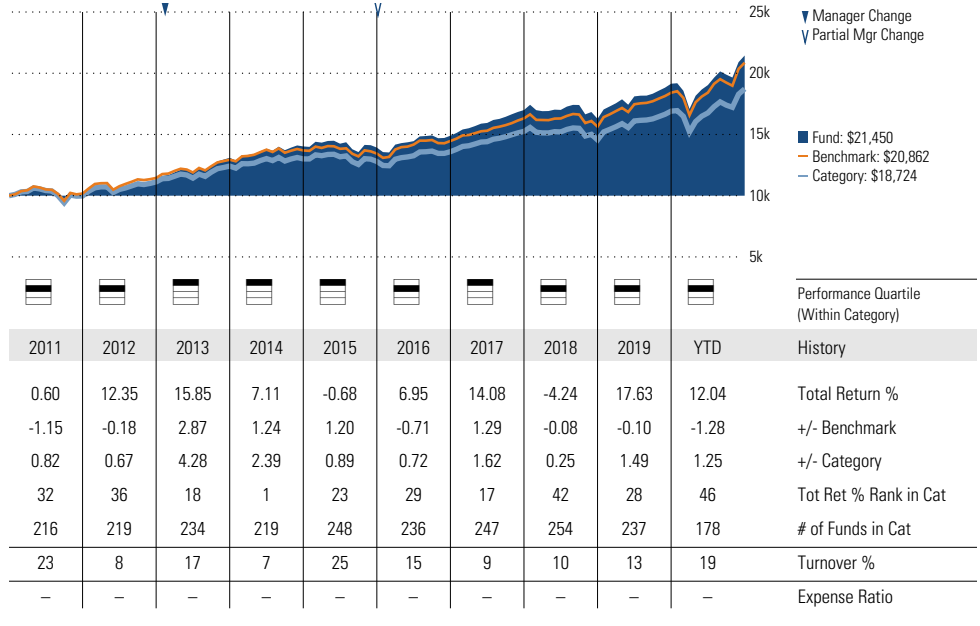
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

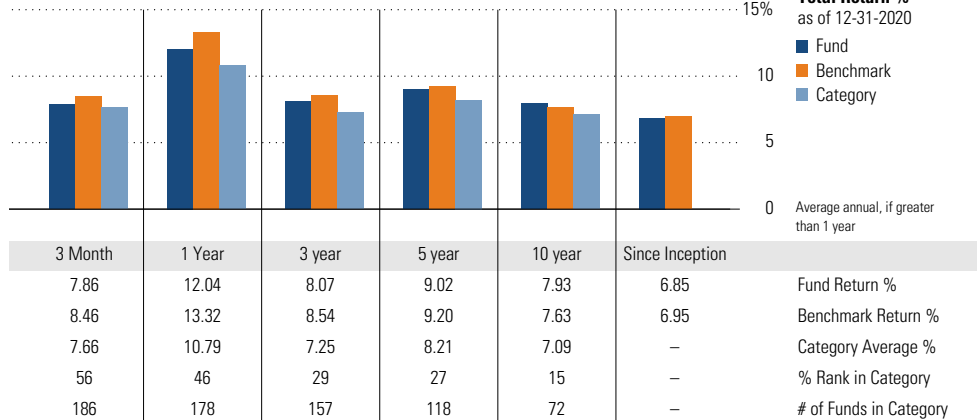
## Morningstar Investment Management LLC Analysis

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

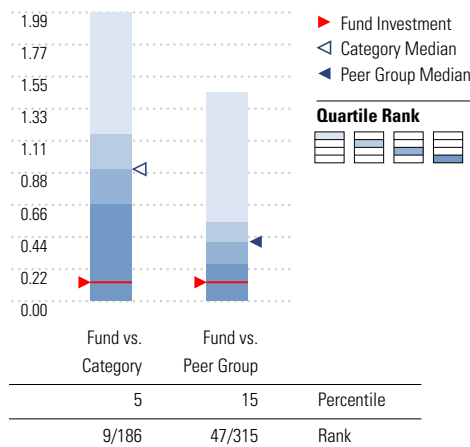
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

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

## Portfolio Metrics

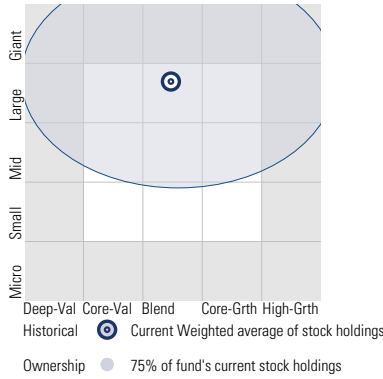
	Fund	Bmark	Cat
Price/Earnings Ratio	17.76	17.75	17.87
Price/Book Ratio	2.19	2.15	2.22
Avg Eff Duration	6.15	9.28	5.23

# Vanguard Target Retirement 2020 Inv VTWNX

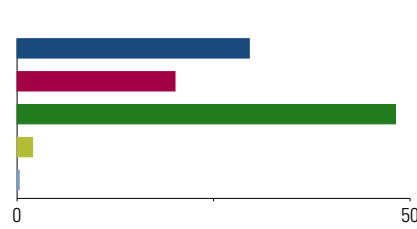
**Morningstar Category**  
Target-Date 2020

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

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

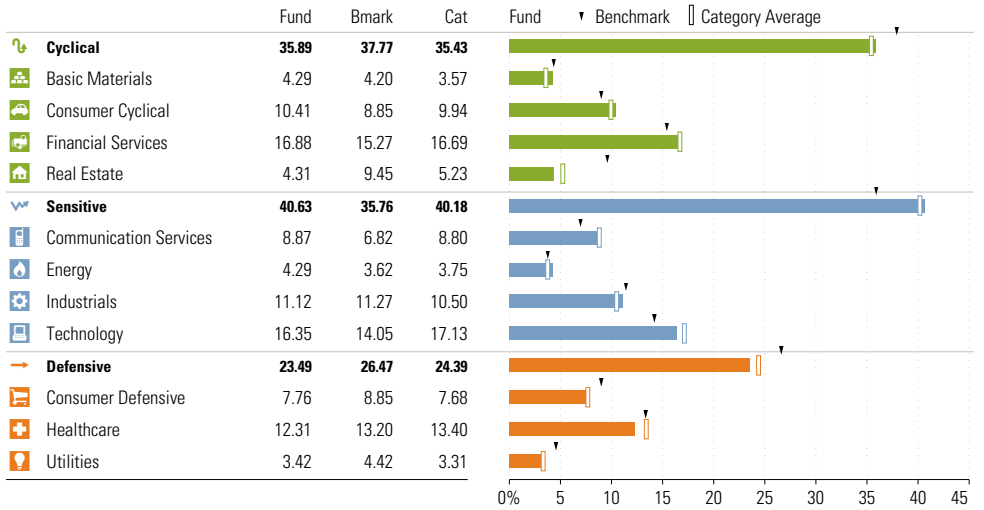


**Asset Allocation** as of 12-31-2020

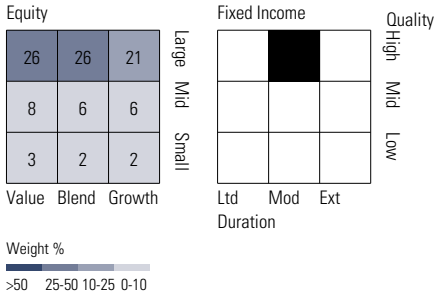


Asset Class	Net %	Cat%
US Stocks	29.54	28.56
Non-US Stocks	20.09	13.10
Bonds	48.14	47.35
Cash	1.97	4.39
Other	0.27	6.60
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

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



**Style Breakdown**



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

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	30.06	30.06	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	29.55	59.60	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	20.29	79.89	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	12.52	92.41	-	-
⊖ Vanguard Shrt-Term Infl-Prot Sec Idx Inv	-	7.47	99.88	-	-
⊕ Cmt Market Liquidity Rate	-	0.12	100.00	-	-

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2025 Inv VTTVX

**Morningstar Category**  
Target-Date 2025

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

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

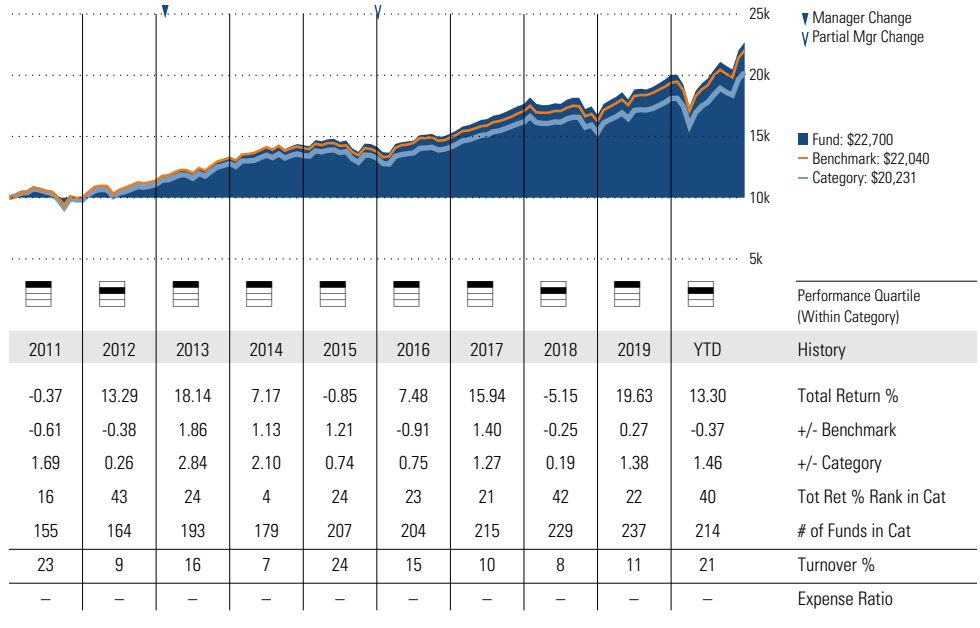
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

