

# American Funds Intl Gr and Inc R6 RIGGX

**Morningstar Category**  
Foreign Large Blend

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

## Portfolio Manager(s)

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

## Quantitative Screens

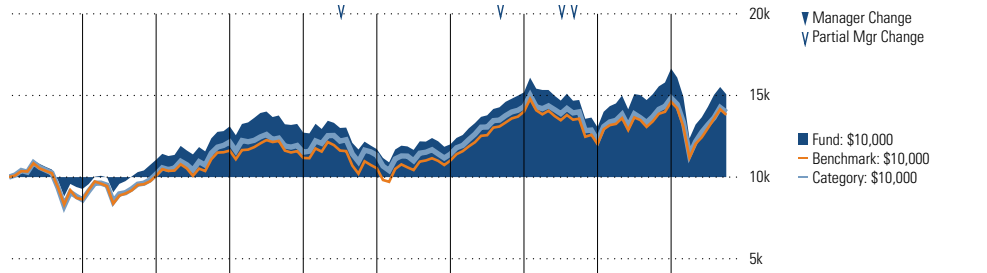
✔ **Performance:** The fund has finished in the Foreign Large Blend category's top three quartiles in 8 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 12.01 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.54 is 42.55% lower than the Foreign Large Blend category average.

## Growth of \$10,000

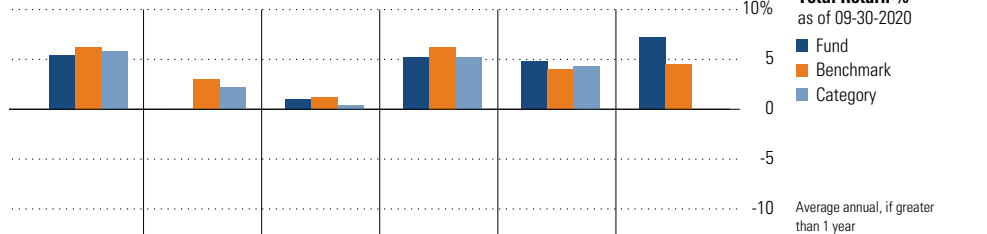


2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	History
-7.25	19.30	18.47	-2.92	-7.97	2.54	26.50	-14.10	27.54	-9.44	Total Return %
6.46	2.47	3.18	0.95	-2.31	-1.96	-0.69	0.10	6.03	-4.00	+/- Benchmark
6.72	1.01	-0.97	2.06	-6.38	1.75	1.38	0.49	5.95	-3.71	+/- Category
3	29	61	20	90	28	33	43	5	85	Tot Ret % Rank in Cat
755	740	752	680	727	720	733	723	748	774	# of Funds in Cat
31	24	37	-	25	37	37	27	35	35	Turnover %
-	-	0.61	0.59	0.58	0.58	0.58	0.57	0.57	0.54	Expense Ratio

## Morningstar Investment Management LLC Analysis

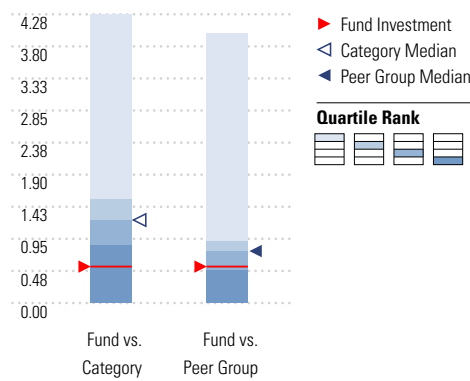
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	
5.39	-0.01	1.04	5.21	4.79	7.19	Fund Return %
6.25	3.00	1.16	6.23	4.00	4.53	Benchmark Return %
5.80	2.19	0.41	5.19	4.34	-	Category Average %
57	69	43	52	30	-	% Rank in Category
785	761	651	551	368	-	# of Funds in Category

## Net Expense



Fund vs. Category	Fund vs. Peer Group	Percentile
23	27	
182/795	150/559	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	-0.06	-	-0.51
Beta	1.04	-	0.99
R-Squared	97.55	-	95.09
Standard Deviation	17.01	16.23	16.45
Sharpe Ratio	0.05	0.05	0.02
Tracking Error	2.72	-	3.81
Information Ratio	-0.04	-	-0.16
Up Capture Ratio	100.18	-	95.87
Down Capture Ratio	100.73	-	98.50

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	19.63	18.53	19.34
Price/Book Ratio	1.78	1.60	1.66
Geom Avg Mkt Cap \$B	45.69	38.32	41.07
ROE	15.01	13.40	14.15

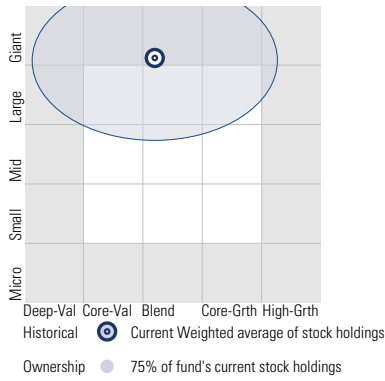
# American Funds Intl Gr and Inc R6 RIGGX

**Morningstar Category**  
Foreign Large Blend

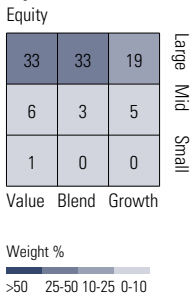
**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Style Analysis as of 09-30-2020

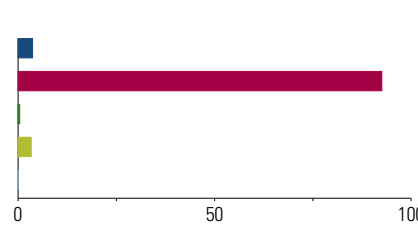
Morningstar Style Box™



## Style Breakdown

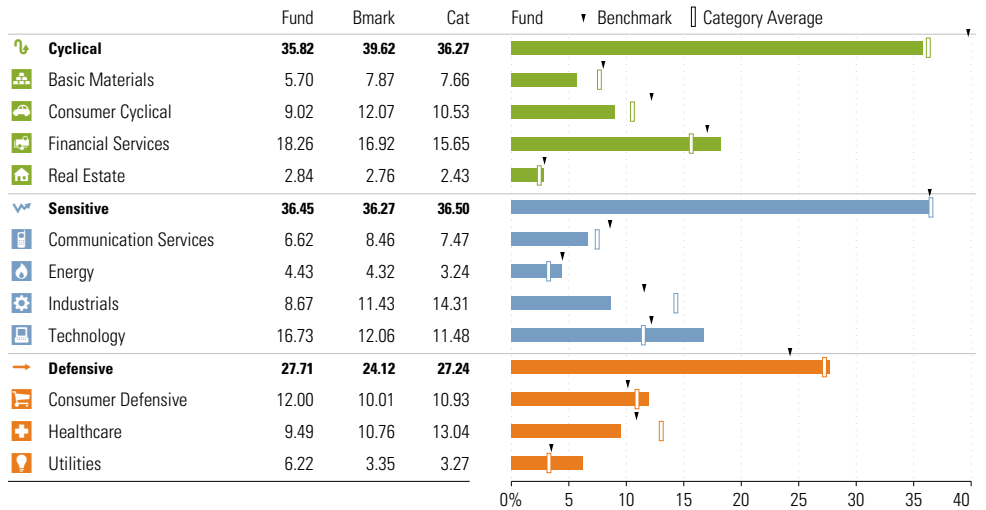


## Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	3.68	4.00
Non-US Stocks	92.54	93.45
Bonds	0.41	0.59
Cash	3.34	0.92
Other	0.03	1.03
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020



## World Regions % Equity 09-30-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	31.44	37.93	Americas	11.61	7.10	Greater Europe	56.94	54.97	Developed Markets	82.91
Japan	7.05	20.42	North America	7.41	6.36	United Kingdom	15.89	12.15	Emerging Markets	17.09
Australasia	0.74	5.17	Central/Latin	4.20	0.74	W euro-ex UK	37.60	41.64	Not Available	0.00
Asia-4 Tigers	14.21	6.67				Emrgng Europe	2.57	0.35		
Asia-ex 4 Tigers	9.44	5.67				Africa	0.88	0.83		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Taiwan Semiconductor Manufacturing Co Ltd	5.04	5.04	33.08	Technology
⊖ Capital Group Central Cash M	3.52	8.56	-	-
⊖ AstraZeneca PLC	2.64	11.20	14.01	Healthcare
⊕ British American Tobacco PLC	2.62	13.81	-10.79	Consumer Defensive
Enel SpA	2.17	15.98	9.53	Utilities
⊖ ASML Holding NV	2.15	18.13	19.85	Technology
⊕ Samsung Electronics Co Ltd Participating Preferred	1.81	19.94	-	Technology
⊖ Nestle SA	1.67	21.61	6.93	Consumer Defensive
⊖ AIA Group Ltd	1.61	23.23	-5.64	Financial Services
⊕ Tokyo Electron Ltd	1.41	24.64	16.94	Technology

**Total Holdings 228**

⊕ 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 20.02 years.

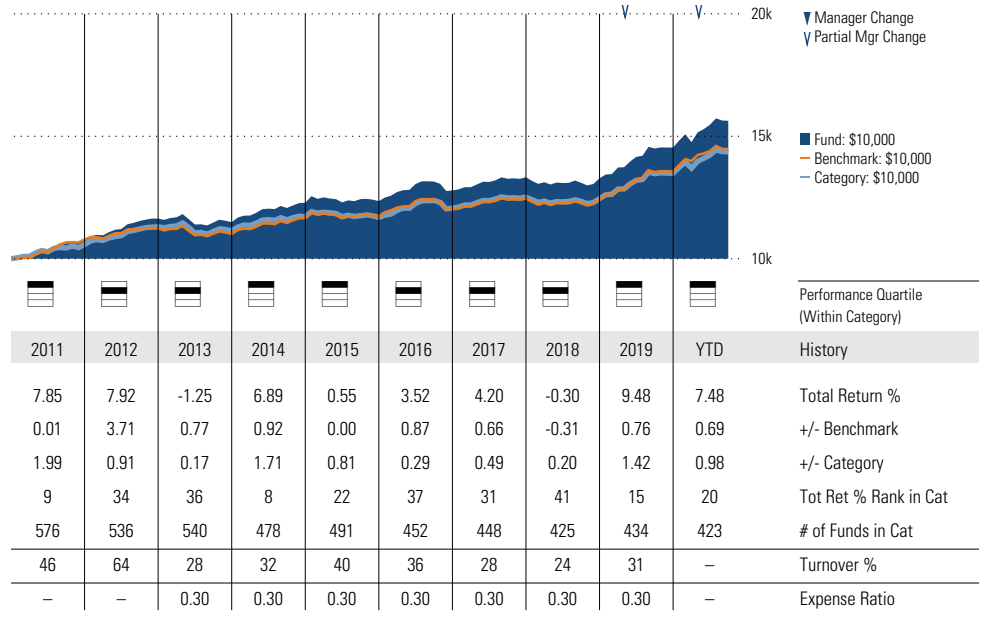
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.3 is 51.61% lower than the Intermediate Core Bond category average.

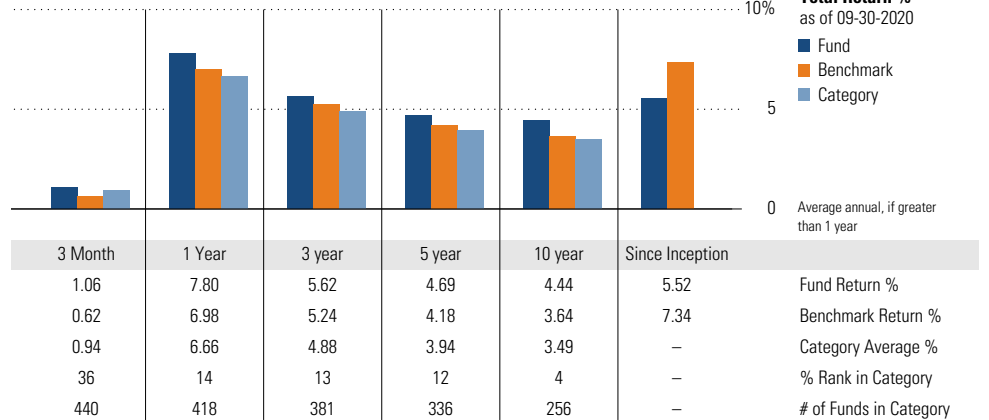
## Morningstar Investment Management LLC Analysis

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.

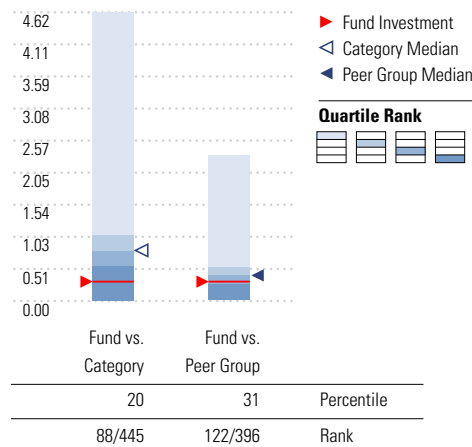
## Growth of \$10,000



## 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	0.01	-	-0.26
Beta	1.07	-	0.98
R-Squared	91.12	-	83.98
Standard Deviation	3.78	3.37	3.64
Sharpe Ratio	1.05	1.07	0.90
Tracking Error	1.15	-	1.43
Information Ratio	0.33	-	-0.42
Up Capture Ratio	109.33	-	98.36
Down Capture Ratio	114.21	-	111.19

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	6.12	4.43	5.42
Avg Eff Maturity	7.84	-	7.44

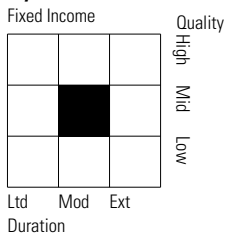
# Baird Aggregate Bond Inst BAGIX

**Morningstar Category**  
Intermediate Core Bond

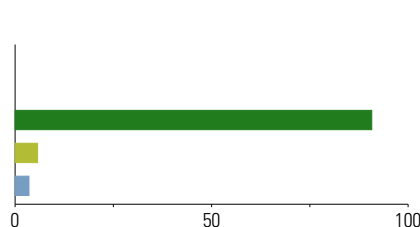
**Morningstar Index**  
BBgBarc US Agg Bond TR USD

## Style Analysis as of 09-30-2020

### Style Breakdown



## Asset Allocation as of 09-30-2020

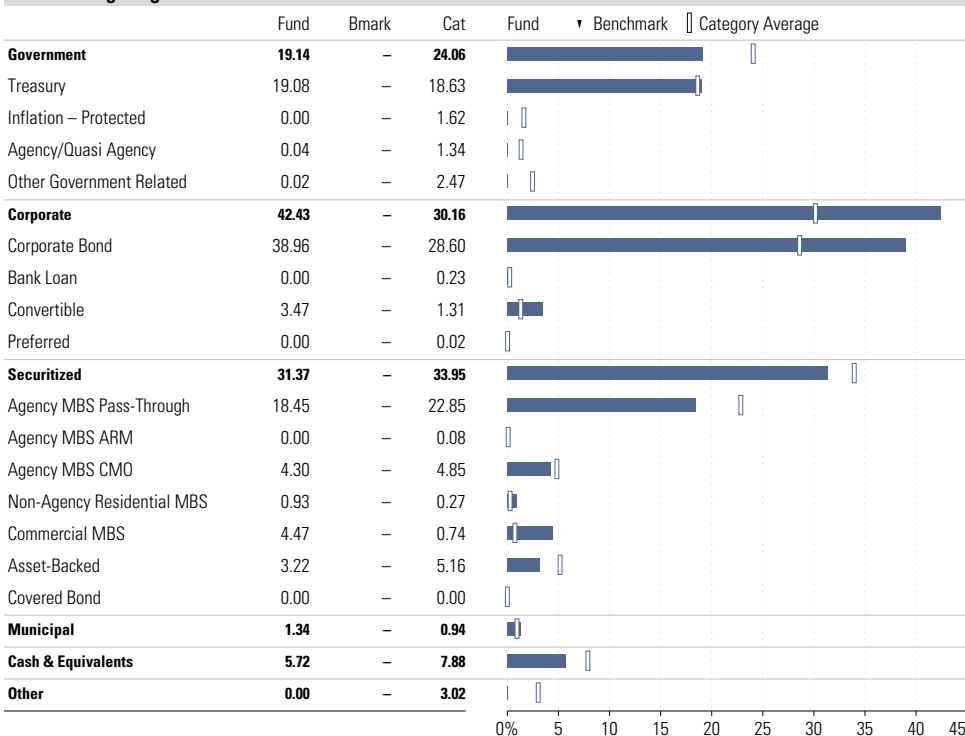


Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.00
Bonds	90.75	91.64
Cash	5.72	5.61
Other	3.53	2.73
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	55.30	3.53	41.98
AA	3.80	74.59	11.97
A	16.60	10.82	26.54
BBB	23.40	8.32	13.91
BB	0.90	0.28	3.29
B	0.00	0.00	1.09
Below B	0.00	0.00	0.43
Not Rated	0.00	2.46	0.80

## Sector Weighting as of 09-30-2020



## Top 10 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ First American Government Oblig U	02-2030	4.68	4.68	-
⊕ United States Treasury Bonds 2.88%	05-2043	4.62	9.30	-
⊖ United States Treasury Notes 1.88%	03-2022	3.80	13.09	-
⊕ United States Treasury Bonds 2.5%	02-2045	3.45	16.54	-
⊕ United States Treasury Notes 2.13%	12-2022	1.64	18.19	-
⊕ United States Treasury Notes 2%	11-2026	1.50	19.68	-
⊕ United States Treasury Bonds 2.88%	05-2049	1.37	21.05	-
⊕ United States Treasury Notes 2.5%	05-2024	1.32	22.37	-
⊕ United States Treasury Notes 2.25%	11-2027	0.88	23.25	-
⊕ Fidelity® Inv MM Fds Government Instl	12-2050	0.70	23.95	-

**Total Holdings 1435**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# DFA International Value I DFIVX

**Morningstar Category**  
Foreign Large Value

**Morningstar Index**  
MSCI EAFE NR USD

## Portfolio Manager(s)

Jed Fogdall since 02-2010  
Bhanu Singh since 07-2015  
Mary Phillips since 07-2015  
Arun Keswani since 02-2020

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 10.59 years.

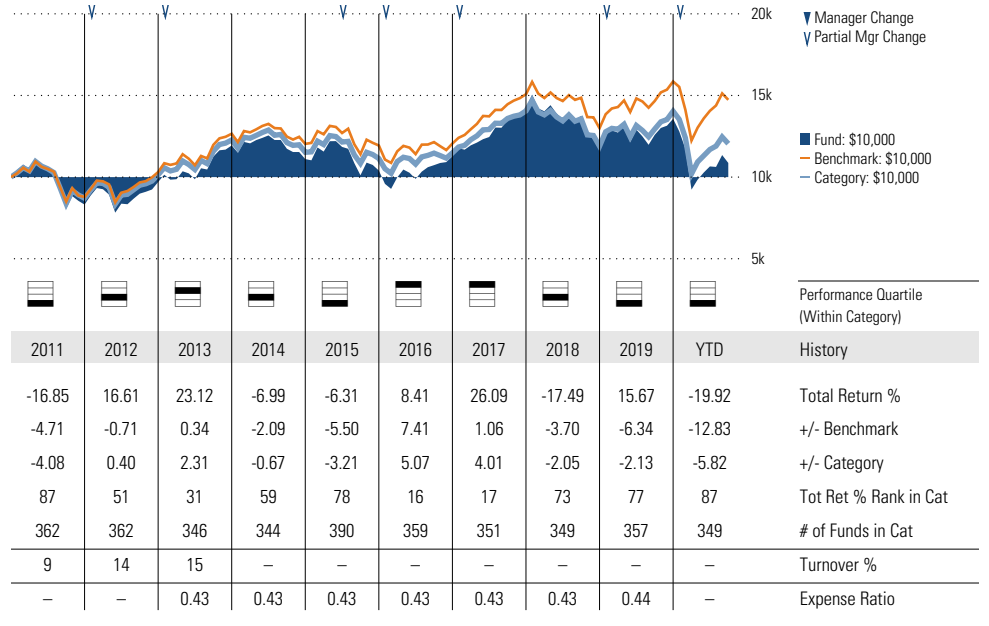
✔ **Style:** The fund has landed in its primary style box — Large Value — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.39 is 63.21% lower than the Foreign Large Value category average.

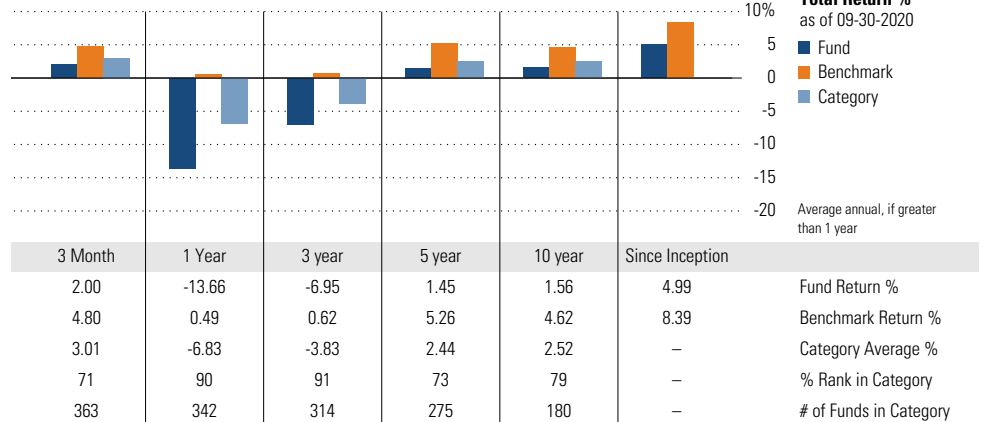
## Morningstar Investment Management LLC Analysis

This fund fails the performance consistency screen. The fund has a deeper-value tilt and somewhat smaller-cap positioning than most of its category peers, which can lead it to rank near the top or bottom of its category as these styles come in and out of favor. It's style has been consistent though and we are not concerned about this screen failure.

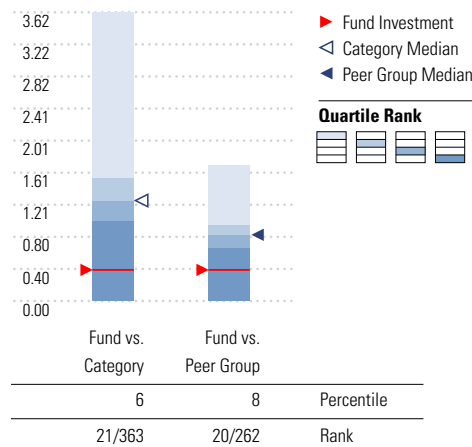
## Growth of \$10,000



## 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	-7.37	-	-4.56
Beta	1.27	-	1.10
R-Squared	94.37	-	93.16
Standard Deviation	20.12	15.45	17.57
Sharpe Ratio	-0.33	0.01	-0.23
Tracking Error	6.29	-	4.99
Information Ratio	-1.20	-	-1.01
Up Capture Ratio	107.20	-	95.81
Down Capture Ratio	143.38	-	118.15

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	13.68	19.92	14.64
Price/Book Ratio	0.81	1.54	1.00
Geom Avg Mkt Cap \$B	23.63	36.00	29.55
ROE	4.36	12.77	9.40

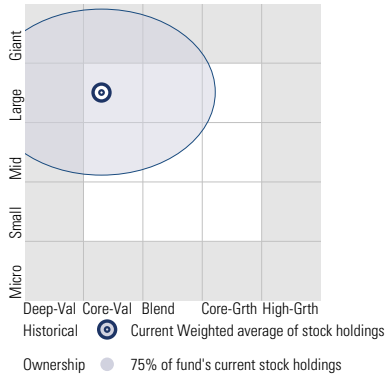
# DFA International Value I DFIVX

**Morningstar Category**  
Foreign Large Value

**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 09-30-2020

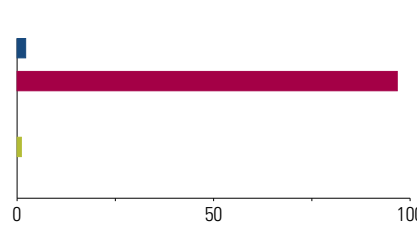
Morningstar Style Box™



## Style Breakdown

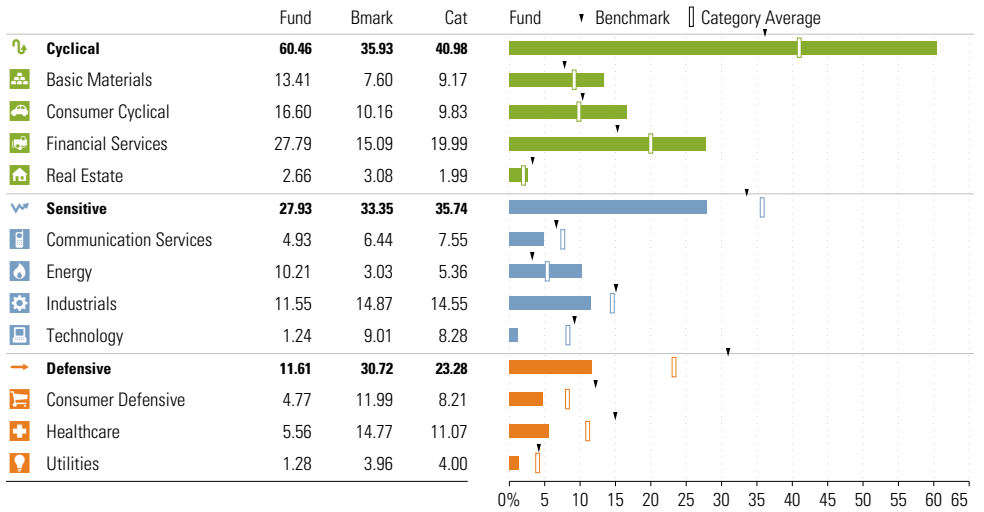


## Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	2.18	3.62
Non-US Stocks	96.73	94.66
Bonds	0.00	0.24
Cash	1.08	1.40
Other	0.00	0.09
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020



## World Regions % Equity 09-30-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %
Greater Asia	33.12	33.75	Americas	8.76	6.09	Greater Europe	58.13	60.16	Market Maturity	Fund %
Japan	23.42	19.08	North America	8.76	5.29	United Kingdom	11.88	16.23	Developed Markets	99.68
Australasia	6.15	3.05	Central/Latin	0.00	0.80	W euro-ex UK	45.86	43.05	Emerging Markets	0.32
Asia-4 Tigers	3.23	7.74				Emrgng Europe	0.00	0.40	Not Available	0.00
Asia-ex 4 Tigers	0.32	3.88				Africa	0.39	0.48		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Total SE	2.60	2.60	-35.20	Energy
⊖ Toyota Motor Corp	2.34	4.94	-8.58	Consumer Cyclical
⊖ Daimler AG	1.58	6.52	-4.93	Consumer Cyclical
⊖ Zurich Insurance Group AG	1.57	8.10	-14.20	Financial Services
⊕ Novartis AG	1.49	9.59	-9.84	Healthcare
⊖ Koninklijke Ahold Delhaize NV	1.49	11.08	17.56	Consumer Defensive
⊕ Royal Dutch Shell PLC ADR Class B	1.40	12.48	-56.98	Energy
⊖ Volkswagen AG Participating Preferred	1.12	13.59	-22.04	Consumer Cyclical
⊖ Honda Motor Co Ltd	1.11	14.71	-18.57	Consumer Cyclical
⊖ Vestas Wind Systems A/S	1.08	15.79	54.18	Industrials

**Total Holdings 557**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# DFA US Small Cap Value I DFSVX

**Morningstar Category**  
Small Value

**Morningstar Index**  
Russell 2000 Value TR USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 8.59 years.

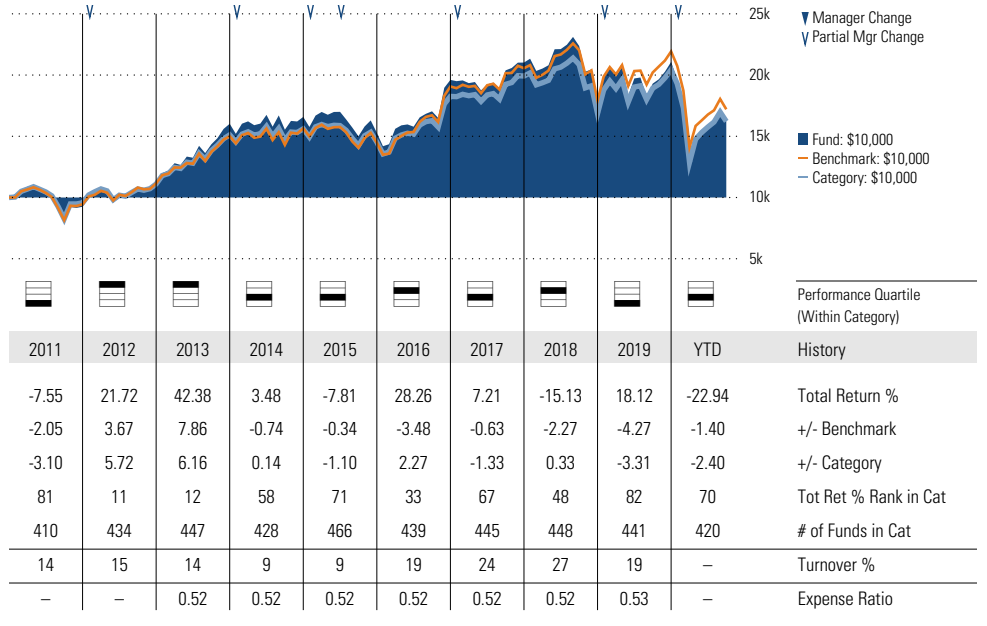
✔ **Style:** The fund has landed in its primary style box — Small Value — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.51 is 56.78% lower than the Small Value category average.