## Morningstar Investment Management LLC Analysis

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

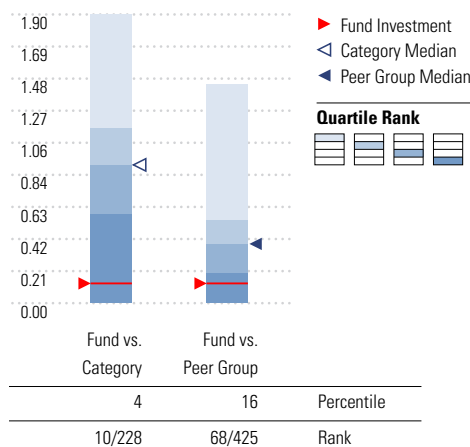
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

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

## Portfolio Metrics

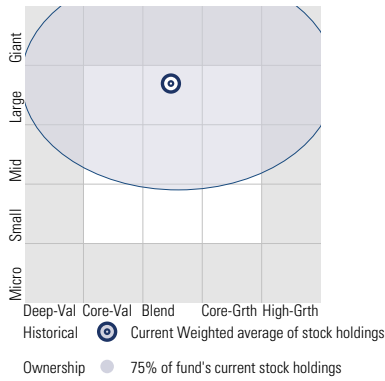
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.78	17.67	17.99
Price/Book Ratio	2.19	2.12	2.26
Avg Eff Duration	6.77	10.12	5.54

# Vanguard Target Retirement 2025 Inv VTTVX

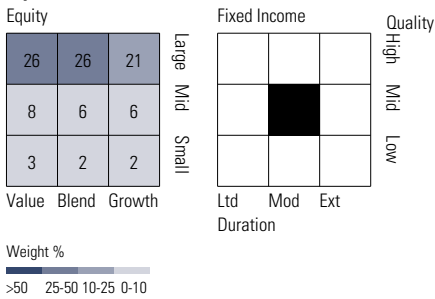
**Morningstar Category**  
Target-Date 2025

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

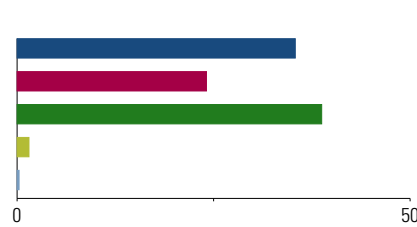
**Style Analysis** as of 12-31-2020  
Morningstar Style Box™



**Style Breakdown**

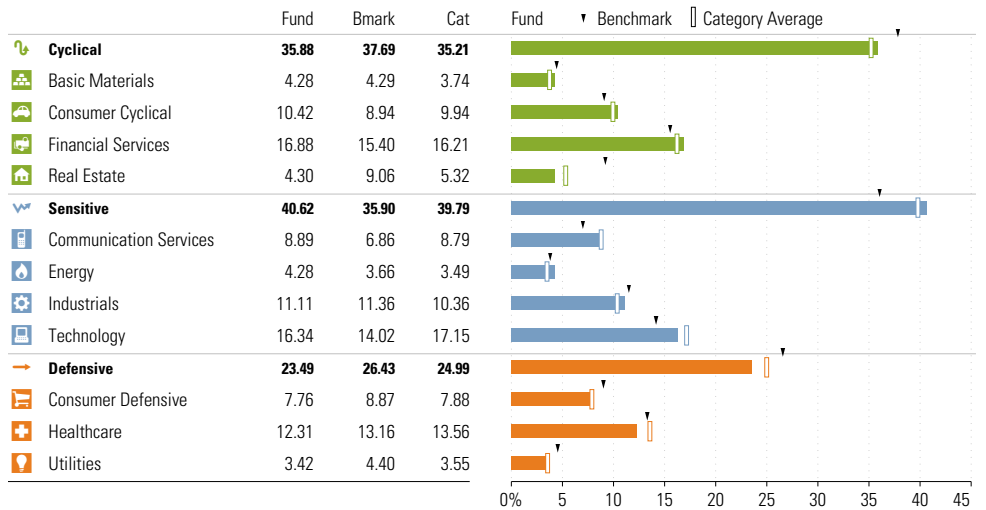


**Asset Allocation** as of 12-31-2020



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

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



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

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

**Total Holdings** 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Target Retirement 2030 Inv VTHRX

**Morningstar Category**  
Target-Date 2030

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

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

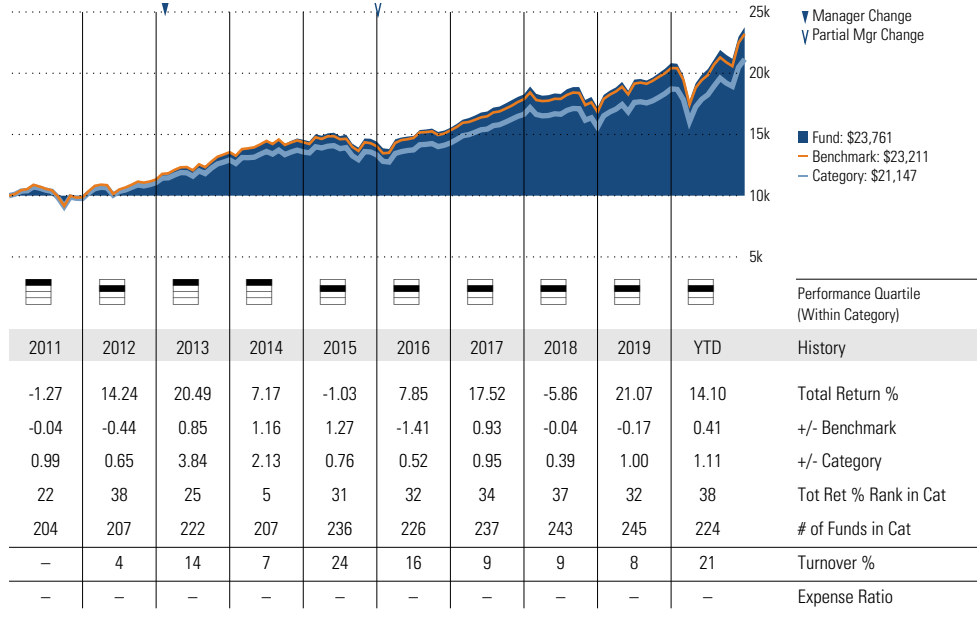
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

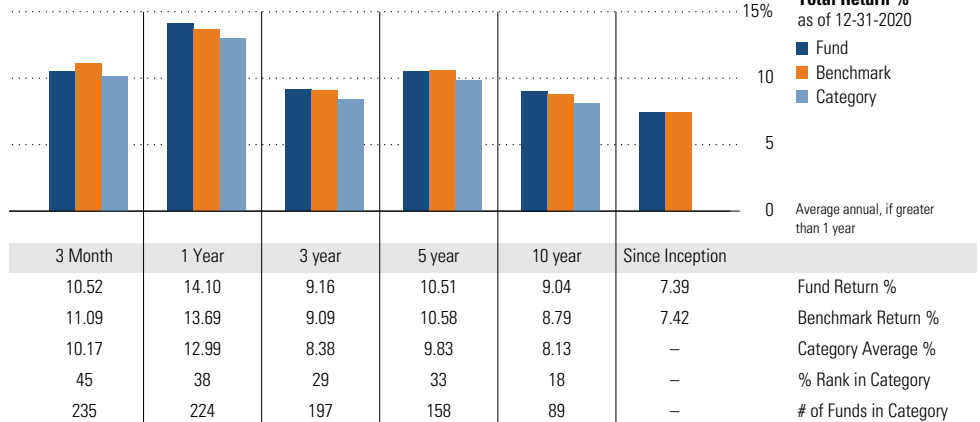
## Morningstar Investment Management LLC Analysis

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

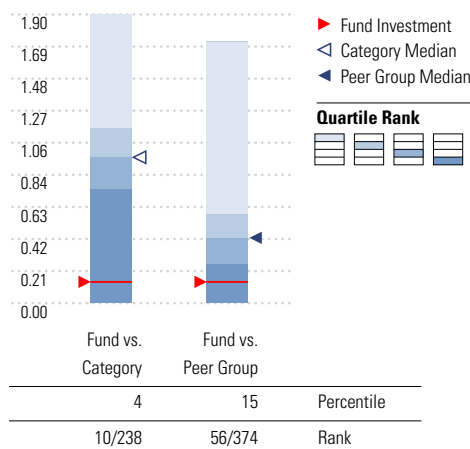
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

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

## Portfolio Metrics

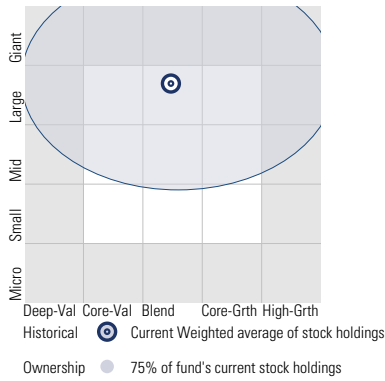
	Fund	Bmark	Cat
Price/Earnings Ratio	17.78	17.60	17.87
Price/Book Ratio	2.19	2.10	2.20
Avg Eff Duration	6.77	10.74	5.64

# Vanguard Target Retirement 2030 Inv VTHRX

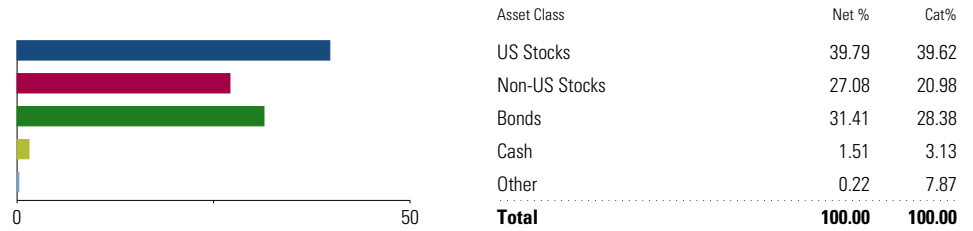
**Morningstar Category**  
Target-Date 2030

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

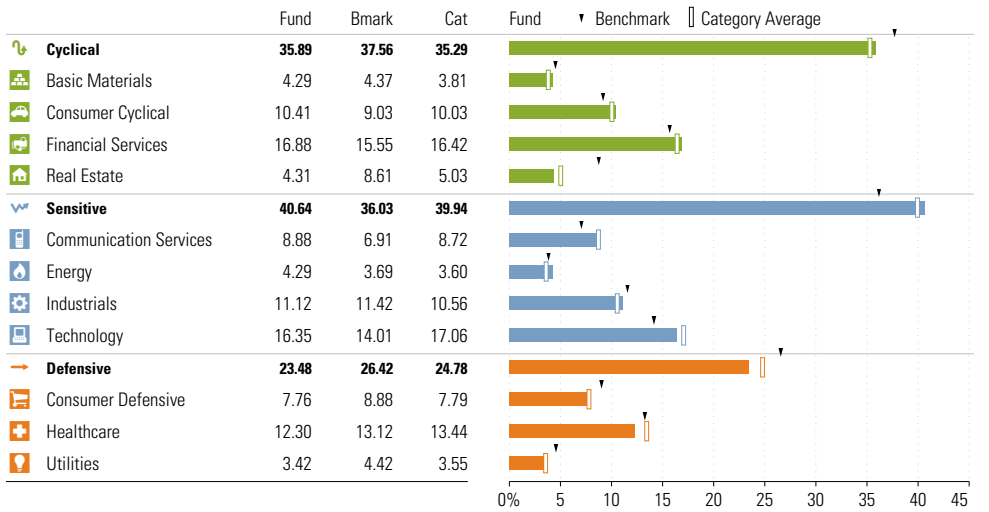
**Style Analysis** as of 12-31-2020  
Morningstar Style Box™



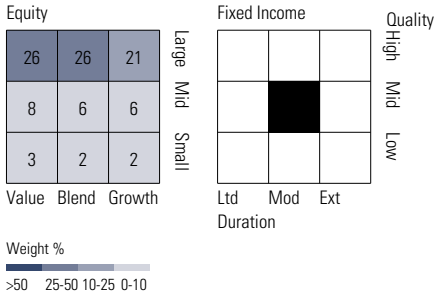
**Asset Allocation** as of 12-31-2020



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



**Style Breakdown**



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

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	40.49	40.49	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	27.35	67.84	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	22.53	90.37	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	9.51	99.88	-	-
⊕ Cmt Market Liquidity Rate	-	0.12	100.00	-	-

**Total Holdings** 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2035 Inv VTTHX

**Morningstar Category**  
Target-Date 2035

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

## Portfolio Manager(s)

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

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2035 category's top three quartiles in 10 of the 10 years it's been in existence.

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

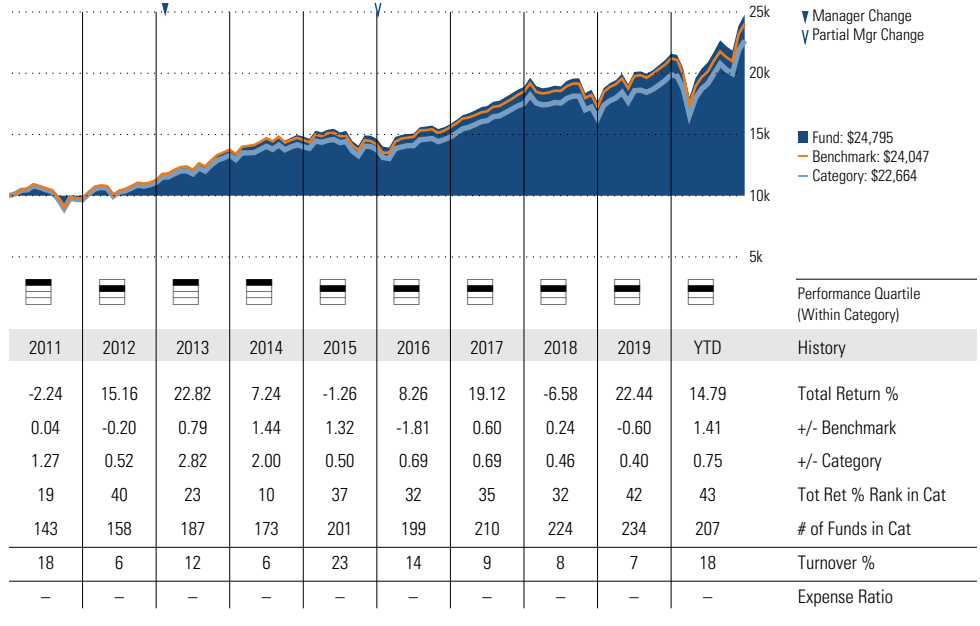
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

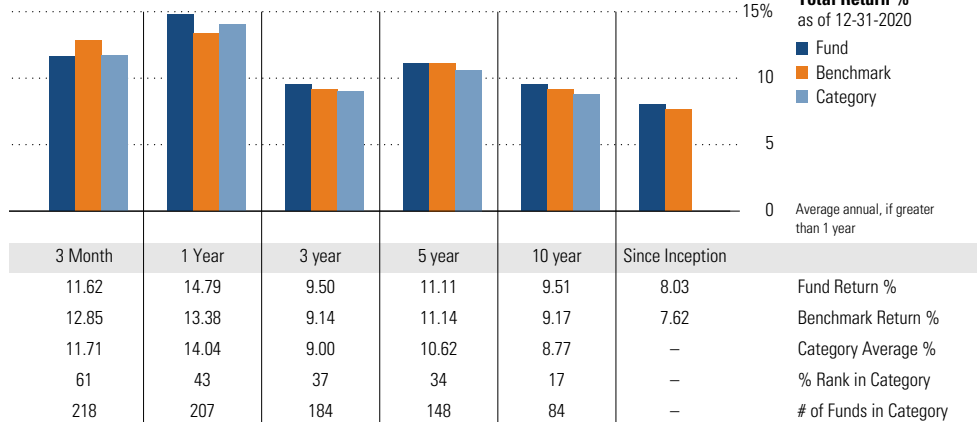
## Morningstar Investment Management LLC Analysis

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

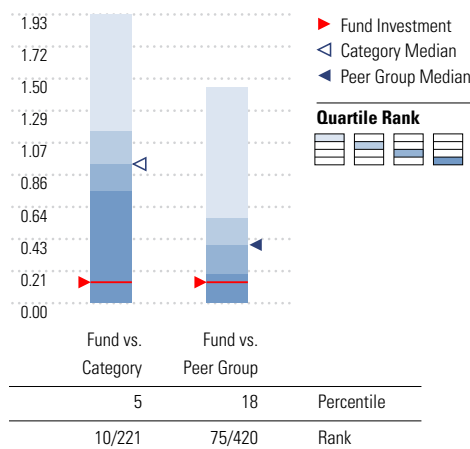
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

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

## Portfolio Metrics

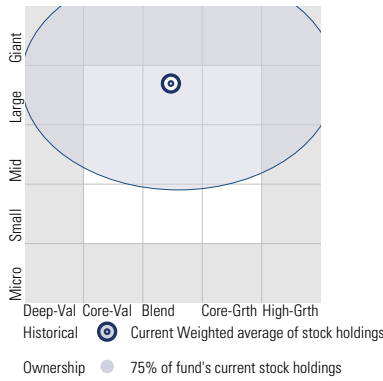
	Fund	Bmark	Cat
Price/Earnings Ratio	17.77	17.52	18.00
Price/Book Ratio	2.19	2.08	2.24
Avg Eff Duration	6.77	10.92	5.76

# Vanguard Target Retirement 2035 Inv VTTX

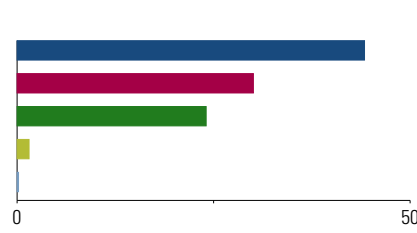
**Morningstar Category**  
Target-Date 2035

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

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

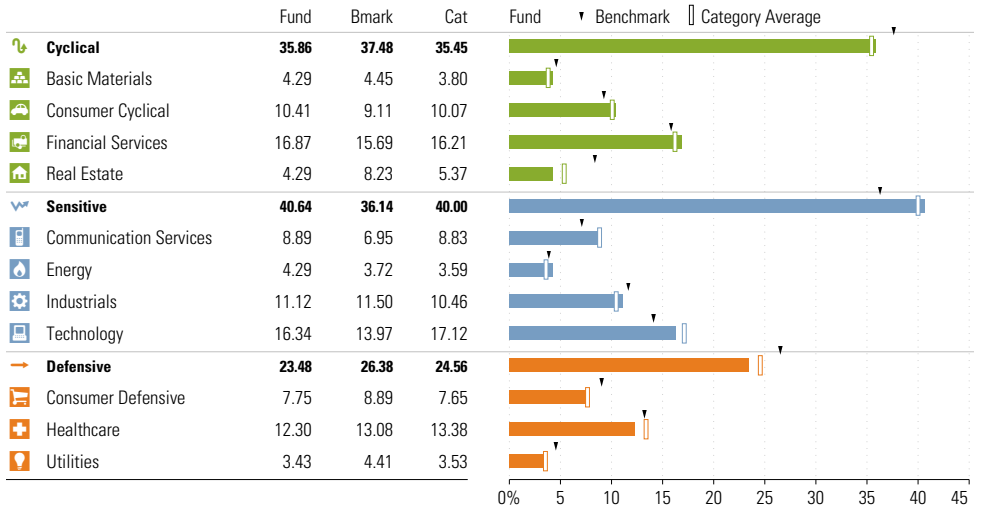


**Asset Allocation** as of 12-31-2020



Asset Class	Net %	Cat%
US Stocks	44.20	44.84
Non-US Stocks	30.06	24.61
Bonds	24.05	19.04
Cash	1.52	3.03
Other	0.18	8.48
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

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



**Style Breakdown**



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

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	44.97	44.97	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	30.36	75.33	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	17.29	92.62	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	7.25	99.87	-	-
⊕ Cmt Market Liquidity Rate	-	0.13	100.00	-	-

**Total Holdings 5**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2040 Inv VFORX

**Morningstar Category**  
Target-Date 2040

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

## Portfolio Manager(s)

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

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2040 category's top three quartiles in 10 of the 10 years it's been in existence.