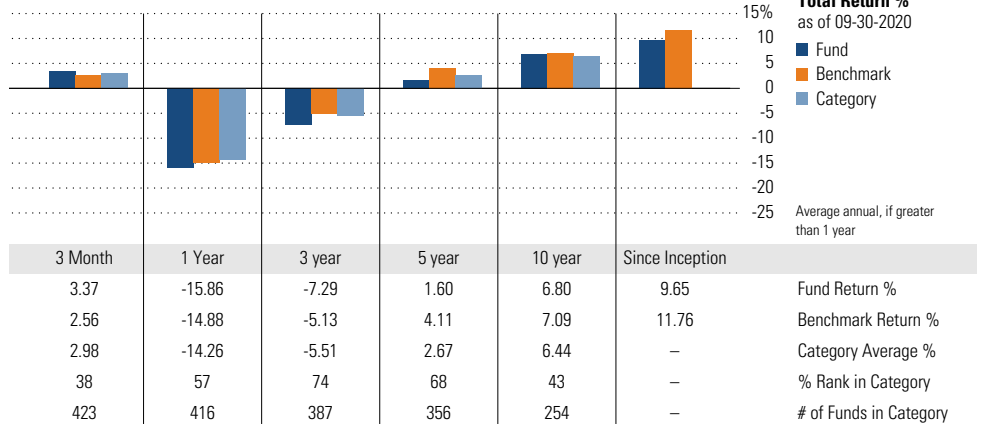
## Morningstar Investment Management LLC Analysis

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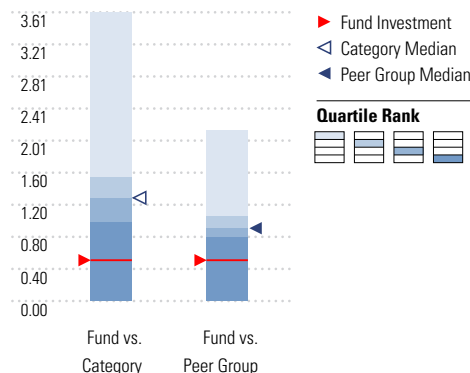
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-1.25	-	0.00
Beta	1.12	-	1.03
R-Squared	98.75	-	96.45
Standard Deviation	26.52	23.56	24.82
Sharpe Ratio	-0.21	-0.17	-0.16
Tracking Error	4.07	-	5.05
Information Ratio	-0.53	-	-0.10
Up Capture Ratio	108.50	-	102.08
Down Capture Ratio	113.48	-	102.92

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	13.17	14.06	15.68
Price/Book Ratio	0.96	1.28	1.19
Geom Avg Mkt Cap \$B	1.69	1.54	2.64
ROE	2.64	-0.97	5.90

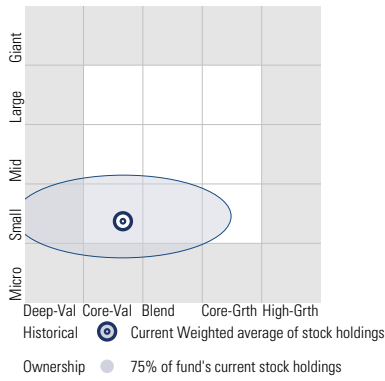
# DFA US Small Cap Value I DFSVX

**Morningstar Category**  
Small Value

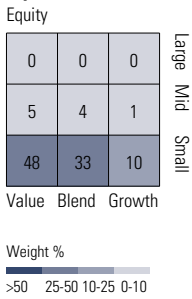
**Morningstar Index**  
Russell 2000 Value TR USD

## Style Analysis as of 09-30-2020

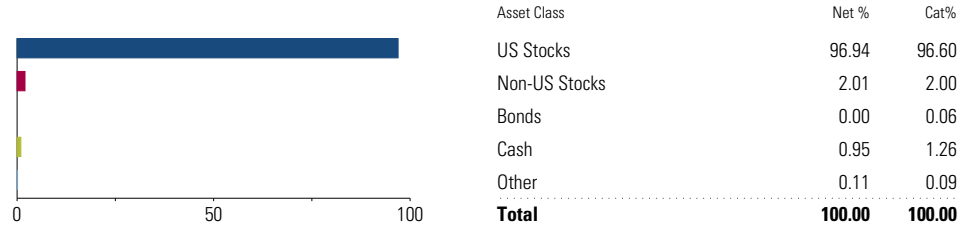
Morningstar Style Box™



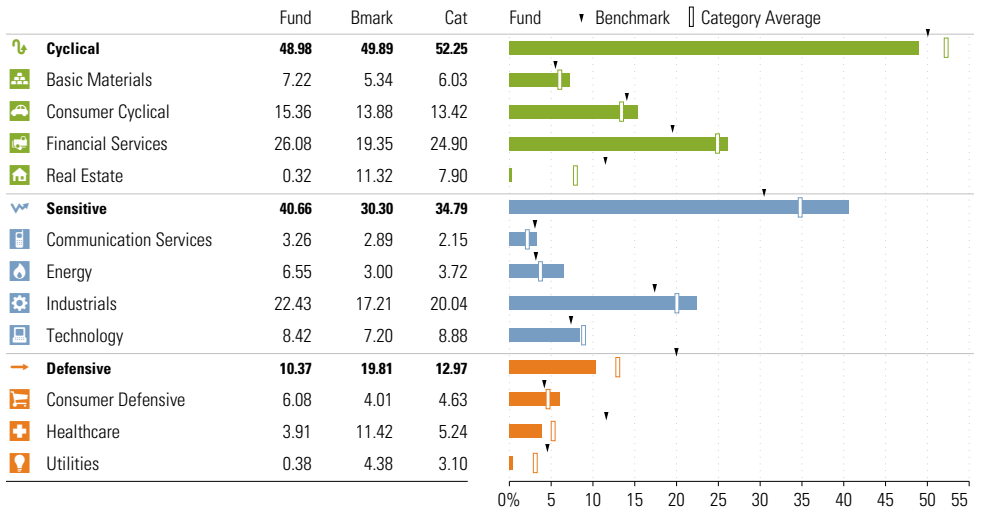
## Style Breakdown



## Asset Allocation as of 09-30-2020



## Sector Weighting as of 09-30-2020



## Top 15 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Meritage Homes Corp	1.22	1.22	80.64	Consumer Cyclical
⊖ Darling Ingredients Inc	1.14	2.36	28.31	Consumer Defensive
⊖ S+p500 Emini Fut Sep20 Xcme 20200918	1.05	3.41	-	-
⊕ Ssc Government Mm Gvmxx	0.97	4.38	-	-
AutoNation Inc	0.90	5.28	8.84	Consumer Cyclical
⊖ Regal Beloit Corp	0.86	6.14	10.70	Industrials
⊖ Taylor Morrison Home Corp Class A	0.79	6.93	12.49	Consumer Cyclical
American Equity Investment Life Holding Co	0.71	7.64	-26.53	Financial Services
⊖ M.D.C. Holdings Inc	0.68	8.32	26.02	Consumer Cyclical
⊖ Amkor Technology Inc	0.67	8.99	-13.85	Technology
⊖ Element Solutions Inc	0.66	9.65	-10.02	Basic Materials
CNO Financial Group Inc	0.66	10.30	-9.60	Financial Services
⊖ Acadia Healthcare Co Inc	0.65	10.95	-11.26	Healthcare
⊖ Commercial Metals Co	0.65	11.60	-8.67	Basic Materials
⊕ Colfax Corp	0.64	12.24	-13.80	Industrials

**Total Holdings 973**

⊕ 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 5.91 years.

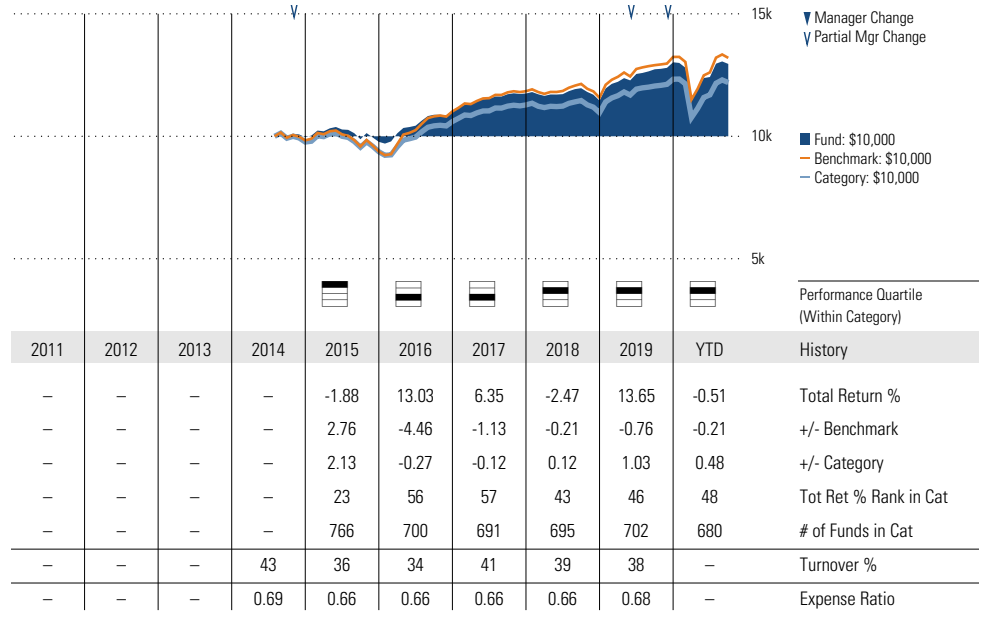
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.66 is 31.96% lower than the High Yield Bond category average.

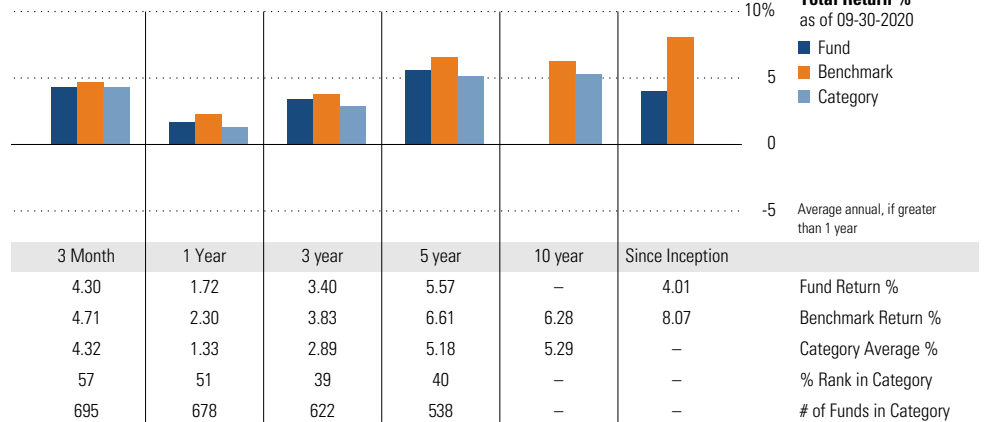
## Morningstar Investment Management LLC Analysis

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.

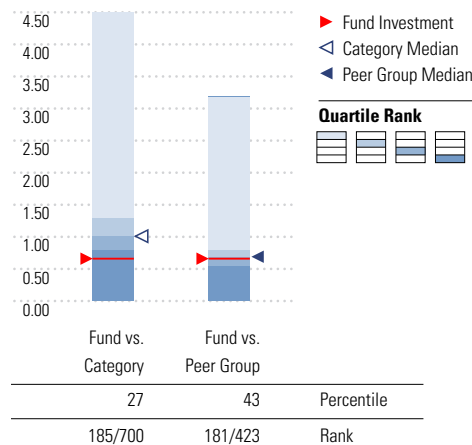
## Growth of \$10,000



## 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

	Fund	Bmark	Cat
Alpha	-0.08	-	-0.71
Beta	0.90	-	0.96
R-Squared	99.09	-	95.34
Standard Deviation	8.39	9.26	9.12
Sharpe Ratio	0.25	0.28	0.20
Tracking Error	1.21	-	2.21
Information Ratio	-0.36	-	-0.43
Up Capture Ratio	87.72	-	90.84
Down Capture Ratio	87.34	-	97.86

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	3.79	-	3.48
Avg Eff Maturity	5.68	-	5.39

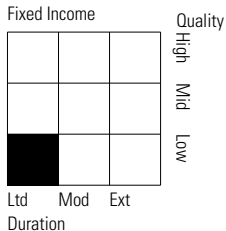
# Eaton Vance Income Fund of Boston R6 EIBRX

**Morningstar Category**  
High Yield Bond

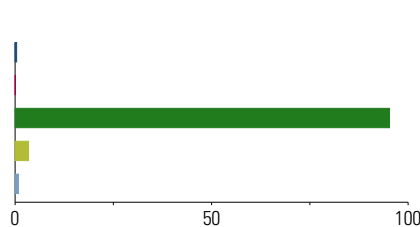
**Morningstar Index**  
ICE BofA US High Yield TR USD

## Style Analysis as of 09-30-2020

### Style Breakdown



## Asset Allocation as of 09-30-2020

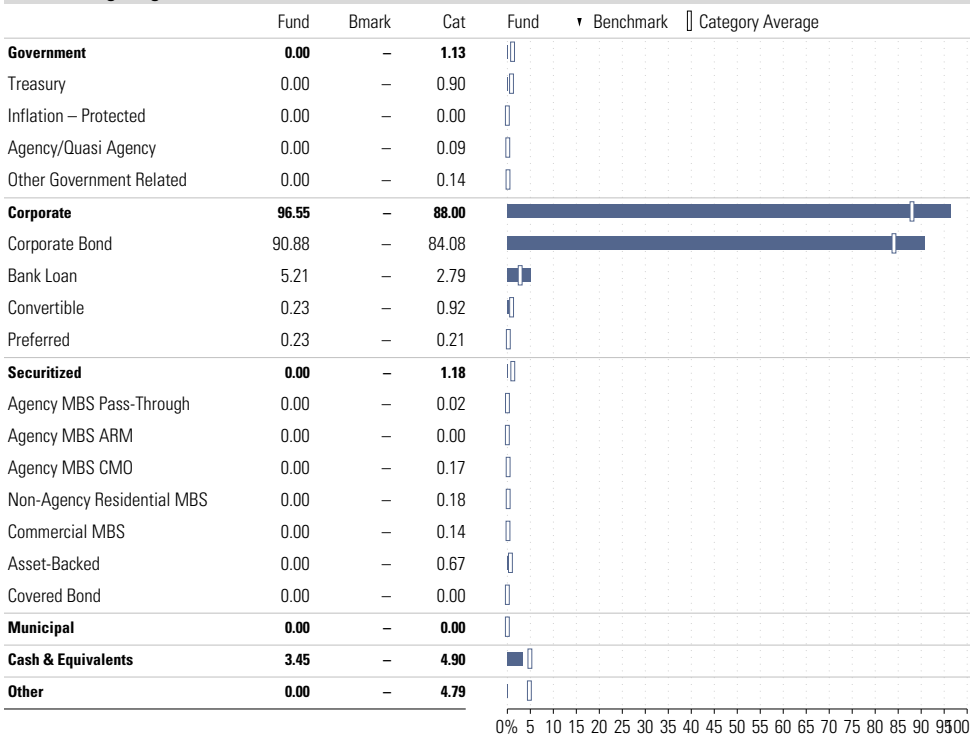


Asset Class	Net %	Cat%
US Stocks	0.39	0.64
Non-US Stocks	0.09	0.03
Bonds	95.27	94.14
Cash	3.42	3.70
Other	0.83	1.50
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	0.00	-	1.80
AA	0.00	-	0.09
A	0.00	-	1.78
BBB	3.74	-	3.65
BB	45.75	-	27.67
B	34.05	-	37.31
Below B	13.06	-	26.02
Not Rated	3.41	-	1.69

## Sector Weighting as of 09-30-2020



## Top 10 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Ev Cash Reserves Fund Llc	-	3.23	3.23	-
⊕ iShares iBoxx \$ High Yield Corp Bd ETF	-	1.26	4.49	-
⊖ SPDR® Blmbg Barclays High Yield Bd ETF	-	1.17	5.67	-
Asurion	08-2025	1.03	6.70	-
T-Mobile US, Inc. 7.88%	09-2023	0.82	7.52	-
MPH Acquisition Holdings LLC 7.12%	06-2024	0.74	8.25	-
⊕ Molina Healthcare, Inc. 4.38%	06-2028	0.63	8.89	-
Hub International Limited 7%	05-2026	0.61	9.50	-
⊕ Centene Corporation 3.38%	02-2030	0.58	10.08	-
Kraft Heinz Foods Company 4.38%	06-2046	0.56	10.63	-

### Total Holdings 615

⊕ 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 23.24 years.

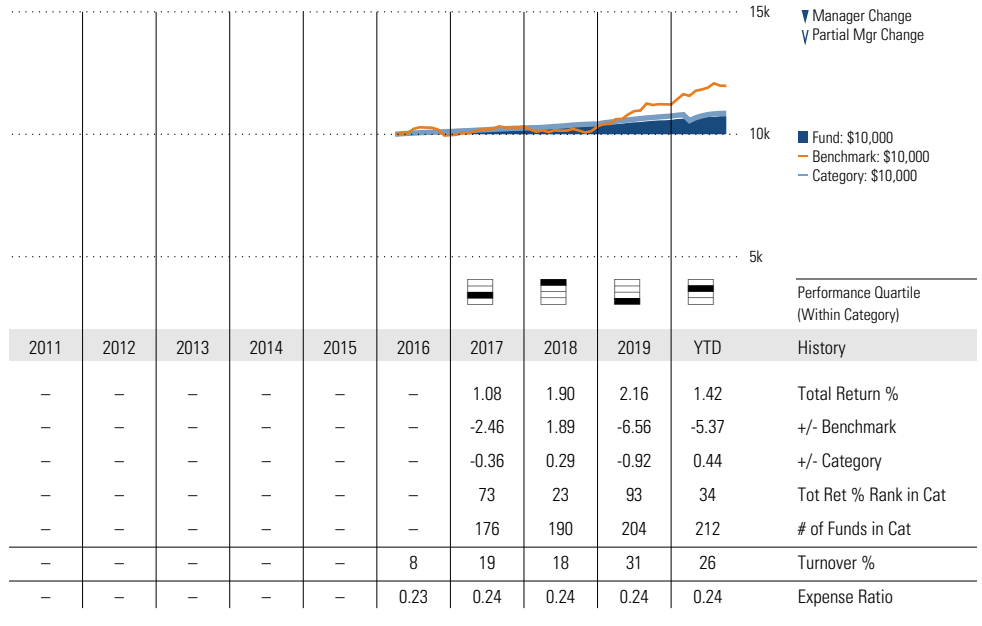
Style Consistency is not calculated for Fixed Income funds.

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

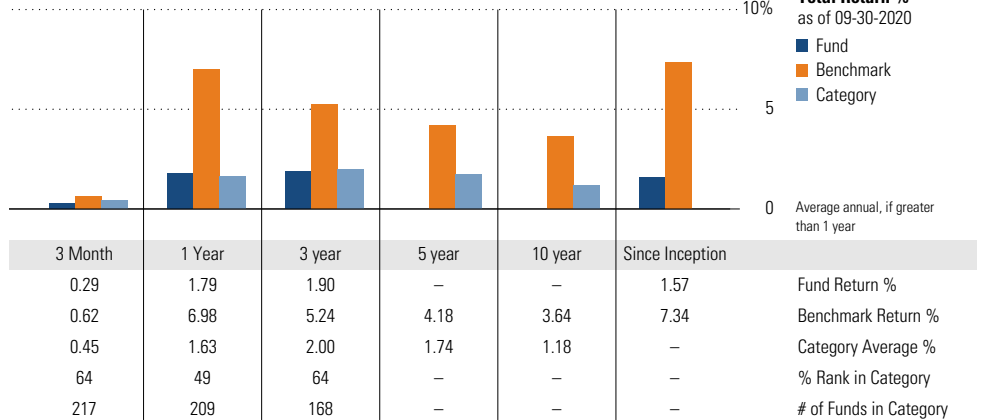
## Morningstar Investment Management LLC Analysis

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.

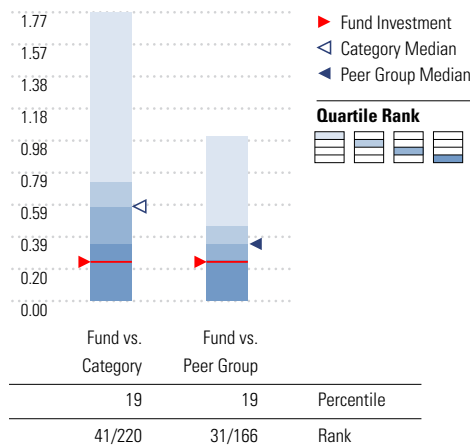
## Growth of \$10,000



## 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	1.57	-	1.16
Beta	0.06	-	0.16
R-Squared	19.41	-	12.03
Standard Deviation	0.46	3.37	1.81
Sharpe Ratio	0.58	1.07	0.24
Tracking Error	3.19	-	3.48
Information Ratio	-1.05	-	-0.96
Up Capture Ratio	19.09	-	29.17
Down Capture Ratio	-21.22	-	8.85

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	0.85	4.43	0.96
Avg Eff Maturity	2.68	-	3.12

# Federated Hermes Govt Ultrashort R6 FGULX

**Morningstar Category**  
Ultrashort Bond

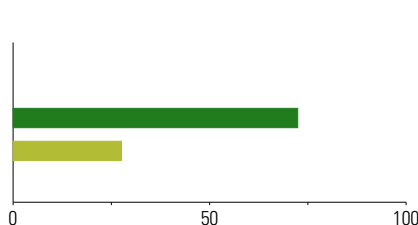
**Morningstar Index**  
BBgBarc US Agg Bond TR USD

## Style Analysis as of 09-30-2020

### Style Breakdown



## Asset Allocation as of 09-30-2020

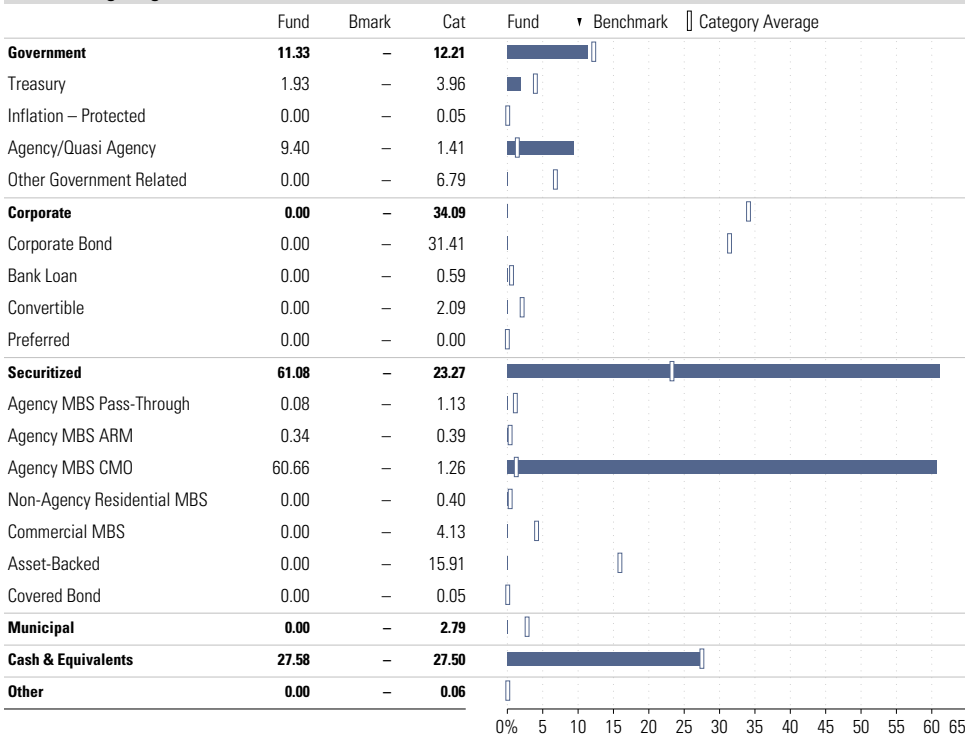


Asset Class	Net %	Cat%
US Stocks	0.00	0.08
Non-US Stocks	0.00	0.02
Bonds	72.42	69.26
Cash	27.58	28.35
Other	0.00	2.29
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	100.00	3.53	34.40
AA	0.00	74.59	11.24
A	0.00	10.82	25.82
BBB	0.00	8.32	17.73
BB	0.00	0.28	3.02
B	0.00	0.00	1.31
Below B	0.00	0.00	0.66
Not Rated	0.00	2.46	5.82

## Sector Weighting as of 09-30-2020



## Top 10 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Bofam Repo 1 Repo	07-2020	12.65	12.65	-
⊕ Bmcap Repo 6 Repo	07-2020	9.90	22.56	-
⊖ Federal National Mortgage Association 0.68%	08-2059	4.15	26.71	-
⊕ FHLMC Pc Prepay Prm 30 0.63%	09-2049	3.53	30.24	-
⊖ Federal Home Loan Mortgage Corporation 0.63%	01-2050	3.03	33.27	-
⊕ Federal National Mortgage Association 0.63%	06-2050	2.86	36.13	-
⊕ Federal National Mortgage Association 0.58%	07-2049	2.60	38.72	-
⊖ Government National Mortgage Association 2.26%	03-2067	2.53	41.25	-
⊖ Federal National Mortgage Association 0.53%	10-2058	2.40	43.65	-
⊖ Government National Mortgage Association 0.82%	02-2065	2.39	46.05	-

**Total Holdings 253**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Invesco Diversified Dividend R6 LCEFX

**Morningstar Category**  
Large Value

**Morningstar Index**  
Russell 1000 Value TR USD

## Portfolio Manager(s)

Meggan Walsh since 12-2002  
Robert Botard since 02-2014  
Christopher McMeans since 02-2016  
Caroline Le Feuvre since 06-2020

## 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 17.76 years.

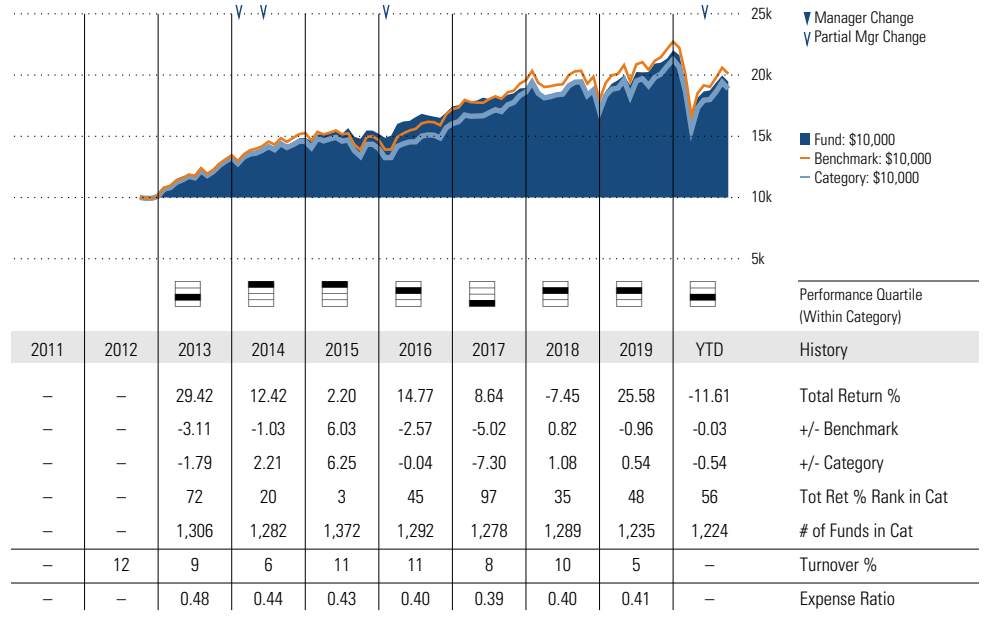
**Style:** The fund has landed in its primary style box — Large Value — 100 % of the time over the past three years.

**Net Expense:** The fund's expense ratio of 0.42 is 55.32% lower than the Large Value category average.

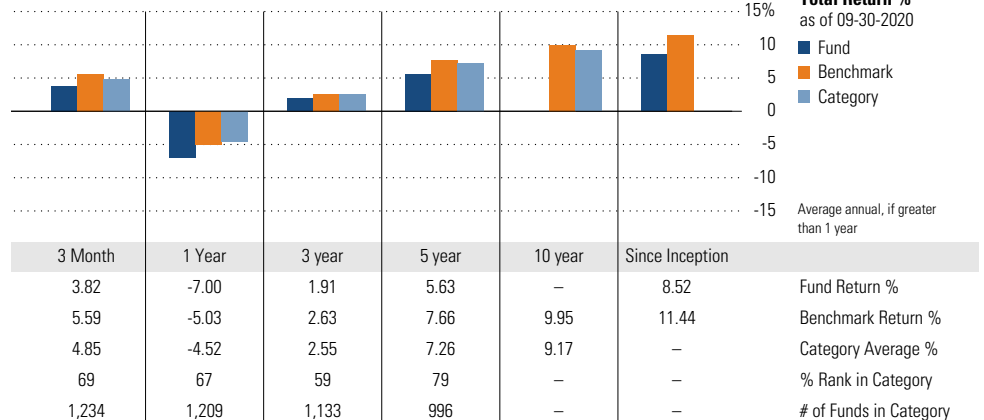
## Morningstar Investment Management LLC Analysis

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

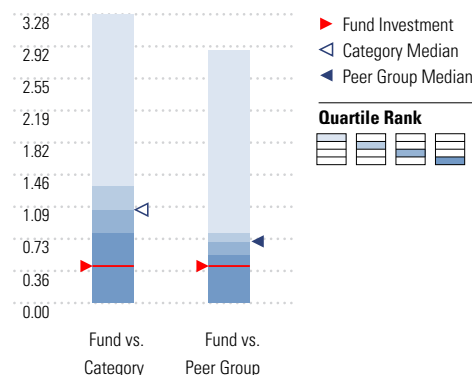
## Growth of \$10,000



## 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	-0.43	-	-0.21
Beta	0.81	-	0.99
R-Squared	96.01	-	96.08
Standard Deviation	15.17	18.33	18.50
Sharpe Ratio	0.10	0.15	0.14
Tracking Error	4.60	-	3.93
Information Ratio	-0.16	-	-0.07
Up Capture Ratio	76.84	-	99.08
Down Capture Ratio	78.13	-	100.37

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.84	21.67	19.07
Price/Book Ratio	2.03	2.42	1.79
Geom Avg Mkt Cap \$B	44.35	64.52	92.25
ROE	20.61	17.16	15.63

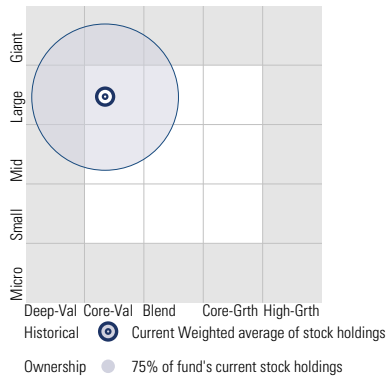
# Invesco Diversified Dividend R6 LCEFX

**Morningstar Category**  
Large Value

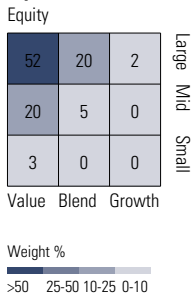
**Morningstar Index**  
Russell 1000 Value TR USD

## Style Analysis as of 09-30-2020

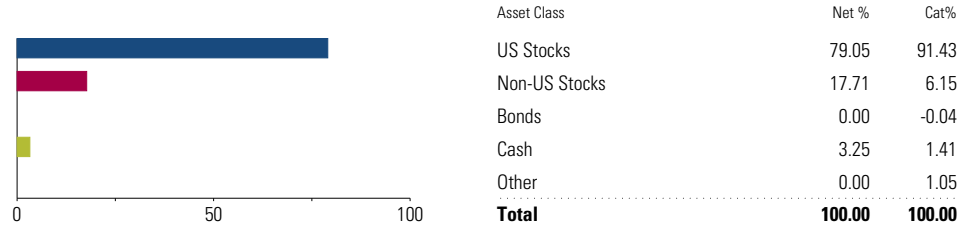
Morningstar Style Box™



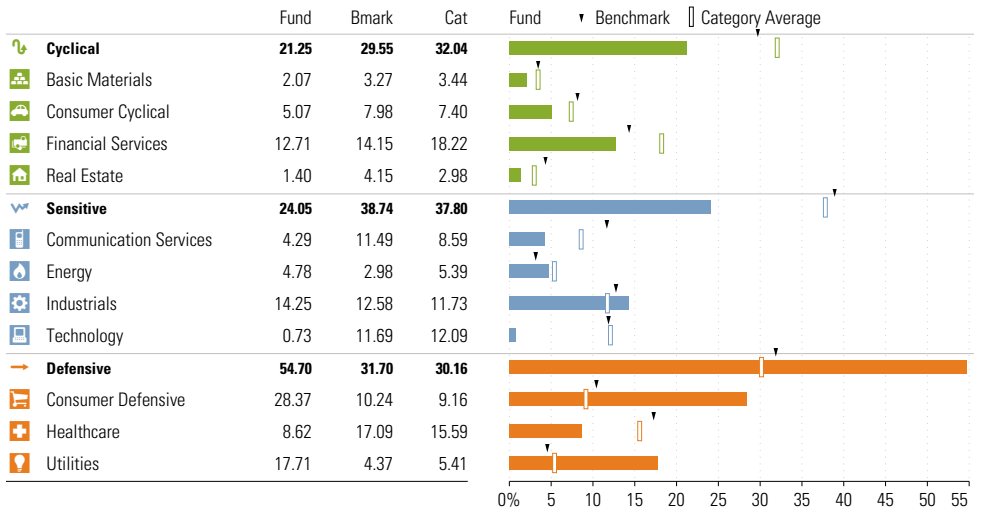
## Style Breakdown



## Asset Allocation as of 09-30-2020



## Sector Weighting as of 09-30-2020



## Top 15 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Merl_gl_fxgl	4.10	4.10	-	-
Merl_gl_fxgl	4.01	8.11	-	-
General Mills Inc	3.99	12.10	17.91	Consumer Defensive
Procter & Gamble Co	3.31	15.41	13.14	Consumer Defensive
Entergy Corp	3.07	18.48	-15.43	Utilities
Dominion Energy Inc	3.02	21.51	-1.29	Utilities
Campbell Soup Co	2.79	24.30	0.00	Consumer Defensive
Kimberly-Clark Corp	2.66	26.96	9.68	Consumer Defensive
The Hartford Financial Services Group Inc	2.52	29.48	-37.74	Financial Services
PPL Corp	2.40	31.88	-20.69	Utilities
Mondelez International Inc Class A	2.23	34.11	5.91	Consumer Defensive
Heineken NV	2.14	36.25	-18.96	Consumer Defensive
Coca-Cola Co	2.13	38.37	-8.58	Consumer Defensive
AT&T Inc	2.08	40.46	-23.06	Communication Svc
Eli Lilly and Co	2.06	42.52	14.31	Healthcare

## Total Holdings 83

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Invesco Oppenheimer International Gr R6 OIGIX

**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 6 of the 8 years it's been in existence.

✔ **Management:** The fund's management has been in place for 24.53 years.

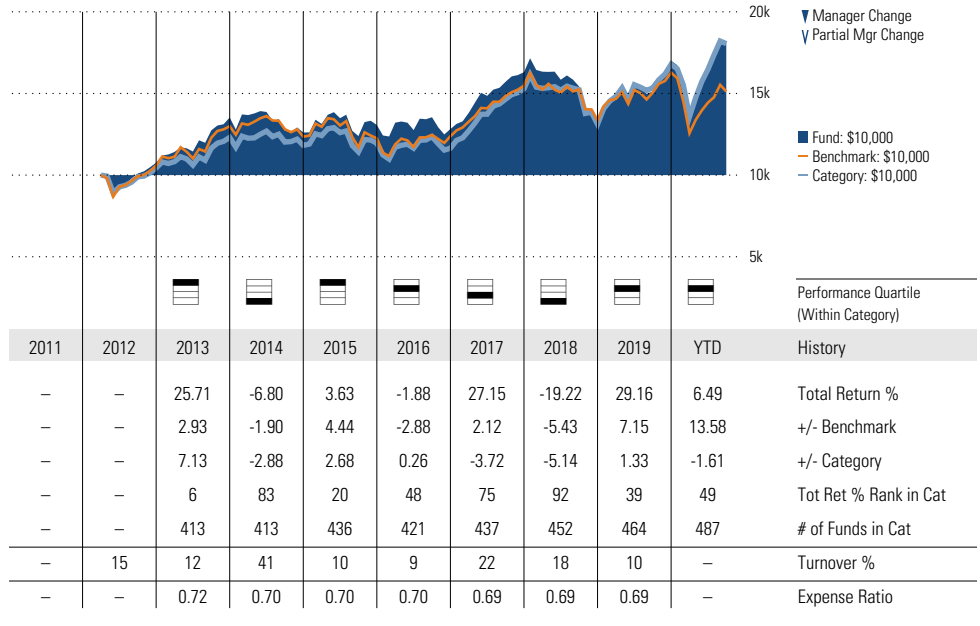
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.69 is 36.7% lower than the Foreign Large Growth category average.