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

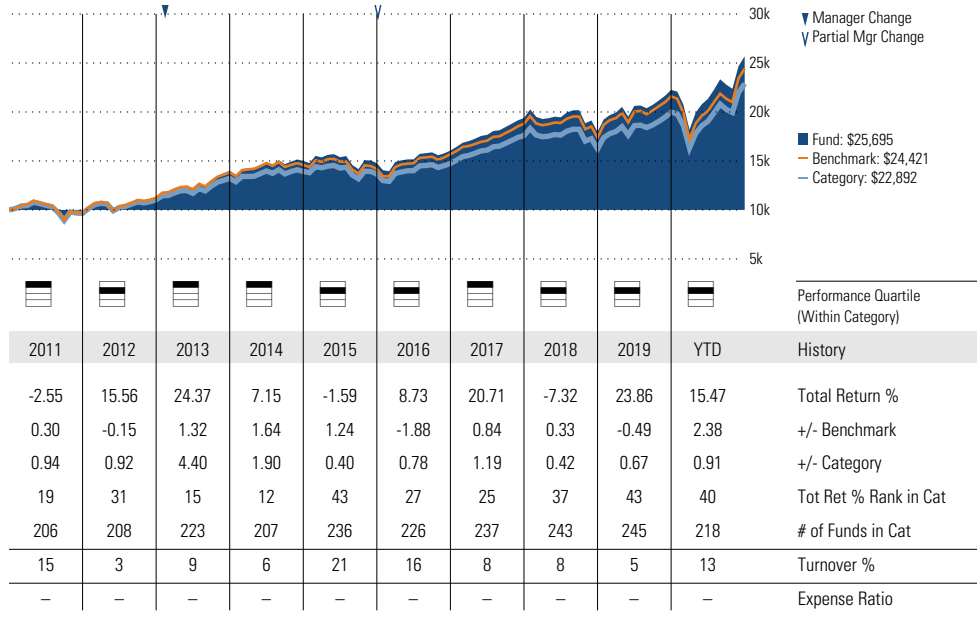
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

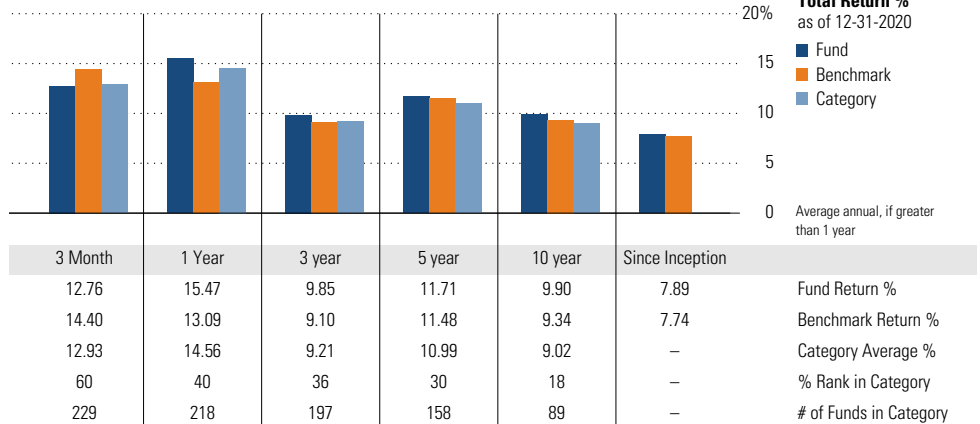
## Morningstar Investment Management LLC Analysis

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

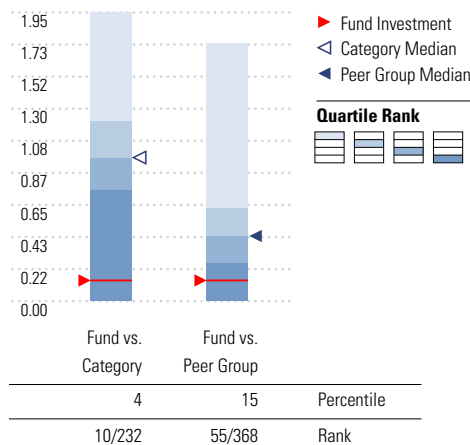
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

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

## Portfolio Metrics

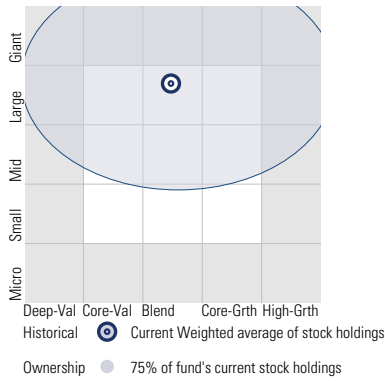
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.76	17.44	17.85
Price/Book Ratio	2.19	2.06	2.20
Avg Eff Duration	6.77	11.09	5.80

# Vanguard Target Retirement 2040 Inv VFORX

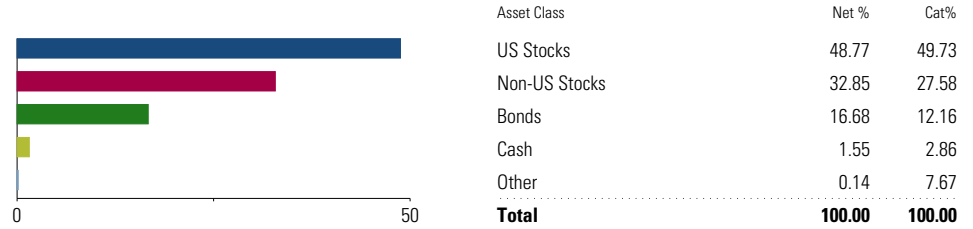
**Morningstar Category**  
Target-Date 2040

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

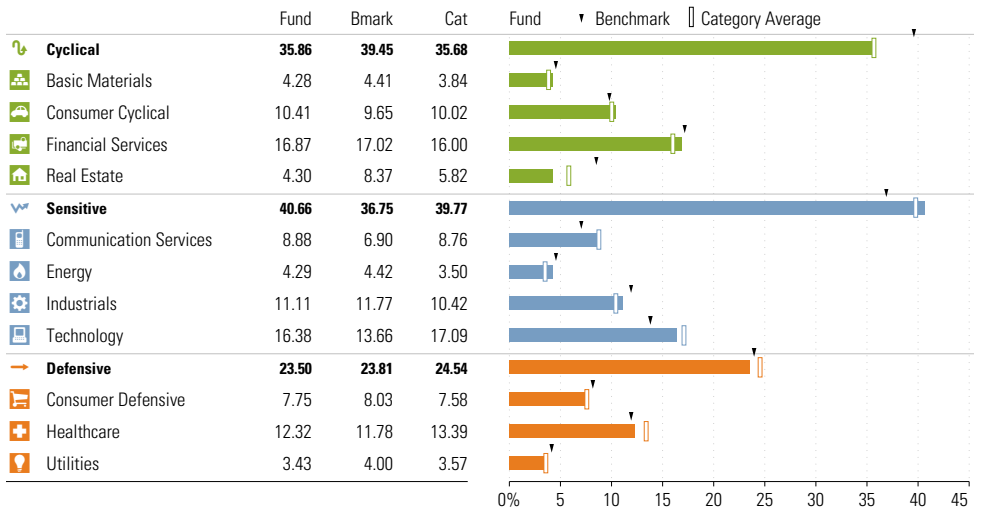
**Style Analysis** as of 12-31-2020  
Morningstar Style Box™



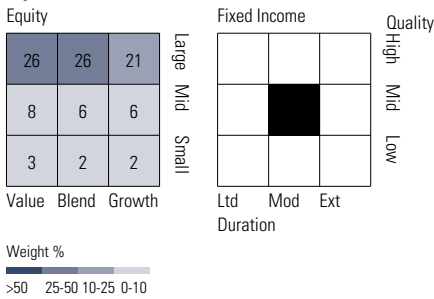
**Asset Allocation** as of 12-31-2020



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



**Style Breakdown**



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

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	49.63	49.63	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	33.18	82.81	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	12.04	94.85	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	4.99	99.84	-	-
⊕ Cmt Market Liquidity Rate	-	0.16	100.00	-	-

**Total Holdings** 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2045 Inv VTIVX

**Morningstar Category**  
Target-Date 2045

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

## Portfolio Manager(s)

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

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2045 category's top three quartiles in 10 of the 10 years it's been in existence.

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

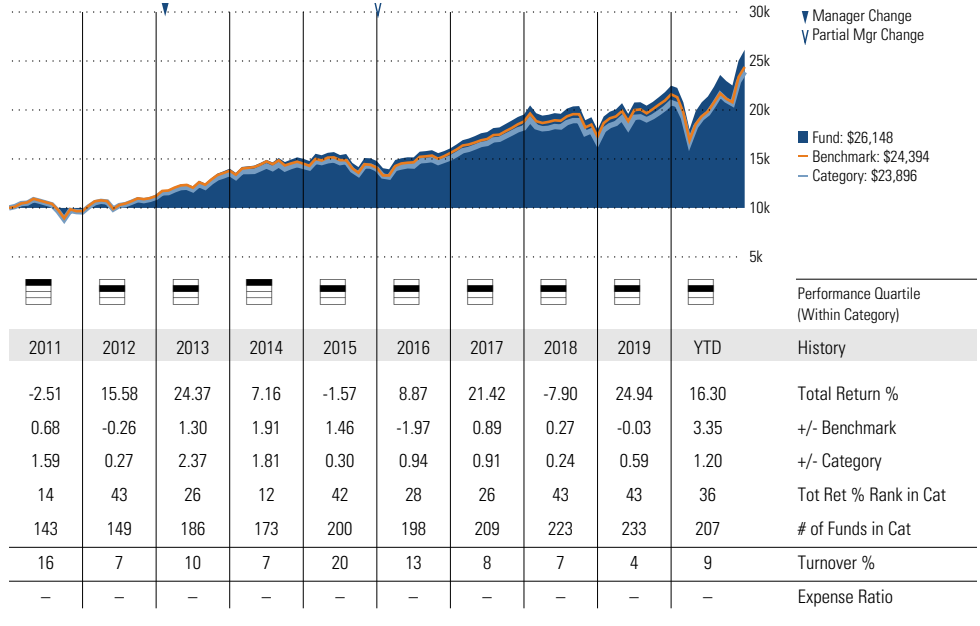
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