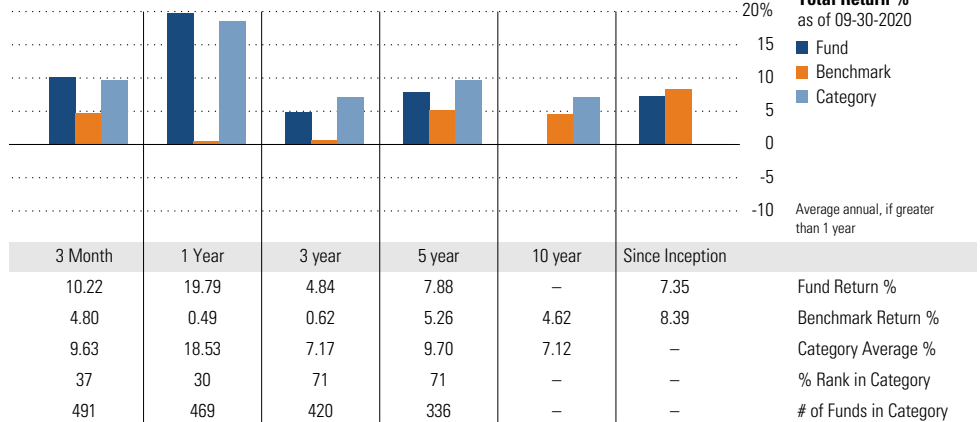
## Morningstar Investment Management LLC Analysis

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.

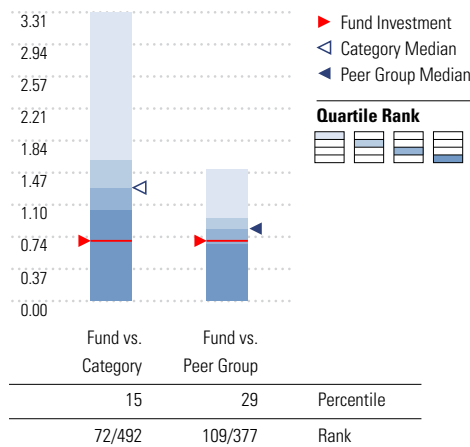
## Growth of \$10,000



## 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	4.29	-	6.53
Beta	1.03	-	0.99
R-Squared	89.00	-	-
Standard Deviation	16.94	15.45	16.45
Sharpe Ratio	0.27	0.01	0.39
Tracking Error	5.65	-	6.04
Information Ratio	0.75	-	1.09
Up Capture Ratio	112.39	-	112.94
Down Capture Ratio	92.97	-	83.01

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	27.40	19.92	27.17
Price/Book Ratio	4.62	1.54	3.47
Geom Avg Mkt Cap \$B	35.62	36.00	51.10
ROE	19.63	12.77	16.53

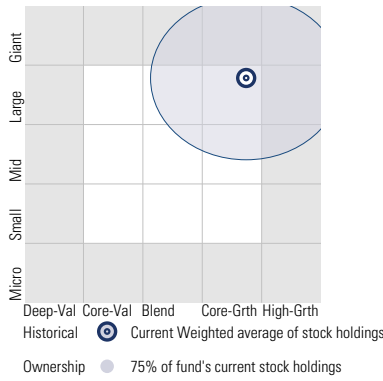
# Invesco Oppenheimer International Gr R6 OIGIX

**Morningstar Category**  
Foreign Large Growth

**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 09-30-2020

Morningstar Style Box™



## Style Breakdown

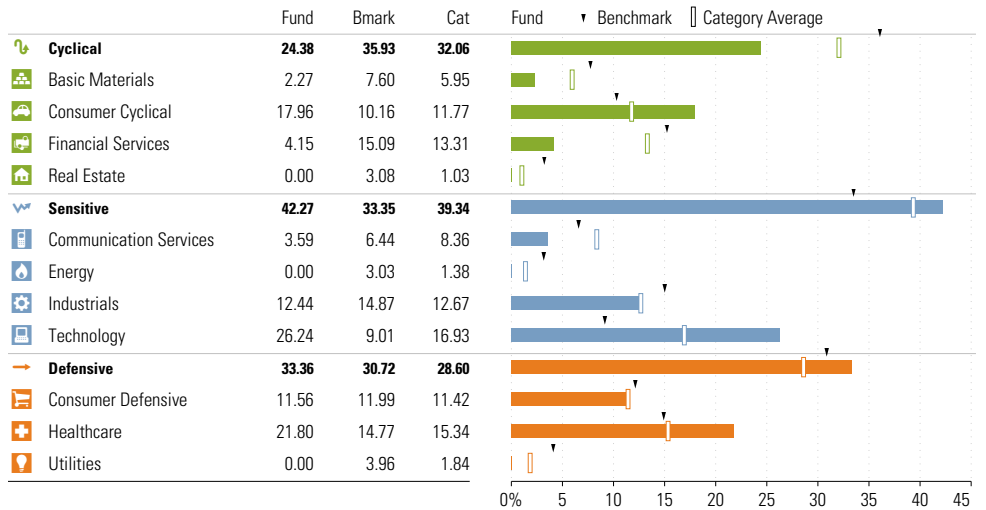


## Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	7.30	7.02
Non-US Stocks	90.50	89.91
Bonds	0.00	-0.01
Cash	2.19	2.55
Other	0.01	0.54
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020



## World Regions % Equity 09-30-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %
Greater Asia	23.02	32.77	Americas	13.33	12.36	Greater Europe	63.65	54.86	Market Maturity	Fund %
Japan	9.75	13.77	North America	13.33	10.45	United Kingdom	12.13	10.50	Developed Markets	95.77
Australasia	4.52	1.77	Central/Latin	0.00	1.91	W euro-ex UK	51.52	42.96	Emerging Markets	4.23
Asia-4 Tigers	4.52	6.25				Emrgng Europe	0.00	0.39	Not Available	0.00
Asia-ex 4 Tigers	4.23	10.98				Africa	0.00	1.01		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
ASML Holding NV	3.19	3.19	19.85	Technology
SAP SE	2.92	6.11	11.65	Technology
Hermes International SA	2.90	9.01	11.19	Consumer Cyclical
Novo Nordisk A/S B	2.76	11.78	15.85	Healthcare
Roche Holding AG Dividend Right Cert.	2.72	14.50	3.23	Healthcare
Taiwan Semiconductor Manufacturing Co Ltd	2.40	16.90	33.08	Technology
Atlas Copco AB A	2.30	19.20	15.71	Industrials
Usd Currency Cash	2.19	21.39	-	-
Alimentation Couche-Tard Inc Class B	2.14	23.53	13.03	Consumer Defensive
Hoya Corp	2.13	25.66	13.92	Healthcare

**Total Holdings 80**

⊕ 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 18.51 years.

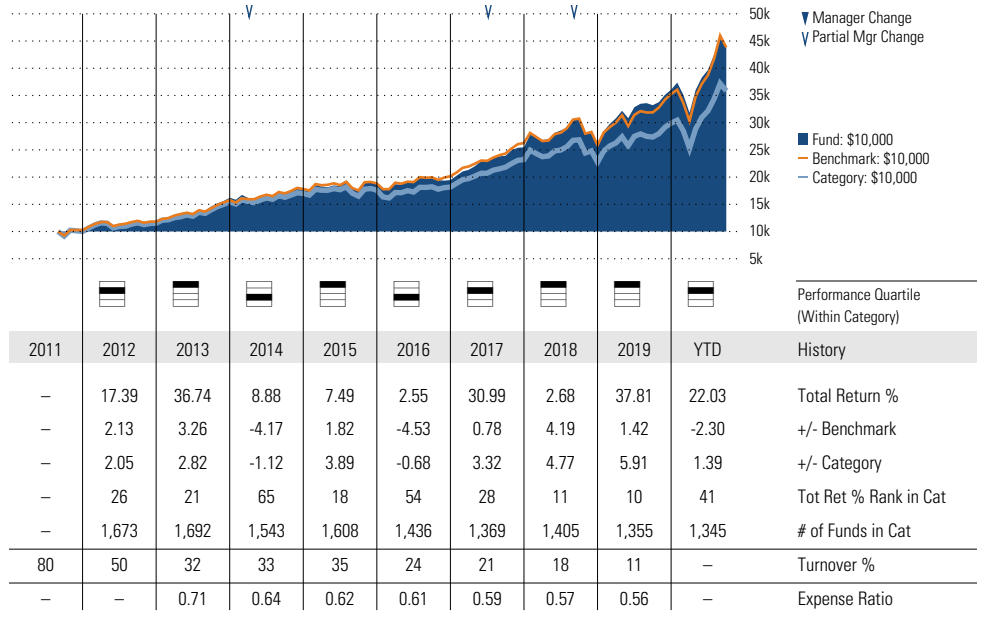
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.57 is 43.56% lower than the Large Growth category average.

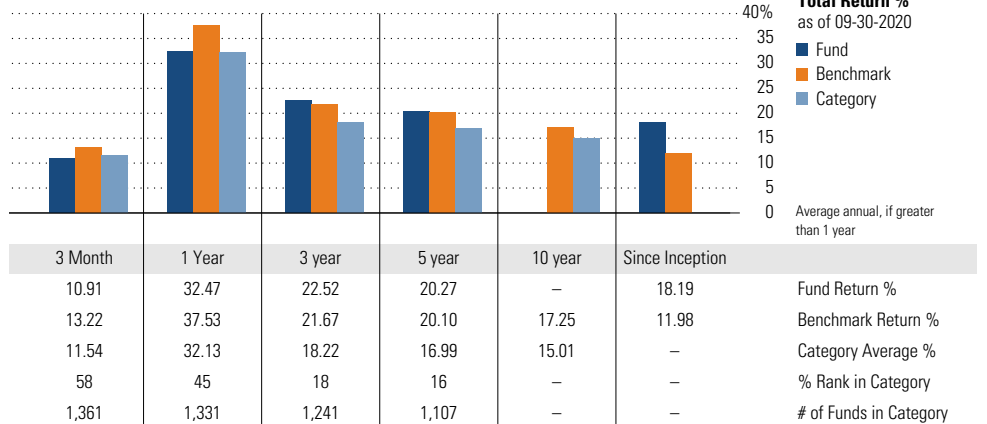
## Morningstar Investment Management LLC Analysis

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.

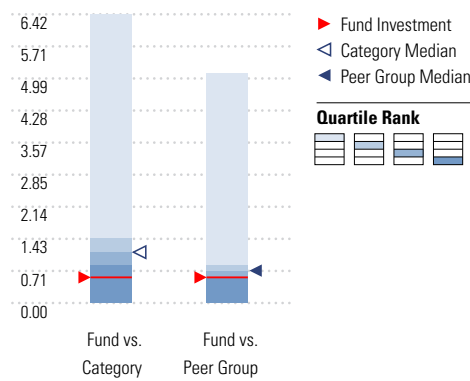
## Growth of \$10,000



## 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

Metric	Fund	Bmark	Cat
Alpha	2.39	-	-2.17
Beta	0.91	-	0.97
R-Squared	97.00	-	93.87
Standard Deviation	17.60	19.05	19.20
Sharpe Ratio	1.16	1.04	0.89
Tracking Error	3.50	-	4.70
Information Ratio	0.24	-	-0.84
Up Capture Ratio	94.99	-	92.45
Down Capture Ratio	86.12	-	99.78

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	41.07	33.32	33.48
Price/Book Ratio	8.59	9.12	7.43
Geom Avg Mkt Cap \$B	211.35	190.12	255.68
ROE	26.83	32.08	31.18

# MFS Growth R6 MFEKX

Morningstar Category

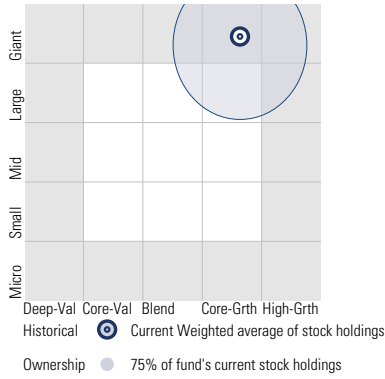
Large Growth

Morningstar Index

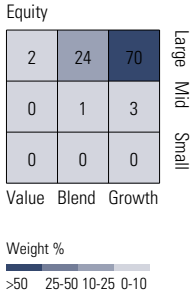
Russell 1000 Growth TR USD

## Style Analysis as of 09-30-2020

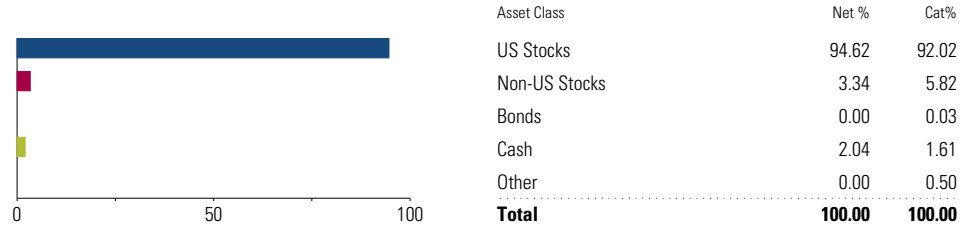
Morningstar Style Box™



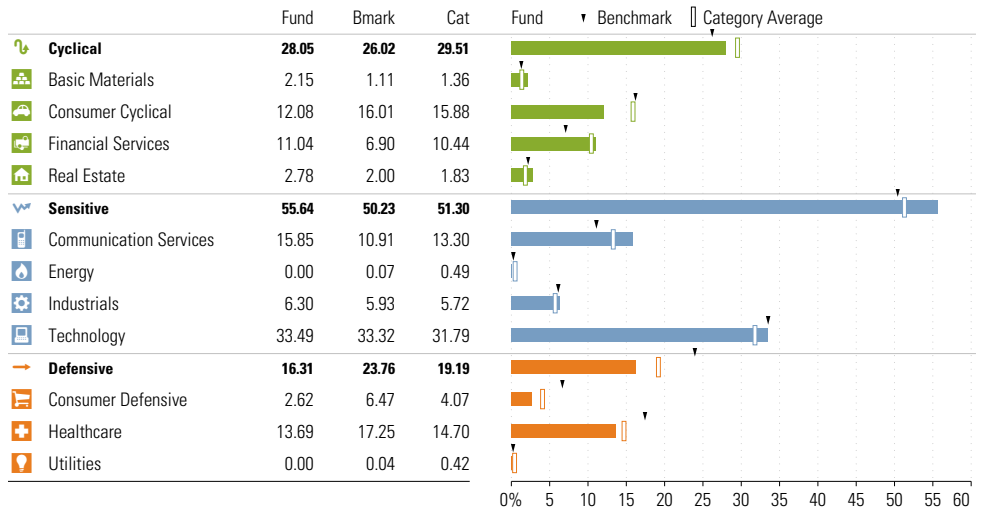
## Style Breakdown



## Asset Allocation as of 09-30-2020



## Sector Weighting as of 09-30-2020



## Top 15 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Microsoft Corp	9.74	9.74	34.34	Technology
⊕ Amazon.com Inc	9.04	18.78	70.40	Consumer Cyclical
⊕ Adobe Inc	4.49	23.26	48.70	Technology
⊕ Alphabet Inc A	3.81	27.07	9.42	Communication Svc
⊕ Facebook Inc A	3.49	30.56	27.60	Communication Svc
⊕ Mastercard Inc A	3.40	33.95	13.66	Financial Services
⊕ Visa Inc Class A	2.85	36.80	6.90	Financial Services
⊕ Salesforce.com Inc	2.58	39.38	54.53	Technology
⊖ Apple Inc	2.36	41.74	58.57	Technology
⊕ NVIDIA Corp	2.33	44.07	130.22	Technology
⊕ PayPal Holdings Inc	2.26	46.33	82.15	Financial Services
⊕ Thermo Fisher Scientific Inc	2.24	48.57	36.11	Healthcare
⊕ Danaher Corp	2.05	50.61	40.65	Healthcare
⊖ Currency Cash Cash_usd	2.04	52.65	-	-
⊕ Netflix Inc	1.88	54.53	54.54	Communication Svc

Total Holdings 77

⊕ 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 16.26 years.

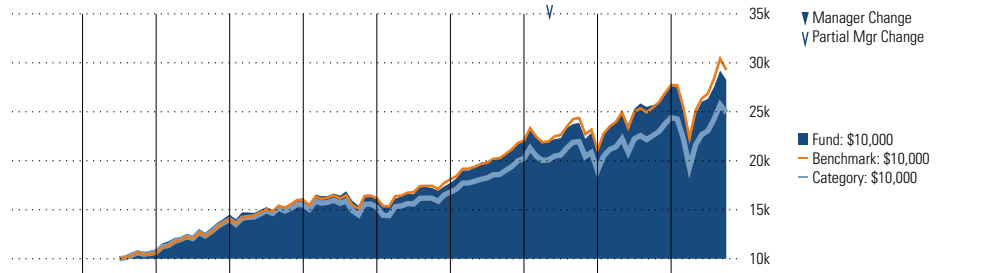
✘ **Style:** The fund has landed in its primary style box — Large Blend — 37.14 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.38 is 55.29% lower than the Large Blend category average.

## Morningstar Investment Management LLC Analysis

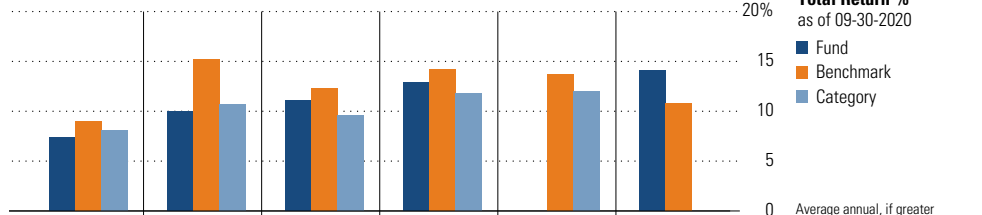
This fund fails our style consistency screen owing to frequent drift into the growth column of our style box. We're not concerned about this matter, as the drift has been slight, and the portfolio still represents a core strategy.

## Growth of \$10,000



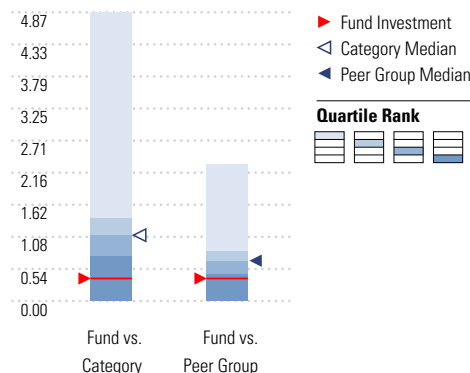
Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	Performance Quartile (Within Category)
–	–	32.35	11.36	0.58	9.15	23.93	-5.03	32.34	2.23	History	Total Return %
–	–	-0.04	-2.33	-0.80	-2.81	2.10	-0.65	0.85	-3.34		+/- Benchmark
–	–	0.85	0.40	1.65	-1.22	3.49	1.24	3.56	-0.07		+/- Category
–	–	63	36	35	68	11	40	14	59		Tot Ret % Rank in Cat
–	–	1,514	1,431	1,497	1,382	1,357	1,373	1,388	1,396		# 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



Period	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Metric
Fund Return %	7.34	10.01	11.09	12.89	–	14.06	Fund Return %
Benchmark Return %	8.93	15.15	12.28	14.15	13.74	10.74	Benchmark Return %
Category Average %	8.06	10.70	9.55	11.77	11.96	–	Category Average %
% Rank in Category	71	60	43	41	–	–	% Rank in Category
# of Funds in Category	1,457	1,379	1,239	1,075	–	–	# of Funds in Category

## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.71	–	-2.29
Beta	0.97	–	0.97
R-Squared	98.07	–	95.59
Standard Deviation	17.33	17.74	17.56
Sharpe Ratio	0.60	0.65	0.51
Tracking Error	2.47	–	3.57
Information Ratio	-0.48	–	-1.28
Up Capture Ratio	94.18	–	91.12
Down Capture Ratio	96.47	–	100.00

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	27.08	25.90	24.36
Price/Book Ratio	3.80	3.55	3.50
Geom Avg Mkt Cap \$B	129.39	156.62	220.30
ROE	25.64	27.32	29.32

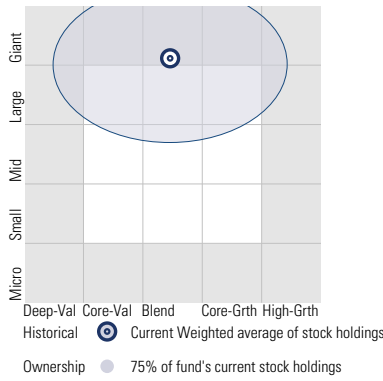
# MFS Massachusetts Investors Tr R6 MITJX

Morningstar Category  
Large Blend

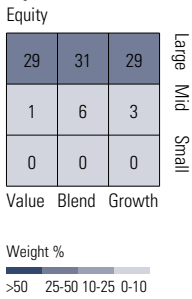
Morningstar Index  
S&P 500 TR USD

## Style Analysis as of 09-30-2020

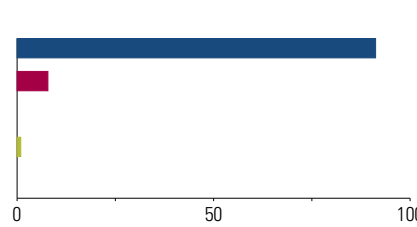
Morningstar Style Box™



## Style Breakdown

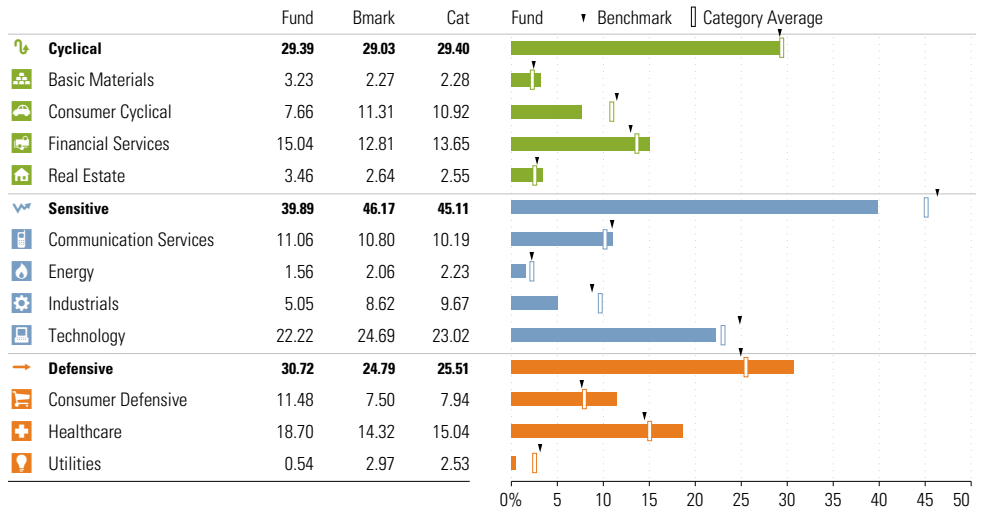


## Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	91.22	94.93
Non-US Stocks	7.84	2.88
Bonds	0.00	0.53
Cash	0.93	0.37
Other	0.00	1.28
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020



## Top 15 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	5.30	5.30	34.34	Technology
Alphabet Inc A	3.77	9.08	9.42	Communication Svc
Johnson & Johnson	2.83	11.91	4.10	Healthcare
Mastercard Inc A	2.62	14.53	13.66	Financial Services
Apple Inc	2.48	17.00	58.57	Technology
Visa Inc Class A	2.43	19.43	6.90	Financial Services
Medtronic PLC	2.37	21.81	-6.90	Healthcare
Fidelity National Information Services Inc	2.20	24.01	6.59	Technology
Facebook Inc A	2.11	26.12	27.60	Communication Svc
JPMorgan Chase & Co	2.09	28.21	-29.00	Financial Services
Comcast Corp Class A	2.09	30.30	4.36	Communication Svc
American Tower Corp	2.06	32.37	6.63	Real Estate
Thermo Fisher Scientific Inc	1.97	34.34	36.11	Healthcare
Adobe Inc	1.97	36.31	48.70	Technology
Becton, Dickinson and Co	1.96	38.27	-13.58	Healthcare

Total Holdings 72

⊕ 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 11.87 years.

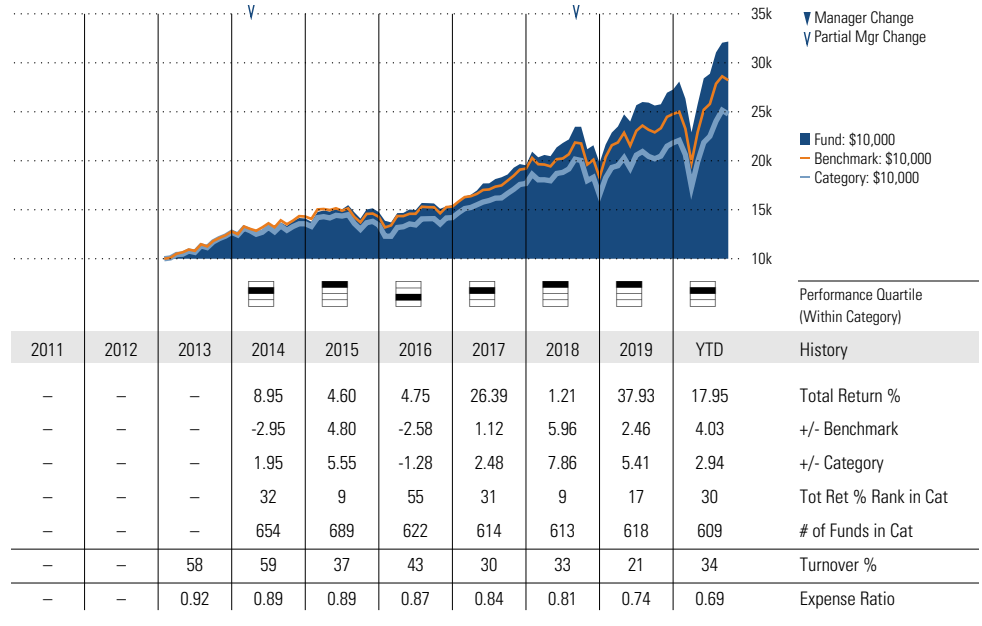
✔ **Style:** The fund has landed in its primary style box — Mid-Cap Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.74 is 34.51% lower than the Mid-Cap Growth category average.

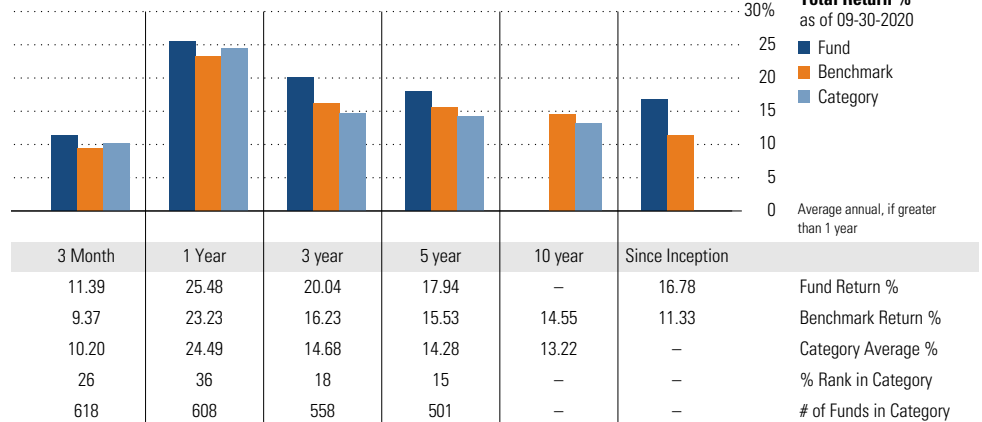
## Morningstar Investment Management LLC Analysis

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.

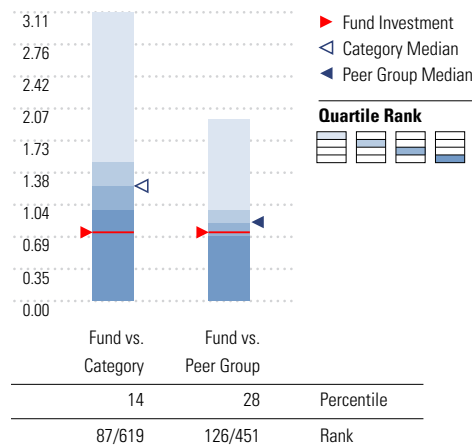
## Growth of \$10,000



## 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	4.90	-	-0.25
Beta	0.88	-	1.00
R-Squared	96.39	-	93.30
Standard Deviation	18.49	20.56	21.38
Sharpe Ratio	1.00	0.76	0.71
Tracking Error	4.26	-	5.49
Information Ratio	0.90	-	-0.26
Up Capture Ratio	97.12	-	99.38
Down Capture Ratio	78.80	-	101.19

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	40.68	31.13	35.56
Price/Book Ratio	7.07	7.17	5.36
Geom Avg Mkt Cap \$B	18.65	16.74	16.40
ROE	12.81	16.55	8.84

# MFS Mid Cap Growth R6 OTCKX

Morningstar Category

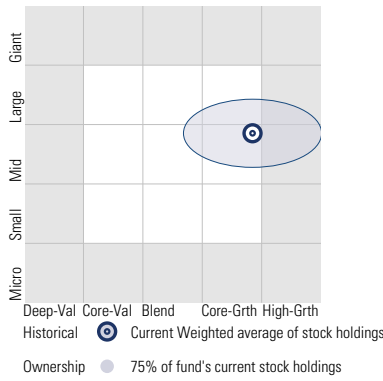
Mid-Cap Growth

Morningstar Index

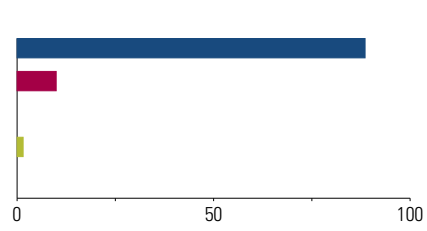
Russell Mid Cap Growth TR USD

## Style Analysis as of 09-30-2020

Morningstar Style Box™

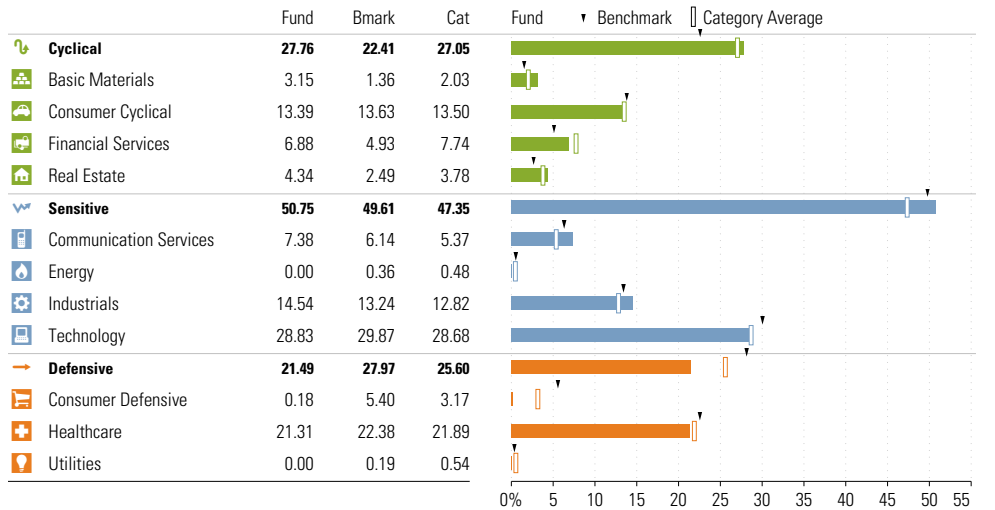


## Asset Allocation as of 09-30-2020

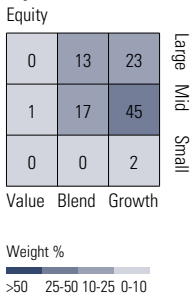


Asset Class	Net %	Cat%
US Stocks	88.54	90.18
Non-US Stocks	9.94	6.45
Bonds	0.00	0.03
Cash	1.53	2.92
Other	0.00	0.42
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020



## Style Breakdown



## Top 15 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Cadence Design Systems Inc	2.67	2.67	53.73	Technology
⊕ Bright Horizons Family Solutions Inc	2.61	5.28	1.16	Consumer Cyclical
⊕ PerkinElmer Inc	2.54	7.82	29.47	Healthcare
⊕ Take-Two Interactive Software Inc	2.21	10.02	34.95	Communication Svc
⊕ Monolithic Power Systems Inc	2.19	12.22	57.91	Technology
⊕ Clarivate PLC Ordinary Shares	2.16	14.37	84.46	Technology
⊕ Verisk Analytics Inc	2.12	16.50	24.63	Industrials
⊕ MSCI Inc	2.06	18.56	39.02	Financial Services
⊕ Steris PLC	1.97	20.52	16.34	Healthcare
⊕ IHS Markit Ltd	1.77	22.29	4.87	Industrials
⊕ Copart Inc	1.76	24.05	15.64	Industrials
⊕ Match Group Inc	1.75	25.79	34.14	Communication Svc
⊕ AMETEK Inc	1.68	27.47	0.20	Industrials
⊕ Charles River Laboratories International Inc	1.66	29.13	48.24	Healthcare
⊕ Masimo Corp	1.65	30.78	49.35	Healthcare

Total Holdings 107

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# PGIM Jennison Small Company R6 PJSQX

**Morningstar Category**  
Small Growth

**Morningstar Index**  
Russell 2000 Growth TR USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 6.85 years.

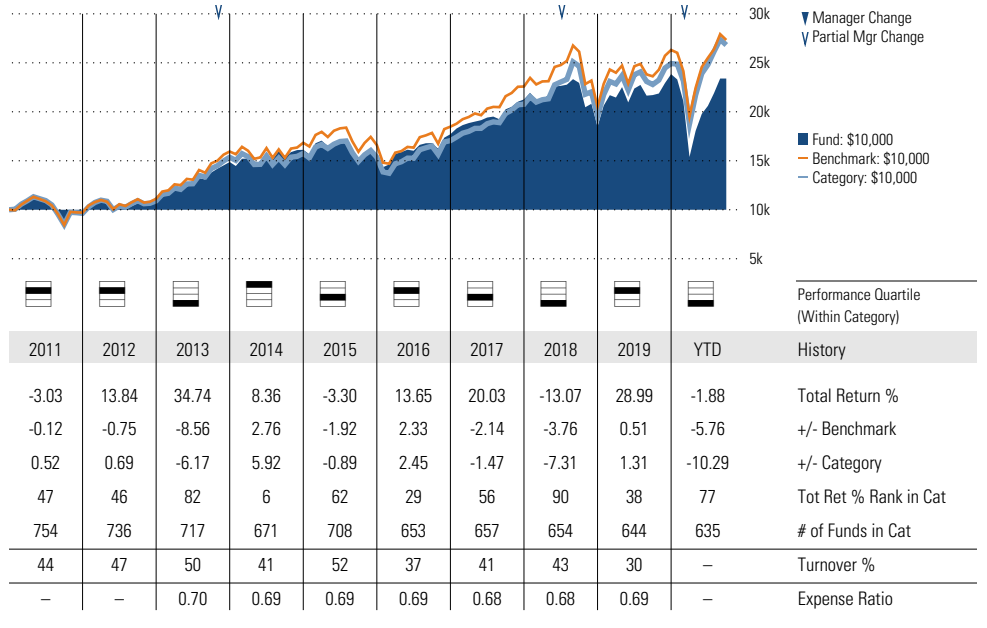
✘ **Style:** The fund has landed in its primary style box — Small Growth — 11.43 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.69 is 43.44% lower than the Small Growth category average.