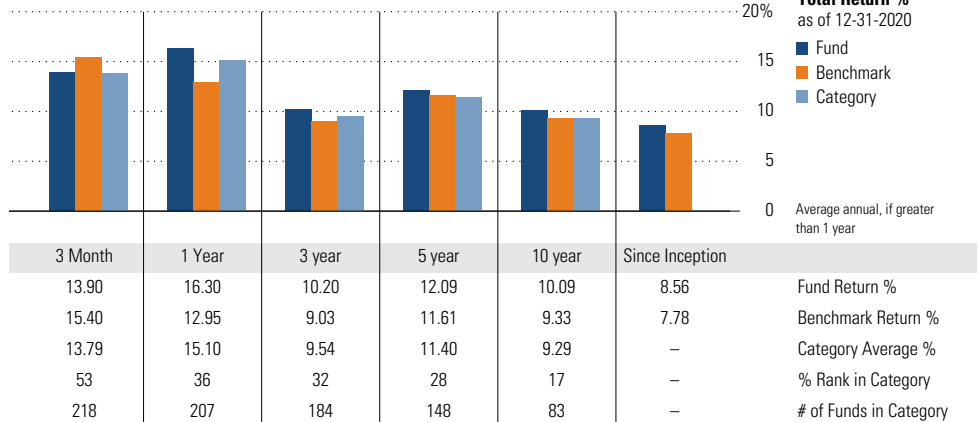
## Morningstar Investment Management LLC Analysis

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

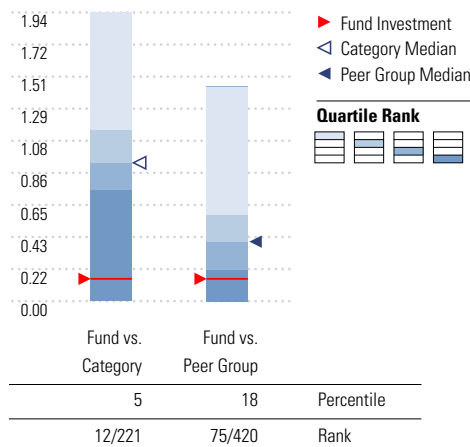
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

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

## Portfolio Metrics

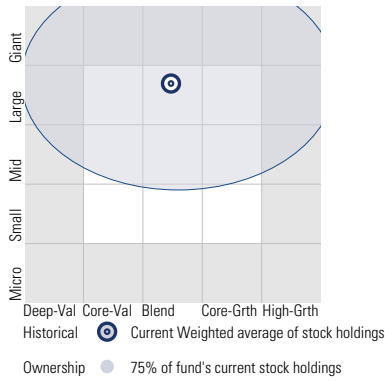
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.76	17.36	18.17
Price/Book Ratio	2.19	2.04	2.23
Avg Eff Duration	6.77	-	5.86

# Vanguard Target Retirement 2045 Inv VTIVX

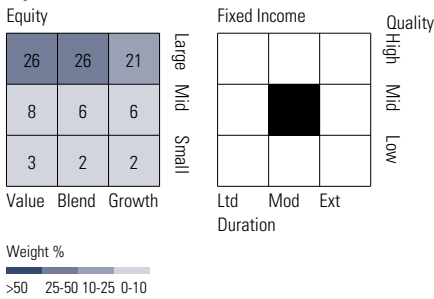
**Morningstar Category**  
Target-Date 2045

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

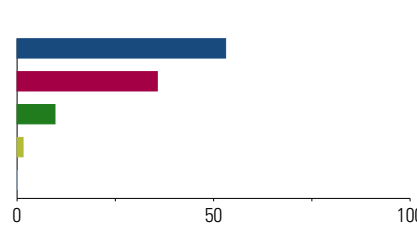
**Style Analysis** as of 12-31-2020  
Morningstar Style Box™



**Style Breakdown**

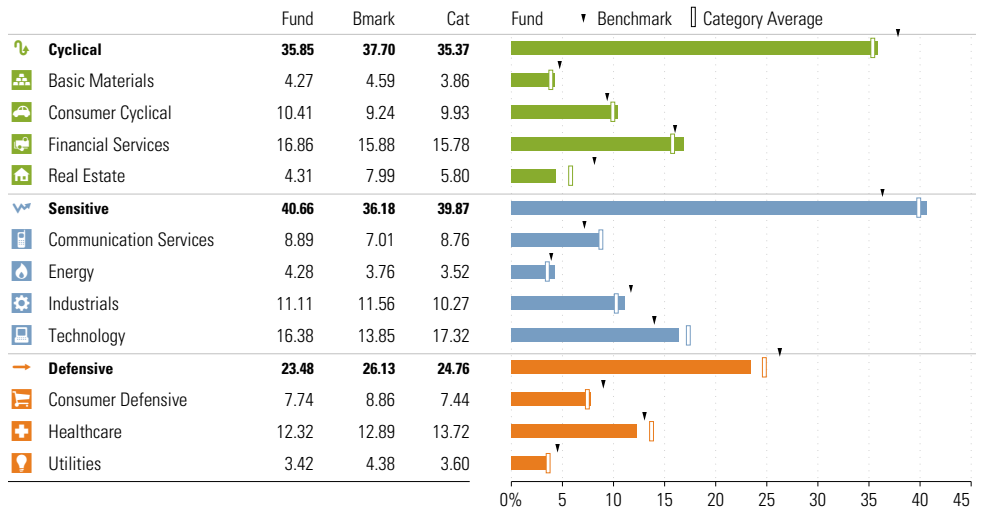


**Asset Allocation** as of 12-31-2020



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

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



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

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

**Total Holdings 5**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Target Retirement 2050 Inv VFIIX

**Morningstar Category**  
Target-Date 2050

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

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

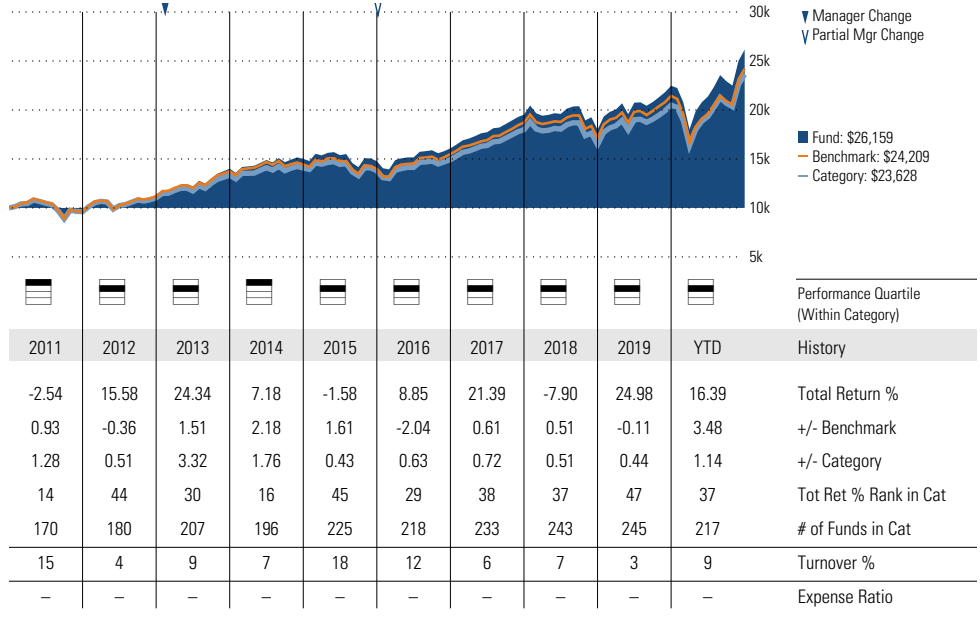
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

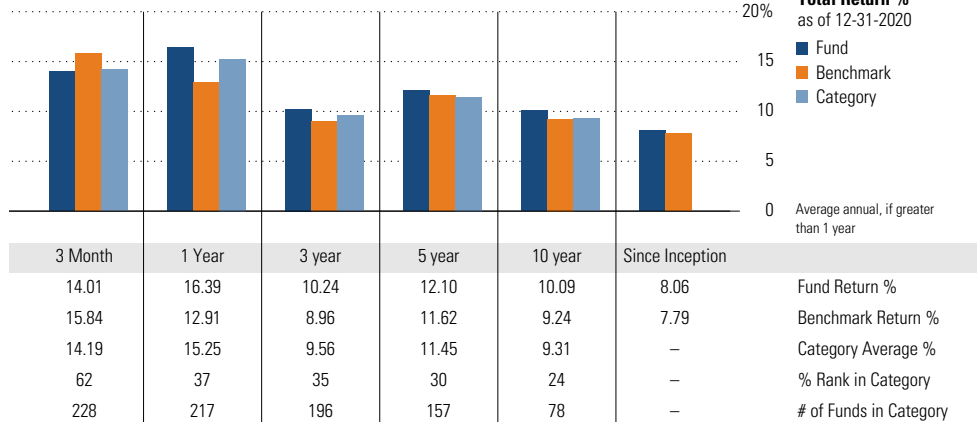
## Morningstar Investment Management LLC Analysis

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

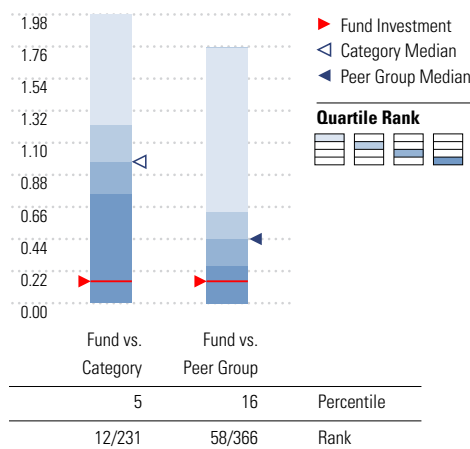
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

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

## Portfolio Metrics

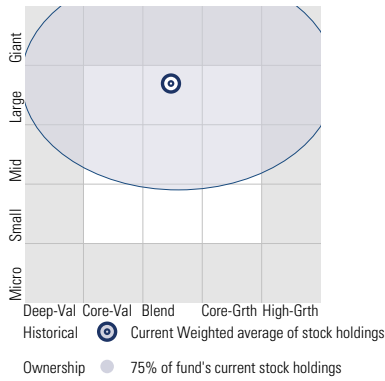
	Fund	Bmark	Cat
Price/Earnings Ratio	17.76	17.28	18.03
Price/Book Ratio	2.19	2.02	2.21
Avg Eff Duration	6.78	-	5.90