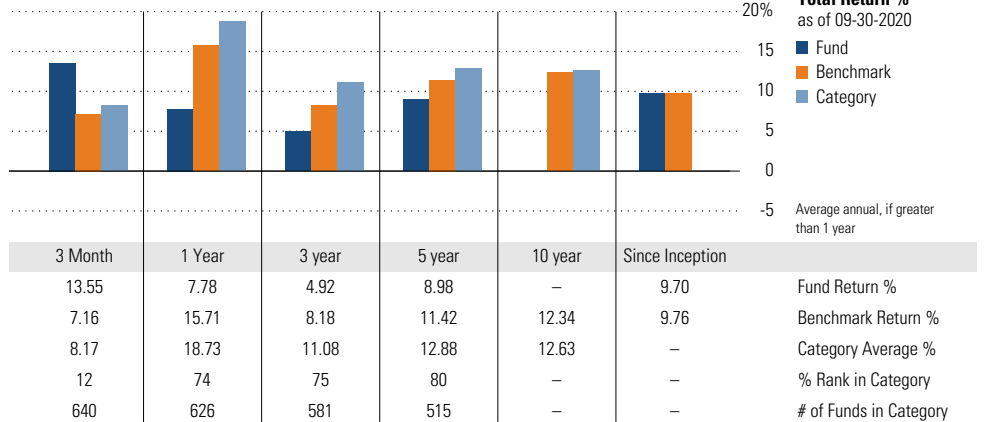
## Morningstar Investment Management LLC Analysis

This fund fails our style screen due to edging up into mid-cap territory but its portfolio positioning is consistent with the overall investment strategy. However, we are placing PGIM Jennison Small Company on watch due to a manager retirement. John Mullman, the longest tenured manager on this fund, retired in March 2020. The move had been previously announced, so the change did not come as a surprise and was well planned. Also encouraging is that Jason Swiatek, lead manager here since November 2013, and Jonathan Shapiro, a named comanager since July 2018, remain on the fund. Both have extensive experience but, amid a period of underperformance, we are placing the fund on watch to monitor whether any substantive changes to philosophy or implementation of the strategy occur following Mullman's departure.

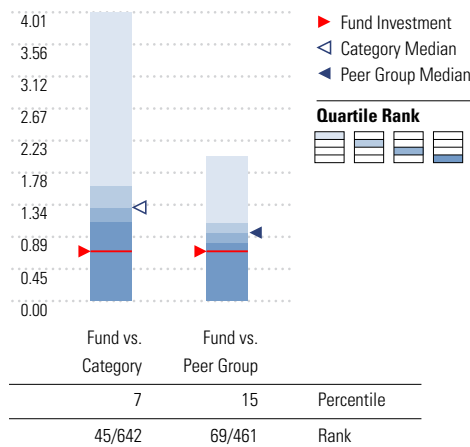
## Growth of \$10,000



## 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	-3.16	-	3.52
Beta	1.09	-	0.98
R-Squared	94.00	-	93.77
Standard Deviation	25.90	23.11	23.43
Sharpe Ratio	0.26	0.39	0.52
Tracking Error	6.65	-	5.75
Information Ratio	-0.49	-	0.59
Up Capture Ratio	98.44	-	103.24
Down Capture Ratio	109.49	-	91.85

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	19.58	23.04	31.69
Price/Book Ratio	2.43	3.56	4.34
Geom Avg Mkt Cap \$B	5.00	2.27	4.59
ROE	5.32	-3.13	3.16

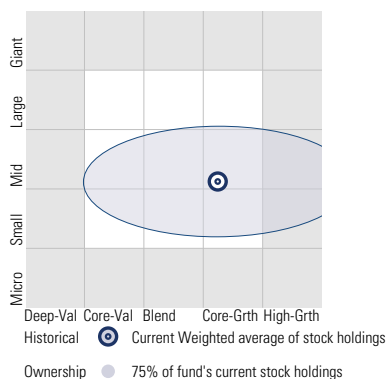
# PGIM Jennison Small Company R6 PJSQX

Morningstar Category  
Small Growth

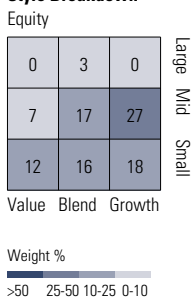
Morningstar Index  
Russell 2000 Growth TR USD

## Style Analysis as of 09-30-2020

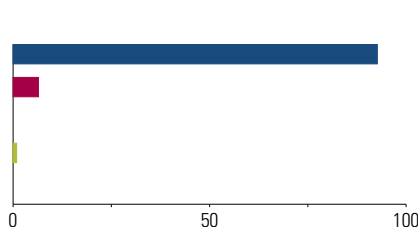
Morningstar Style Box™



## Style Breakdown

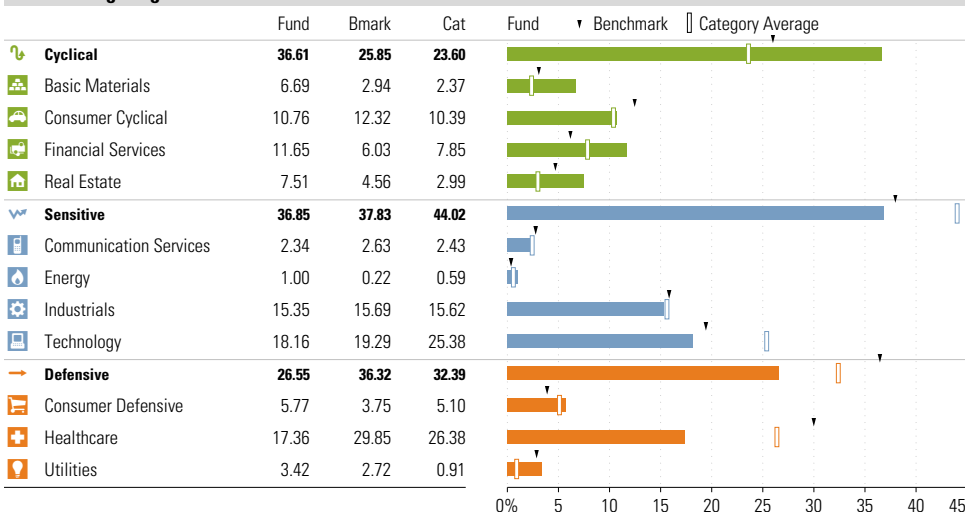


## Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	92.68	92.84
Non-US Stocks	6.44	4.22
Bonds	0.00	0.03
Cash	0.89	2.60
Other	0.00	0.30
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020



## Top 15 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Horizon Therapeutics PLC	1.98	1.98	114.59	Healthcare
⊖ Quanta Services Inc	1.91	3.89	30.21	Industrials
⊖ Performance Food Group Co	1.77	5.66	-32.75	Consumer Defensive
⊖ Penn National Gaming Inc	1.74	7.40	184.43	Consumer Cyclical
⊕ Rexnord Corp	1.68	9.08	-7.79	Industrials
⊖ Saia Inc	1.60	10.68	35.46	Industrials
⊖ Gaming and Leisure Properties Inc	1.56	12.24	-9.80	Real Estate
⊖ Five Below Inc	1.54	13.79	-0.67	Consumer Cyclical
Avantor Inc	1.54	15.33	23.91	Basic Materials
Avient Corp	1.46	16.79	-26.43	Basic Materials
⊖ NextEra Energy Partners LP	1.46	18.25	17.05	Utilities
Summit Materials Inc A	1.41	19.66	-30.79	Basic Materials
⊕ QTS Realty Trust Inc Class A	1.39	21.04	18.72	Real Estate
WillScot Mobile Mini Holdings Corp	1.38	22.43	-9.79	Industrials
Molina Healthcare Inc	1.38	23.80	34.90	Healthcare

Total Holdings 135

⊕ 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 5.75 years.

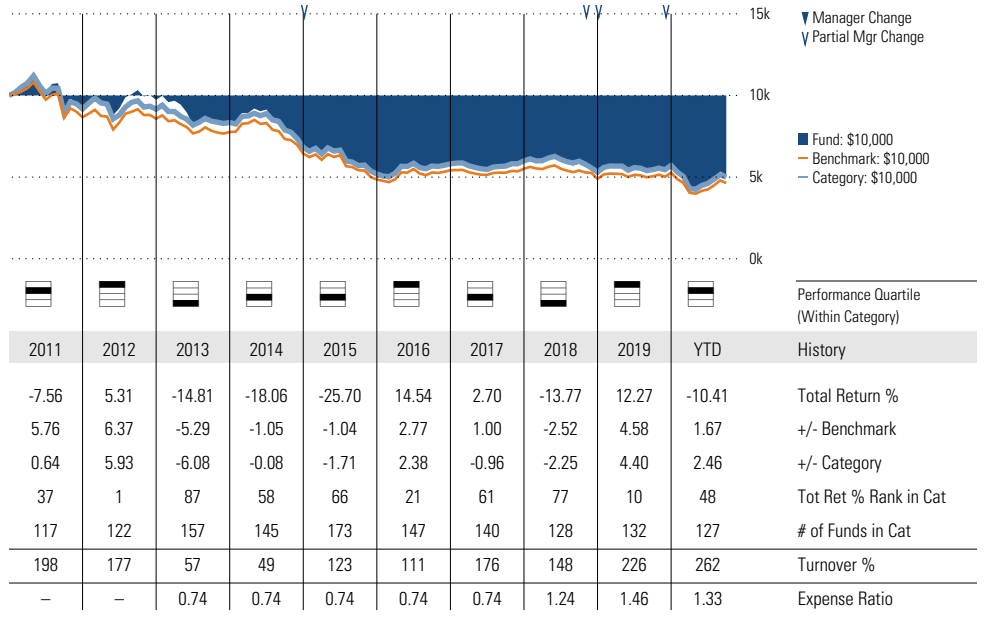
Style Consistency is not calculated for Fixed Income funds.

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

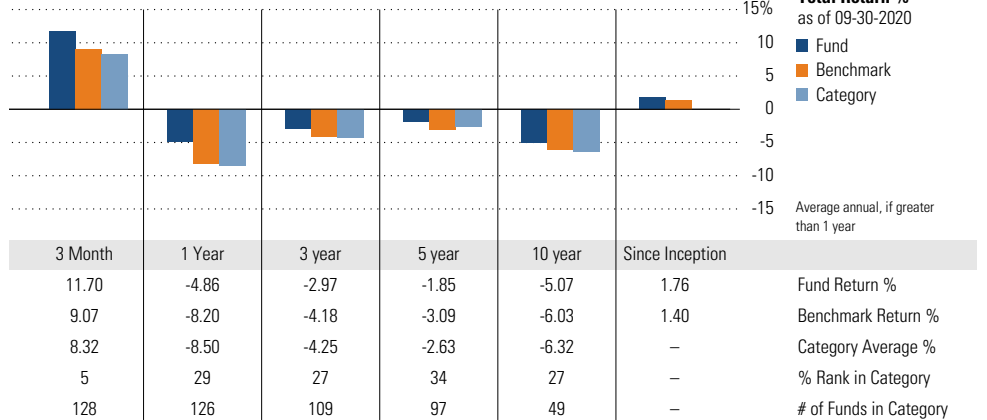
## Morningstar Investment Management LLC Analysis

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.

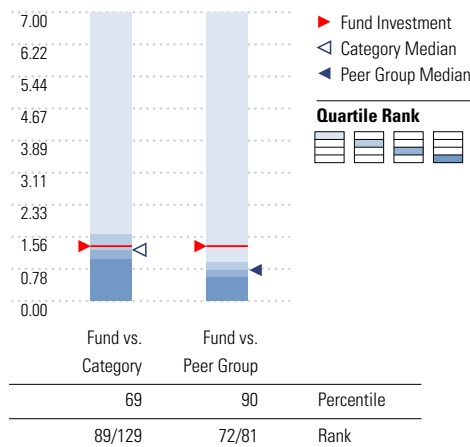
## Growth of \$10,000



## 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	2.53	-	0.48
Beta	1.22	-	1.08
R-Squared	96.15	-	84.85
Standard Deviation	17.17	13.80	16.41
Sharpe Ratio	-0.18	-0.36	-0.30
Tracking Error	4.53	-	6.76
Information Ratio	0.27	-	-0.06
Up Capture Ratio	121.37	-	109.90
Down Capture Ratio	110.31	-	109.07

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	12.32	-	10.44
Price/Book Ratio	1.51	-	1.18
Geom Avg Mkt Cap \$B	20.09	-	3.88
ROE	16.78	-	11.90

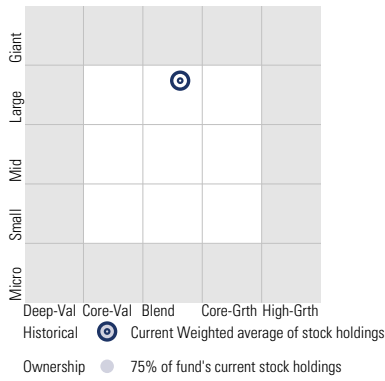
# PIMCO Commodity Real Ret Strat Instl PCRIX

**Morningstar Category**  
Commodities Broad Basket

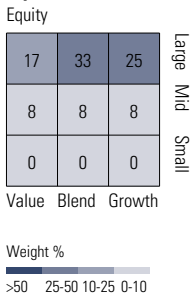
**Morningstar Index**  
Bloomberg Commodity TR USD

## Style Analysis as of 09-30-2020

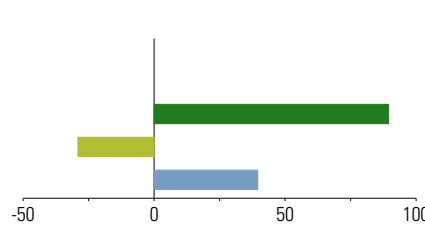
Morningstar Style Box™



## Style Breakdown

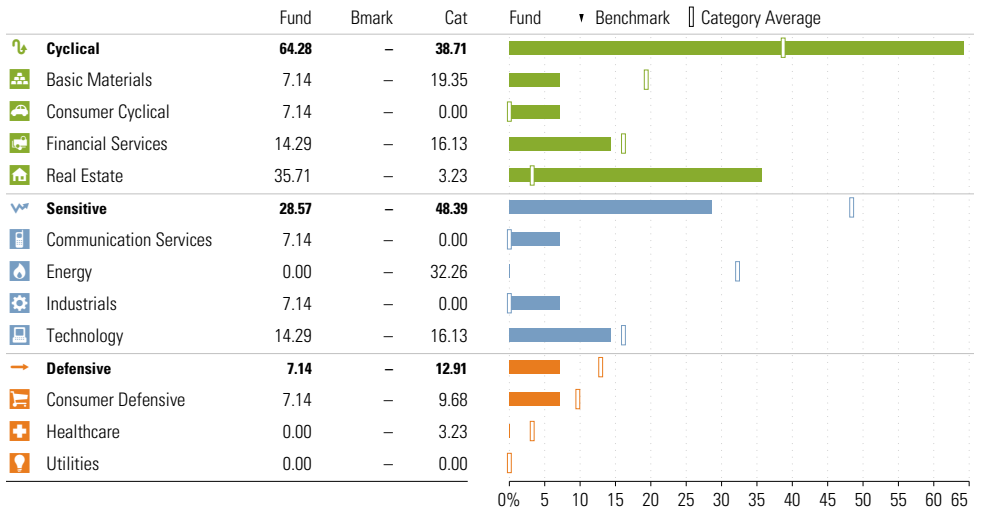


## Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	0.00	0.17
Non-US Stocks	0.00	0.23
Bonds	89.51	23.78
Cash	-29.06	73.04
Other	39.56	2.78
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020



## Top 15 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Fin Fut Euro-Schatz 2yr Eux 09/08/20	21.24	21.24	-	-
⊖ Pimco Cayman Cmndy Fd Ltd Instl	20.68	41.92	-	-
✱ CashOffSet	19.70	61.63	-	-
⊕ 2 Year Treasury Note Future Sept 20	17.98	79.61	-	-
⊕ 10 Year Treasury Note Future Sept 20	15.65	95.25	-	-
<hr/>				
⊕ Offset: Unsettled Trades	14.68	109.94	-	-
⊕ U S Tips Rev Repo	10.40	120.34	-	-
⊕ Federal National Mortgage Association 4%	10.10	130.43	-	-
⊕ FIN FUT US 30YR CBT 09/21/20	9.31	139.74	-	-
⊖ United States Treasury Notes 0.38%	6.71	146.45	-	-
<hr/>				
⊕ United States Treasury Notes 0.62%	6.37	152.82	-	-
⊕ U S Tips Rev Repo	6.37	159.18	-	-
⊕ Trs R 0.22/912828v49 Bps	6.12	165.31	-	-
⊕ Long Gilt Future Sept 20	5.82	171.13	-	-
⊕ United States Treasury Notes 0.38%	5.78	176.91	-	-

**Total Holdings 684**

⊕ 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 13.52 years.

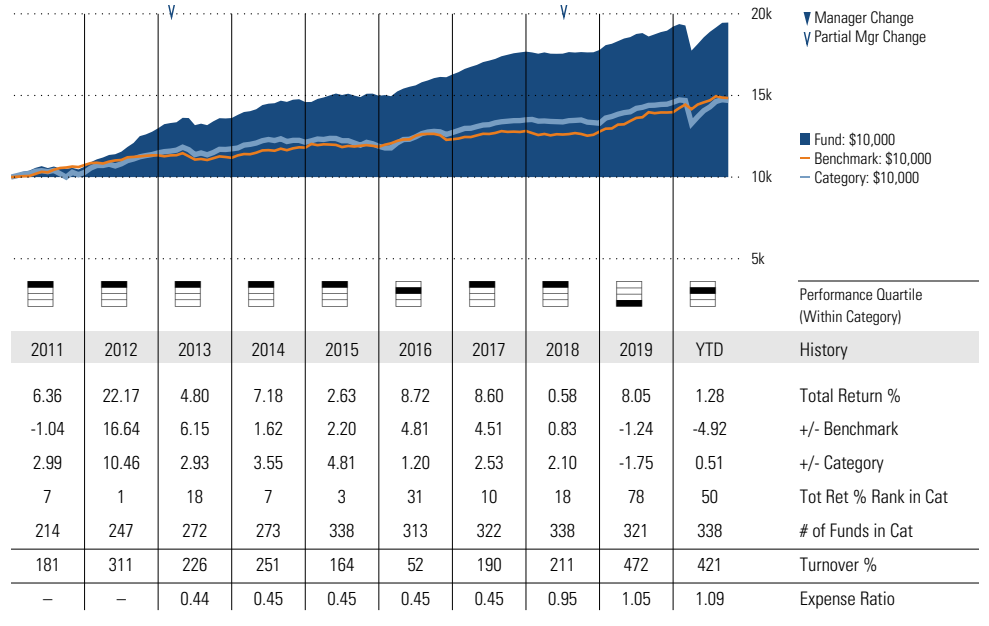
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 1.09 is 3.81% higher than the Multisector Bond category average.

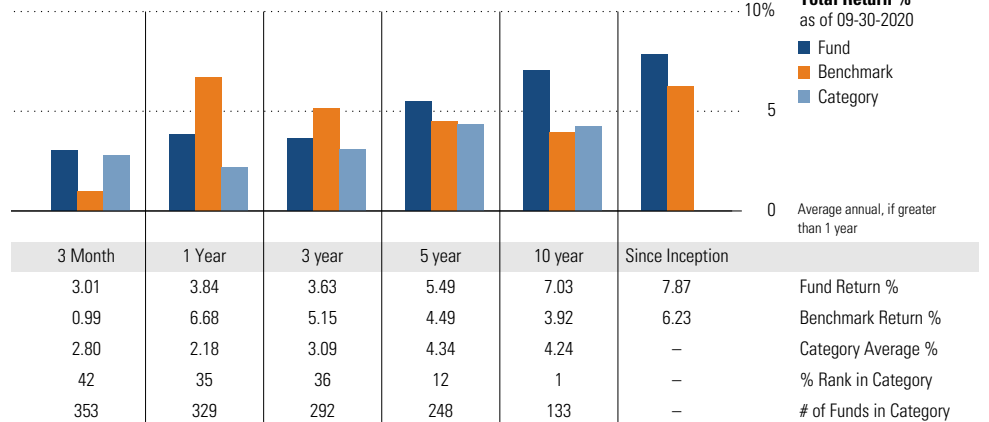
## Morningstar Investment Management LLC Analysis

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.

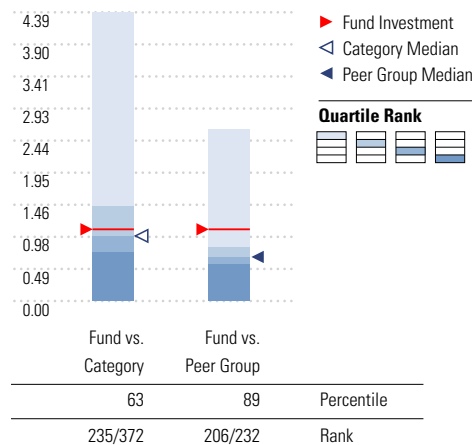
## Growth of \$10,000



## 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	-0.49	-	-3.04
Beta	0.83	-	1.28
R-Squared	25.47	-	35.98
Standard Deviation	5.59	3.40	7.65
Sharpe Ratio	0.38	1.03	0.29
Tracking Error	4.86	-	6.35
Information Ratio	-0.31	-	-0.32
Up Capture Ratio	76.15	-	95.40
Down Capture Ratio	87.04	-	164.08

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	1.67	4.55	4.52
Avg Eff Maturity	5.44	7.69	7.45

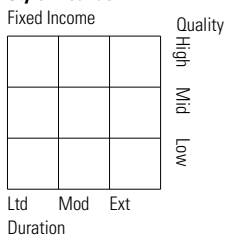
# PIMCO Income Instl PIMIX

**Morningstar Category**  
Multisector Bond

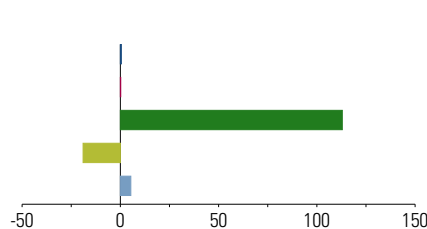
**Morningstar Index**  
BBgBarc US Universal TR USD

## Style Analysis as of 09-30-2020

### Style Breakdown



## Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	0.50	1.84
Non-US Stocks	0.20	0.10
Bonds	112.94	103.62
Cash	-18.97	-7.92
Other	5.33	2.38
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	56.00	67.64	18.27
AA	7.00	3.23	8.61
A	4.00	10.03	8.89
BBB	14.00	10.89	24.31
BB	6.00	3.19	20.01
B	7.00	3.64	12.52
Below B	6.00	1.38	3.44
Not Rated	0.00	0.00	3.94

## Sector Weighting as of 09-30-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Government</b>	<b>25.24</b>	-	<b>27.48</b>			
Treasury	4.18	-	10.48			
Inflation – Protected	1.38	-	0.73			
Agency/Quasi Agency	0.26	-	0.90			
Other Government Related	19.42	-	15.37			
<b>Corporate</b>	<b>9.15</b>	-	<b>37.15</b>			
Corporate Bond	6.18	-	31.81			
Bank Loan	1.32	-	2.75			
Convertible	1.64	-	2.16			
Preferred	0.01	-	0.43			
<b>Securitized</b>	<b>26.31</b>	-	<b>28.75</b>			
Agency MBS Pass-Through	12.70	-	9.17			
Agency MBS ARM	0.00	-	0.04			
Agency MBS CMO	0.55	-	4.75			
Non-Agency Residential MBS	2.50	-	2.65			
Commercial MBS	0.54	-	1.58			
Asset-Backed	10.00	-	10.55			
Covered Bond	0.02	-	0.01			
<b>Municipal</b>	<b>0.05</b>	-	<b>1.19</b>			
<b>Cash &amp; Equivalents</b>	<b>28.46</b>	-	<b>2.48</b>			
<b>Other</b>	<b>9.16</b>	-	<b>2.53</b>			

## Top 10 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Irs Usd 0.30000 12/19/20-3y* Cme	06-2024	21.89	21.89	-
⊕ Irs Usd 0.30000 12/19/20-3y* Cme	06-2024	21.86	43.74	-
⊕ Offset: Unsettled Trades	-	20.86	64.61	-
Irs Eur -0.33000 03/18/20-2y Lch	03-2022	15.46	80.06	-
⊕ Irs Eur -0.33000 03/18/20-2y Lch	03-2022	15.44	95.50	-
⊖ Irs Jpy 0.45000 03/20/19-10y Lch	03-2029	11.28	106.78	-
⊕ Irs Jpy 0.45000 03/20/19-10y Lch	03-2029	10.87	117.65	-
✱ CashOffSet	-	9.27	126.92	-
Cirs Usd 4y Mat 3.85/2.00% M 7/2020 Dub	07-2022	8.28	135.20	-
Cirs Usd 4y Mat 3.82/2.00% M 7/2020 Glm	07-2022	8.27	143.47	-

**Total Holdings 7679**

⊕ 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 18.76 years.

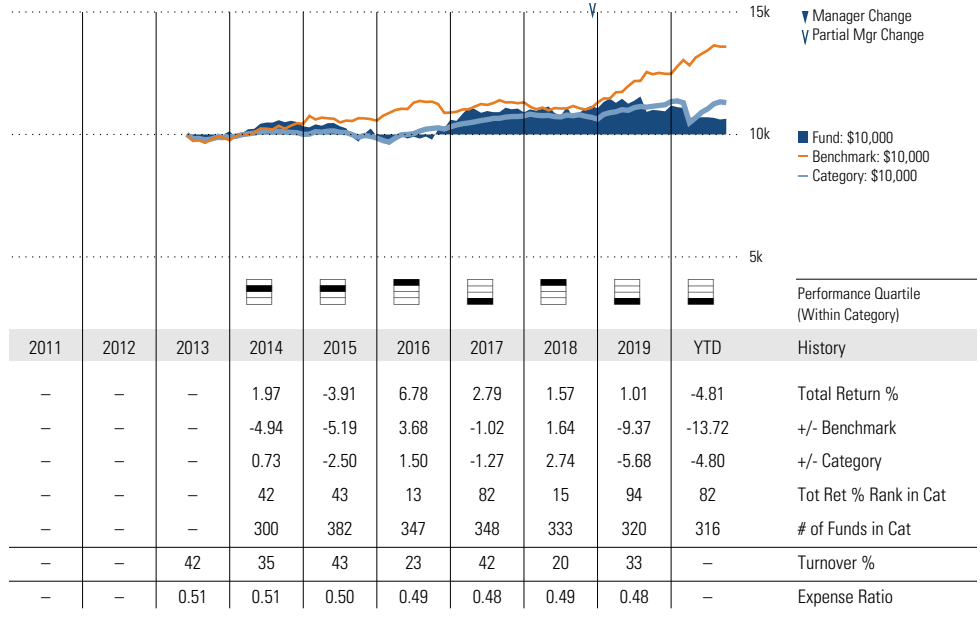
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.56 is 55.2% lower than the Nontraditional Bond category average.

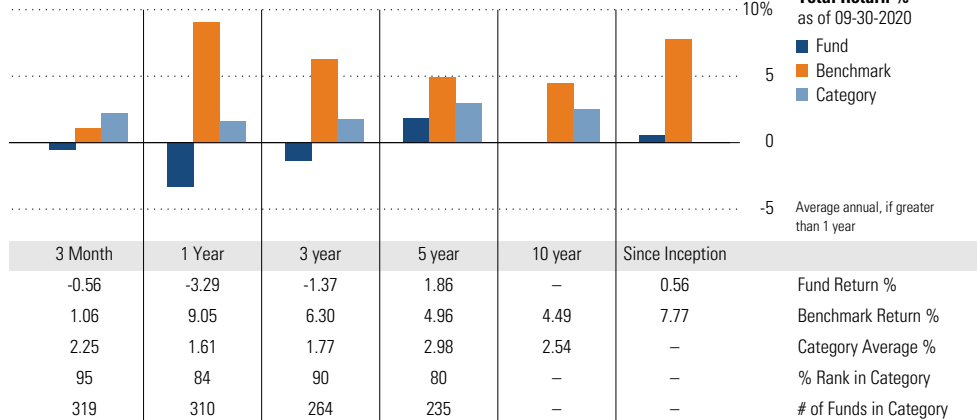
**Morningstar Investment Management LLC Analysis**

This fund now fails our performance consistency screen. It is a high-conviction fund whose risk and reward are therefore magnified on a short- and intermediate-term basis. We will be closely watching this fund in coming quarters.