# Vanguard Target Retirement 2050 Inv VFIFX

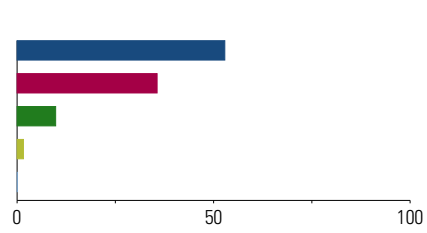
**Morningstar Category**  
Target-Date 2050

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

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

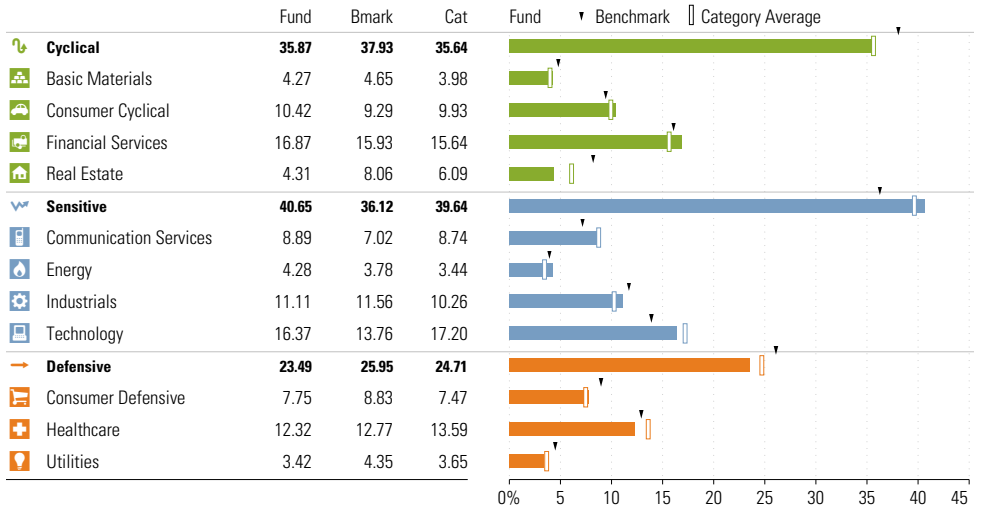


**Asset Allocation** as of 12-31-2020



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

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



**Style Breakdown**



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

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	—	53.78	53.78	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	35.97	89.75	—	—
⊖ Vanguard Total Bond Market II Idx Inv	—	7.04	96.80	—	—
⊖ Vanguard Total Intl Bd Idx Investor	—	2.97	99.77	—	—
⊕ Cmt Market Liquidity Rate	—	0.23	100.00	—	—

**Total Holdings 5**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2055 Inv VFFVX

**Morningstar Category**  
Target-Date 2055

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

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

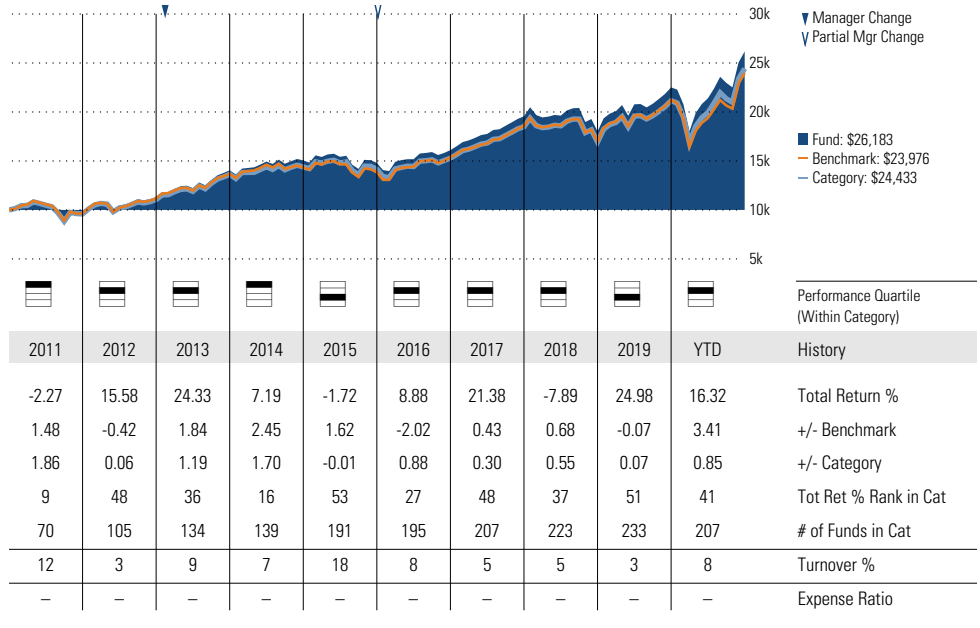
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

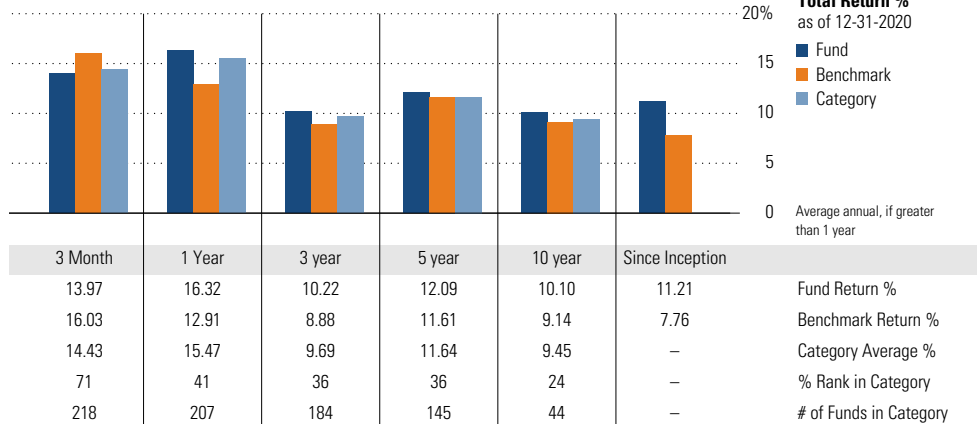
## Morningstar Investment Management LLC Analysis

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

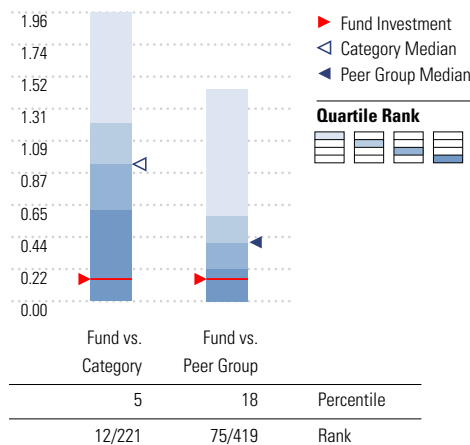
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

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

## Portfolio Metrics

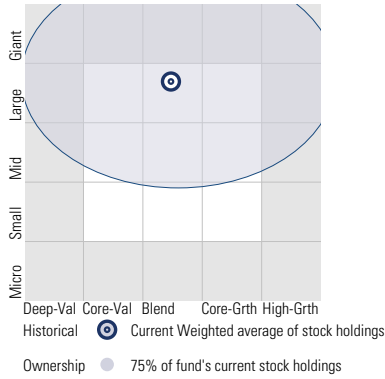
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.75	17.19	17.92
Price/Book Ratio	2.19	2.00	2.19
Avg Eff Duration	6.77	-	5.94

# Vanguard Target Retirement 2055 Inv VFFVX

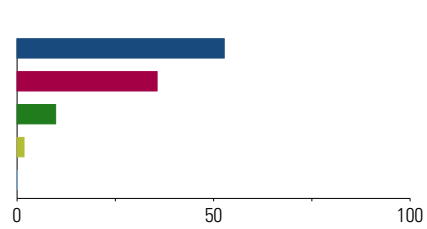
**Morningstar Category**  
Target-Date 2055

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

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

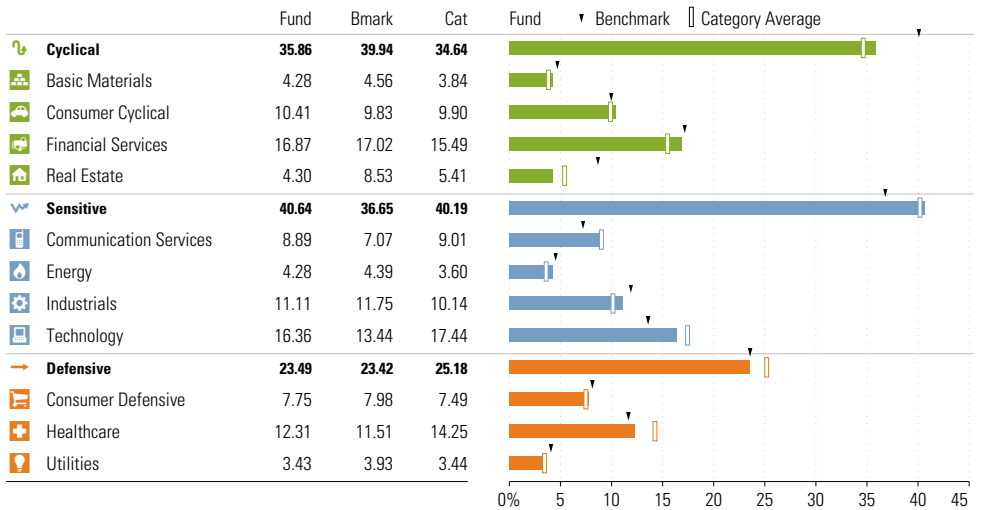


**Asset Allocation** as of 12-31-2020



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

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



**Style Breakdown**



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

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

**Total Holdings** 5

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard Target Retirement 2060 Inv VTTX

**Morningstar Category**  
Target-Date 2060+

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

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

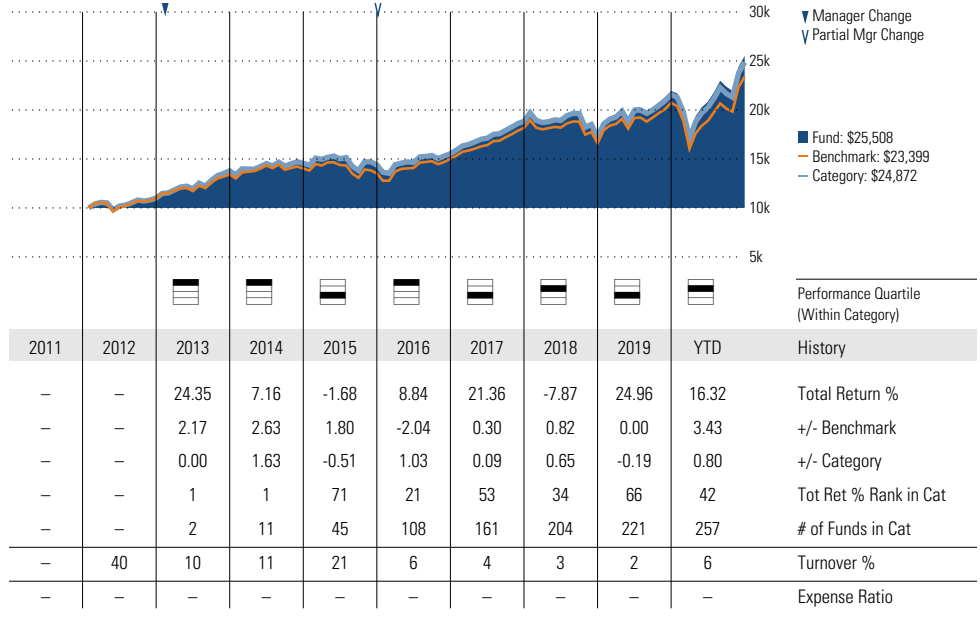
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

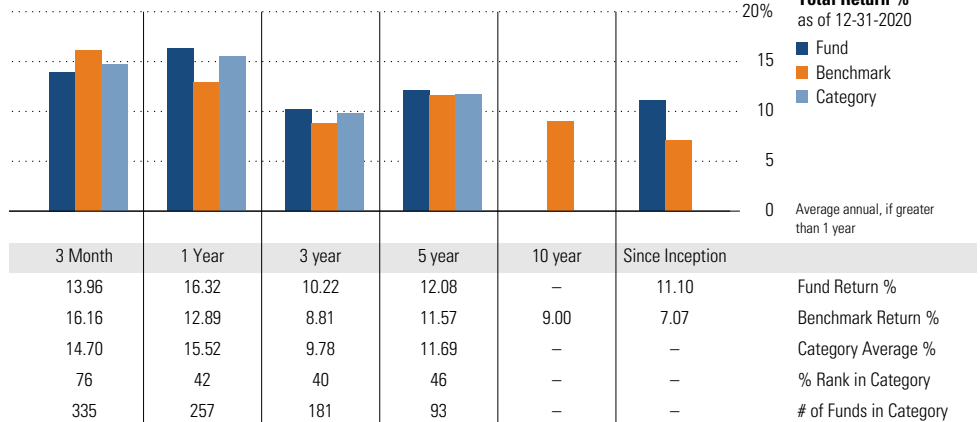
## Morningstar Investment Management LLC Analysis

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

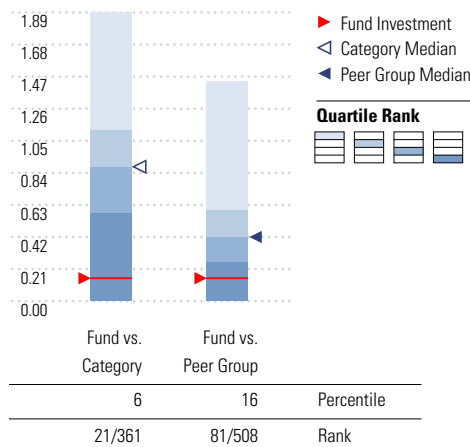
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

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

## Portfolio Metrics

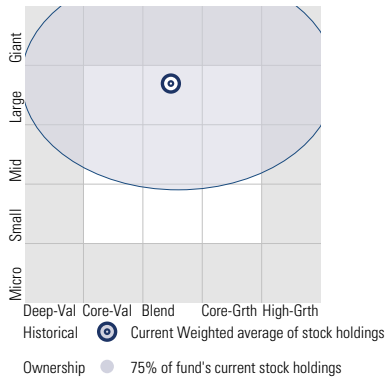
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.75	17.12	-
Price/Book Ratio	2.18	1.99	-
Avg Eff Duration	6.78	-	5.93

# Vanguard Target Retirement 2060 Inv VTTSX

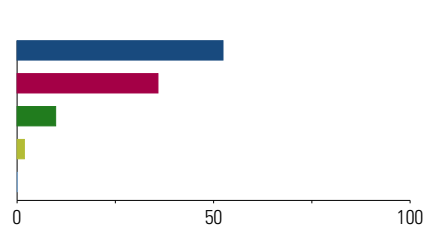
**Morningstar Category**  
Target-Date 2060+

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

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



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



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

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

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

**Style Breakdown**



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

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	53.31	53.31	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	36.21	89.52	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	7.01	96.54	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	3.00	99.53	-	-
⊕ Cmt Market Liquidity Rate	-	0.47	100.00	-	-

**Total Holdings 5**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2065 Inv VLXVX

**Morningstar Category**  
Target-Date 2060+

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

## Portfolio Manager(s)

Walter Nejman since 07-2017  
William Coleman since 07-2017

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2060+ category's top three quartiles in 3 of the 3 years it's been in existence.

✔ **Management:** The fund's management has been in place for 3.47 years.

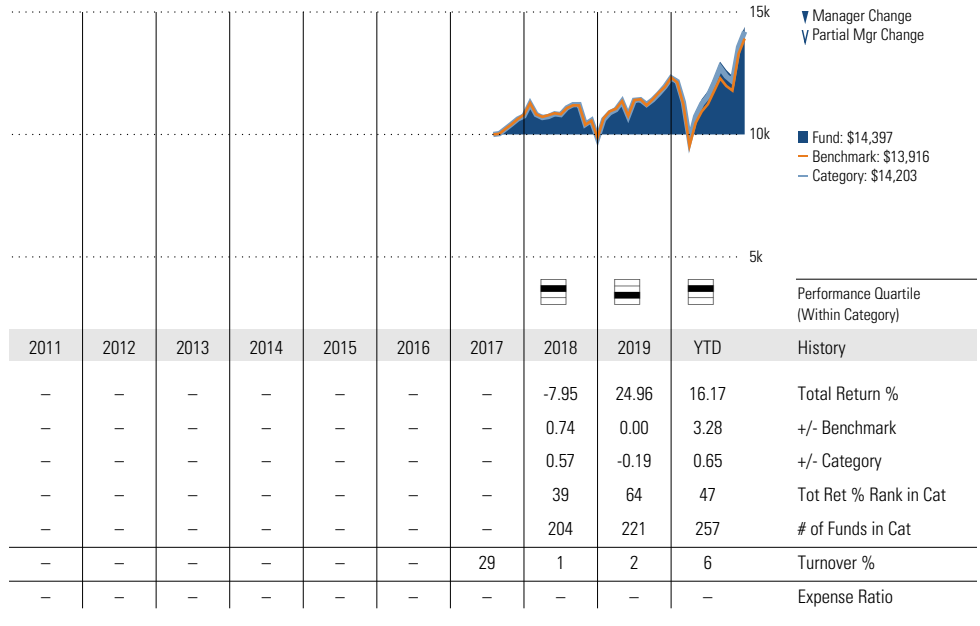
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

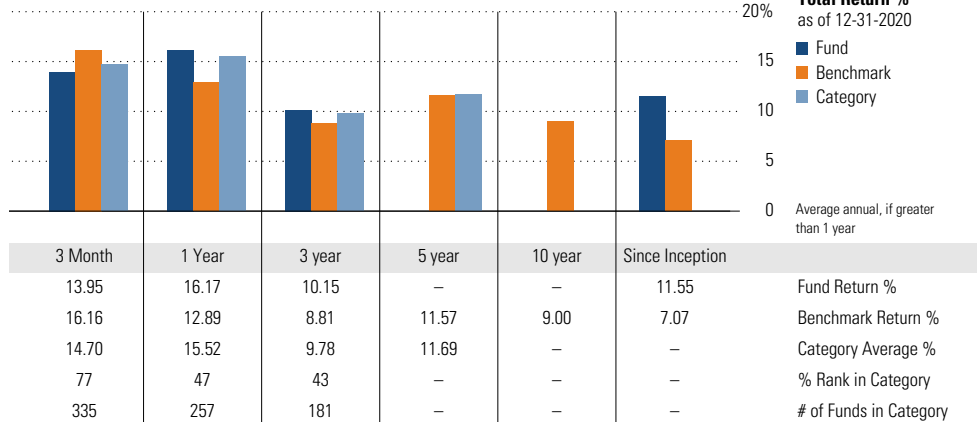
## Morningstar Investment Management LLC Analysis

This fund fails our management tenure screen due to the inception of the new 2065 target date fund. This fund is managed by the same team as the full target date series, so we are comfortable with this screen failure.