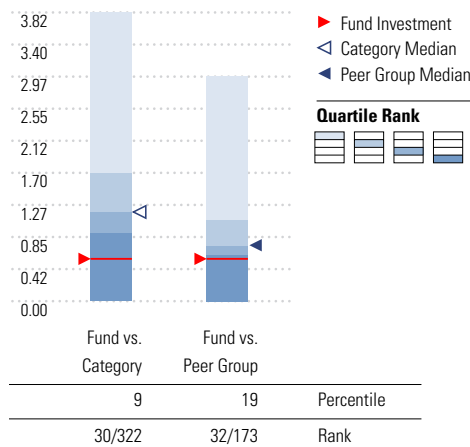
**Growth of \$10,000**



**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	1.70	-	-0.94
Beta	-0.47	-	0.48
R-Squared	9.59	-	14.20
Standard Deviation	6.16	4.09	6.50
Sharpe Ratio	-0.46	1.13	0.10
Tracking Error	8.38	-	6.70
Information Ratio	-0.92	-	-0.71
Up Capture Ratio	-29.56	-	41.64
Down Capture Ratio	-45.61	-	69.97

**Portfolio Metrics**

	Fund	Bmark	Cat
Avg Eff Duration	2.48	6.37	3.68
Avg Eff Maturity	2.76	7.30	9.03

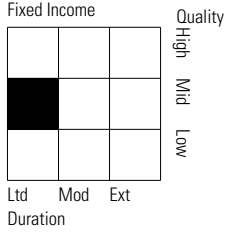
# Templeton Global Bond R6 FBNRX

**Morningstar Category**  
Nontraditional Bond

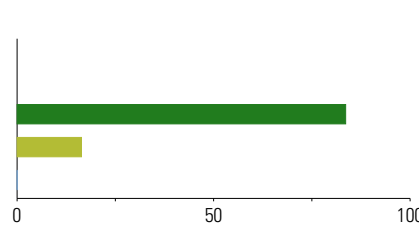
**Morningstar Index**  
BBgBarc US Govt/Credit 5-10 Yr TR USD

## Style Analysis as of 09-30-2020

### Style Breakdown



## Asset Allocation as of 09-30-2020

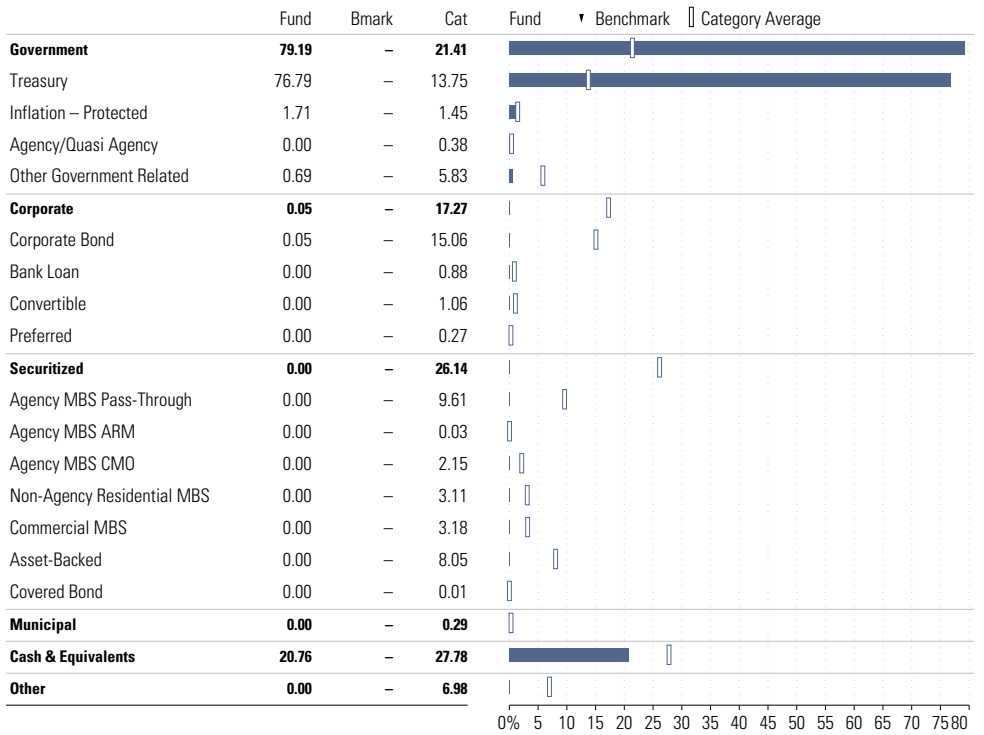


Asset Class	Net %	Cat%
US Stocks	0.00	0.33
Non-US Stocks	0.00	0.00
Bonds	83.60	73.01
Cash	16.38	22.58
Other	0.02	1.91
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	41.64	57.60	18.81
AA	6.82	6.60	9.46
A	4.53	17.44	16.42
BBB	30.04	18.36	21.56
BB	10.74	0.00	15.19
B	2.66	0.00	10.38
Below B	3.57	0.00	5.47
Not Rated	0.00	0.00	2.72

## Sector Weighting as of 09-30-2020



## Top 10 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
United States Treasury Notes 1.75%	12-2024	13.19	13.19	-
⊕ Franklin IFT Money Market	-	11.23	24.42	-
Mexico (United Mexican States) 6.75%	03-2023	7.45	31.87	-
⊕ Japan(Govt Of) 0%	03-2021	4.38	36.25	-
⊖ Brazil (Federative Republic) 9.61%	01-2021	3.37	39.62	-
The Republic of Korea 1.38%	12-2029	2.89	42.51	-
Indonesia (Republic of) 9.5%	07-2023	2.86	45.37	-
United States Treasury Notes 2.62%	12-2025	2.68	48.06	-
⊕ Japan(Govt Of) 0%	12-2020	2.42	50.48	-
Mexico (United Mexican States) 8%	12-2023	2.41	52.89	-

**Total Holdings 197**

⊕ 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 4.43 years.

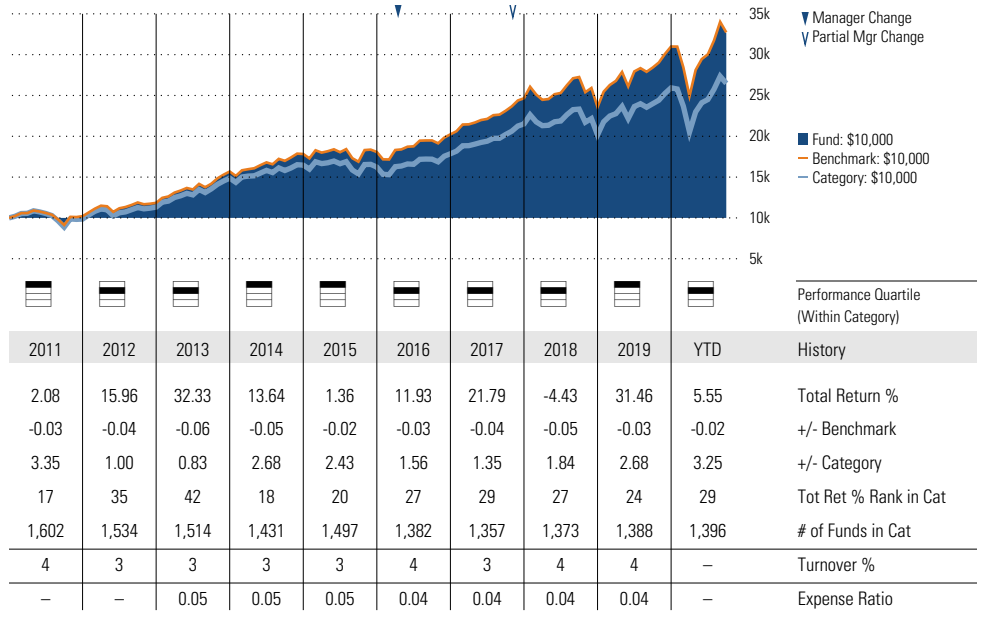
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.04 is 95.29% lower than the Large Blend category average.

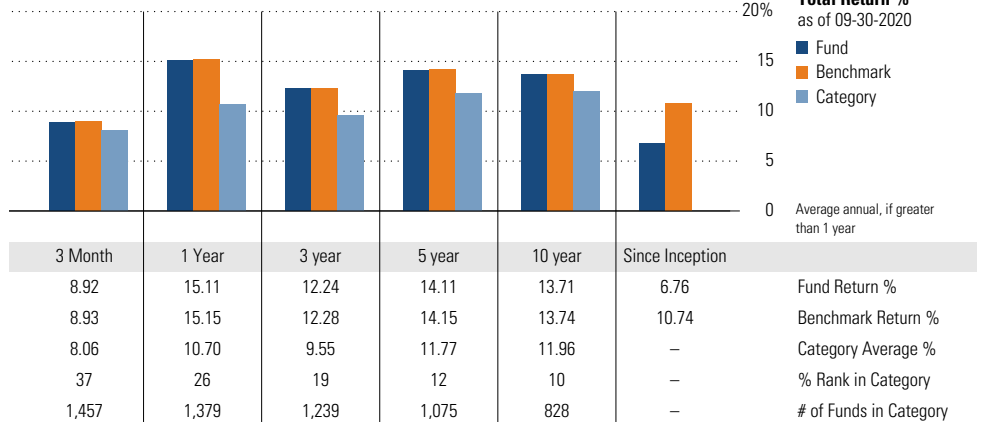
## Morningstar Investment Management LLC Analysis

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.

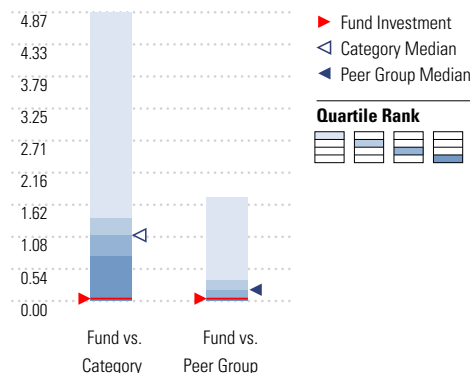
## Growth of \$10,000



## 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

Metric	Fund	Bmark	Cat
Alpha	-0.04	-	-2.29
Beta	1.00	-	0.97
R-Squared	100.00	-	95.59
Standard Deviation	17.74	17.74	17.56
Sharpe Ratio	0.65	0.65	0.51
Tracking Error	0.01	-	3.57
Information Ratio	-3.89	-	-1.28
Up Capture Ratio	99.93	-	91.12
Down Capture Ratio	100.06	-	100.00

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	25.91	25.90	24.36
Price/Book Ratio	3.56	3.55	3.50
Geom Avg Mkt Cap \$B	156.78	156.62	220.30
ROE	27.33	27.32	29.32

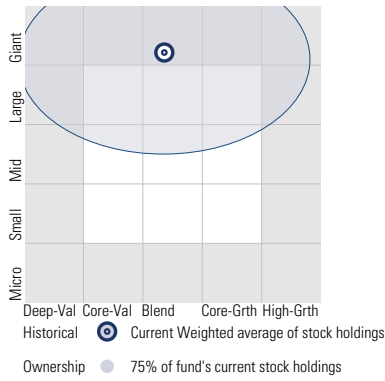
# Vanguard 500 Index Admiral VFIAX

Morningstar Category  
Large Blend

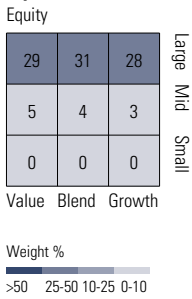
Morningstar Index  
S&P 500 TR USD

## Style Analysis as of 09-30-2020

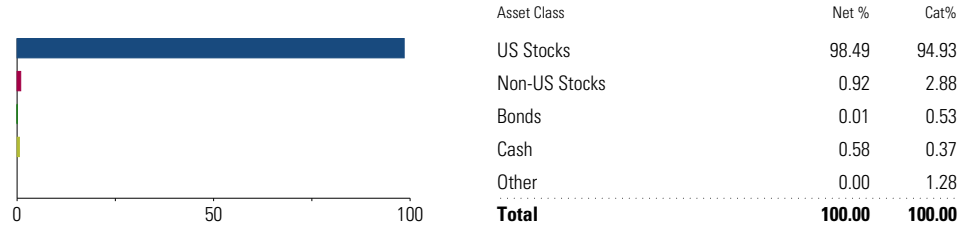
Morningstar Style Box™



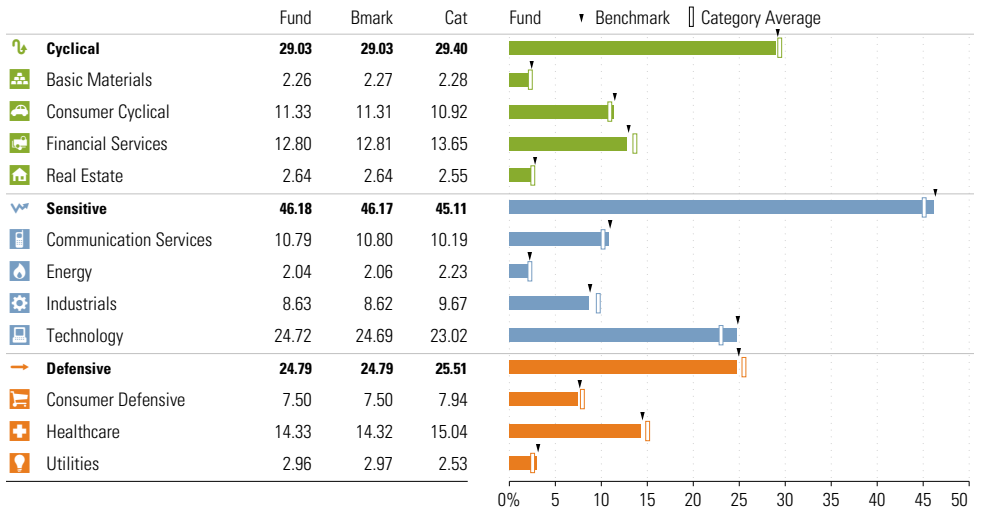
## Style Breakdown



## Asset Allocation as of 09-30-2020



## Sector Weighting as of 09-30-2020



## Top 15 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Apple Inc	6.65	6.65	58.57	Technology
Microsoft Corp	5.68	12.33	34.34	Technology
Amazon.com Inc	4.79	17.12	70.40	Consumer Cyclical
Facebook Inc A	2.25	19.37	27.60	Communication Svc
Alphabet Inc A	1.57	20.94	9.42	Communication Svc
Alphabet Inc Class C	1.54	22.48	9.92	Communication Svc
Berkshire Hathaway Inc Class B	1.48	23.96	-5.99	Financial Services
Johnson & Johnson	1.40	25.36	4.10	Healthcare
Procter & Gamble Co	1.24	26.60	13.14	Consumer Defensive
Visa Inc Class A	1.20	27.79	6.90	Financial Services
NVIDIA Corp	1.19	28.98	130.22	Technology
The Home Depot Inc	1.07	30.05	29.23	Consumer Cyclical
Mastercard Inc A	1.07	31.12	13.66	Financial Services
UnitedHealth Group Inc	1.06	32.18	7.27	Healthcare
JPMorgan Chase & Co	1.03	33.21	-29.00	Financial Services

Total Holdings 514

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Emerging Mkts Stock Idx Adm VEMAX

**Morningstar Category**  
Diversified Emerging Mkts

**Morningstar Index**  
MSCI EM NR USD

## Portfolio Manager(s)

Michael Perre since 08-2008

Jeffrey Miller since 02-2016

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 12.1 years.

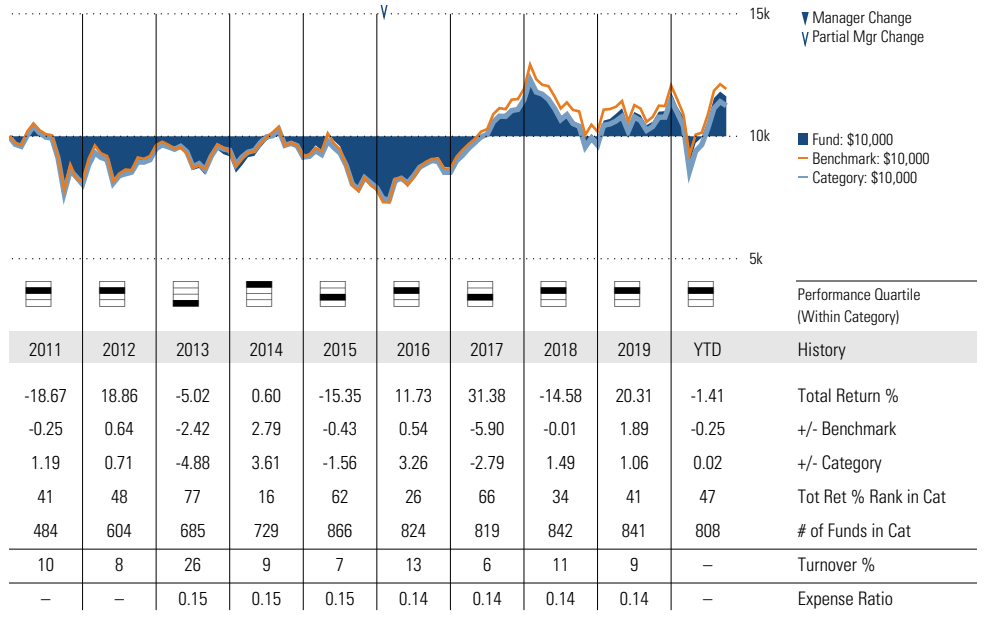
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.14 is 88.62% lower than the Diversified Emerging Mkts category average.

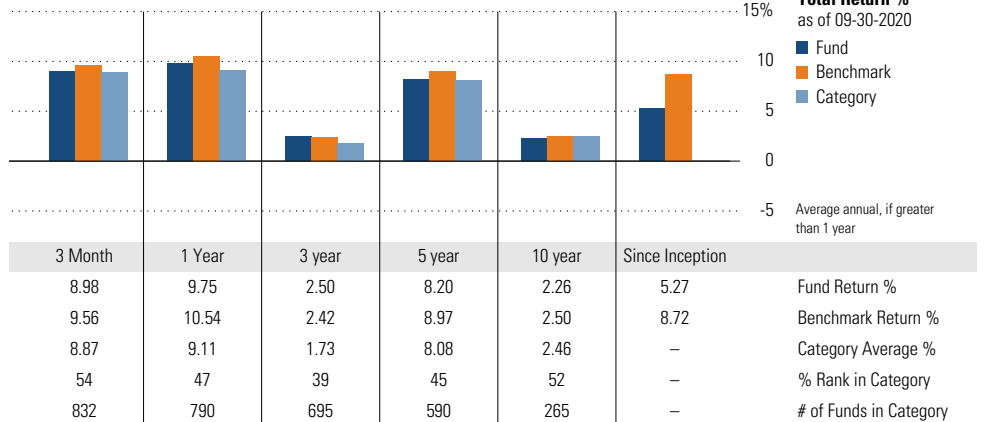
## Morningstar Investment Management LLC Analysis

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

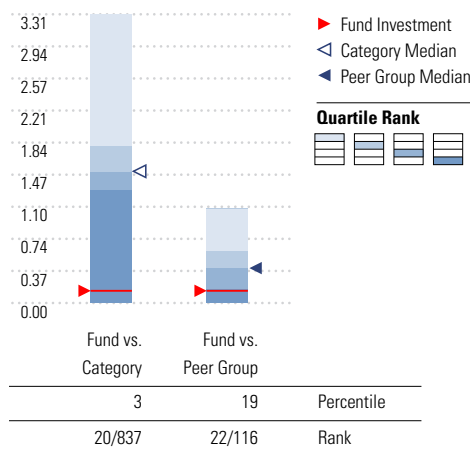
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.15	-	0.02
Beta	0.99	-	0.98
R-Squared	97.80	-	91.09
Standard Deviation	18.98	18.94	19.57
Sharpe Ratio	0.14	0.13	0.13
Tracking Error	2.82	-	5.63
Information Ratio	0.03	-	-0.06
Up Capture Ratio	100.64	-	98.28
Down Capture Ratio	100.34	-	98.99

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	16.20	16.62	18.96
Price/Book Ratio	1.78	1.72	2.30
Geom Avg Mkt Cap \$B	29.77	45.93	53.07
ROE	15.58	15.20	16.94

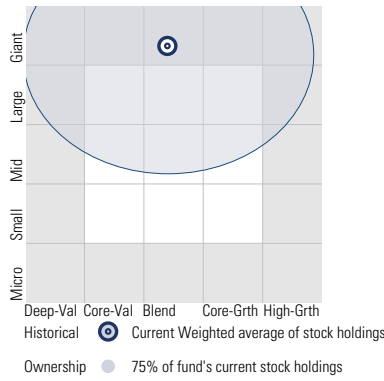
# Vanguard Emerging Mkts Stock Idx Adm VEMAX

**Morningstar Category**  
Diversified Emerging Mkts

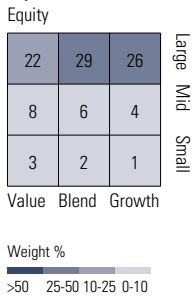
**Morningstar Index**  
MSCI EM NR USD

## Style Analysis as of 09-30-2020

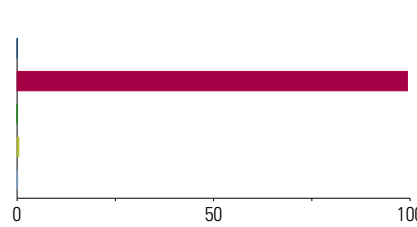
Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 09-30-2020

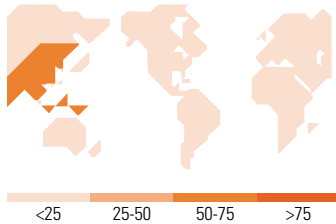


Asset Class	Net %	Cat%
US Stocks	0.08	2.88
Non-US Stocks	99.31	94.80
Bonds	0.04	0.04
Cash	0.44	1.44
Other	0.14	0.85
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>46.70</b>	<b>44.77</b>	<b>41.12</b>			
Basic Materials	7.35	6.99	5.00			
Consumer Cyclical	17.73	18.09	16.27			
Financial Services	18.02	17.12	17.79			
Real Estate	3.60	2.57	2.06			
<b>Sensitive</b>	<b>39.37</b>	<b>42.26</b>	<b>43.59</b>			
Communication Services	12.87	14.01	14.56			
Energy	5.60	5.38	4.36			
Industrials	5.56	4.17	4.48			
Technology	15.34	18.70	20.19			
<b>Defensive</b>	<b>13.92</b>	<b>12.96</b>	<b>15.28</b>			
Consumer Defensive	6.61	6.70	9.06			
Healthcare	4.76	4.34	4.90			
Utilities	2.55	1.92	1.32			

## World Regions % Equity 09-30-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	78.65	75.71	Americas	8.00	11.45	Greater Europe	13.35	12.84	Developed Markets	19.12
Japan	0.00	0.25	North America	0.04	2.27	United Kingdom	0.00	0.61	Emerging Markets	80.88
Australasia	0.00	0.00	Central/Latin	7.96	9.18	W euro-ex UK	0.31	1.87	Not Available	0.00
Asia-4 Tigers	16.38	24.54				Emrgng Europe	3.47	5.79		
Asia-ex 4 Tigers	62.27	50.92				Africa	9.57	4.57		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Alibaba Group Holding Ltd ADR	8.02	8.02	38.60	Consumer Cyclical
Tencent Holdings Ltd	6.00	14.02	36.50	Communication Svc
Taiwan Semiconductor Manufacturing Co Ltd	3.80	17.82	33.08	Technology
Taiwan Semiconductor Manufacturing Co Ltd ADR	1.95	19.77	41.72	Technology
Meituan	1.75	21.52	132.07	Consumer Cyclical
Reliance Industries Ltd	1.47	22.99	49.41	Energy
Naspers Ltd Class N	1.15	24.14	1.78	Communication Svc
JD.com Inc ADR	1.03	25.17	120.30	Consumer Cyclical
China Construction Bank Corp Class H	0.92	26.09	-20.21	Financial Services
Ping An Insurance (Group) Co. of China Ltd Class H	0.86	26.96	-11.16	Financial Services

**Total Holdings 4146**

⊕ 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 9.12 years.

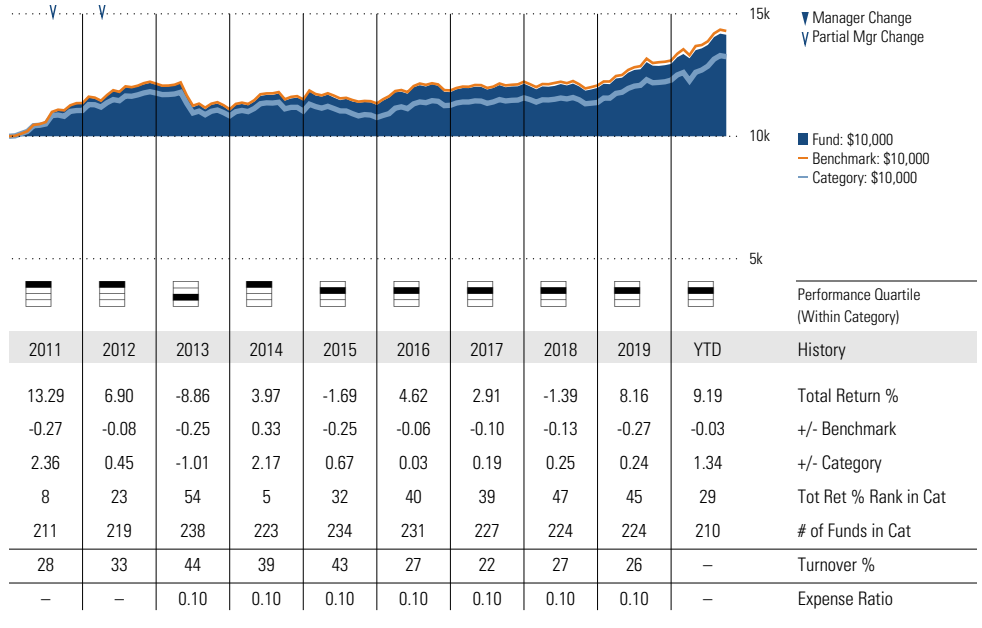
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.1 is 85.29% lower than the Inflation-Protected Bond category average.

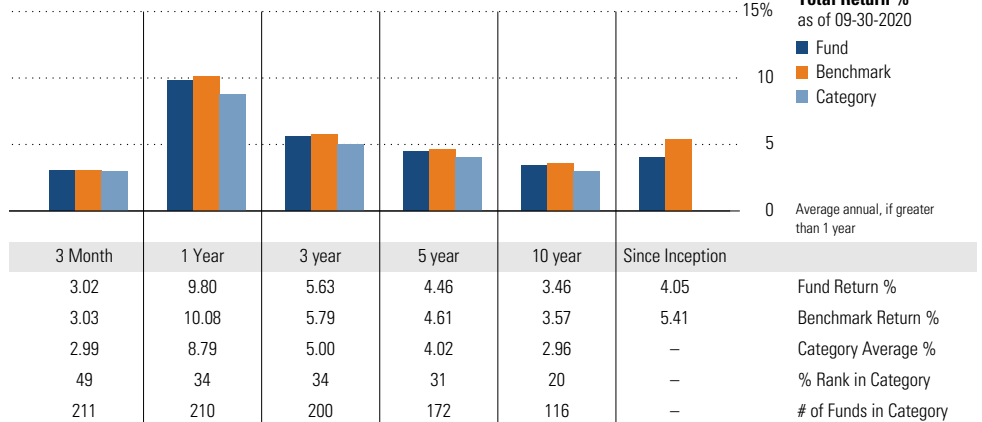
## Morningstar Investment Management LLC Analysis

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.

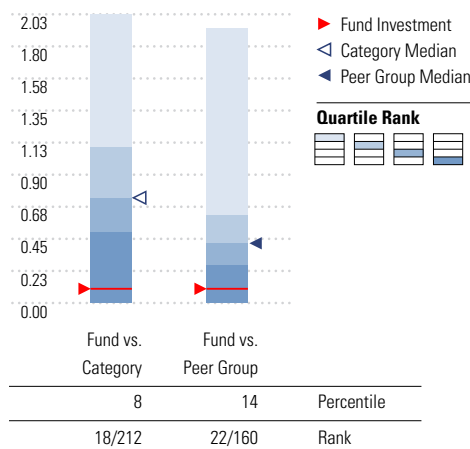
## Growth of \$10,000



## 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

Metric	Fund	Bmark	Cat
Alpha	0.19	-	-0.60
Beta	0.94	-	0.92
R-Squared	98.24	-	78.22
Standard Deviation	3.59	3.80	4.12
Sharpe Ratio	1.09	1.07	0.78
Tracking Error	0.53	-	2.12
Information Ratio	-0.32	-	-0.65
Up Capture Ratio	95.62	-	86.21
Down Capture Ratio	92.57	-	97.65

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	7.76	4.52	7.64
Avg Eff Maturity	8.40	-	9.74

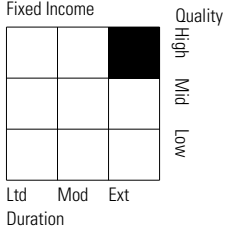
# Vanguard Inflation-Protected Secs Adm VAIPX

**Morningstar Category**  
Inflation-Protected Bond

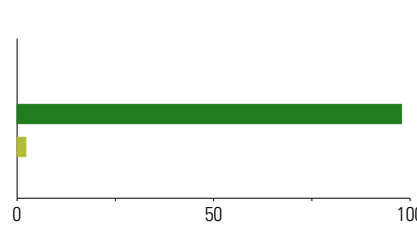
**Morningstar Index**  
BBgBarc US Treasury US TIPS TR USD

## Style Analysis as of 09-30-2020

### Style Breakdown



## Asset Allocation as of 09-30-2020

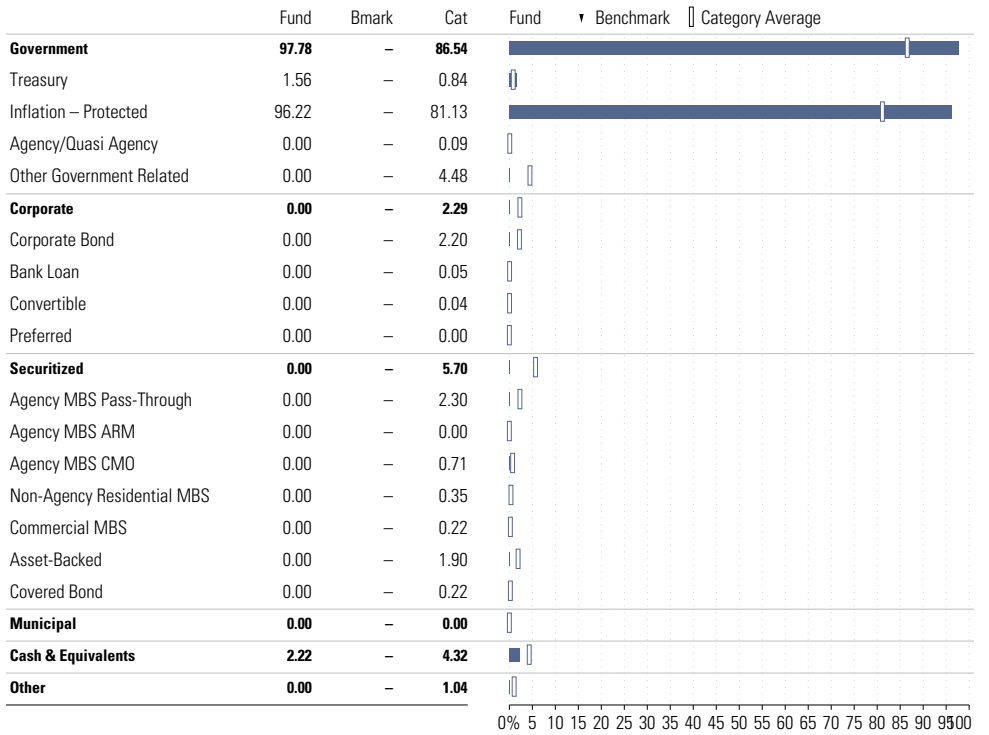


Asset Class	Net %	Cat%
US Stocks	0.00	-0.04
Non-US Stocks	0.00	0.01
Bonds	97.78	99.36
Cash	2.22	2.36
Other	0.00	-1.70
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	100.00	0.00	95.71
AA	0.00	99.60	1.90
A	0.00	0.00	0.73
BBB	0.00	0.00	1.28
BB	0.00	0.00	0.17
B	0.00	0.00	0.05
Below B	0.00	0.00	0.00
Not Rated	0.00	0.40	0.16

## Sector Weighting as of 09-30-2020



## Top 10 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊖ United States Treasury Notes 0.12%	04-2025	4.13	4.13	-
⊕ United States Treasury Notes 0.38%	07-2023	3.64	7.77	-
⊕ United States Treasury Notes 0.62%	01-2024	3.57	11.35	-
⊕ United States Treasury Notes 0.12%	07-2024	3.47	14.81	-
⊕ United States Treasury Notes 0.38%	07-2025	3.31	18.13	-
⊕ United States Treasury Notes 0.12%	01-2023	3.27	21.40	-
⊕ United States Treasury Notes 0.25%	01-2025	3.24	24.64	-
⊕ United States Treasury Notes 0.12%	01-2030	3.24	27.88	-
⊕ United States Treasury Notes 0.62%	04-2023	3.18	31.05	-
⊕ United States Treasury Notes 0.5%	01-2028	3.16	34.21	-

## Total Holdings 47

⊕ 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 24.4 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.12 is 89.09% 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.

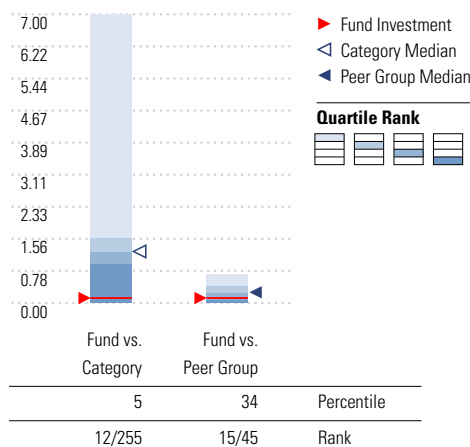
## Growth of \$10,000



## 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	2.03	-	1.73
Beta	0.94	-	0.92
R-Squared	98.71	-	94.44
Standard Deviation	18.01	19.03	18.15
Sharpe Ratio	0.13	0.03	0.13
Tracking Error	2.35	-	4.55
Information Ratio	0.92	-	0.40
Up Capture Ratio	100.14	-	96.34
Down Capture Ratio	90.62	-	88.90

## Portfolio Metrics

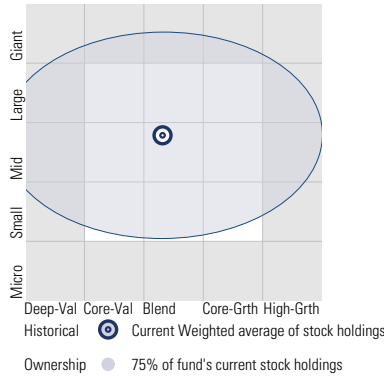
	Fund	Bmark	Cat
Price/Earnings Ratio	30.57	38.46	30.38
Price/Book Ratio	2.28	2.42	2.41
Geom Avg Mkt Cap \$B	17.62	9.35	19.62
ROE	11.89	9.56	12.16

# Vanguard Real Estate Index Admiral VGSLX

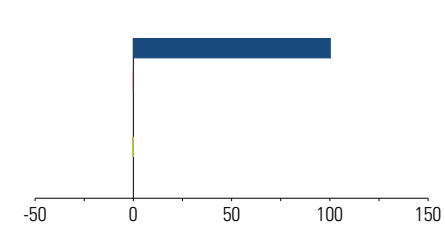
**Morningstar Category**  
Real Estate

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

**Style Analysis** as of 09-30-2020  
Morningstar Style Box™



**Asset Allocation** as of 09-30-2020

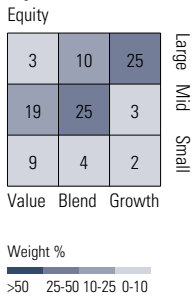


Asset Class	Net %	Cat%
US Stocks	100.23	90.22
Non-US Stocks	0.03	1.07
Bonds	0.00	3.23
Cash	-0.27	1.50
Other	0.00	3.98
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>99.97</b>	<b>99.13</b>	<b>99.20</b>			
Basic Materials	0.00	0.00	0.07			
Consumer Cyclical	0.00	0.13	1.06			
Financial Services	0.01	0.00	0.11			
Real Estate	99.96	99.00	97.96			
<b>Sensitive</b>	<b>0.03</b>	<b>0.87</b>	<b>0.74</b>			
Communication Services	0.00	0.00	0.17			
Energy	0.00	0.00	0.02			
Industrials	0.03	0.87	0.18			
Technology	0.00	0.00	0.37			
<b>Defensive</b>	<b>0.00</b>	<b>0.00</b>	<b>0.07</b>			
Consumer Defensive	0.00	0.00	0.00			
Healthcare	0.00	0.00	0.00			
Utilities	0.00	0.00	0.07			

**Style Breakdown**



**Top 15 Holdings** as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Real Estate II Index	12.36	12.36	-	-
⊖ American Tower Corp	8.52	20.88	6.63	Real Estate
⊖ Prologis Inc	5.91	26.79	14.83	Real Estate
⊖ Crown Castle International Corp	5.52	32.31	19.66	Real Estate
⊖ Equinix Inc	5.35	37.66	31.59	Real Estate
⊖ Digital Realty Trust Inc	2.96	40.62	25.37	Real Estate
⊖ SBA Communications Corp	2.83	43.45	32.73	Real Estate
⊖ Public Storage	2.70	46.15	7.40	Real Estate
⊖ Welltower Inc	1.83	47.98	-30.08	Real Estate
⊖ Weyerhaeuser Co	1.69	49.68	-4.44	Real Estate
⊖ AvalonBay Communities Inc	1.67	51.35	-26.51	Real Estate
⊖ Realty Income Corp	1.66	53.01	-14.64	Real Estate
⊖ Alexandria Real Estate Equities Inc	1.61	54.61	0.97	Real Estate
⊖ Simon Property Group Inc	1.57	56.18	-54.30	Real Estate
⊖ Equity Residential	1.52	57.70	-34.33	Real Estate

**Total Holdings 183**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Selected Value Inv VASVX

**Morningstar Category**  
Mid-Cap Value

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

## Portfolio Manager(s)

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

## Quantitative Screens

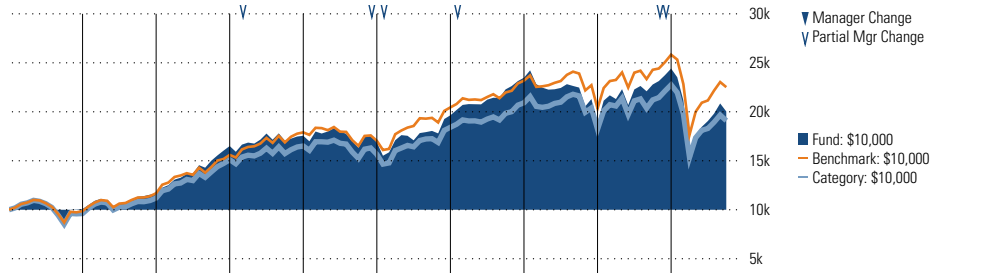
✔ **Performance:** The fund has finished in the Mid-Cap Value category's top three quartiles in 8 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 15.61 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 0.33 is 67.96% lower than the Mid-Cap Value category average.

## Growth of \$10,000



Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	History
Performance Quartile (Within Category)	III	III	III	III	III	III	III	III	III	III	History
Total Return %	0.82	15.25	42.04	6.36	-3.80	16.34	19.51	-19.73	29.54	-17.94	Total Return %
+/- Benchmark	2.20	-3.26	8.58	-8.39	0.98	-3.66	6.17	-7.44	2.48	-5.10	+/- Benchmark
+/- Category	4.78	-1.35	6.90	-2.95	1.61	-1.72	6.29	-6.87	4.36	-1.69	+/- Category
Tot Ret % Rank in Cat	16	68	8	81	37	62	7	94	20	64	Tot Ret % Rank in Cat
# of Funds in Cat	415	430	440	432	474	437	442	461	431	421	# of Funds in Cat
Turnover %	25	18	27	18	24	27	22	31	31	-	Turnover %
Expense Ratio	-	-	0.43	0.41	0.39	0.35	0.39	0.36	0.33	-	Expense Ratio

## Morningstar Investment Management LLC Analysis

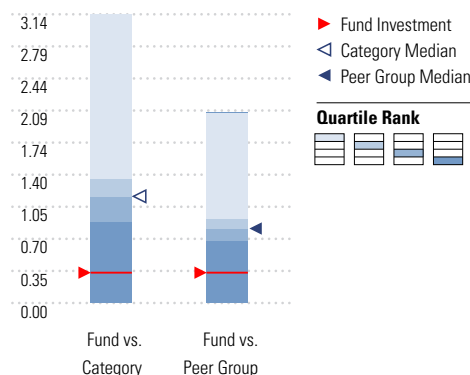
We are placing this fund on watch due to significant changes to the underlying subadvisor lineup. At the end of 2019, Vanguard removed longtime subadvisor Barrow Hanley, replacing the firm with another well-known value manager, Cooke & Bieler. The current allocation now stands at 40% to Cooke & Bieler, 28% to Pzena Investment Management, and 20% to Donald Smith & Co. (added in 2019). Although Vanguard has a strong track record of judiciously hiring and firing managers and the suite of managers here is seasoned, the new mix of strategies could lead to different performance dynamics, warranting the decision to place the fund on watch.

## Trailing Performance



Period	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Total Return % as of 09-30-2020
Fund Return %	5.11	-12.08	-3.49	4.17	8.33	7.64	Fund
Benchmark Return %	6.40	-7.30	0.82	6.38	9.71	10.99	Benchmark
Category Average %	4.39	-10.25	-1.16	4.93	8.16	-	Category
% Rank in Category	39	66	83	70	51	-	% Rank in Category
# of Funds in Category	424	418	390	347	248	-	# of Funds in Category

## Net Expense



Comparison	6	6	Percentile Rank
Fund vs. Category	25/424	17/290	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

Metric	Fund	Bmark	Cat
Alpha	-3.90	-	-1.98
Beta	1.16	-	1.02
R-Squared	97.52	-	96.44
Standard Deviation	25.16	21.45	22.27
Sharpe Ratio	-0.07	0.07	-0.01
Tracking Error	5.22	-	4.57
Information Ratio	-0.83	-	-0.44
Up Capture Ratio	101.22	-	98.57
Down Capture Ratio	117.89	-	106.74

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	10.53	21.21	17.47
Price/Book Ratio	1.10	2.11	1.67
Geom Avg Mkt Cap \$B	6.15	13.20	10.91
ROE	6.90	11.29	10.43

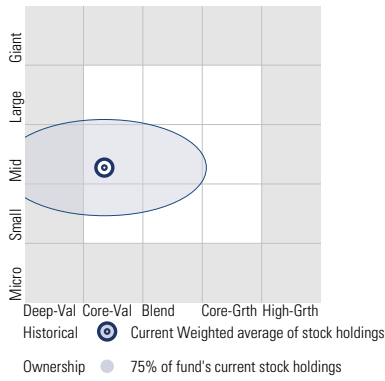
# Vanguard Selected Value Inv VASVX

**Morningstar Category**  
Mid-Cap Value

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

## Style Analysis as of 09-30-2020

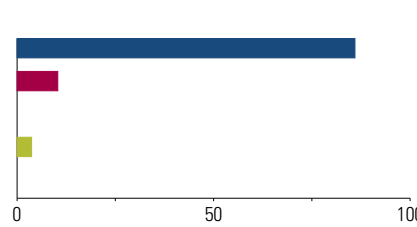
Morningstar Style Box™



## Style Breakdown

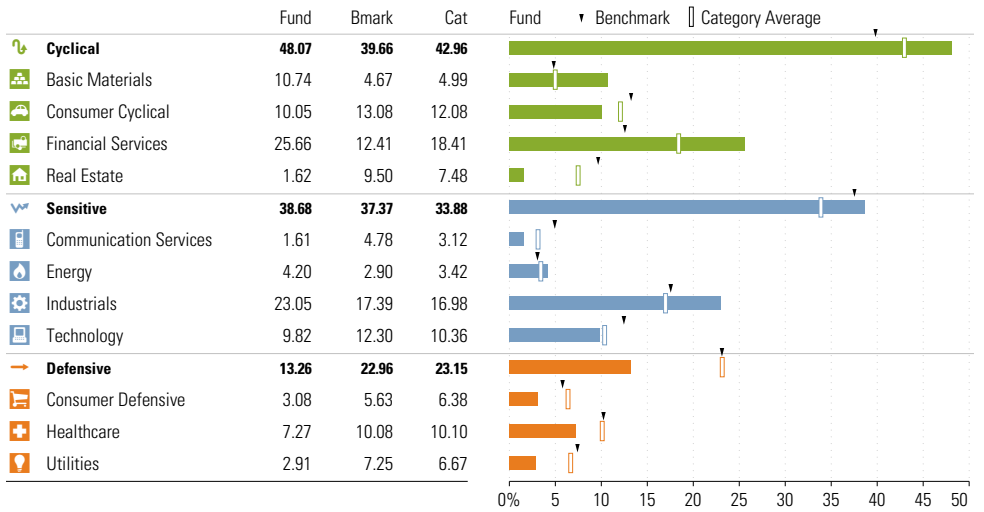


## Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	85.96	91.72
Non-US Stocks	10.35	5.80
Bonds	0.00	0.07
Cash	3.69	1.86
Other	0.00	0.54
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020



## Top 15 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Market Liquidity Inv	3.49	3.49	-	-
⊖ AerCap Holdings NV	2.85	6.35	-59.02	Industrials
⊖ Iamgold Corp	2.06	8.41	5.36	Basic Materials
⊕ Gildan Activewear Inc	1.89	10.31	-31.10	Consumer Cyclical
⊖ Gold Fields Ltd ADR	1.80	12.11	88.57	Basic Materials
⊖ Arrow Electronics Inc	1.77	13.88	-7.17	Technology
JetBlue Airways Corp	1.62	15.50	-39.48	Industrials
Taylor Morrison Home Corp Class A	1.56	17.06	12.49	Consumer Cyclical
⊕ Unum Group	1.53	18.58	-39.35	Financial Services
⊖ Snap-on Inc	1.47	20.05	-11.23	Industrials
⊖ Micron Technology Inc	1.39	21.45	-12.68	Technology
⊖ Helen Of Troy Ltd	1.33	22.78	7.64	Consumer Defensive
⊖ Globe Life Inc	1.26	24.04	-23.57	Financial Services
⊕ CNO Financial Group Inc	1.24	25.28	-9.60	Financial Services
⊖ Halliburton Co	1.22	26.50	-49.65	Energy

**Total Holdings 132**

⊕ 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 7.61 years.

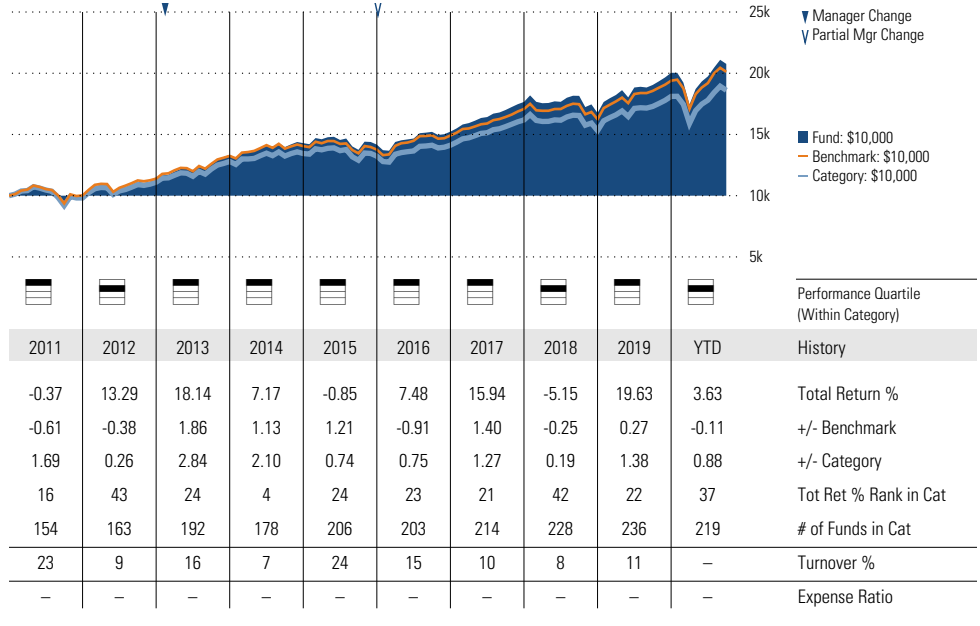
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.13 is 81.69% lower than the Target-Date 2025 category average.

## Morningstar Investment Management LLC Analysis

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

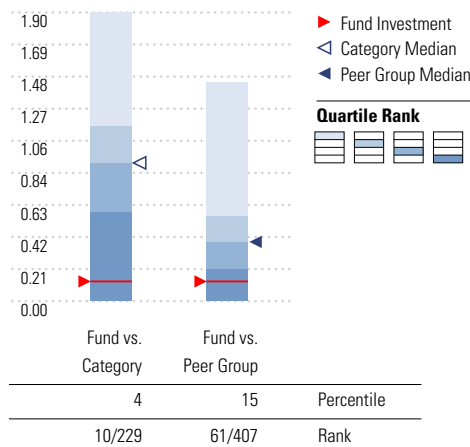
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.42	-	-0.97
Beta	1.05	-	1.00
R-Squared	99.04	-	97.86
Standard Deviation	10.72	10.11	10.17
Sharpe Ratio	0.53	0.56	0.46
Tracking Error	1.19	-	1.75
Information Ratio	-0.07	-	-0.62
Up Capture Ratio	105.17	-	96.02
Down Capture Ratio	109.38	-	103.60

## Portfolio Metrics

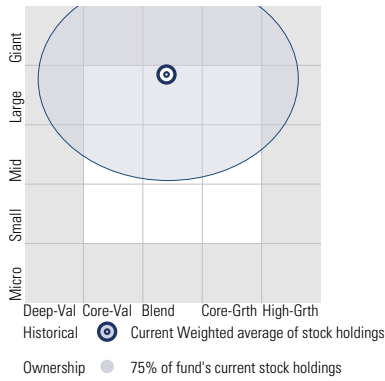
	Fund	Bmark	Cat
Price/Earnings Ratio	21.69	21.19	22.45
Price/Book Ratio	2.20	2.11	2.38
Avg Eff Duration	7.01	10.19	5.85

# Vanguard Target Retirement 2025 Inv VTTVX

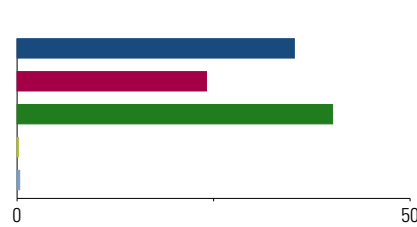
**Morningstar Category**  
Target-Date 2025

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

**Style Analysis** as of 09-30-2020  
Morningstar Style Box™

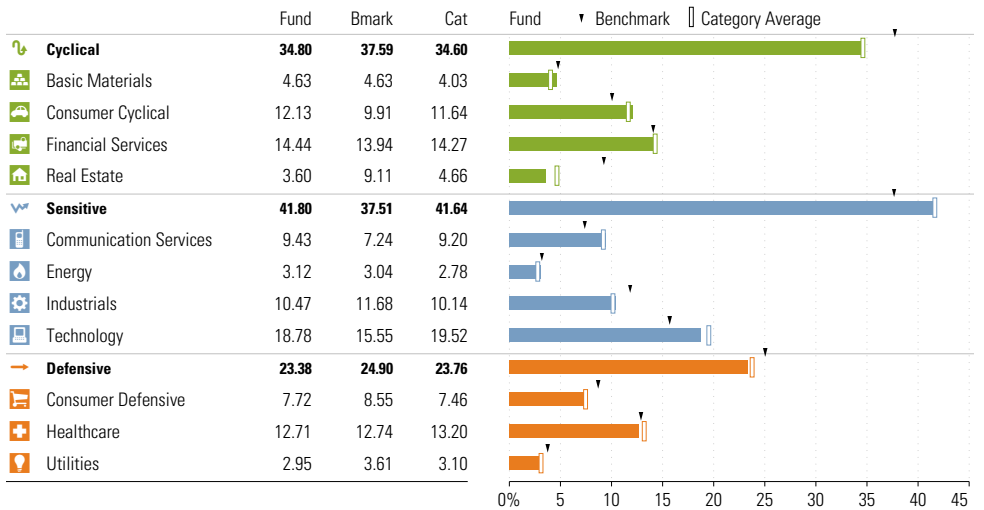


**Asset Allocation** as of 09-30-2020

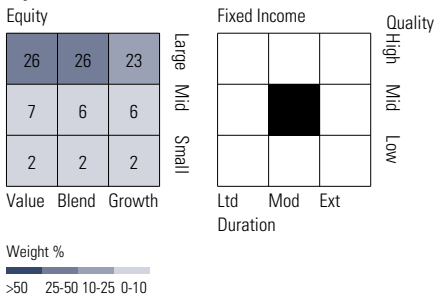


Asset Class	Net %	Cat%
US Stocks	35.27	32.64
Non-US Stocks	24.09	17.53
Bonds	40.14	36.71
Cash	0.16	3.65
Other	0.33	9.47
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2020



**Style Breakdown**



**Top 6 Holdings** as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	-	35.50	35.50	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	28.01	63.52	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	23.99	87.50	-	-
⊕ Vanguard Total Intl Bd Idx Investor	-	12.00	99.51	-	-
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Inv	-	0.49	100.00	-	-
⊕ Cashusd	-	0.00	100.00	-	-

**Total Holdings 6**

⊕ 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 7.61 years.

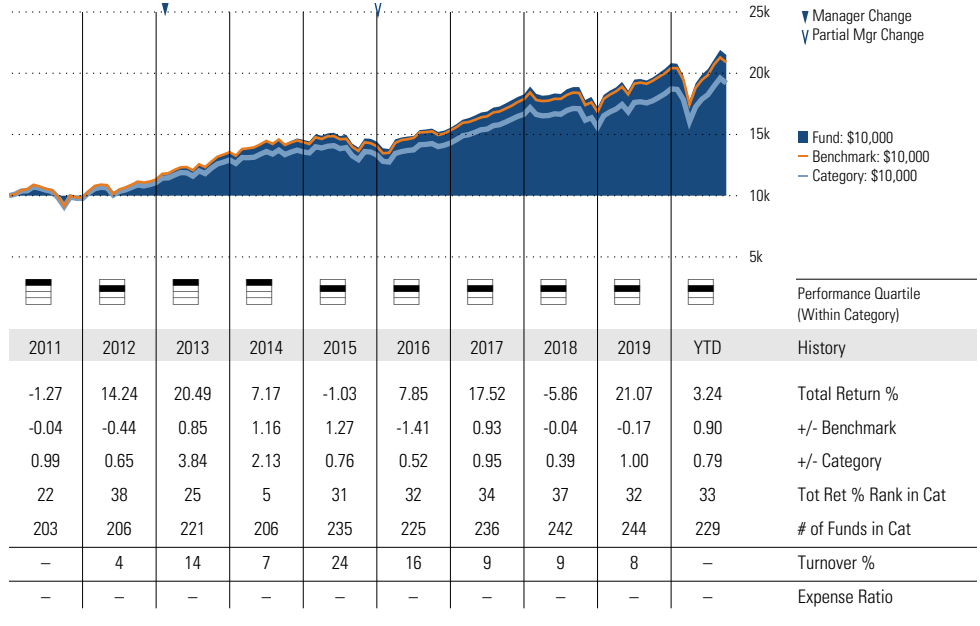
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.14 is 81.33% 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.

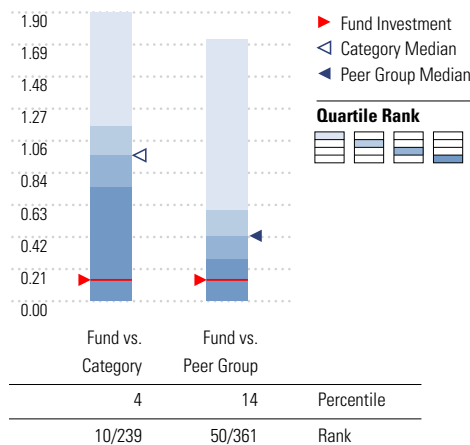
## Growth of \$10,000



## 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	0.03	-	-0.63
Beta	1.02	-	0.99
R-Squared	99.37	-	97.91
Standard Deviation	11.99	11.74	11.70
Sharpe Ratio	0.49	0.49	0.43
Tracking Error	0.97	-	1.82
Information Ratio	0.15	-	-0.42
Up Capture Ratio	103.55	-	97.85
Down Capture Ratio	104.23	-	102.68

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.72	21.04	22.45
Price/Book Ratio	2.20	2.09	2.38
Avg Eff Duration	7.07	10.91	5.92

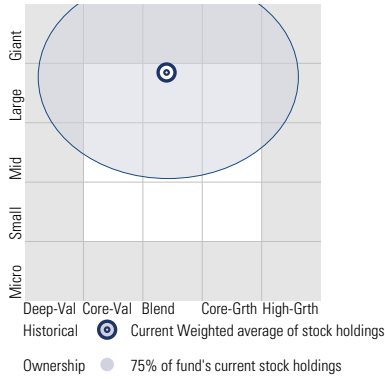
# Vanguard Target Retirement 2030 Inv VTHR

**Morningstar Category**  
Target-Date 2030

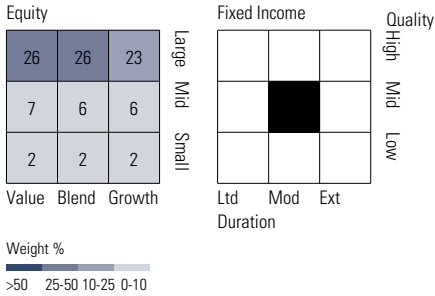
**Morningstar Index**  
Morningstar Lifetime Mod 2030 TR USD

## Style Analysis as of 09-30-2020

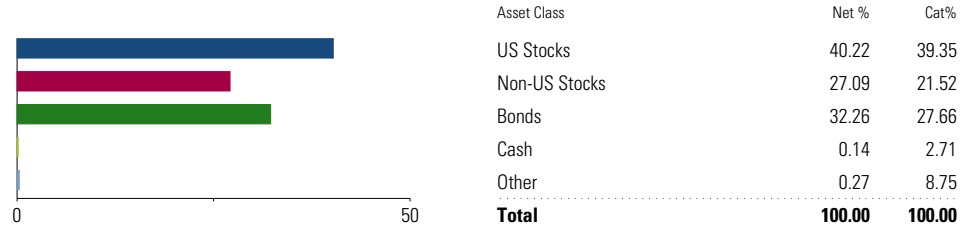
Morningstar Style Box™



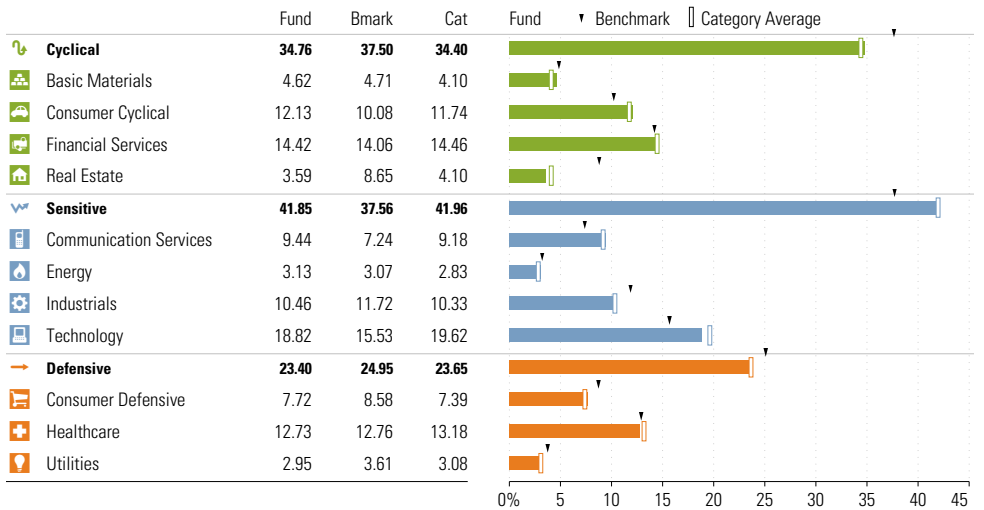
## Style Breakdown



## Asset Allocation as of 09-30-2020



## Sector Weighting as of 09-30-2020



## Top 5 Holdings as of 09-30-2020

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	-	26.97	67.46	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	22.69	90.15	-	-
⊕ Vanguard Total Intl Bd Idx Investor	-	9.85	100.00	-	-
⊖ Cashusd	-	0.00	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 7.61 years.

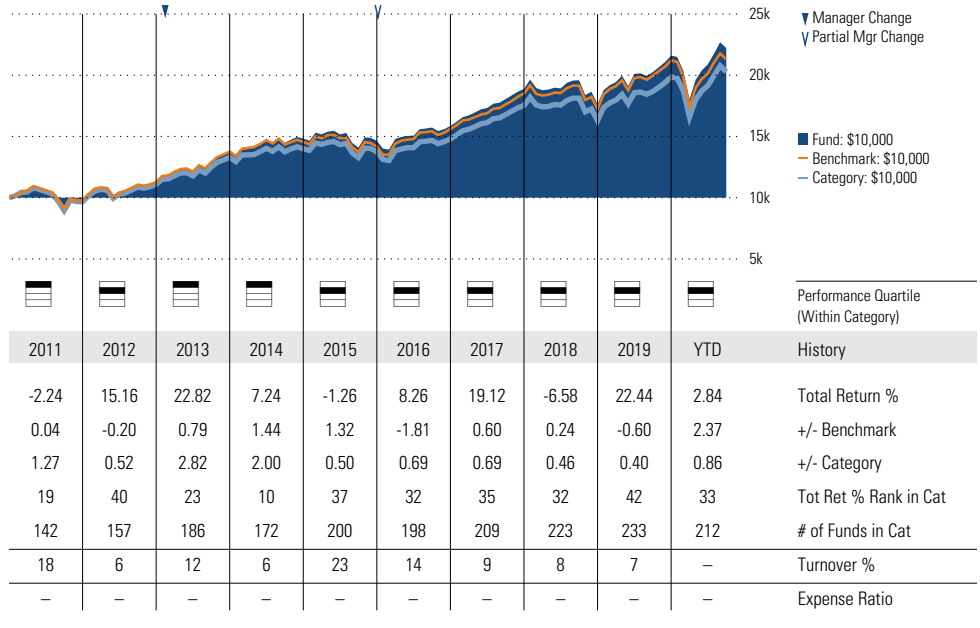
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.14 is 81.08% 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.

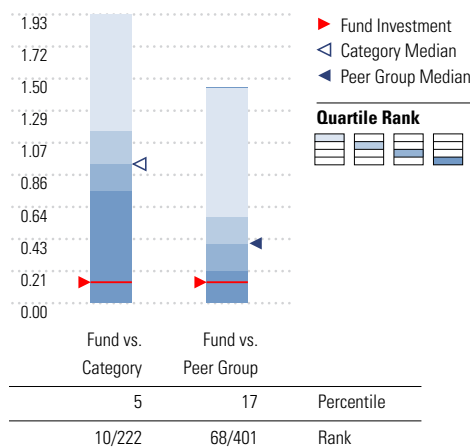
## Growth of \$10,000



## 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	0.71	-	-0.01
Beta	0.98	-	0.99
R-Squared	99.53	-	98.95
Standard Deviation	13.26	13.55	13.52
Sharpe Ratio	0.47	0.42	0.41
Tracking Error	0.96	-	1.65
Information Ratio	0.64	-	-0.06
Up Capture Ratio	100.62	-	99.61
Down Capture Ratio	96.96	-	99.83

## Portfolio Metrics

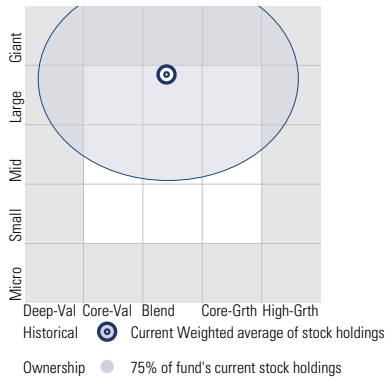
	Fund	Bmark	Cat
Price/Earnings Ratio	21.71	20.89	22.35
Price/Book Ratio	2.20	2.07	2.36
Avg Eff Duration	7.06	11.20	6.04

# Vanguard Target Retirement 2035 Inv VTTHX

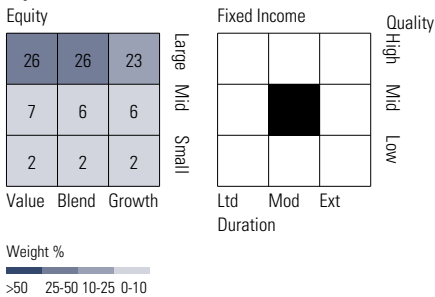
**Morningstar Category**  
Target-Date 2035

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

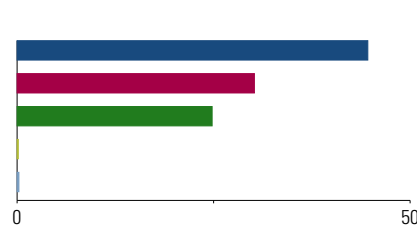
**Style Analysis** as of 09-30-2020  
Morningstar Style Box™



**Style Breakdown**

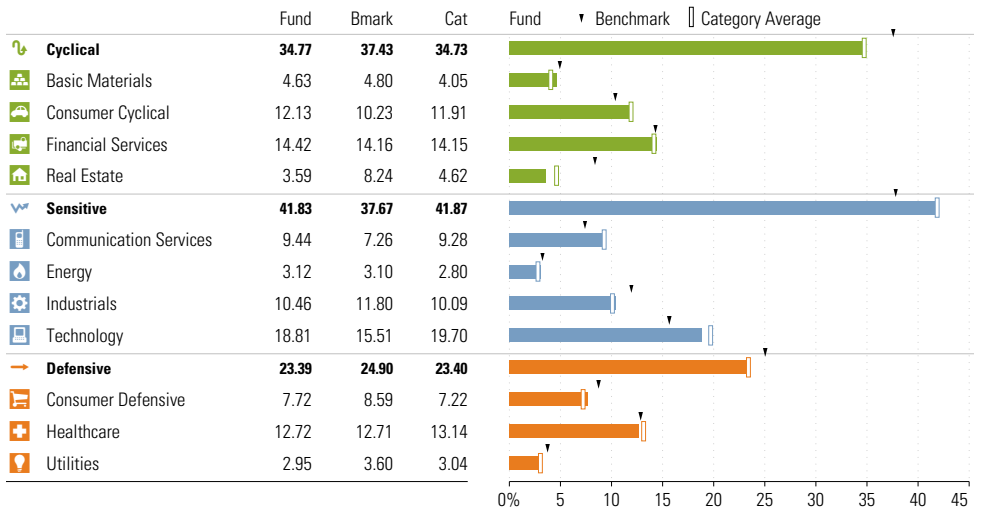


**Asset Allocation** as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	44.62	45.13
Non-US Stocks	30.19	24.76
Bonds	24.81	18.28
Cash	0.15	2.23
Other	0.23	9.59
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2020



**Top 5 Holdings** as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	-	44.91	44.91	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	30.06	74.97	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	17.48	92.45	-	-
⊕ Vanguard Total Intl Bd Idx Investor	-	7.55	100.00	-	-
⊖ Cashusd	-	0.00	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 7.61 years.

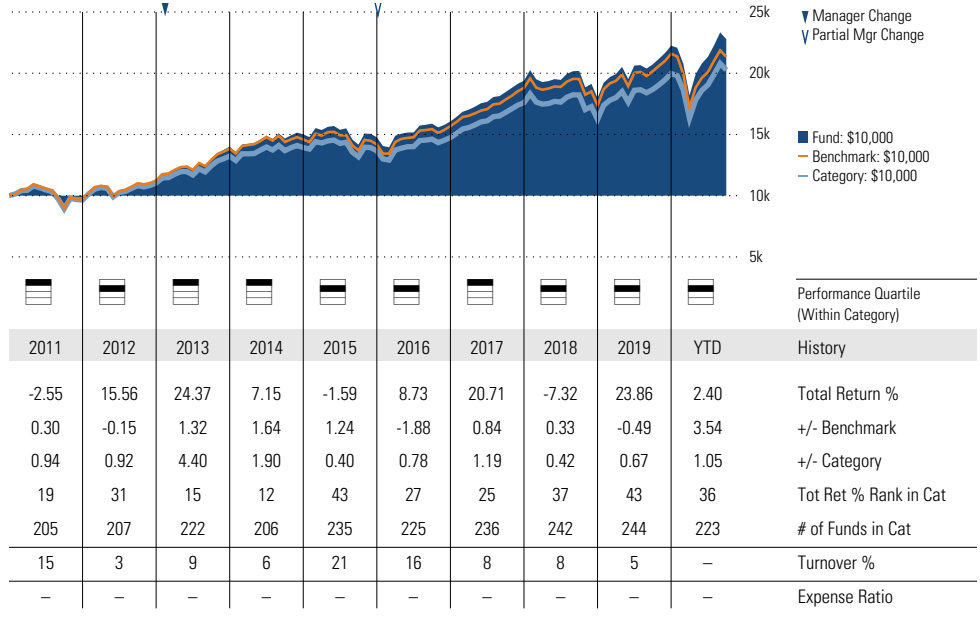
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.14 is 81.82% lower than the Target-Date 2040 category average.

## Morningstar Investment Management LLC Analysis

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

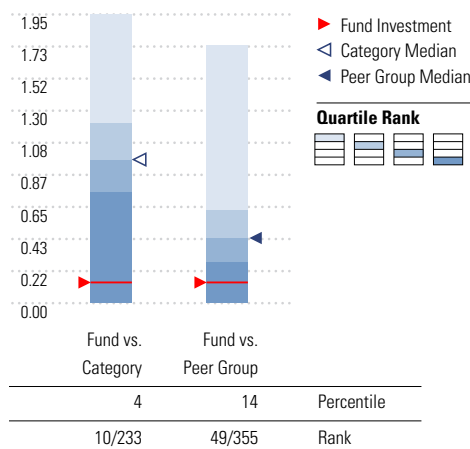
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.23	-	0.50
Beta	0.96	-	0.95
R-Squared	99.51	-	98.24
Standard Deviation	14.53	15.03	14.45
Sharpe Ratio	0.44	0.37	0.39
Tracking Error	1.15	-	1.97
Information Ratio	0.98	-	0.19
Up Capture Ratio	100.59	-	97.16
Down Capture Ratio	94.59	-	94.72

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.73	20.78	22.30
Price/Book Ratio	2.21	2.05	2.35
Avg Eff Duration	7.06	11.40	6.29

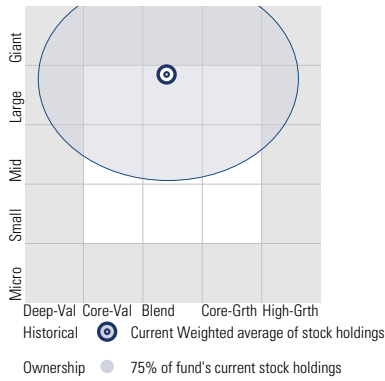
# Vanguard Target Retirement 2040 Inv VFORX

**Morningstar Category**  
Target-Date 2040

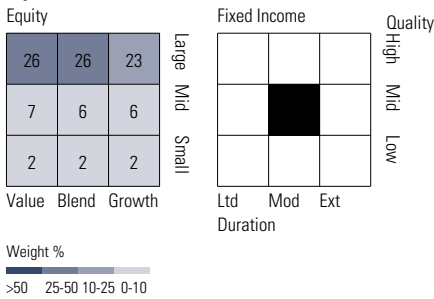
**Morningstar Index**  
Morningstar Lifetime Mod 2040 TR USD

## Style Analysis as of 09-30-2020

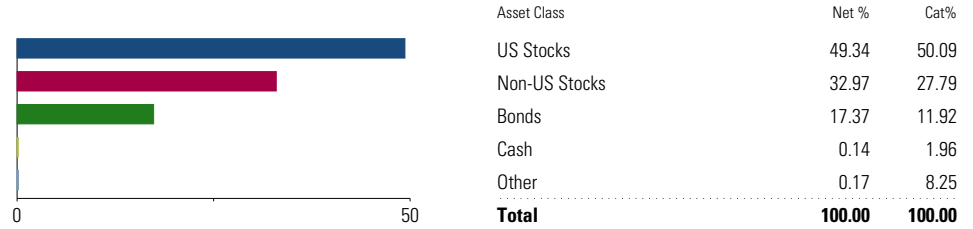
Morningstar Style Box™



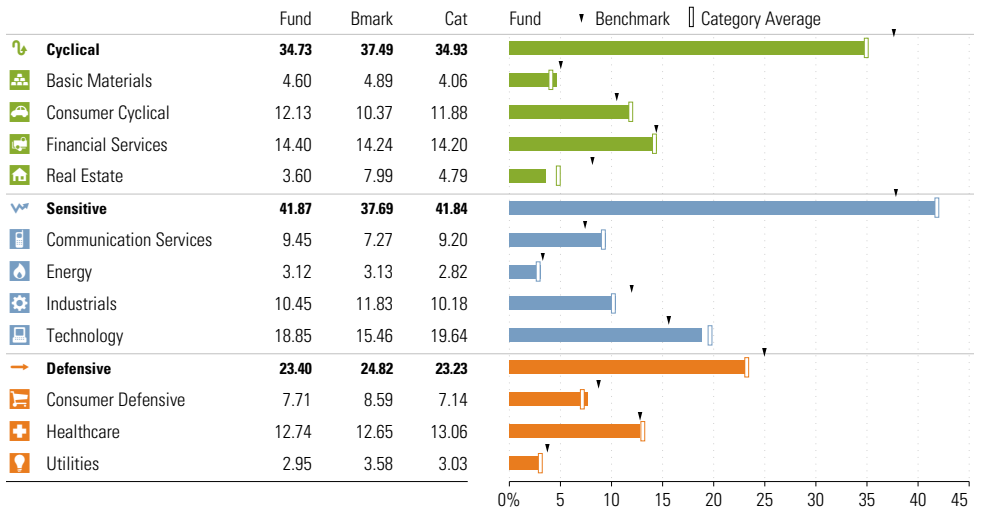
## Style Breakdown



## Asset Allocation as of 09-30-2020



## Sector Weighting as of 09-30-2020



## Top 5 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	—	49.68	49.68	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	32.81	82.49	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	12.24	94.72	—	—
⊕ Vanguard Total Intl Bd Idx Investor	—	5.28	100.00	—	—
⊕ Cashusd	—	0.00	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 7.61 years.

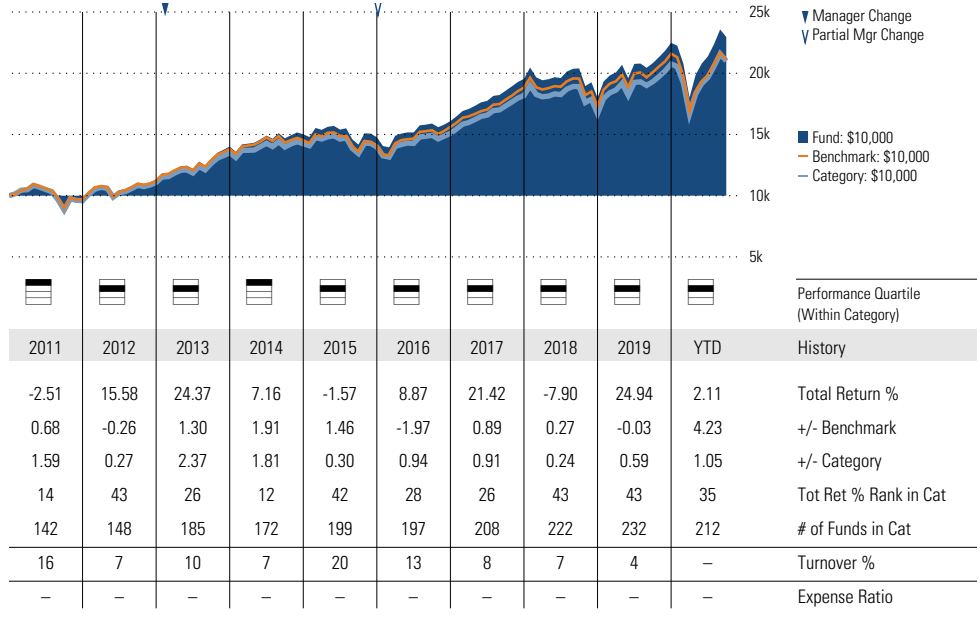
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

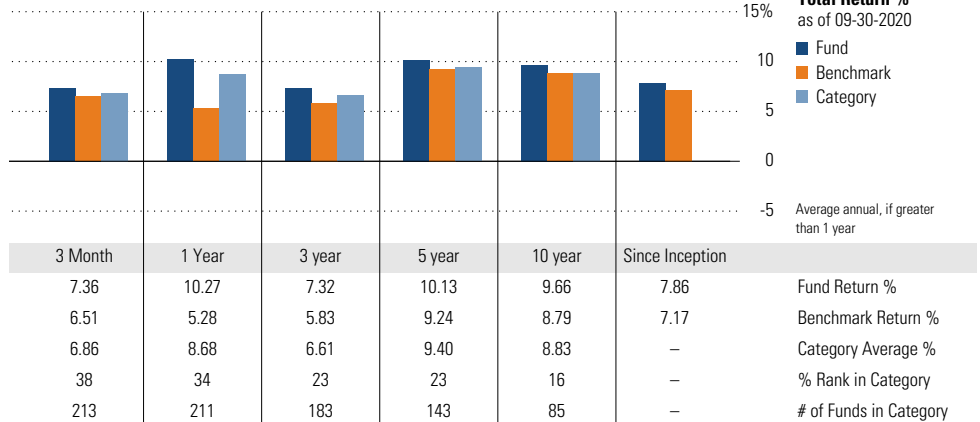
## Morningstar Investment Management LLC Analysis

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.

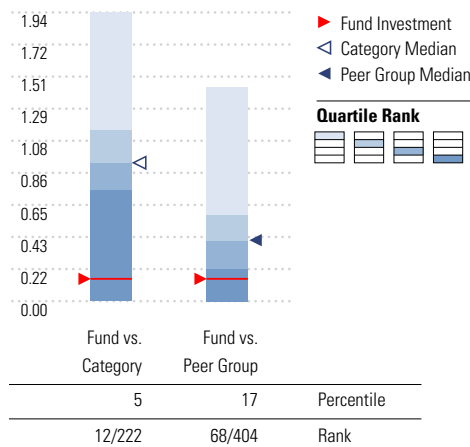
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.48	-	0.84
Beta	0.98	-	0.97
R-Squared	99.45	-	99.01
Standard Deviation	15.64	15.85	15.48
Sharpe Ratio	0.43	0.34	0.39
Tracking Error	1.19	-	1.71
Information Ratio	1.26	-	0.41
Up Capture Ratio	103.00	-	99.57
Down Capture Ratio	96.11	-	95.57

## Portfolio Metrics

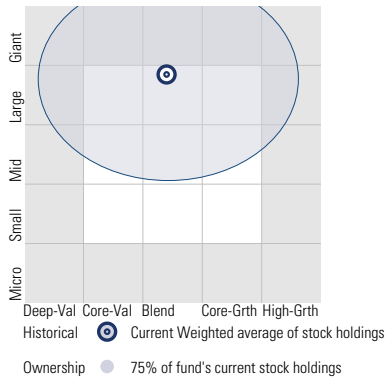
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	21.72	20.67	22.39
Price/Book Ratio	2.20	2.03	2.34
Avg Eff Duration	7.11	-	6.30

# Vanguard Target Retirement 2045 Inv VTIVX

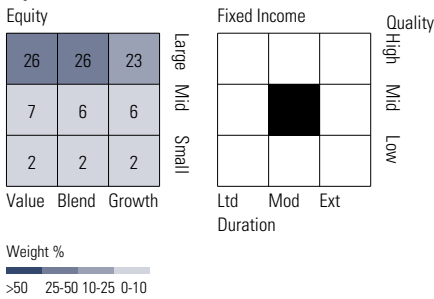
**Morningstar Category**  
Target-Date 2045

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

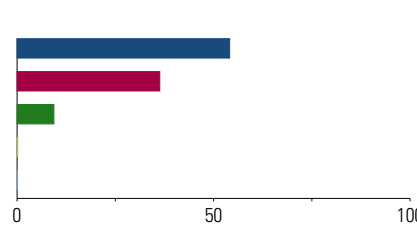
**Style Analysis** as of 09-30-2020  
Morningstar Style Box™



**Style Breakdown**

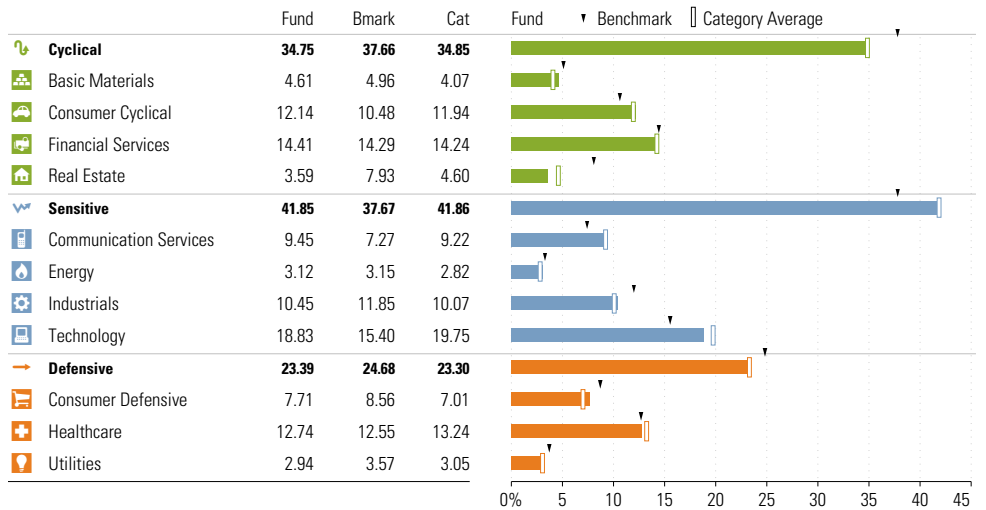


**Asset Allocation** as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	54.09	53.03
Non-US Stocks	36.30	29.90
Bonds	9.36	6.87
Cash	0.15	1.87
Other	0.11	8.33
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2020



**Top 5 Holdings** as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	-	54.46	54.46	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	36.13	90.58	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	6.33	96.91	-	-
⊕ Vanguard Total Intl Bd Idx Investor	-	3.09	100.00	-	-
⊖ Cashusd	-	0.00	100.00	-	-

**Total Holdings** 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2050 Inv VFIFX

**Morningstar Category**  
Target-Date 2050

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 7.61 years.

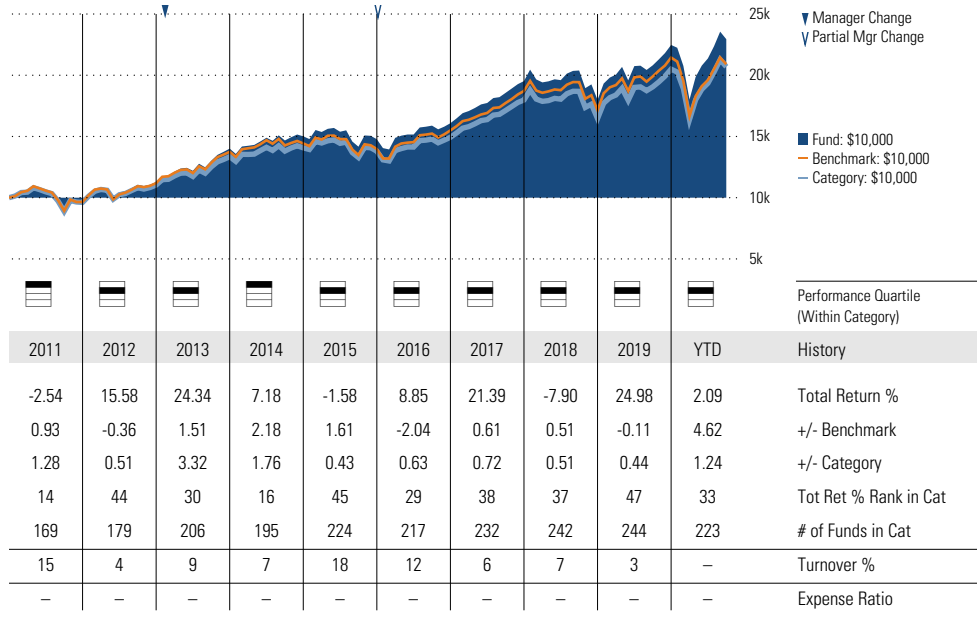
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.15 is 80.77% lower than the Target-Date 2050 category average.

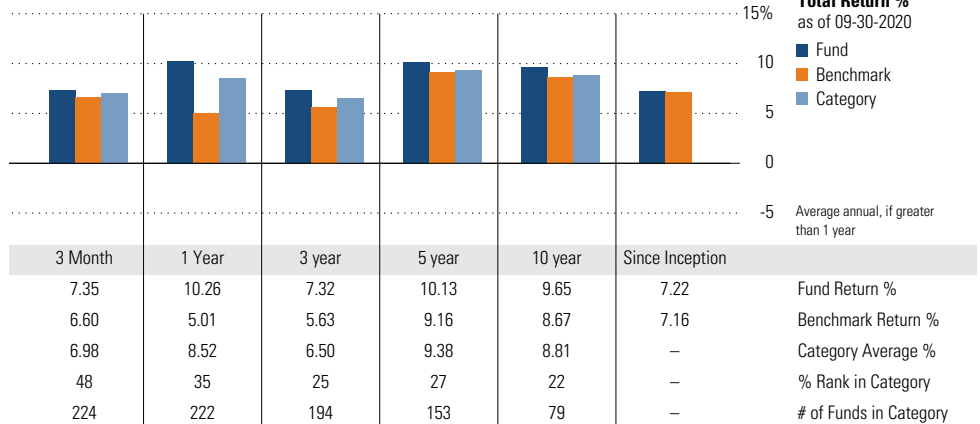
## Morningstar Investment Management LLC Analysis

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.

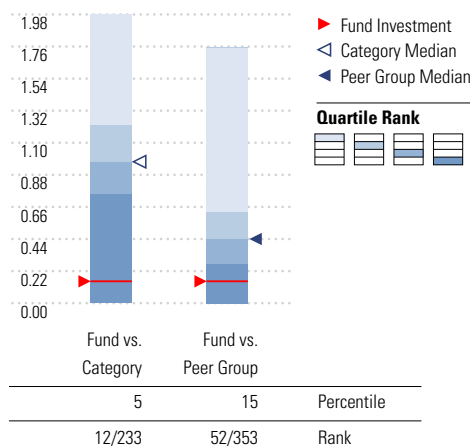
## Growth of \$10,000



## 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	1.73	-	0.99
Beta	0.97	-	0.96
R-Squared	99.40	-	98.21
Standard Deviation	15.65	16.11	15.53
Sharpe Ratio	0.43	0.32	0.38
Tracking Error	1.31	-	2.00
Information Ratio	1.29	-	0.48
Up Capture Ratio	102.08	-	98.63
Down Capture Ratio	94.10	-	94.06

## Portfolio Metrics

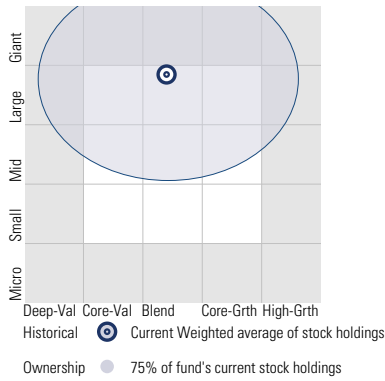
	Fund	Bmark	Cat
Price/Earnings Ratio	21.72	20.55	22.47
Price/Book Ratio	2.20	2.01	2.33
Avg Eff Duration	7.10	-	6.29

# Vanguard Target Retirement 2050 Inv VFIFX

**Morningstar Category**  
Target-Date 2050

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

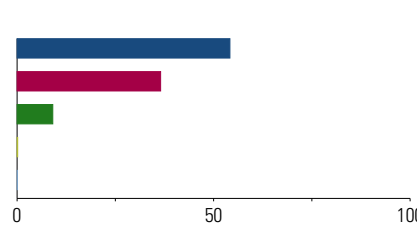
**Style Analysis** as of 09-30-2020  
Morningstar Style Box™



**Style Breakdown**

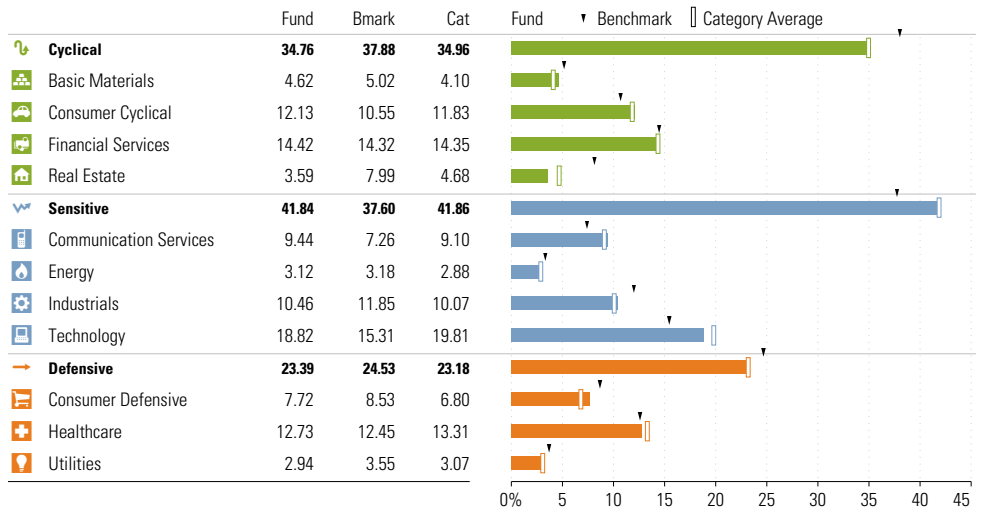


**Asset Allocation** as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	54.15	54.61
Non-US Stocks	36.52	30.67
Bonds	9.08	5.86
Cash	0.15	1.93
Other	0.10	6.94
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2020



**Top 5 Holdings** as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	-	54.51	54.51	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	36.35	90.86	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	6.18	97.05	-	-
⊕ Vanguard Total Intl Bd Idx Investor	-	2.95	100.00	-	-
⊖ Cashusd	-	0.00	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 7.61 years.

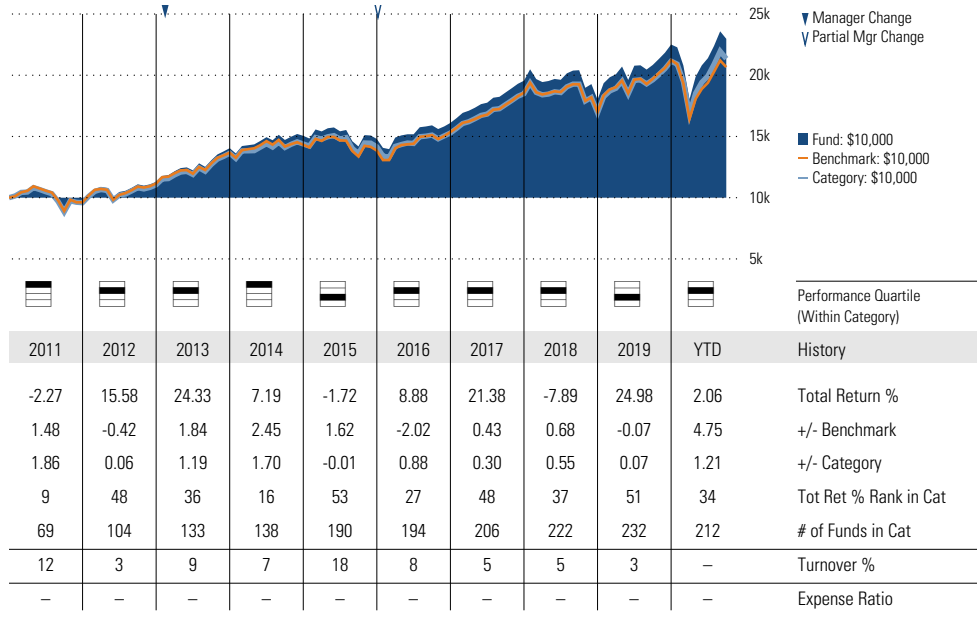
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.15 is 80% lower than the Target-Date 2055 category average.

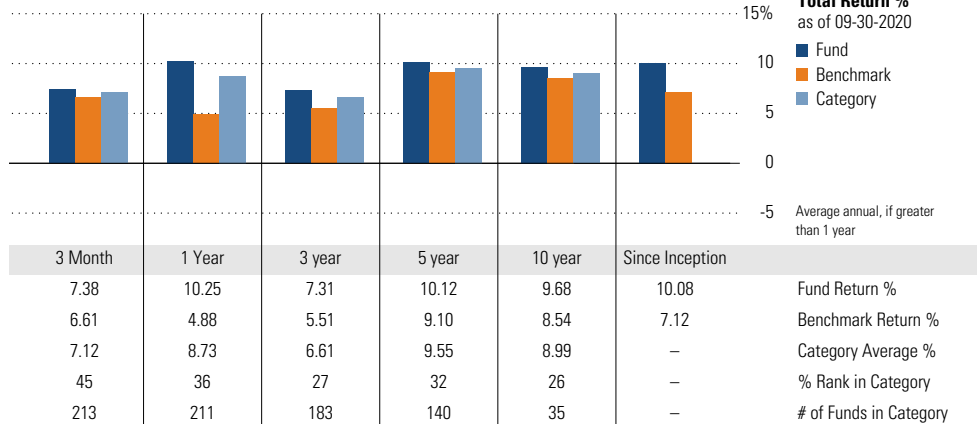
## Morningstar Investment Management LLC Analysis

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

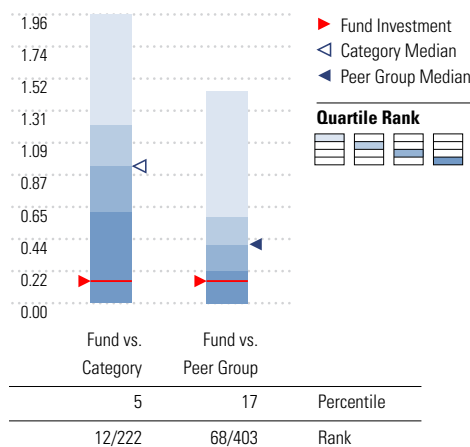
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.85	-	1.13
Beta	0.96	-	0.98
R-Squared	99.39	-	98.94
Standard Deviation	15.63	16.19	15.89
Sharpe Ratio	0.43	0.31	0.38
Tracking Error	1.36	-	1.75
Information Ratio	1.32	-	0.59
Up Capture Ratio	101.88	-	100.95
Down Capture Ratio	93.34	-	95.74

## Portfolio Metrics

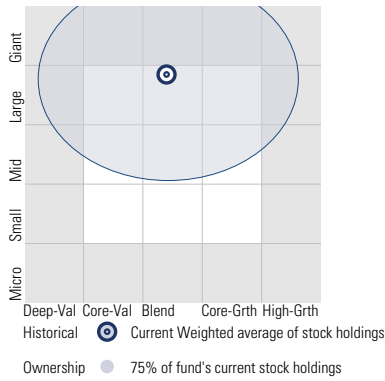
	Fund	Bmark	Cat
Price/Earnings Ratio	21.71	20.47	22.74
Price/Book Ratio	2.20	1.99	2.38
Avg Eff Duration	7.08	-	6.24

# Vanguard Target Retirement 2055 Inv VFFVX

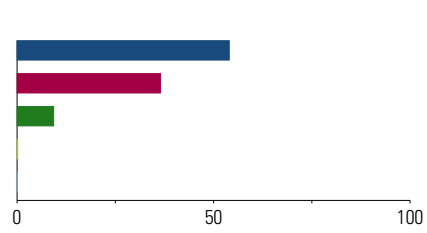
**Morningstar Category**  
Target-Date 2055

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

**Style Analysis** as of 09-30-2020  
Morningstar Style Box™

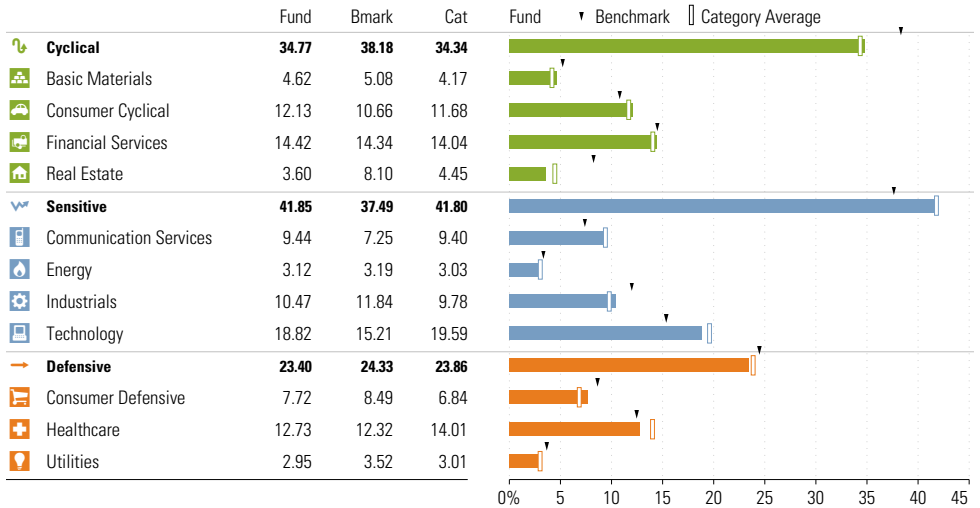


**Asset Allocation** as of 09-30-2020

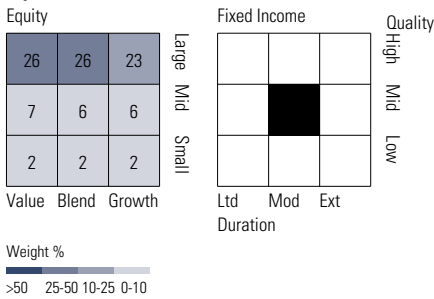


Asset Class	Net %	Cat%
US Stocks	53.98	54.80
Non-US Stocks	36.47	32.79
Bonds	9.30	5.42
Cash	0.15	2.72
Other	0.11	4.27
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2020



**Style Breakdown**



**Top 5 Holdings** as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	54.34	54.34	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	36.30	90.65	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	6.44	97.09	-	-
⊕ Vanguard Total Intl Bd Idx Investor	-	2.91	100.00	-	-
⊖ Cashusd	-	0.00	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 7.61 years.

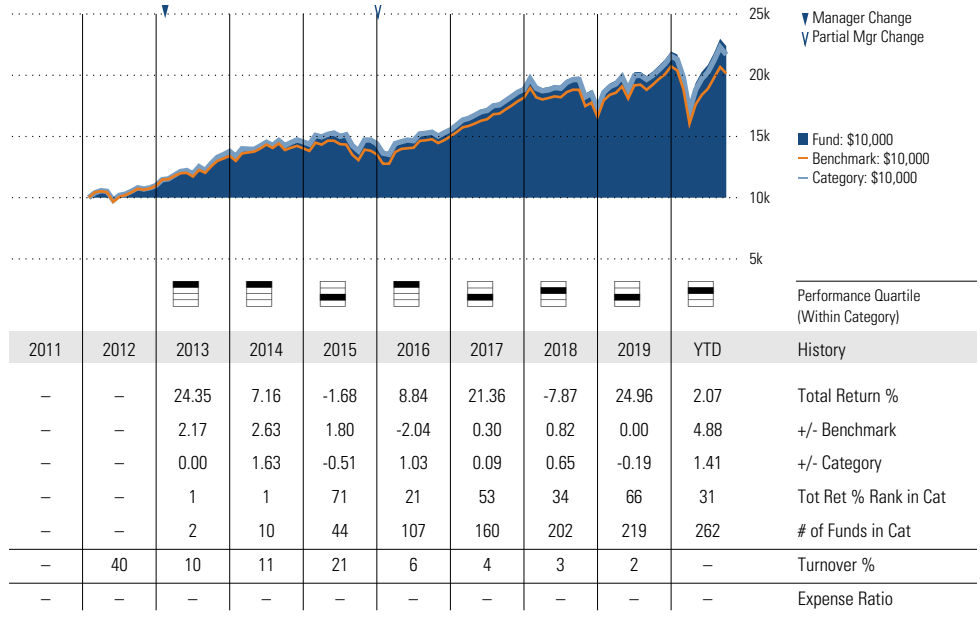
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

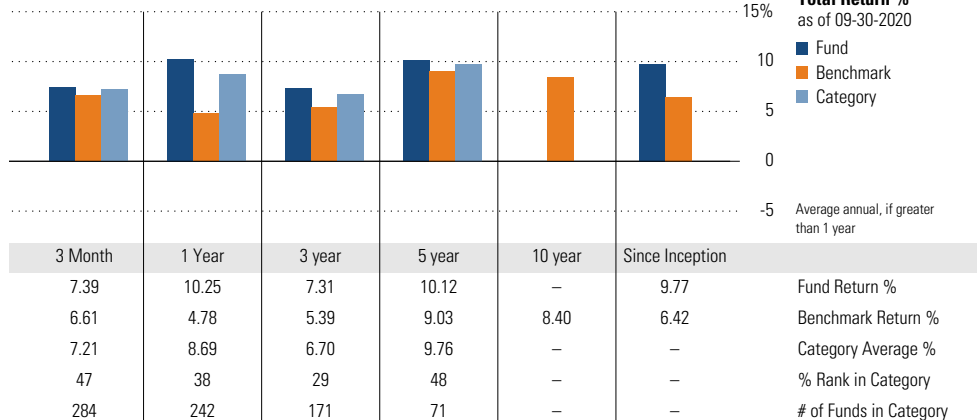
## Morningstar Investment Management LLC Analysis

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.

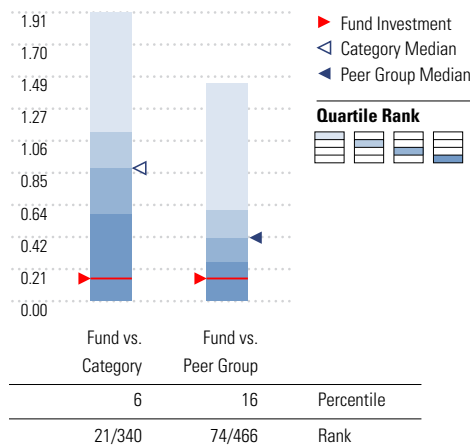
## Growth of \$10,000



## 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

	Fund	Bmark	Cat
Alpha	1.97	-	1.25
Beta	0.96	-	0.99
R-Squared	99.31	-	98.89
Standard Deviation	15.63	16.21	16.05
Sharpe Ratio	0.43	0.31	0.38
Tracking Error	1.44	-	1.82
Information Ratio	1.33	-	0.68
Up Capture Ratio	102.12	-	102.15
Down Capture Ratio	93.06	-	96.42

## Portfolio Metrics

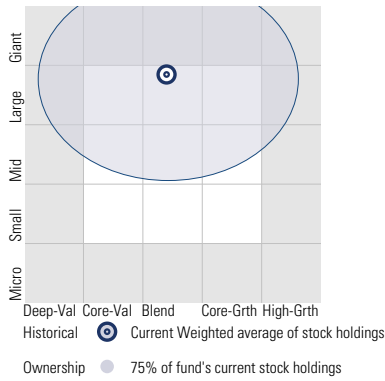
	Fund	Bmark	Cat
Price/Earnings Ratio	21.72	20.38	22.27
Price/Book Ratio	2.20	1.98	2.31
Avg Eff Duration	7.04	-	6.10

# Vanguard Target Retirement 2060 Inv VTTSX

**Morningstar Category**  
Target-Date 2060+

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

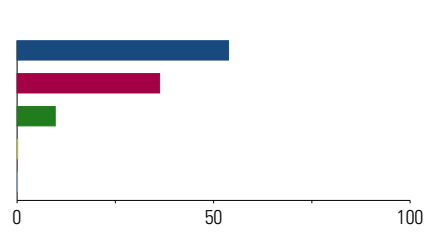
**Style Analysis** as of 09-30-2020  
Morningstar Style Box™



**Style Breakdown**

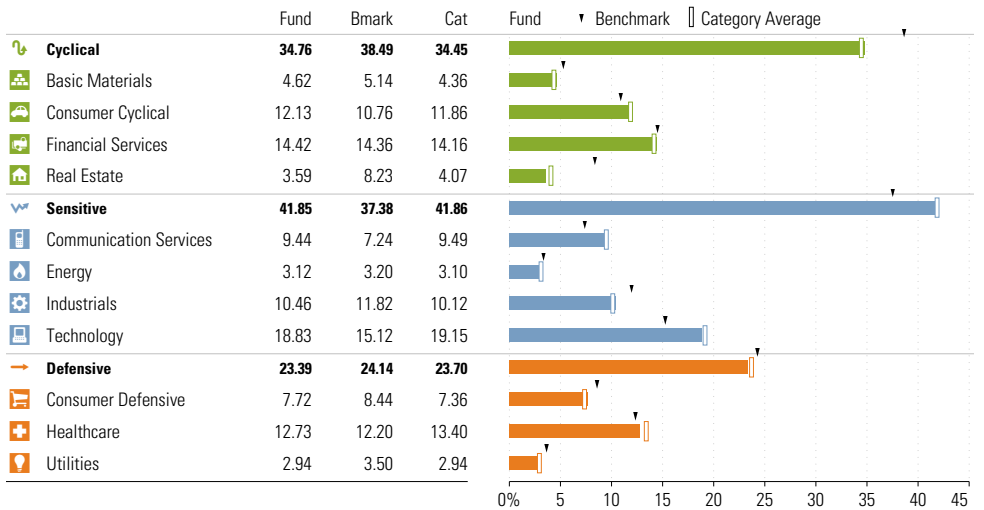


**Asset Allocation** as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	53.78	54.45
Non-US Stocks	36.26	33.92
Bonds	9.70	7.19
Cash	0.15	1.67
Other	0.11	2.76
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2020



**Top 5 Holdings** as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	54.14	54.14	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	36.09	90.23	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	6.97	97.20	-	-
⊕ Vanguard Total Intl Bd Idx Investor	-	2.80	100.00	-	-
⊖ Cashusd	-	0.00	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 3.22 years.

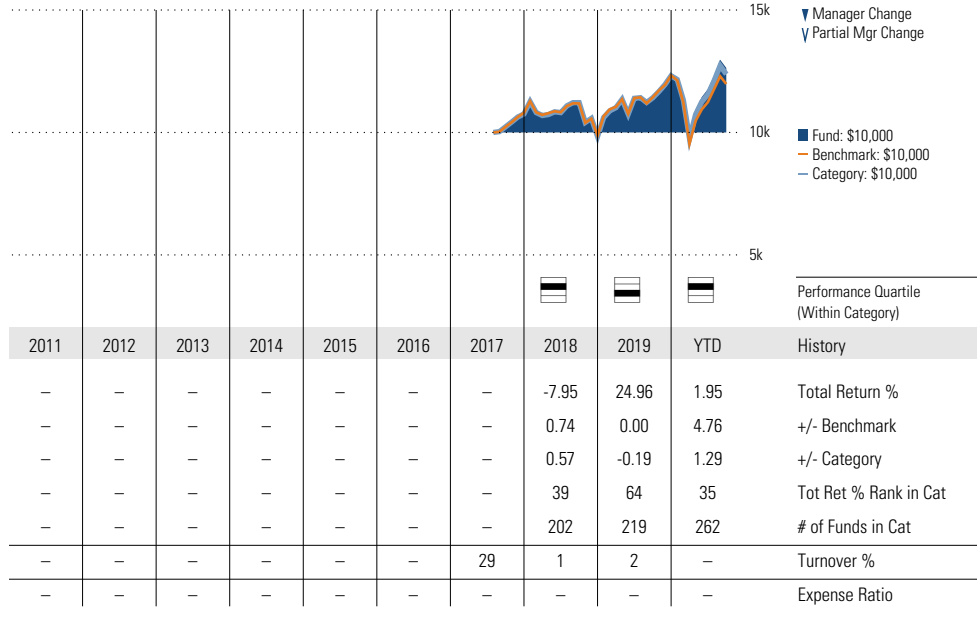
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

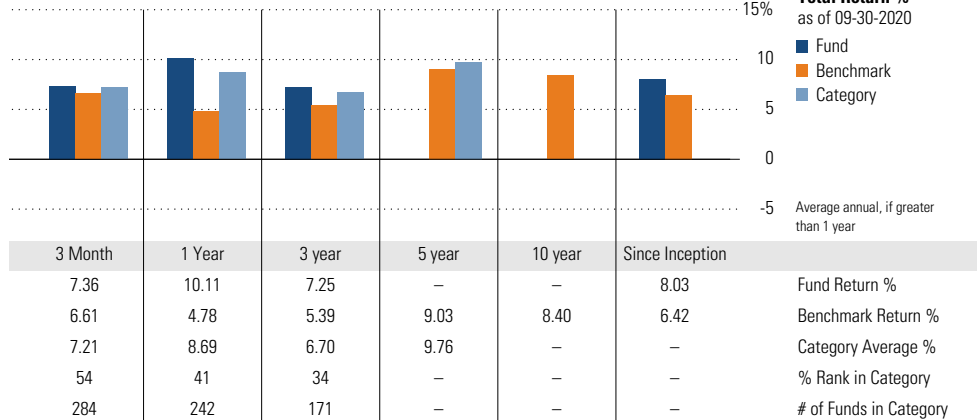
## Morningstar Investment Management LLC Analysis

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.

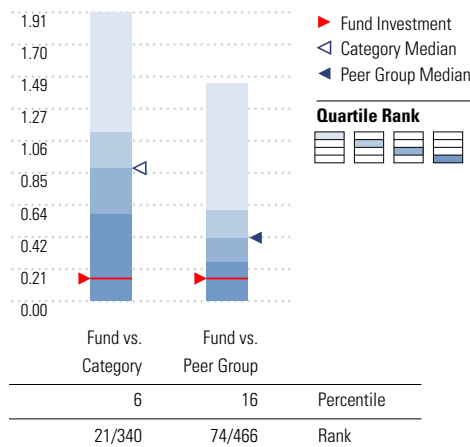
## Growth of \$10,000



## 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	1.91	-	1.25
Beta	0.96	-	0.99
R-Squared	99.35	-	98.89
Standard Deviation	15.64	16.21	16.05
Sharpe Ratio	0.42	0.31	0.38
Tracking Error	1.40	-	1.82
Information Ratio	1.33	-	0.68
Up Capture Ratio	102.00	-	102.15
Down Capture Ratio	93.20	-	96.42

## Portfolio Metrics

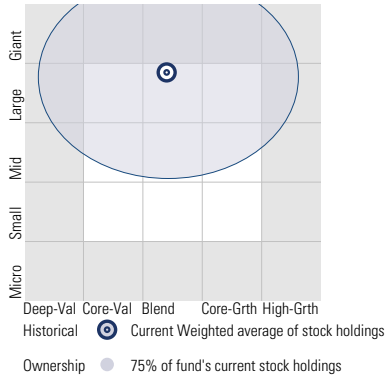
	Fund	Bmark	Cat
Price/Earnings Ratio	21.76	20.38	22.27
Price/Book Ratio	2.21	1.98	2.31
Avg Eff Duration	6.98	-	6.10

# Vanguard Target Retirement 2065 Inv VLXVX

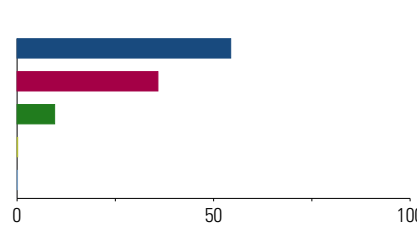
**Morningstar Category**  
Target-Date 2060+

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

**Style Analysis** as of 09-30-2020  
Morningstar Style Box™

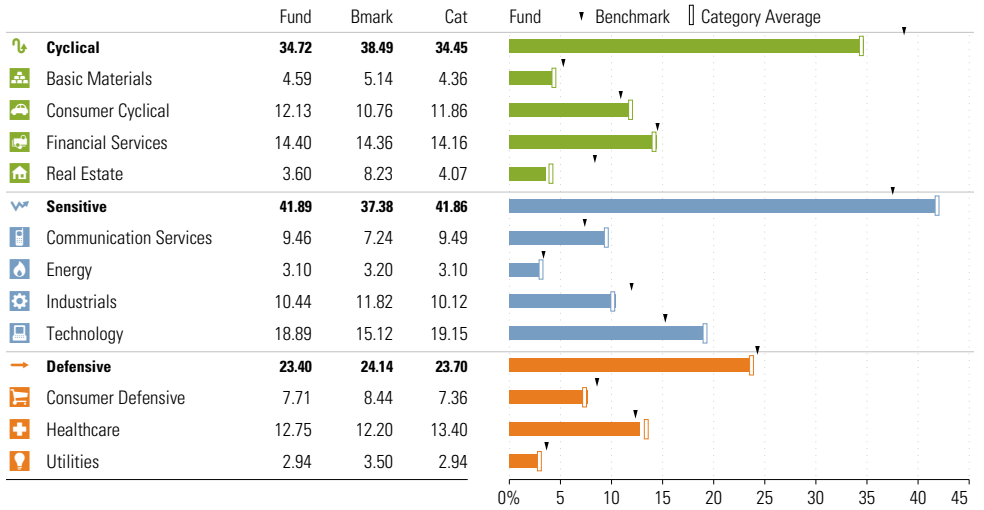


**Asset Allocation** as of 09-30-2020

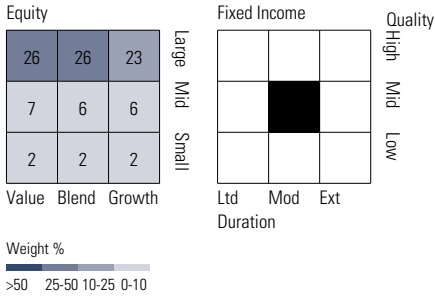


Asset Class	Net %	Cat%
US Stocks	54.35	54.45
Non-US Stocks	35.83	33.92
Bonds	9.55	7.19
Cash	0.15	1.67
Other	0.11	2.76
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2020



**Style Breakdown**



**Top 5 Holdings** as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	54.72	54.72	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	35.65	90.37	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	7.16	97.53	-	-
⊕ Vanguard Total Intl Bd Idx Investor	-	2.47	100.00	-	-
⊕ Cashusd	-	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 7.61 years.

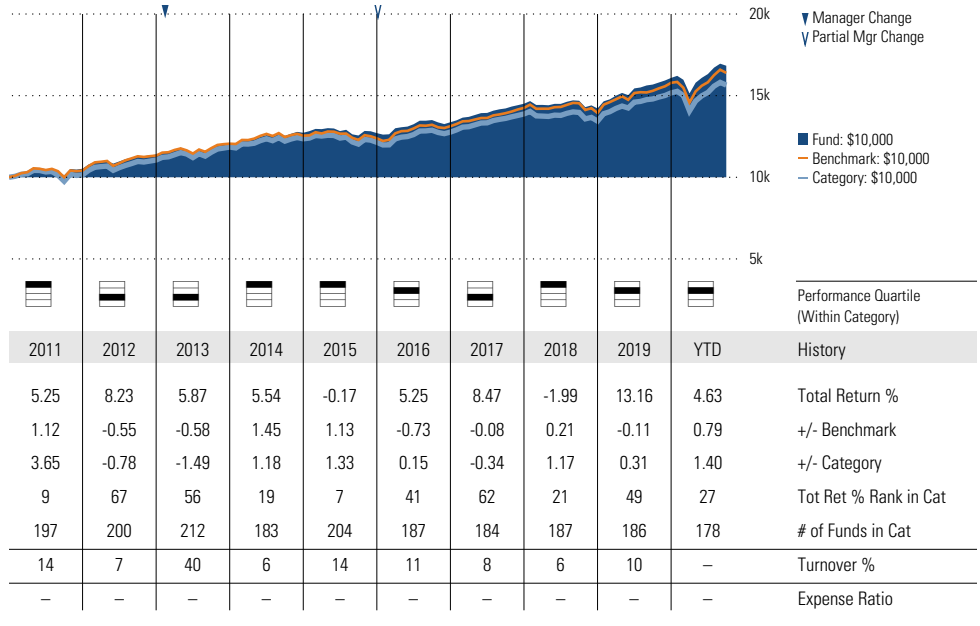
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.12 is 83.78% lower than the Target-Date Retirement category average.

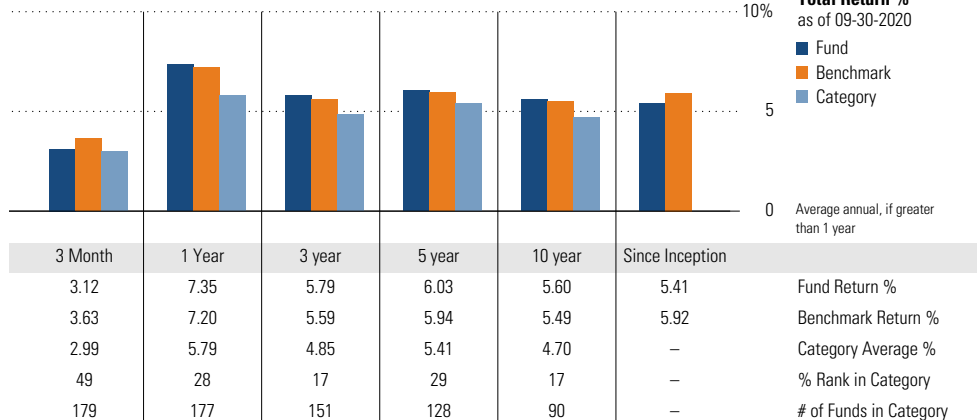
## Morningstar Investment Management LLC Analysis

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.

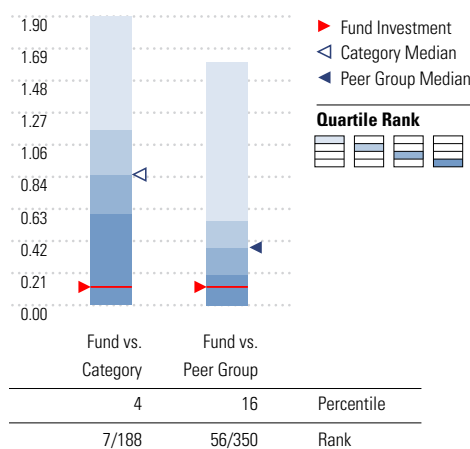
## Growth of \$10,000



## 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	0.95	-	-0.83
Beta	0.86	-	0.98
R-Squared	97.49	-	93.27
Standard Deviation	5.73	6.61	6.68
Sharpe Ratio	0.73	0.61	0.48
Tracking Error	1.31	-	2.12
Information Ratio	0.15	-	-0.40
Up Capture Ratio	89.07	-	88.57
Down Capture Ratio	76.25	-	94.43

## Portfolio Metrics

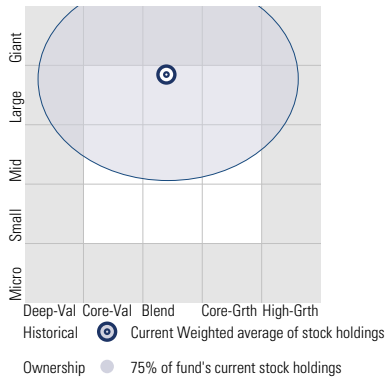
	Fund	Bmark	Cat
Price/Earnings Ratio	21.65	21.72	22.02
Price/Book Ratio	2.19	2.20	2.25
Avg Eff Duration	6.05	4.96	6.30

# Vanguard Target Retirement Income Inv VTINX

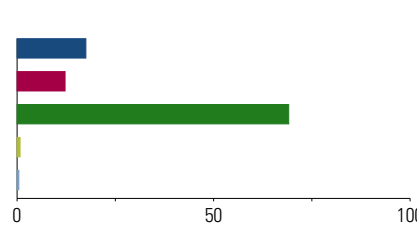
**Morningstar Category**  
Target-Date Retirement

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

**Style Analysis** as of 09-30-2020  
Morningstar Style Box™

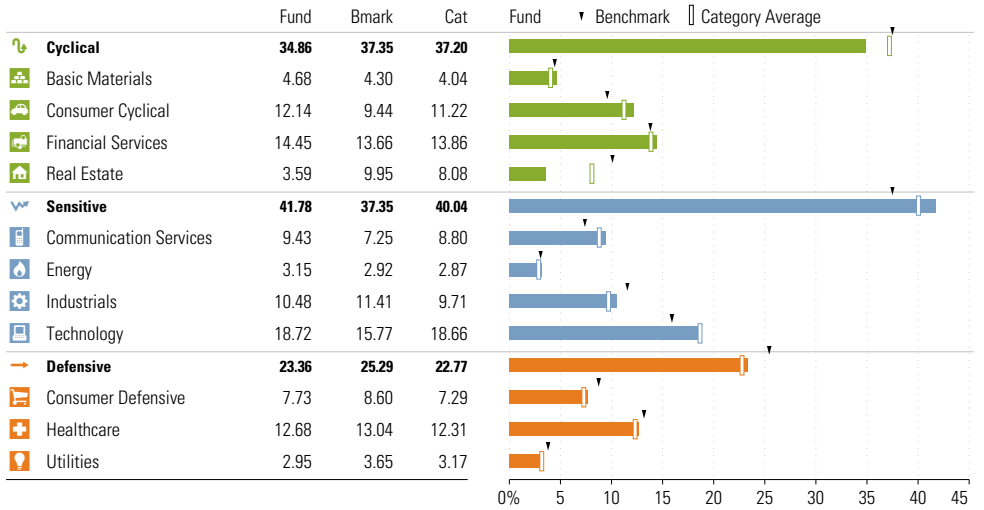


**Asset Allocation** as of 09-30-2020

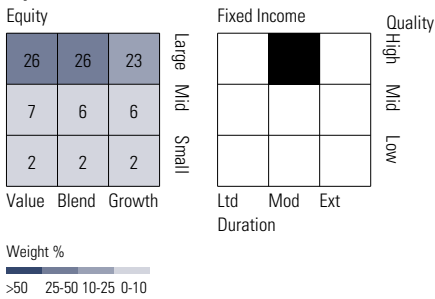


Asset Class	Net %	Cat%
US Stocks	17.50	17.28
Non-US Stocks	12.20	9.66
Bonds	69.11	55.26
Cash	0.75	5.82
Other	0.44	11.99
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2020



**Style Breakdown**



**Top 6 Holdings** as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Bond Market II Idx Inv	-	37.42	37.42	-	-
⊕ Vanguard Total Stock Mkt Idx Inv	-	17.61	55.03	-	-
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Inv	-	17.04	72.06	-	-
⊕ Vanguard Total Intl Bd Idx Investor	-	15.78	87.85	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	12.15	100.00	-	-
⊖ Cashusd	-	0.00	100.00	-	-

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Total World Stock Index Admiral VTWAX

**Morningstar Category**  
World Large Stock

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

## Portfolio Manager(s)

Christine Franquin since 02-2013  
Scott Geiger since 11-2017

## Quantitative Screens

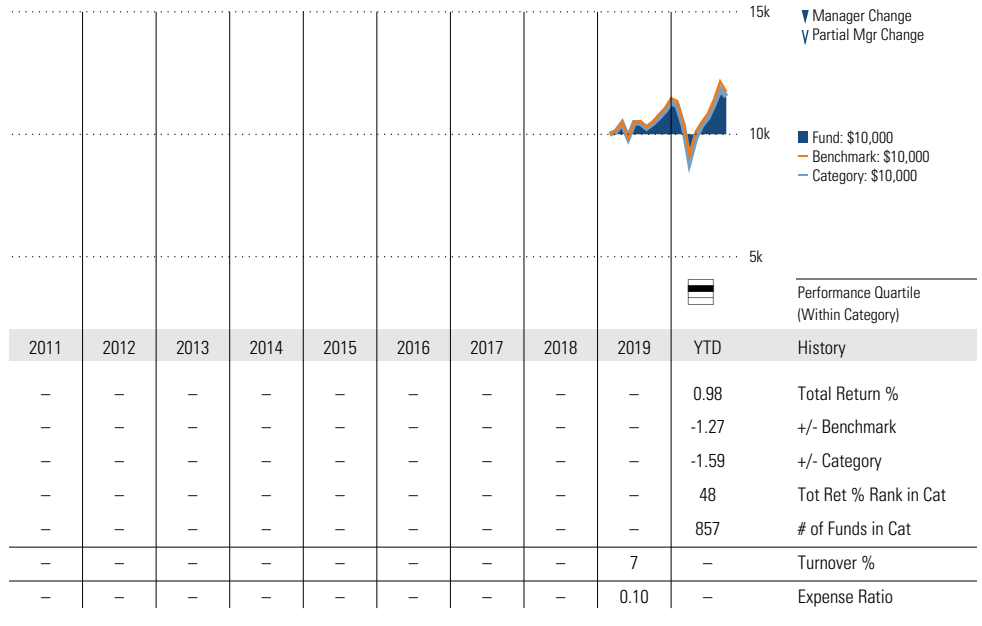
The Performance screen is not applicable for funds with less than three years of data.

- ✔ **Management:** The fund's management has been in place for 7.61 years.
- ✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.
- ✔ **Net Expense:** The fund's expense ratio of 0.1 is 90.91% lower than the World Large Stock category average.

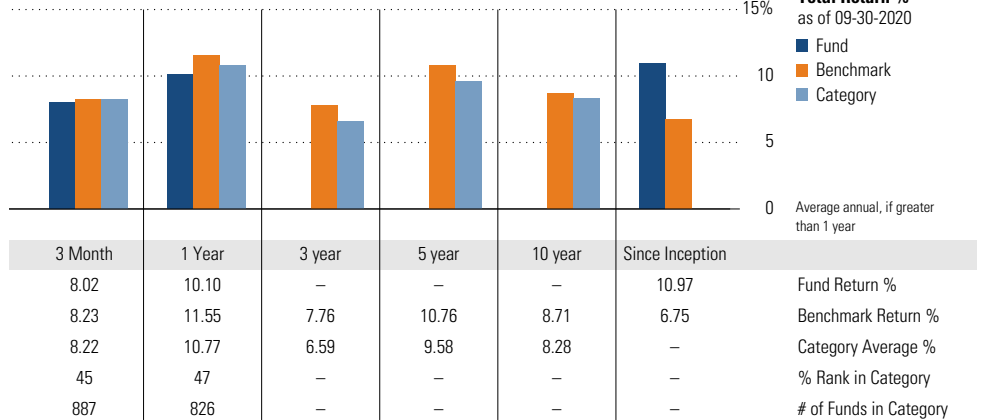
## Morningstar Investment Management LLC Analysis

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.

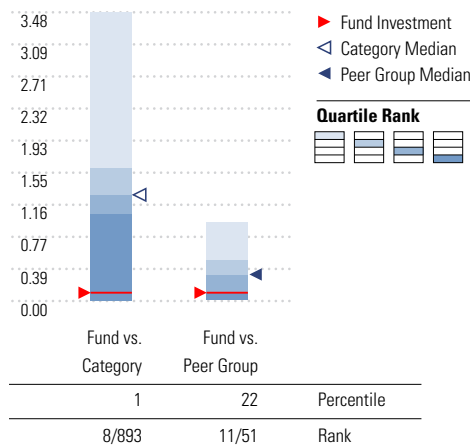
## Growth of \$10,000



## 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

	Fund	Bmark	Cat
Alpha	-	-	-0.63
Beta	-	-	0.99
R-Squared	-	-	92.62
Standard Deviation	-	16.54	17.06
Sharpe Ratio	-	0.44	0.38
Tracking Error	-	-	4.80
Information Ratio	-	-	-0.21
Up Capture Ratio	-	-	95.09
Down Capture Ratio	-	-	97.56

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.78	16.67	23.35
Price/Book Ratio	2.22	2.05	2.62
Geom Avg Mkt Cap \$B	55.67	65.35	92.85
ROE	18.86	19.21	19.71

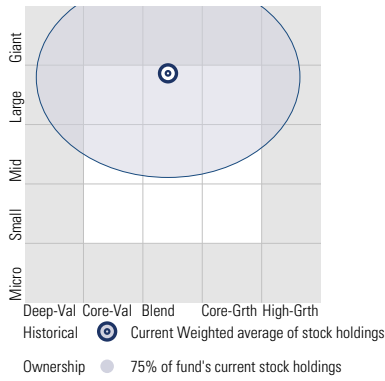
# Vanguard Total World Stock Index Admiral VTWAX

**Morningstar Category**  
World Large Stock

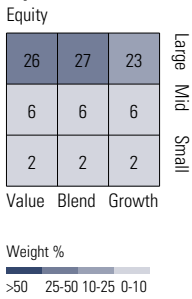
**Morningstar Index**  
MSCI ACWI Large Cap NR USD

## Style Analysis as of 09-30-2020

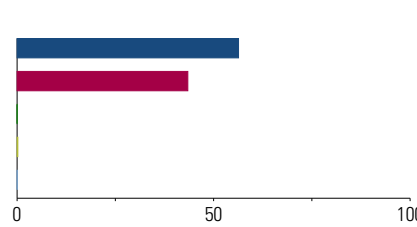
Morningstar Style Box™



## Style Breakdown

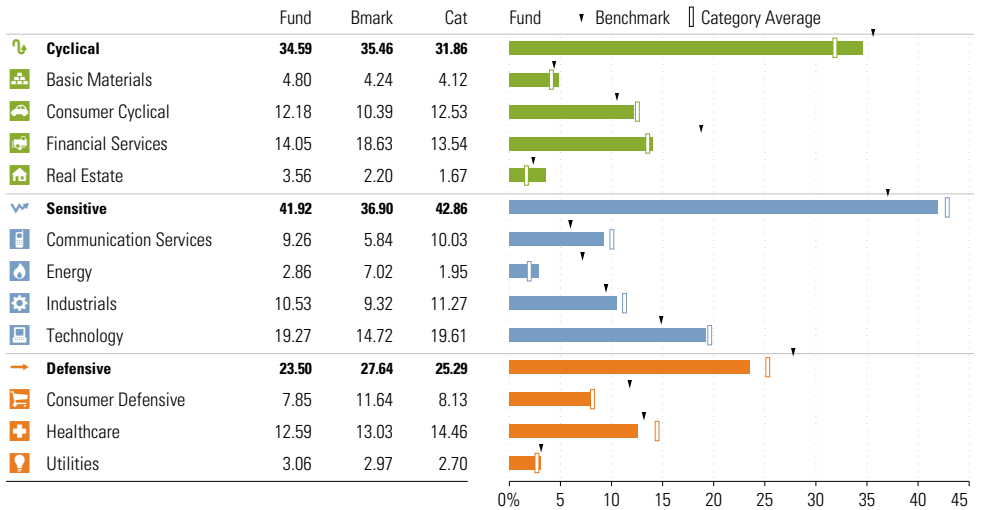


## Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	56.34	55.34
Non-US Stocks	43.44	41.00
Bonds	0.01	0.36
Cash	0.19	2.66
Other	0.02	0.65
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020



## World Regions % Equity 09-30-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	21.10	16.20	Americas	60.25	60.26	Greater Europe	18.65	23.54	Developed Markets	90.54
Japan	7.40	6.27	North America	59.22	59.42	United Kingdom	3.99	5.45	Emerging Markets	9.46
Australasia	2.05	0.68	Central/Latin	1.03	0.84	W euro-ex UK	12.87	17.37	Not Available	0.00
Asia-4 Tigers	4.55	3.56				Emrgng Europe	0.53	0.22		
Asia-ex 4 Tigers	7.10	5.69				Africa	1.26	0.50		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Apple Inc	3.24	3.24	58.57	Technology
Microsoft Corp	2.73	5.96	34.34	Technology
Amazon.com Inc	2.31	8.27	70.40	Consumer Cyclical
Facebook Inc A	1.09	9.36	27.60	Communication Svc
Alibaba Group Holding Ltd ADR	0.89	10.26	38.60	Consumer Cyclical
Alphabet Inc A	0.76	11.02	9.42	Communication Svc
Alphabet Inc Class C	0.75	11.77	9.92	Communication Svc
Johnson & Johnson	0.68	12.45	4.10	Healthcare
Tencent Holdings Ltd	0.67	13.12	36.50	Communication Svc
Procter & Gamble Co	0.59	13.70	13.14	Consumer Defensive

**Total Holdings 8808**

⊕ Increase ⊖ Decrease ✱ New to Portfolio