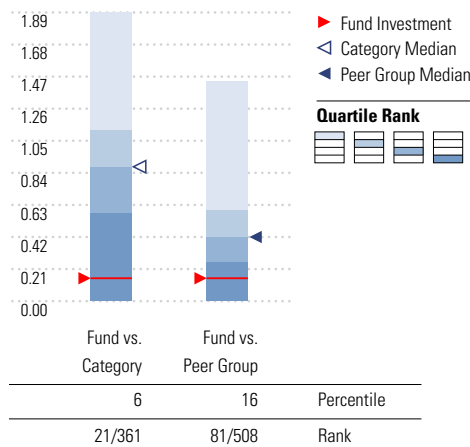
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

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

## Portfolio Metrics

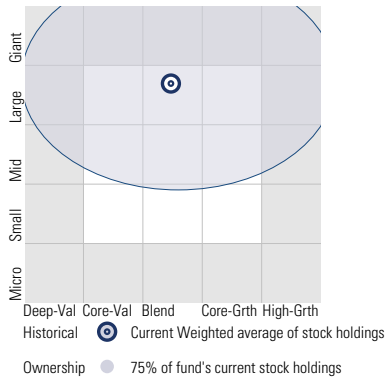
	Fund	Bmark	Cat
Price/Earnings Ratio	-	17.12	-
Price/Book Ratio	-	1.99	-
Avg Eff Duration	6.78	-	5.93

# Vanguard Target Retirement 2065 Inv VLXVX

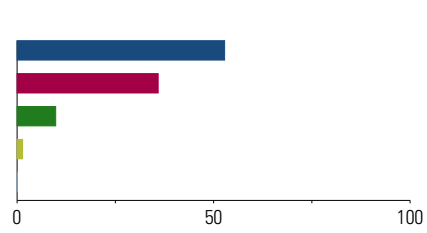
**Morningstar Category**  
Target-Date 2060+

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

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

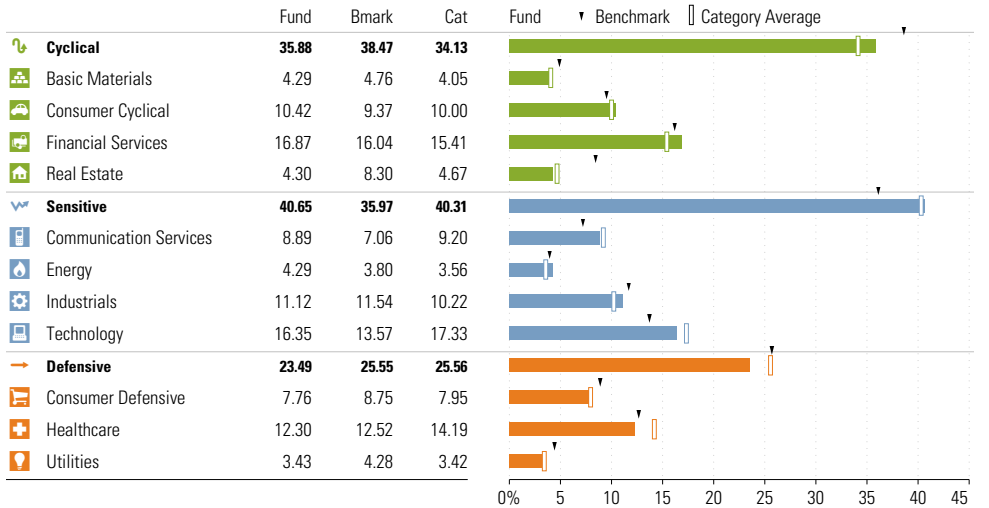


**Asset Allocation** as of 12-31-2020



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

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



**Style Breakdown**



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

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	53.73	53.73	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	36.25	89.98	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	7.02	97.00	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	3.00	100.00	-	-
⊖ Cmt Market Liquidity Rate	-	0.00	100.00	-	-

**Total Holdings 5**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Target Retirement Income Inv VTINX

**Morningstar Category**  
Target-Date Retirement

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

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

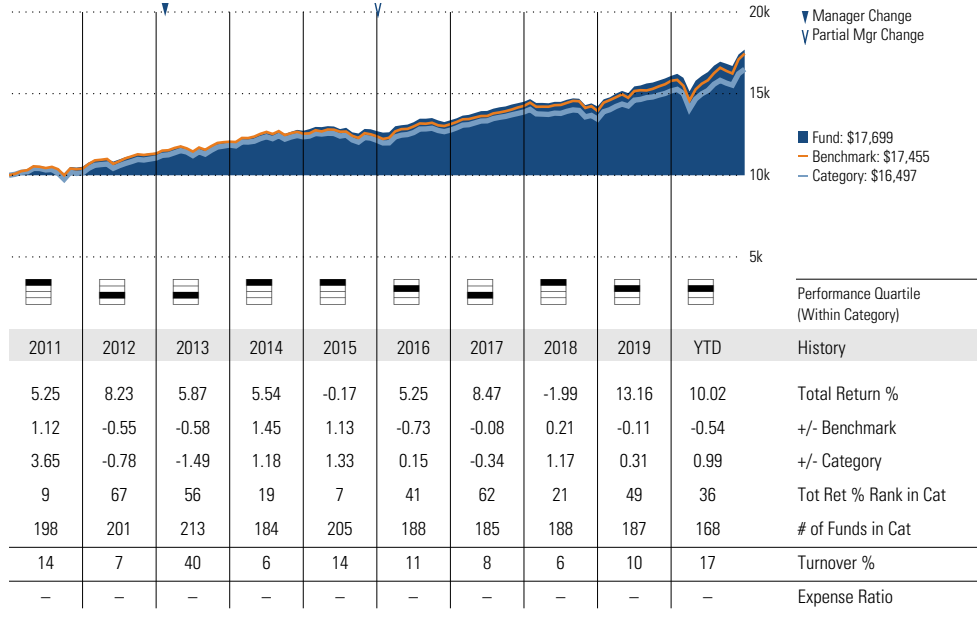
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

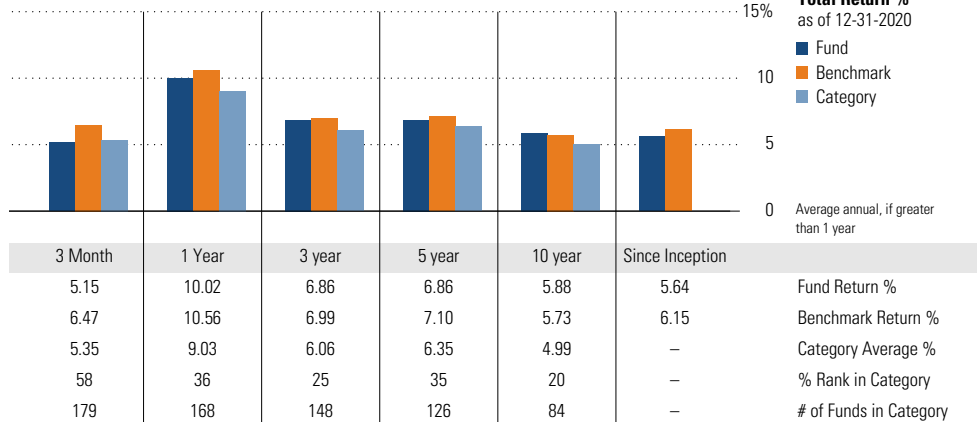
## Morningstar Investment Management LLC Analysis

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

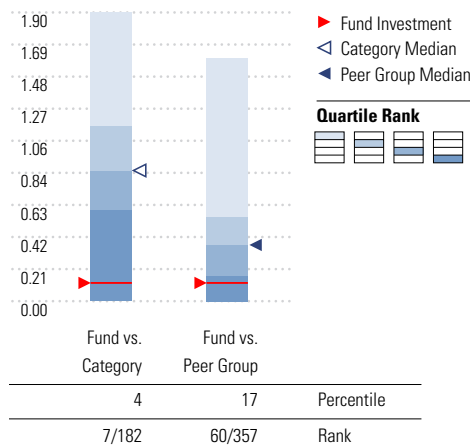
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

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

## Portfolio Metrics

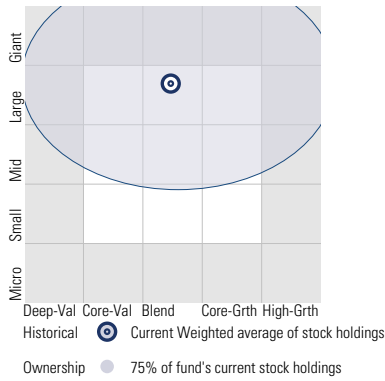
	Fund	Bmark	Cat
Price/Earnings Ratio	17.76	18.03	17.72
Price/Book Ratio	2.19	2.24	2.19
Avg Eff Duration	5.79	4.99	5.35

# Vanguard Target Retirement Income Inv VTINX

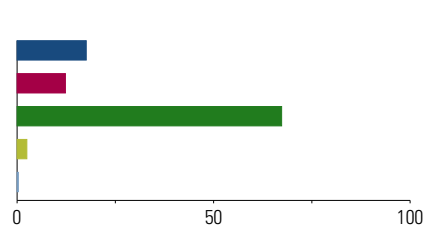
**Morningstar Category**  
Target-Date Retirement

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

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

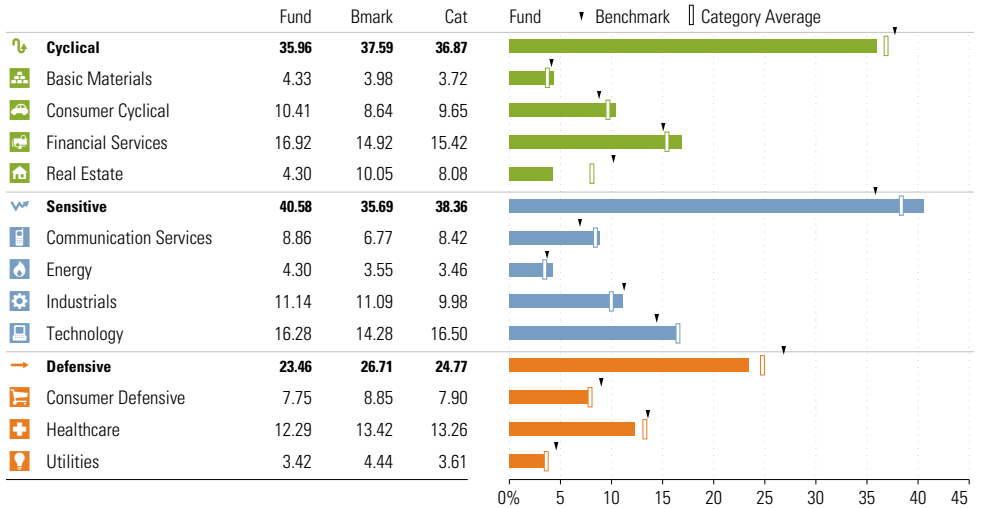


**Asset Allocation** as of 12-31-2020

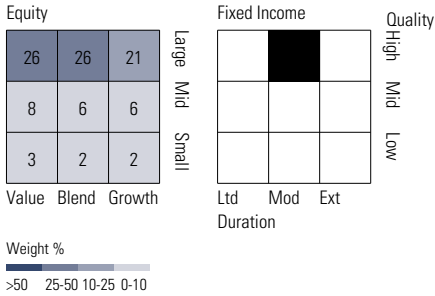


Asset Class	Net %	Cat%
US Stocks	17.59	19.28
Non-US Stocks	12.29	9.68
Bonds	67.31	56.08
Cash	2.48	5.53
Other	0.31	9.43
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

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



**Style Breakdown**



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

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

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio