

# American Funds American Balanced R6 RLBGX

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

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

## Portfolio Manager(s)

Hilda Applbaum since 01-1999  
 Gregory Johnson since 03-2003  
 Alan Berro since 03-2006  
 James Mulally since 03-2006  
 Jeffrey Lager since 03-2011  
 Michael Kerr since 03-2014  
 Paul Benjamin since 07-2014  
 Alan Wilson since 01-2016  
 John Queen since 07-2016  
 Pramod Atluri since 03-2018

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 21.51 years.

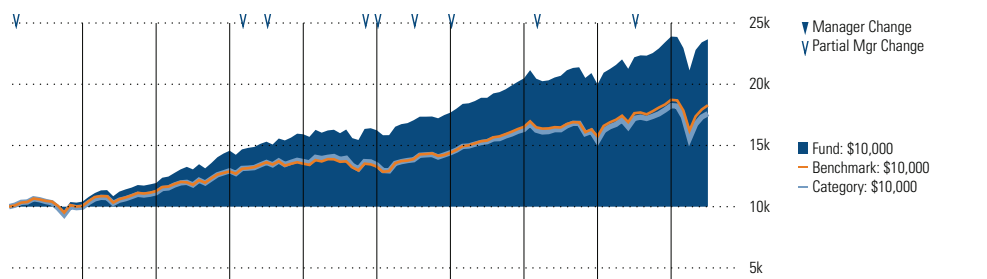
✔ **Style:** The fund has landed in its primary style box — Large Blend — 72.73 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.26 is 76.15% lower than the Allocation--50% to 70% Equity category average.

## Morningstar Investment Management LLC Analysis

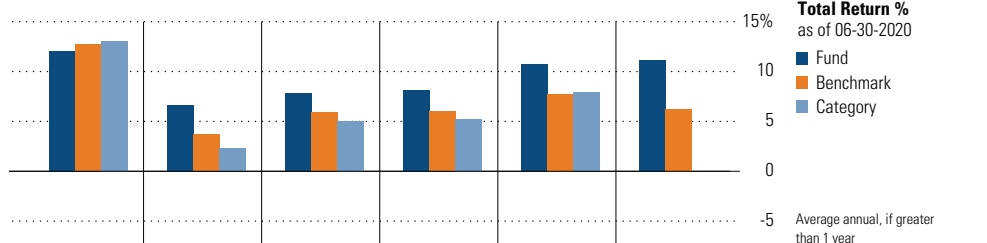
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Growth of \$10,000



	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	History
4.16	14.57	22.12	9.22	2.03	8.90	15.84	-2.42	19.55	-0.93	Total Return %	
3.57	2.53	7.81	4.33	3.82	0.33	1.18	2.34	0.52	1.42	+/- Benchmark	
4.27	2.85	5.64	3.01	3.96	1.56	2.63	3.34	0.32	2.65	+/- Category	
7	9	5	16	3	20	15	8	48	26	Tot Ret % Rank in Cat	
733	731	789	757	798	742	720	729	696	697	# of Funds in Cat	
47	54	55	68	82	79	95	72	104	-	Turnover %	
-	-	0.29	0.29	0.29	0.29	0.28	0.28	0.27	-	Expense Ratio	

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Total Return % as of 06-30-2020
12.04	6.62	7.81	8.15	10.69	11.17	Fund Return %	
12.73	3.70	5.89	6.00	7.76	6.23	Benchmark Return %	
13.05	2.30	5.04	5.22	7.88	-	Category Average %	
73	17	15	7	3	-	% Rank in Category	
700	685	636	559	412	-	# of Funds in Category	

## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.99	-	-1.10
Beta	0.97	-	1.09
R-Squared	97.07	-	95.26
Standard Deviation	9.99	10.18	11.35
Sharpe Ratio	0.63	0.45	0.37
Tracking Error	1.74	-	2.82
Information Ratio	1.10	-	-0.21
Up Capture Ratio	106.21	-	103.20
Down Capture Ratio	92.03	-	111.51

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.53	17.25	17.99
Price/Book Ratio	2.62	2.05	2.31
Avg Eff Duration	6.11	5.98	4.62

# American Funds American Balanced R6 RLBGX

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

**Morningstar Index**

Morningstar Mod Tgt Risk TR USD

Equity

## Style Analysis as of 06-30-2020

Morningstar Style Box™



## Style Breakdown

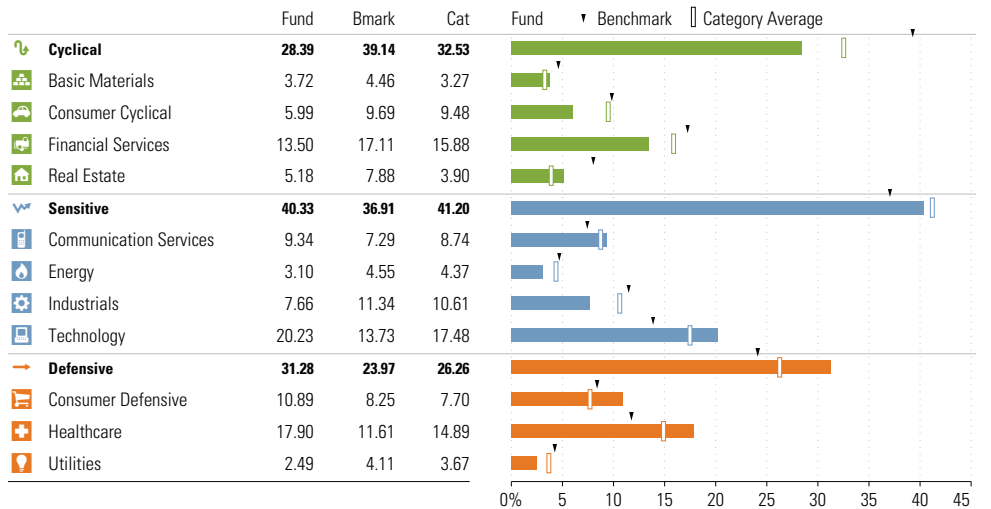


## Asset Allocation as of 06-30-2020



Asset Class	Net %	Cat%
US Stocks	50.48	43.32
Non-US Stocks	8.61	12.35
Bonds	32.96	35.35
Cash	7.27	6.99
Other	0.67	2.00
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2020



## Top 10 Holdings as of 06-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	—	5.96	5.96	—	—
Microsoft Corp	—	3.96	9.92	29.70	Technology
UnitedHealth Group Inc	—	2.81	12.73	1.12	Healthcare
Philip Morris International Inc	—	1.97	14.70	-14.91	Consumer Defensive
Taiwan Semiconductor Manufacturing Co Ltd ADR	—	1.87	16.57	-0.85	Technology
Berkshire Hathaway Inc A	—	1.78	18.35	-21.29	Financial Services
Broadcom Inc	—	1.59	19.94	1.93	Technology
Amazon.com Inc	—	1.47	21.40	49.30	Consumer Cyclical
JPMorgan Chase & Co	—	1.30	22.70	-31.23	Financial Services
* Cash And Other Assets Less Liabilities	—	1.25	23.95	—	—

**Total Holdings 1876**

⊕ Increase ⊖ Decrease \* New to Portfolio

# American Funds American Balanced R6 RLBGX

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

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

## Portfolio Manager(s)

Hilda Applbaum since 01-1999  
 Gregory Johnson since 03-2003  
 Alan Berro since 03-2006  
 James Mulally since 03-2006  
 Jeffrey Lager since 03-2011  
 Michael Kerr since 03-2014  
 Paul Benjamin since 07-2014  
 Alan Wilson since 01-2016  
 John Queen since 07-2016  
 Pramod Atluri since 03-2018

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 21.51 years.

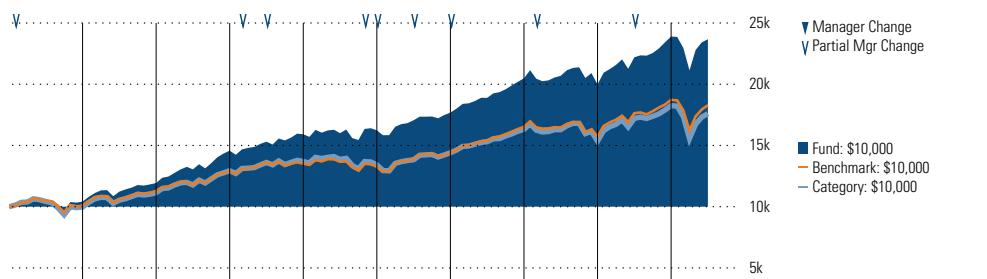
✔ **Style:** The fund has landed in its primary style box — Large Blend — 72.73 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.26 is 76.15% lower than the Allocation--50% to 70% Equity category average.

## Morningstar Investment Management LLC Analysis

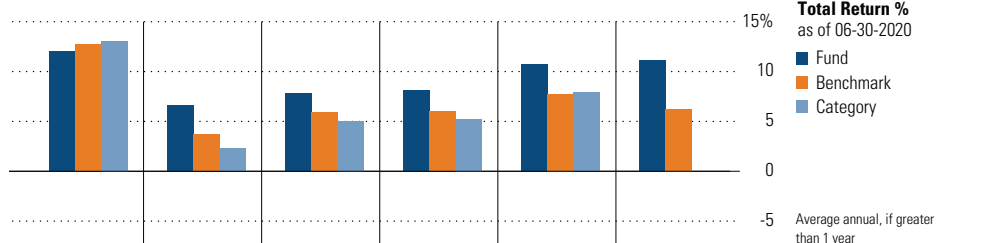
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Growth of \$10,000



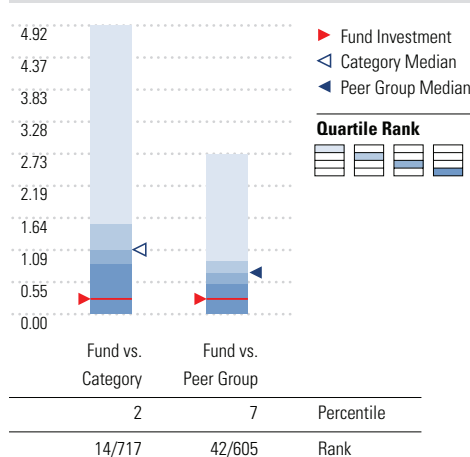
	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	History
4.16	14.57	22.12	9.22	2.03	8.90	15.84	-2.42	19.55	-0.93	Total Return %	
3.57	2.53	7.81	4.33	3.82	0.33	1.18	2.34	0.52	1.42	+/- Benchmark	
4.27	2.85	5.64	3.01	3.96	1.56	2.63	3.34	0.32	2.65	+/- Category	
7	9	5	16	3	20	15	8	48	26	Tot Ret % Rank in Cat	
733	731	789	757	798	742	720	729	696	697	# of Funds in Cat	
47	54	55	68	82	79	95	72	104	-	Turnover %	
-	-	0.29	0.29	0.29	0.29	0.28	0.28	0.27	-	Expense Ratio	

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Total Return % as of 06-30-2020
12.04	6.62	7.81	8.15	10.69	11.17	Fund Return %	
12.73	3.70	5.89	6.00	7.76	6.23	Benchmark Return %	
13.05	2.30	5.04	5.22	7.88	-	Category Average %	
73	17	15	7	3	-	% Rank in Category	
700	685	636	559	412	-	# of Funds in Category	

## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.99	-	-1.10
Beta	0.97	-	1.09
R-Squared	97.07	-	95.26
Standard Deviation	9.99	10.18	11.35
Sharpe Ratio	0.63	0.45	0.37
Tracking Error	1.74	-	2.82
Information Ratio	1.10	-	-0.21
Up Capture Ratio	106.21	-	103.20
Down Capture Ratio	92.03	-	111.51

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.53	17.25	17.99
Price/Book Ratio	2.62	2.05	2.31
Avg Eff Duration	6.11	5.98	4.62

# American Funds American Balanced R6 RLBGX

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

**Morningstar Index**

Morningstar Mod Tgt Risk TR USD

Equity

## Style Analysis as of 06-30-2020

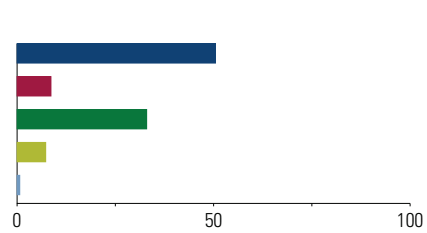
Morningstar Style Box™



## Style Breakdown

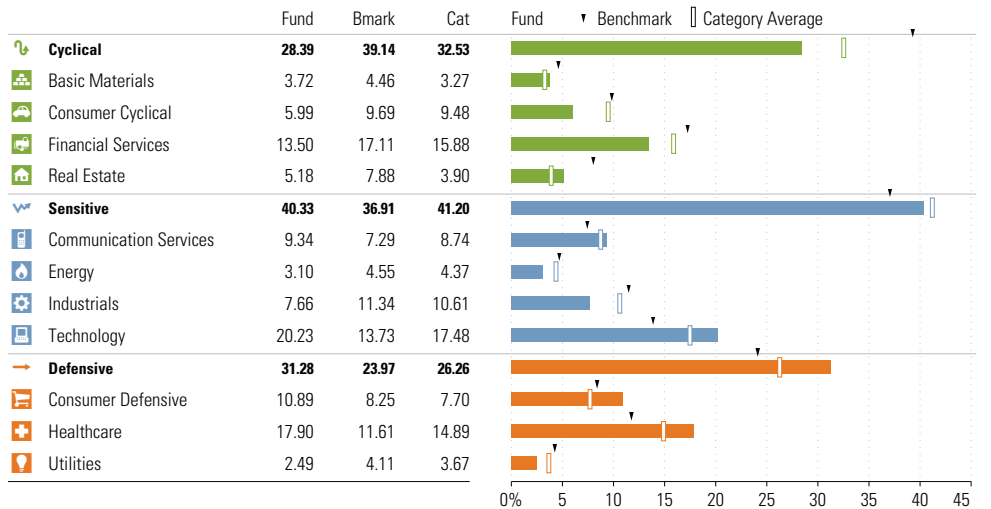


## Asset Allocation as of 06-30-2020



Asset Class	Net %	Cat%
US Stocks	50.48	43.32
Non-US Stocks	8.61	12.35
Bonds	32.96	35.35
Cash	7.27	6.99
Other	0.67	2.00
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2020



## Top 10 Holdings as of 06-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	—	5.96	5.96	—	—
Microsoft Corp	—	3.96	9.92	29.70	Technology
UnitedHealth Group Inc	—	2.81	12.73	1.12	Healthcare
Philip Morris International Inc	—	1.97	14.70	-14.91	Consumer Defensive
Taiwan Semiconductor Manufacturing Co Ltd ADR	—	1.87	16.57	-0.85	Technology
Berkshire Hathaway Inc A	—	1.78	18.35	-21.29	Financial Services
Broadcom Inc	—	1.59	19.94	1.93	Technology
Amazon.com Inc	—	1.47	21.40	49.30	Consumer Cyclical
JPMorgan Chase & Co	—	1.30	22.70	-31.23	Financial Services
* Cash And Other Assets Less Liabilities	—	1.25	23.95	—	—

**Total Holdings 1876**

⊕ Increase ⊖ Decrease \* New to Portfolio

# American Funds Intl Gr and Inc R6 RIGGX

**Morningstar Category**  
Foreign Large Blend

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

## Portfolio Manager(s)

Andrew Suzman since 10-2008  
Steven Watson since 10-2008  
Patrice Collette since 09-2010  
Leo Hee since 07-2015  
Michael Cohen since 07-2018

## Quantitative Screens

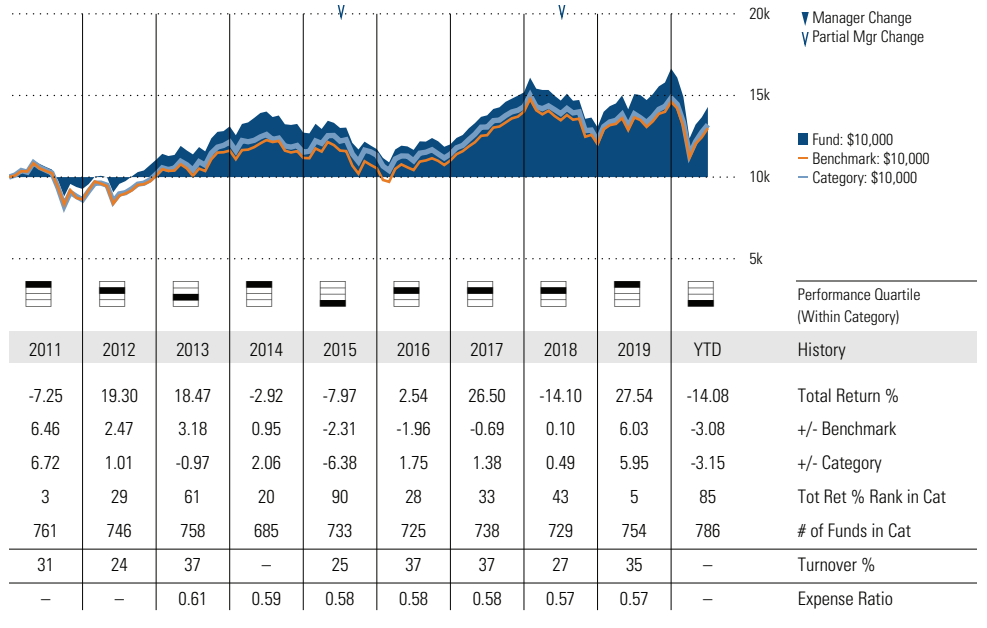
✔ **Performance:** The fund has finished in the Foreign Large Blend category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 11.75 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.55 is 41.49% lower than the Foreign Large Blend category average.

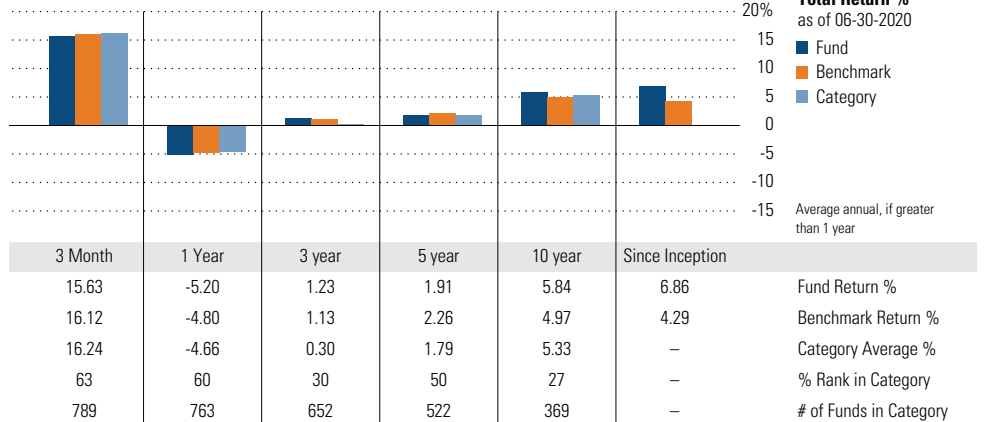
## Growth of \$10,000



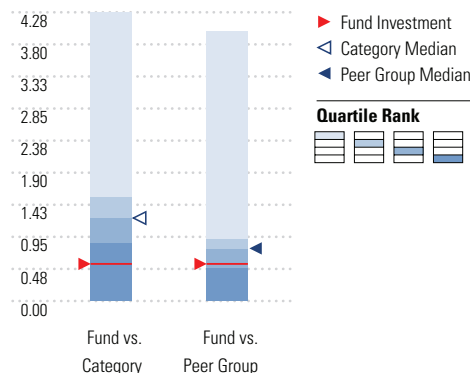
## Morningstar Investment Management LLC Analysis

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

## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.16	-	-0.64
Beta	1.03	-	0.99
R-Squared	97.53	-	95.20
Standard Deviation	16.69	15.94	16.20
Sharpe Ratio	0.06	0.05	0.01
Tracking Error	2.68	-	3.71
Information Ratio	0.04	-	-0.20
Up Capture Ratio	100.52	-	95.76
Down Capture Ratio	100.08	-	99.08

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	14.26	15.22	15.82
Price/Book Ratio	1.62	1.58	1.72
Geom Avg Mkt Cap \$B	28.99	30.69	38.15
ROE	14.33	15.65	17.00

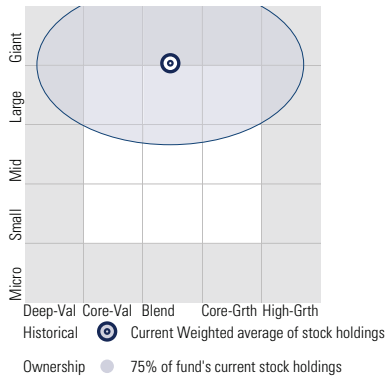
# American Funds Intl Gr and Inc R6 RIGGX

**Morningstar Category**  
Foreign Large Blend

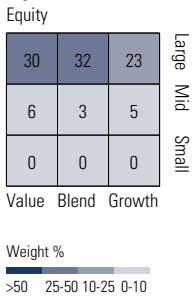
**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Style Analysis as of 06-30-2020

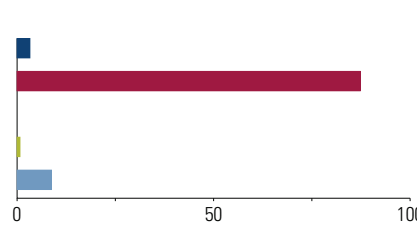
Morningstar Style Box™



## Style Breakdown

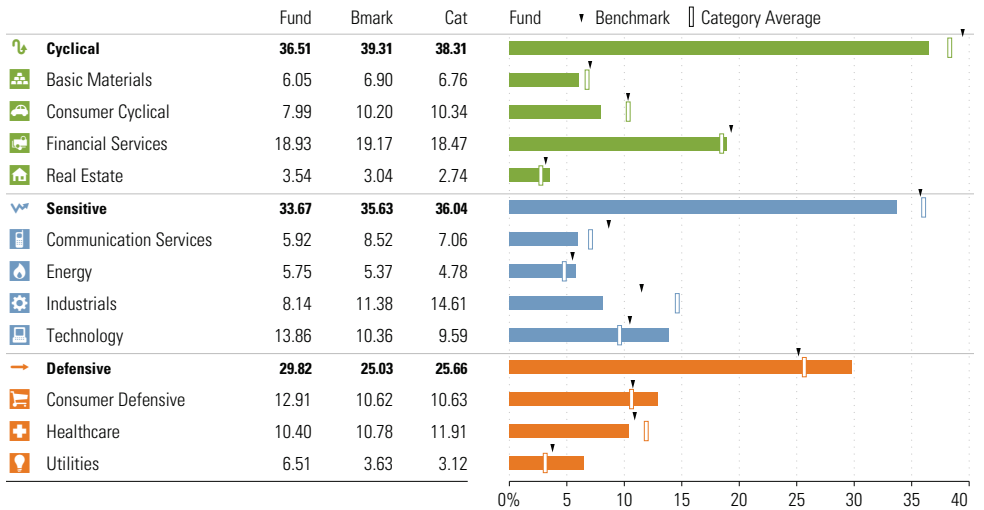


## Asset Allocation as of 06-30-2020



Asset Class	Net %	Cat%
US Stocks	3.25	3.37
Non-US Stocks	87.29	93.46
Bonds	0.00	0.97
Cash	0.72	0.53
Other	8.74	1.66
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2020



## World Regions % Equity 06-30-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %
Greater Asia	32.83	36.85	Americas	11.85	7.21	Greater Europe	55.32	55.95	Market Maturity	
Japan	8.44	20.13	North America	7.72	6.31	United Kingdom	17.29	14.42	Developed Markets	83.01
Australasia	1.10	4.93	Central/Latin	4.13	0.90	W euro-ex UK	34.89	40.46	Emerging Markets	16.99
Asia-4 Tigers	13.57	6.65				Emrgng Europe	2.49	0.44	Not Available	0.00
Asia-ex 4 Tigers	9.72	5.14				Africa	0.65	0.63		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 06-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash M	8.74	8.74	-	-
⊖ Taiwan Semiconductor Manufacturing Co Ltd	3.59	12.33	-3.93	Technology
⊕ AstraZeneca PLC	2.91	15.24	12.63	Healthcare
⊕ British American Tobacco PLC	2.73	17.97	-2.30	Consumer Defensive
⊕ Enel SpA	2.49	20.47	10.83	Utilities
ASML Holding NV	1.98	22.45	24.48	Technology
⊖ AIA Group Ltd	1.91	24.36	-10.47	Financial Services
⊕ Nestle SA	1.83	26.19	2.54	Consumer Defensive
⊕ Samsung Electronics Co Ltd Participating Preferred	1.60	27.79	-	Technology
Wynn Macau Ltd	1.38	29.17	-30.52	Consumer Cyclical

**Total Holdings 224**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# American Funds Intl Gr and Inc R6 RIGGX

**Morningstar Category**  
Foreign Large Blend

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

## Portfolio Manager(s)

Andrew Suzman since 10-2008  
Steven Watson since 10-2008  
Patrice Collette since 09-2010  
Leo Hee since 07-2015  
Michael Cohen since 07-2018

## Quantitative Screens

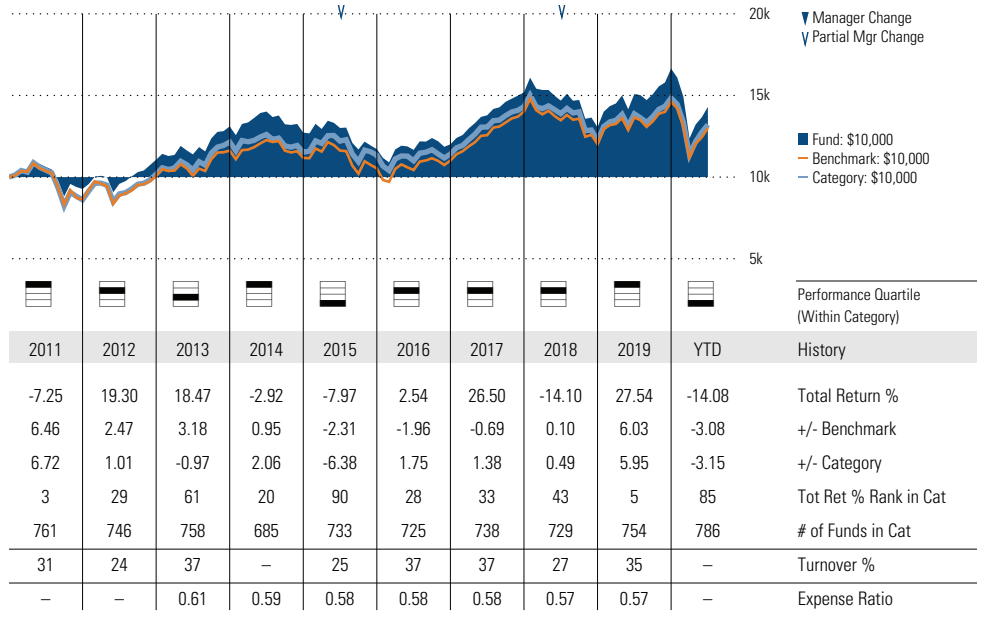
✔ **Performance:** The fund has finished in the Foreign Large Blend category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 11.75 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.55 is 41.49% lower than the Foreign Large Blend category average.

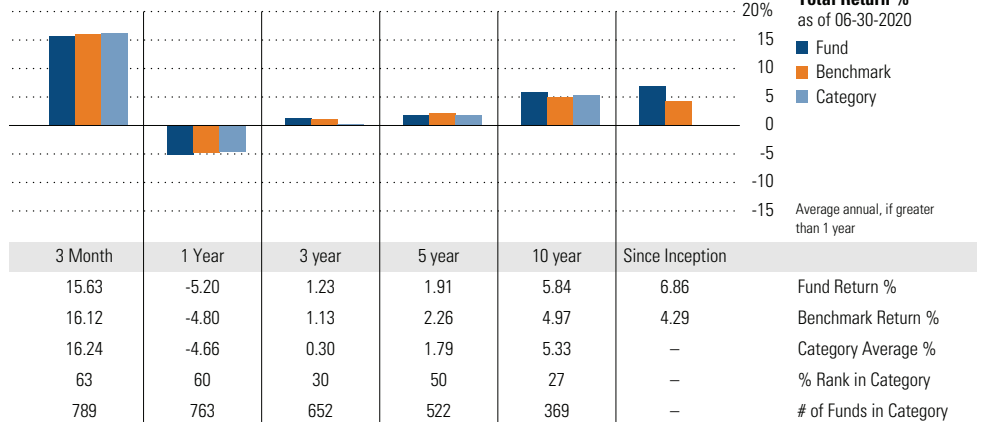
## Growth of \$10,000



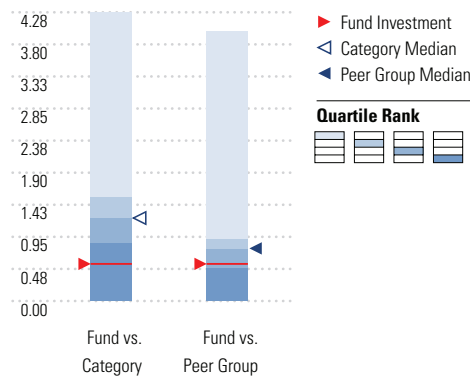
## Morningstar Investment Management LLC Analysis

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

## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.16	-	-0.64
Beta	1.03	-	0.99
R-Squared	97.53	-	95.20
Standard Deviation	16.69	15.94	16.20
Sharpe Ratio	0.06	0.05	0.01
Tracking Error	2.68	-	3.71
Information Ratio	0.04	-	-0.20
Up Capture Ratio	100.52	-	95.76
Down Capture Ratio	100.08	-	99.08

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	14.26	15.22	15.82
Price/Book Ratio	1.62	1.58	1.72
Geom Avg Mkt Cap \$B	28.99	30.69	38.15
ROE	14.33	15.65	17.00

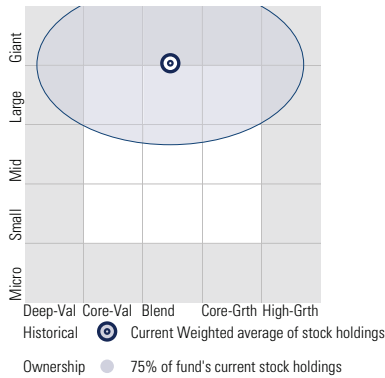
# American Funds Intl Gr and Inc R6 RIGGX

**Morningstar Category**  
Foreign Large Blend

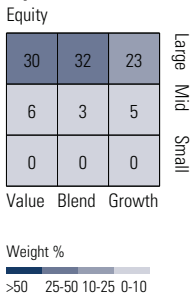
**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Style Analysis as of 06-30-2020

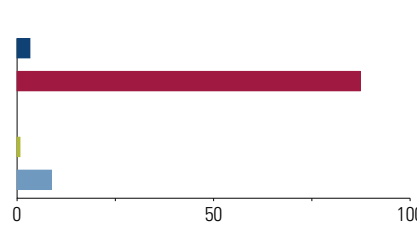
Morningstar Style Box™



## Style Breakdown

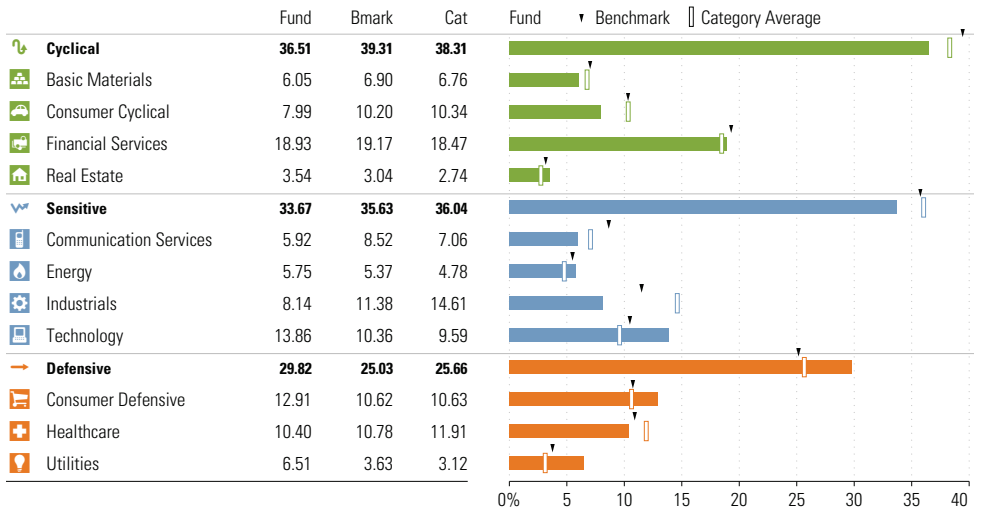


## Asset Allocation as of 06-30-2020



Asset Class	Net %	Cat%
US Stocks	3.25	3.37
Non-US Stocks	87.29	93.46
Bonds	0.00	0.97
Cash	0.72	0.53
Other	8.74	1.66
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2020



## World Regions % Equity 06-30-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %
Greater Asia	32.83	36.85	Americas	11.85	7.21	Greater Europe	55.32	55.95	Market Maturity	
Japan	8.44	20.13	North America	7.72	6.31	United Kingdom	17.29	14.42	Developed Markets	83.01
Australasia	1.10	4.93	Central/Latin	4.13	0.90	W euro-ex UK	34.89	40.46	Emerging Markets	16.99
Asia-4 Tigers	13.57	6.65				Emrgng Europe	2.49	0.44	Not Available	0.00
Asia-ex 4 Tigers	9.72	5.14				Africa	0.65	0.63		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 06-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash M	8.74	8.74	-	-
⊖ Taiwan Semiconductor Manufacturing Co Ltd	3.59	12.33	-3.93	Technology
⊕ AstraZeneca PLC	2.91	15.24	12.63	Healthcare
⊕ British American Tobacco PLC	2.73	17.97	-2.30	Consumer Defensive
⊕ Enel SpA	2.49	20.47	10.83	Utilities
ASML Holding NV	1.98	22.45	24.48	Technology
⊖ AIA Group Ltd	1.91	24.36	-10.47	Financial Services
⊕ Nestle SA	1.83	26.19	2.54	Consumer Defensive
⊕ Samsung Electronics Co Ltd Participating Preferred	1.60	27.79	-	Technology
Wynn Macau Ltd	1.38	29.17	-30.52	Consumer Cyclical

**Total Holdings 224**

⊕ 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 19.76 years.

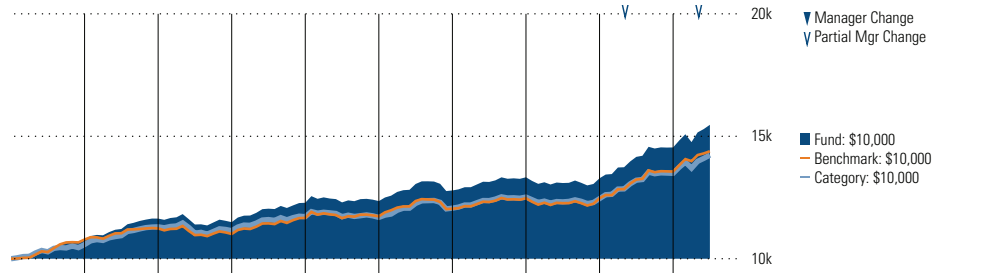
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.3 is 52.38% lower than the Intermediate Core Bond category average.

## Morningstar Investment Management LLC Analysis

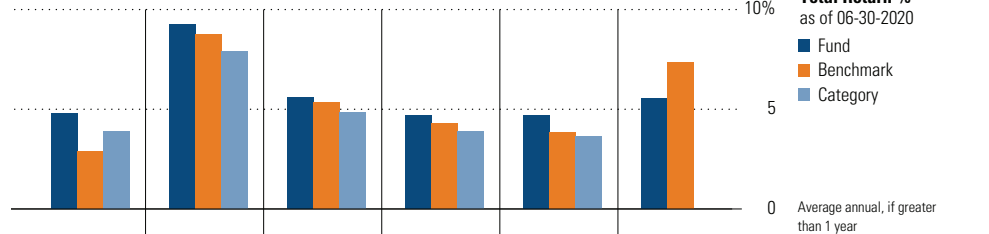
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Growth of \$10,000



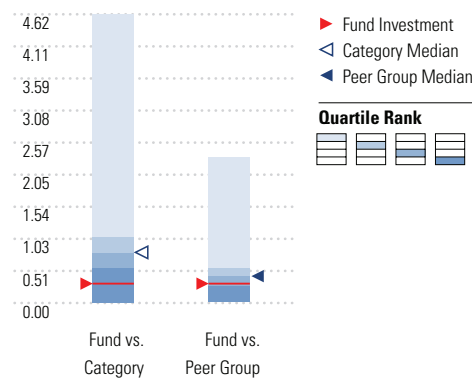
2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	History
7.85	7.92	-1.25	6.89	0.55	3.52	4.20	-0.30	9.48	6.36	Total Return %
0.01	3.71	0.77	0.92	0.00	0.87	0.66	-0.31	0.76	0.22	+/- Benchmark
1.99	0.91	0.17	1.71	0.81	0.29	0.49	0.20	1.42	0.80	+/- Category
9	34	36	8	22	37	31	41	15	24	Tot Ret % Rank in Cat
569	529	532	470	483	445	441	418	427	428	# of Funds in Cat
46	64	28	32	40	36	28	24	31	-	Turnover %
-	-	0.30	0.30	0.30	0.30	0.30	0.30	0.30	-	Expense Ratio

## Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	
4.79	9.25	5.60	4.69	4.68	5.53	Fund Return %
2.90	8.74	5.32	4.30	3.82	7.36	Benchmark Return %
3.89	7.89	4.84	3.90	3.66	-	Category Average %
25	15	11	9	4	-	% Rank in Category
432	421	380	331	249	-	# of Funds in Category

## Net Expense



Fund vs. Category	Fund vs. Peer Group	Percentile Rank
19	30	
85/445	118/396	

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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.12	-	-0.44
Beta	1.08	-	0.99
R-Squared	90.95	-	84.50
Standard Deviation	3.70	3.27	3.55
Sharpe Ratio	1.04	1.09	0.88
Tracking Error	1.14	-	1.37
Information Ratio	0.25	-	-0.55
Up Capture Ratio	108.91	-	97.68
Down Capture Ratio	118.00	-	116.44

## Portfolio Metrics

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

# Baird Aggregate Bond Inst BAGIX

**Morningstar Category**  
Intermediate Core Bond

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

## Style Analysis as of 06-30-2020

### Style Breakdown



## Asset Allocation as of 06-30-2020

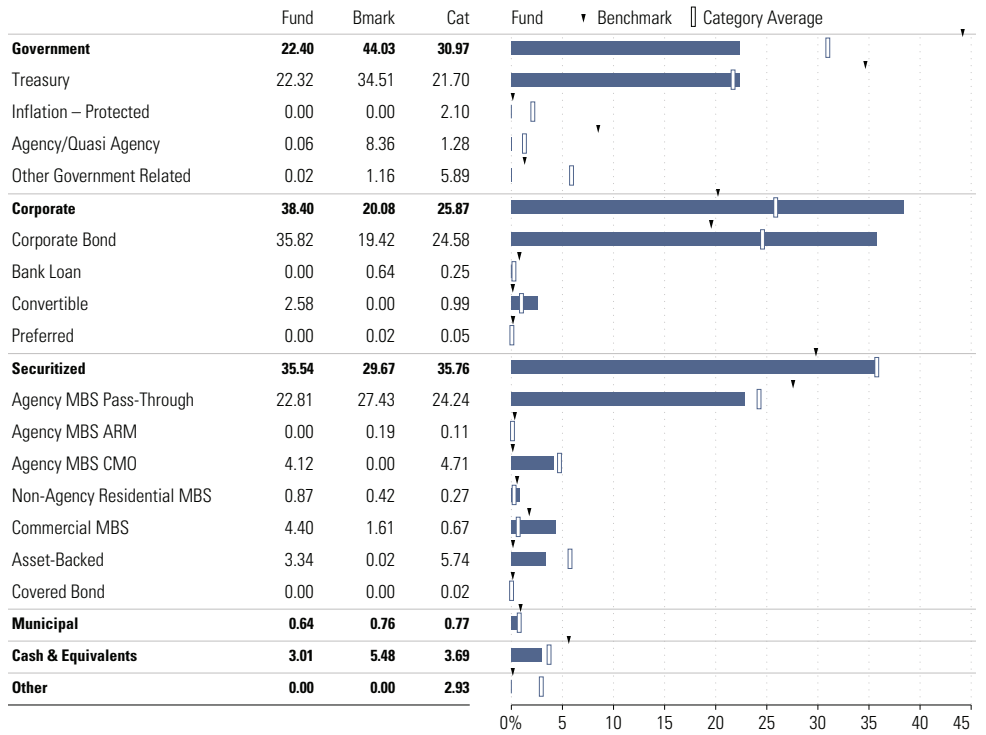


Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.00
Bonds	94.35	99.45
Cash	3.01	0.44
Other	2.64	0.10
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

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

## Sector Weighting as of 06-30-2020



## Top 10 Holdings as of 06-30-2020

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

**Total Holdings 1285**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# 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 19.76 years.

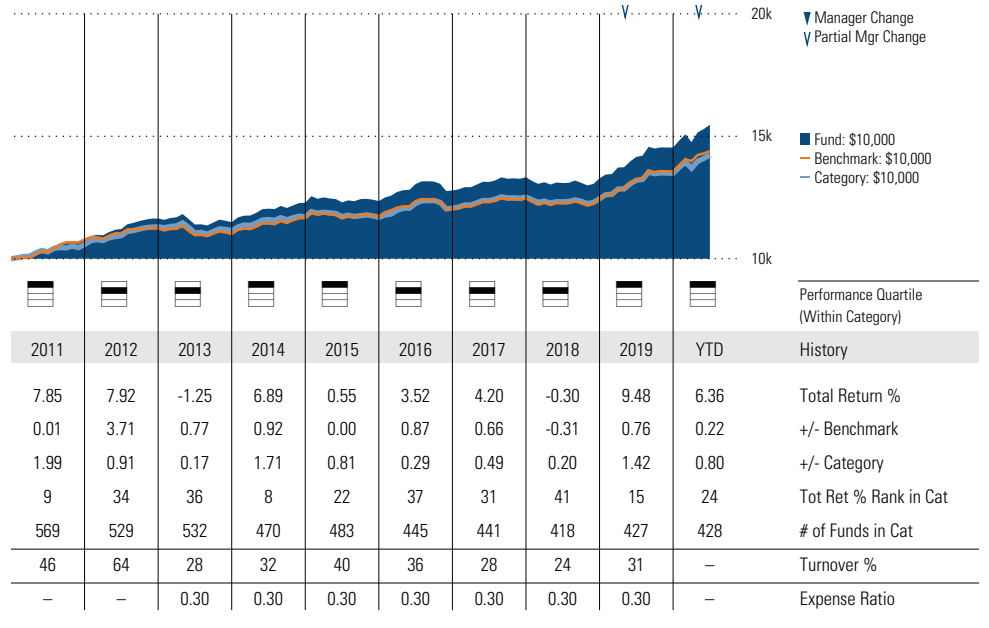
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.3 is 52.38% lower than the Intermediate Core Bond category average.

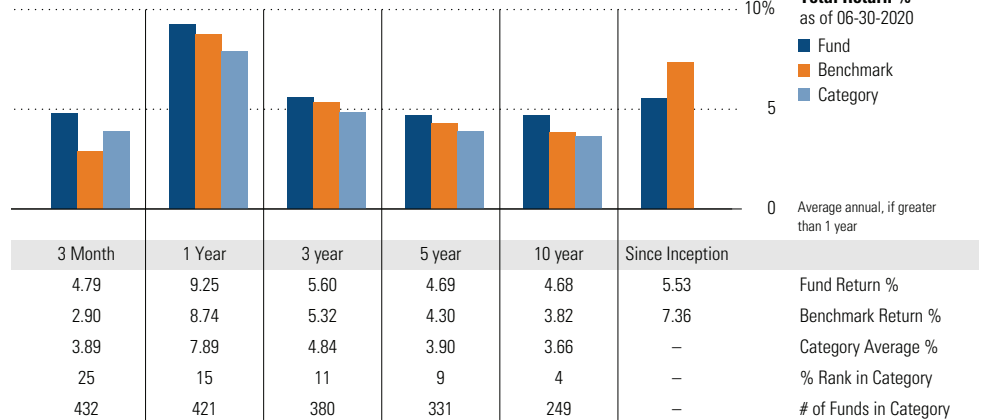
## Morningstar Investment Management LLC Analysis

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.

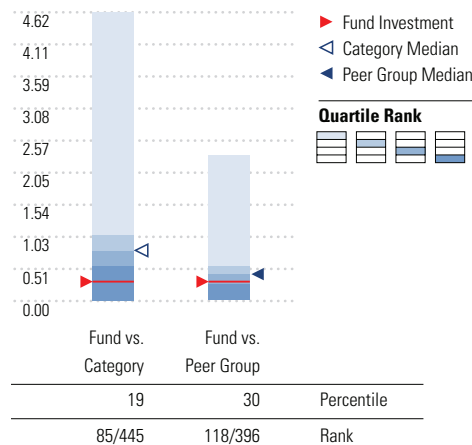
## Growth of \$10,000



## 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	-0.12	-	-0.44
Beta	1.08	-	0.99
R-Squared	90.95	-	84.50
Standard Deviation	3.70	3.27	3.55
Sharpe Ratio	1.04	1.09	0.88
Tracking Error	1.14	-	1.37
Information Ratio	0.25	-	-0.55
Up Capture Ratio	108.91	-	97.68
Down Capture Ratio	118.00	-	116.44

## Portfolio Metrics

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

# Baird Aggregate Bond Inst BAGIX

**Morningstar Category**  
Intermediate Core Bond

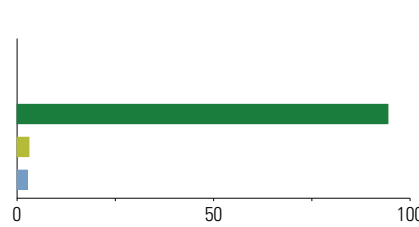
**Morningstar Index**  
BBgBarc US Agg Bond TR USD

## Style Analysis as of 06-30-2020

### Style Breakdown



## Asset Allocation as of 06-30-2020

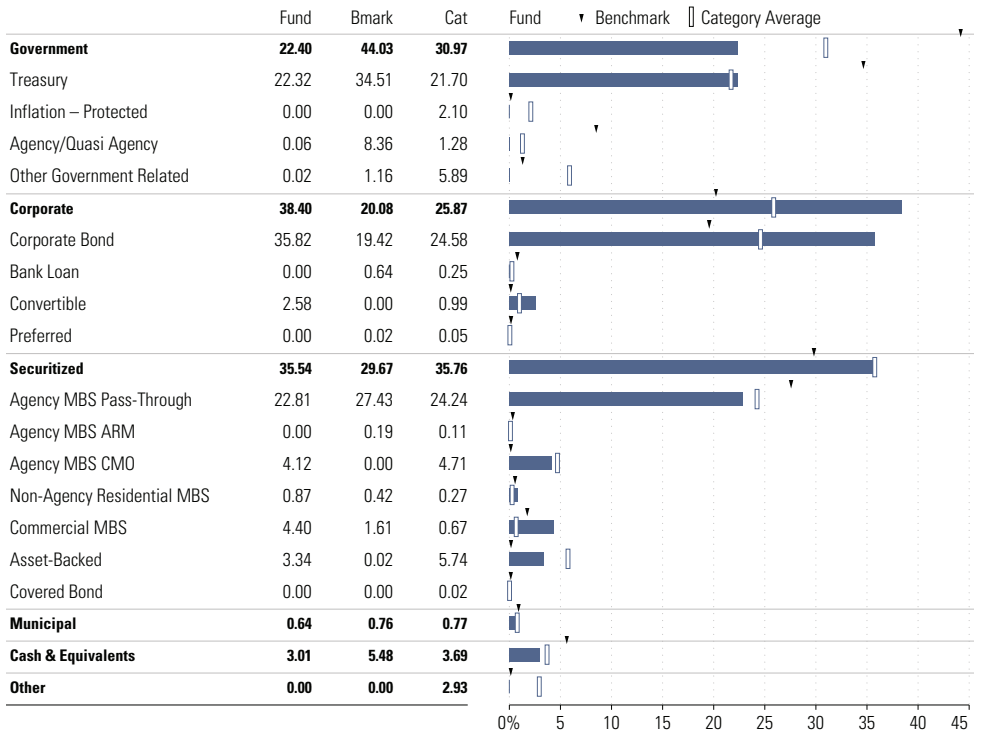


Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.00
Bonds	94.35	99.45
Cash	3.01	0.44
Other	2.64	0.10
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

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

## Sector Weighting as of 06-30-2020



## Top 10 Holdings as of 06-30-2020

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

**Total Holdings 1285**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

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

✔ **Management:** The fund's management has been in place for 10.34 years.

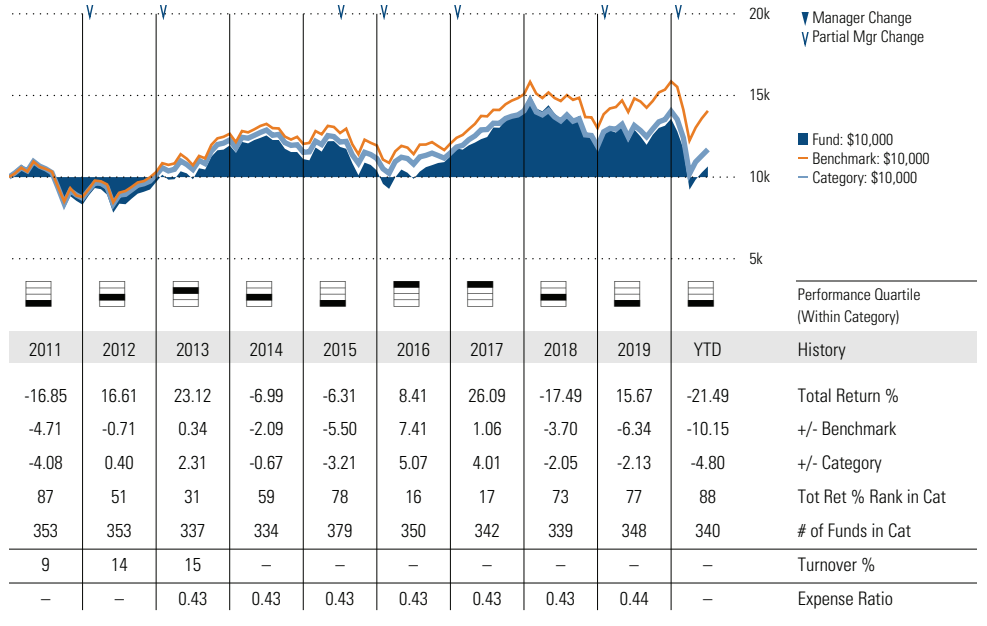
✔ **Style:** The fund has landed in its primary style box — Large Value — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.39 is 63.55% lower than the Foreign Large Value category average.

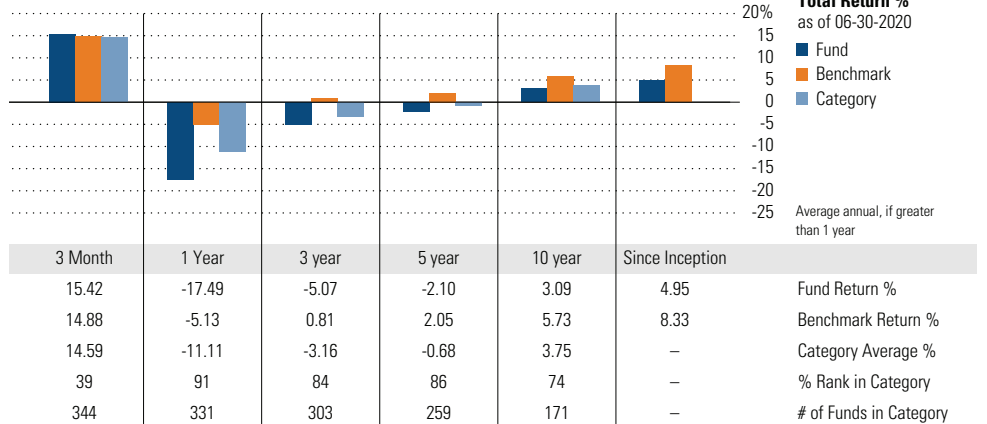
## Morningstar Investment Management LLC Analysis

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

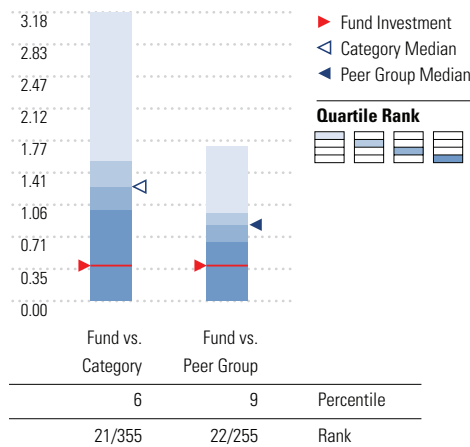
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-5.64	-	-4.05
Beta	1.28	-	1.10
R-Squared	94.65	-	93.37
Standard Deviation	19.89	15.17	17.30
Sharpe Ratio	-0.24	0.02	-0.20
Tracking Error	6.21	-	4.86
Information Ratio	-0.95	-	-0.91
Up Capture Ratio	113.54	-	97.06
Down Capture Ratio	142.63	-	117.69

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	13.50	16.19	14.35
Price/Book Ratio	0.98	1.58	1.42
Geom Avg Mkt Cap \$B	28.46	35.93	39.24
ROE	7.92	15.50	14.08

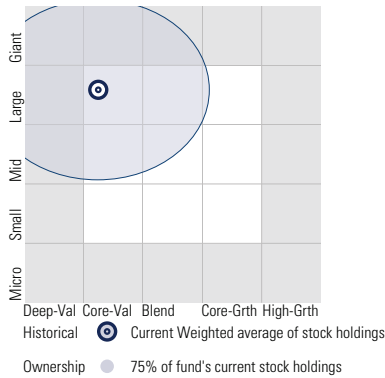
# DFA International Value I DFIVX

**Morningstar Category**  
Foreign Large Value

**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 06-30-2020

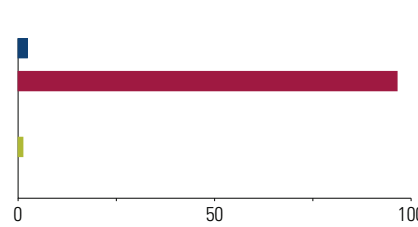
Morningstar Style Box™



## Style Breakdown

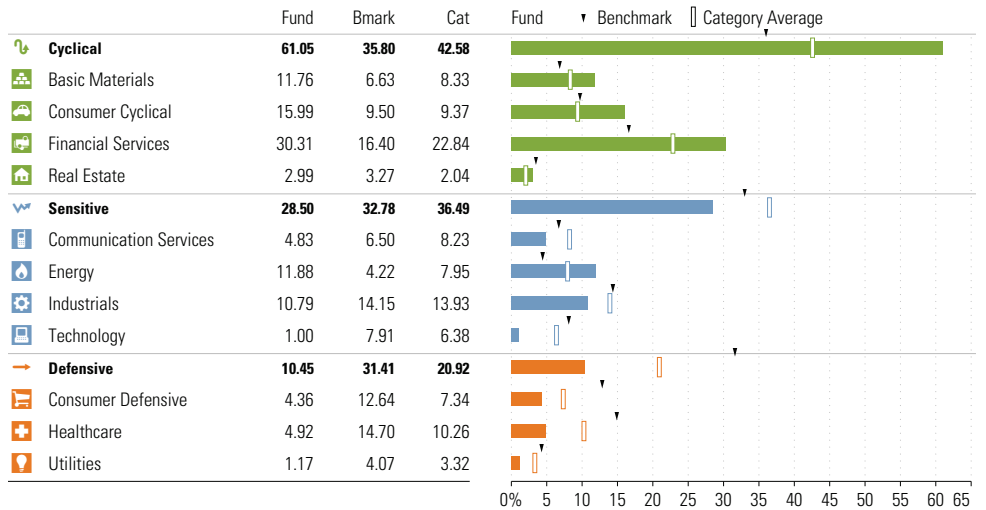


## Asset Allocation as of 06-30-2020

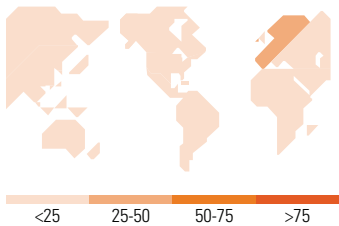


Asset Class	Net %	Cat %
US Stocks	2.35	2.38
Non-US Stocks	96.43	95.05
Bonds	0.00	0.22
Cash	1.22	2.27
Other	0.00	0.08
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2020



## World Regions % Equity 06-30-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Americas	9.75	6.66	Greater Europe	57.13	60.45	Developed Markets	99.70			
North America	9.75	5.99	United Kingdom	14.33	19.56	Emerging Markets	0.30			
Central/Latin	0.00	0.67	W euro-ex UK	42.32	40.00	Not Available	0.00			
			Emrgng Europe	0.00	0.52					
			Africa	0.48	0.37					

## Top 10 Holdings as of 06-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Total SA	2.64	2.64	-28.07	Energy
⊖ Toyota Motor Corp	2.17	4.81	-10.43	Consumer Cyclical
⊖ Banco Santander SA	1.71	6.53	-41.70	Financial Services
⊖ Zurich Insurance Group AG	1.53	8.06	-16.47	Financial Services
⊖ Novartis AG	1.42	9.48	-7.11	Healthcare
⊖ Royal Dutch Shell PLC ADR Class B	1.41	10.89	-47.12	Energy
⊖ Daimler AG	1.32	12.21	-27.15	Consumer Cyclical
⊖ Australia and New Zealand Banking Group Ltd ADR	1.32	13.53	-25.22	Financial Services
⊖ Royal Dutch Shell PLC ADR Class A	1.29	14.82	-42.44	Energy
⊖ Bayer AG	1.23	16.05	-5.86	Healthcare

**Total Holdings 559**

⊕ 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 7 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 10.34 years.

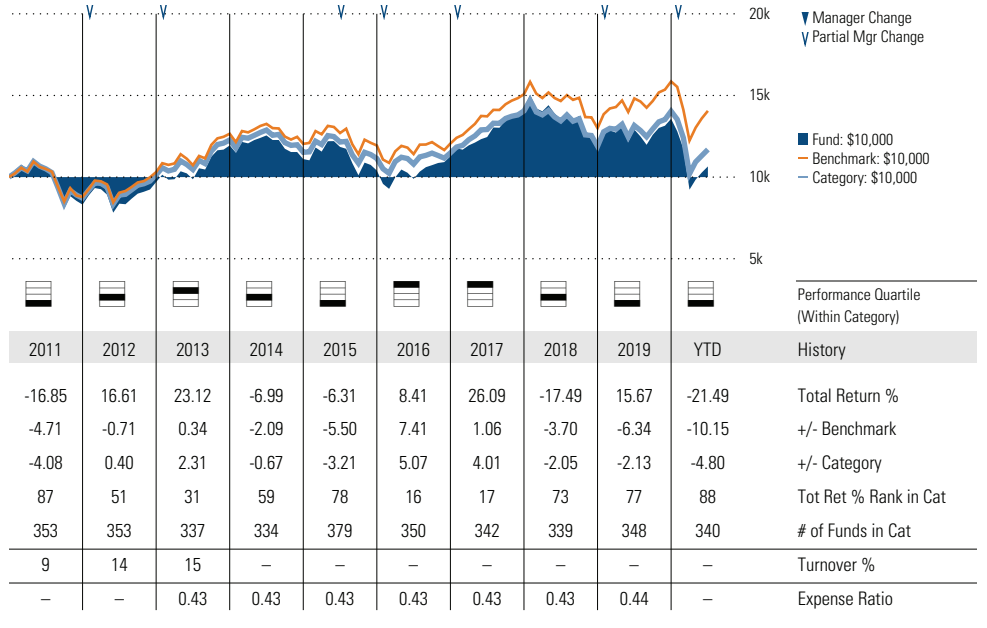
✔ **Style:** The fund has landed in its primary style box — Large Value — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.39 is 63.55% lower than the Foreign Large Value category average.

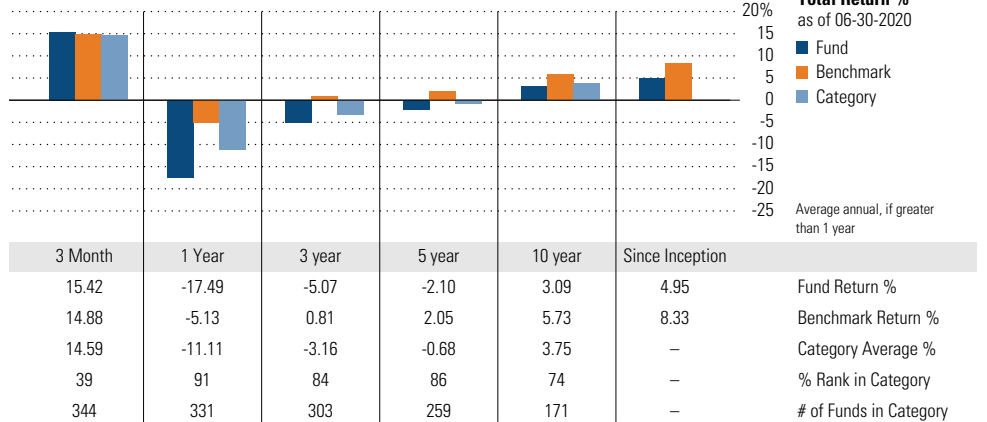
## Morningstar Investment Management LLC Analysis

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

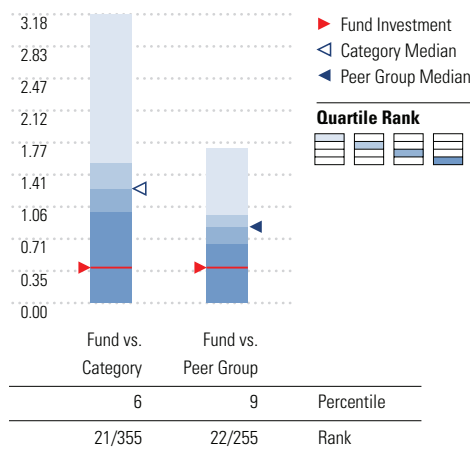
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-5.64	-	-4.05
Beta	1.28	-	1.10
R-Squared	94.65	-	93.37
Standard Deviation	19.89	15.17	17.30
Sharpe Ratio	-0.24	0.02	-0.20
Tracking Error	6.21	-	4.86
Information Ratio	-0.95	-	-0.91
Up Capture Ratio	113.54	-	97.06
Down Capture Ratio	142.63	-	117.69

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	13.50	16.19	14.35
Price/Book Ratio	0.98	1.58	1.42
Geom Avg Mkt Cap \$B	28.46	35.93	39.24
ROE	7.92	15.50	14.08

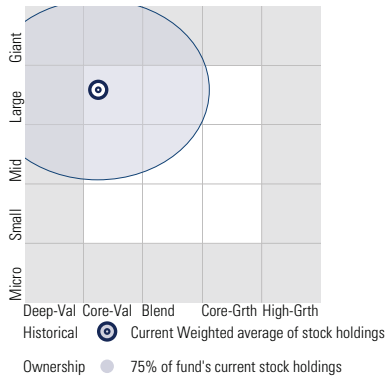
# DFA International Value I DFIVX

**Morningstar Category**  
Foreign Large Value

**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 06-30-2020

Morningstar Style Box™

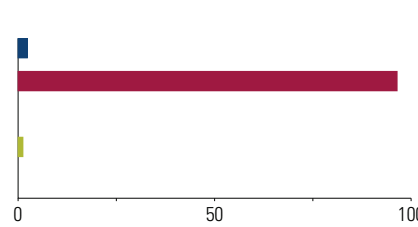


## Style Breakdown

Equity			
Value	Blend	Growth	
55	19	3	Large
17	5	1	Mid
0	0	0	Small

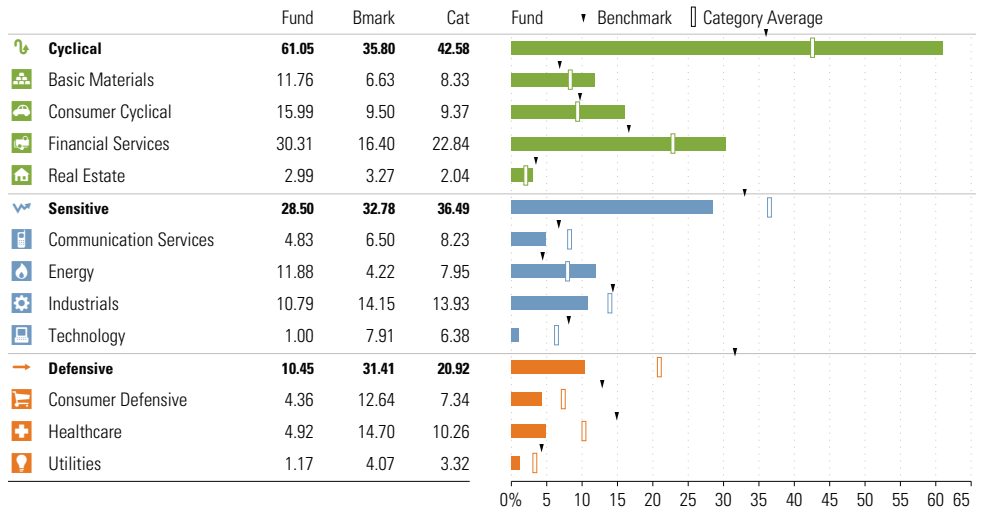


## Asset Allocation as of 06-30-2020



Asset Class	Net %	Cat%
US Stocks	2.35	2.38
Non-US Stocks	96.43	95.05
Bonds	0.00	0.22
Cash	1.22	2.27
Other	0.00	0.08
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2020



## World Regions % Equity 06-30-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	33.12	32.90	Americas	9.75	6.66	Greater Europe	57.13	60.45	Developed Markets	99.70
Japan	22.35	18.44	North America	9.75	5.99	United Kingdom	14.33	19.56	Emerging Markets	0.30
Australasia	6.57	3.06	Central/Latin	0.00	0.67	W euro-ex UK	42.32	40.00	Not Available	0.00
Asia-4 Tigers	3.90	7.63				Emrgng Europe	0.00	0.52		
Asia-ex 4 Tigers	0.30	3.77				Africa	0.48	0.37		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 06-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Total SA	2.64	2.64	-28.07	Energy
⊖ Toyota Motor Corp	2.17	4.81	-10.43	Consumer Cyclical
⊖ Banco Santander SA	1.71	6.53	-41.70	Financial Services
⊖ Zurich Insurance Group AG	1.53	8.06	-16.47	Financial Services
⊖ Novartis AG	1.42	9.48	-7.11	Healthcare
⊖ Royal Dutch Shell PLC ADR Class B	1.41	10.89	-47.12	Energy
⊖ Daimler AG	1.32	12.21	-27.15	Consumer Cyclical
⊖ Australia and New Zealand Banking Group Ltd ADR	1.32	13.53	-25.22	Financial Services
⊖ Royal Dutch Shell PLC ADR Class A	1.29	14.82	-42.44	Energy
⊖ Bayer AG	1.23	16.05	-5.86	Healthcare

**Total Holdings 559**

⊕ 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 8.34 years.

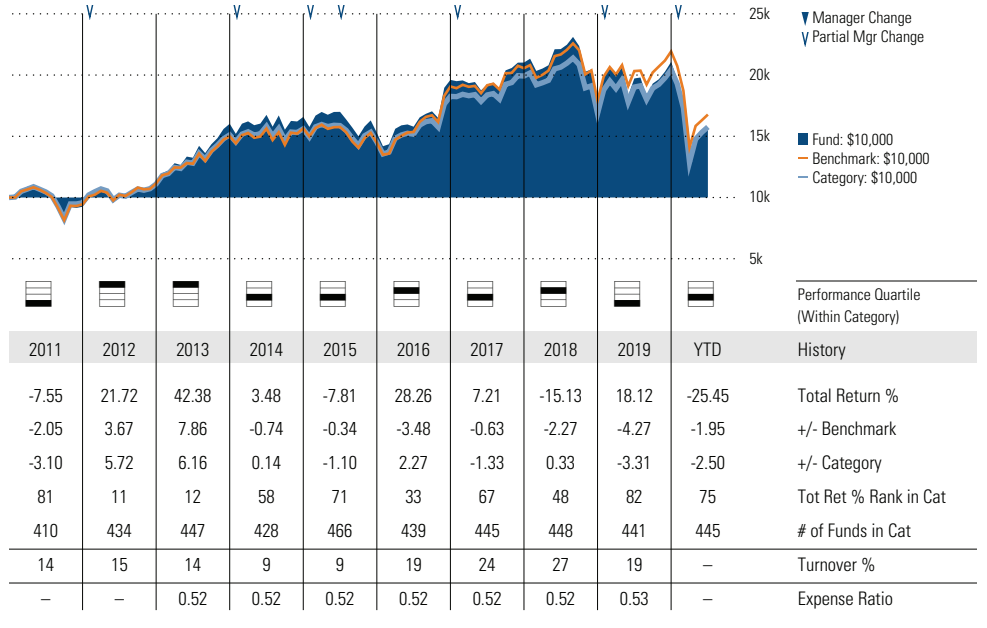
✔ **Style:** The fund has landed in its primary style box — Small Value — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.51 is 57.14% lower than the Small Value category average.

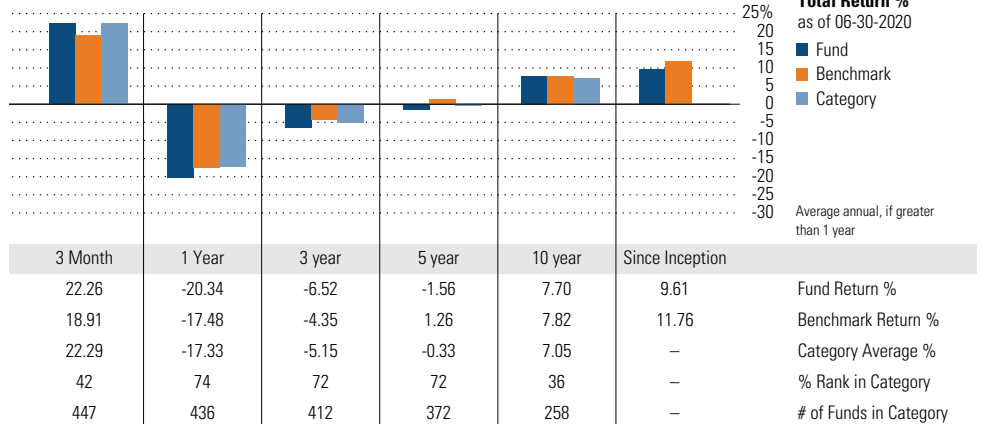
## Morningstar Investment Management LLC Analysis

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

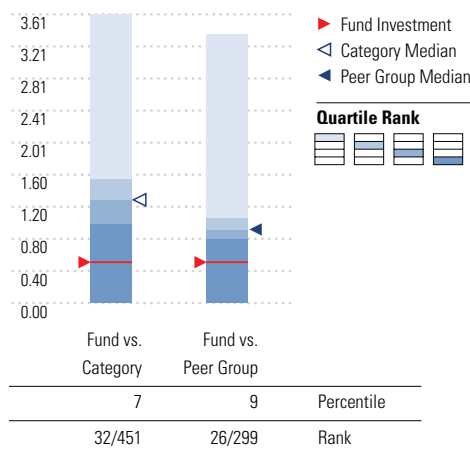
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-1.34	-	-0.21
Beta	1.12	-	1.03
R-Squared	98.80	-	96.49
Standard Deviation	26.54	23.58	24.82
Sharpe Ratio	-0.18	-0.14	-0.14
Tracking Error	4.04	-	5.00
Information Ratio	-0.54	-	-0.12
Up Capture Ratio	107.99	-	101.32
Down Capture Ratio	113.41	-	102.94

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	15.87	18.52	18.01
Price/Book Ratio	1.27	1.45	1.65
Geom Avg Mkt Cap \$B	1.30	1.34	2.55
ROE	6.52	6.22	9.71

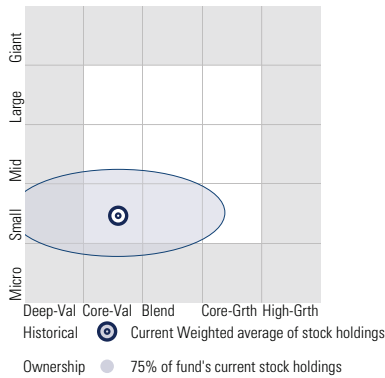
# DFA US Small Cap Value I DFSVX

**Morningstar Category**  
Small Value

**Morningstar Index**  
Russell 2000 Value TR USD

## Style Analysis as of 06-30-2020

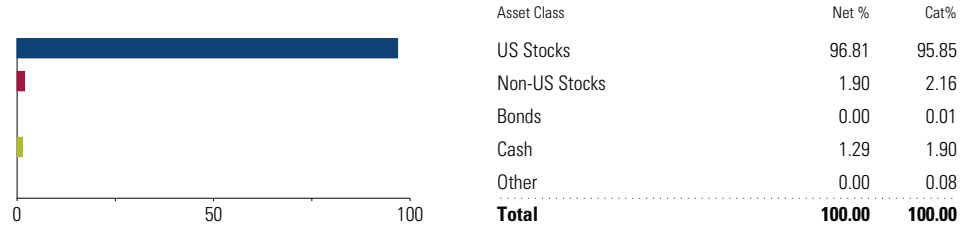
Morningstar Style Box™



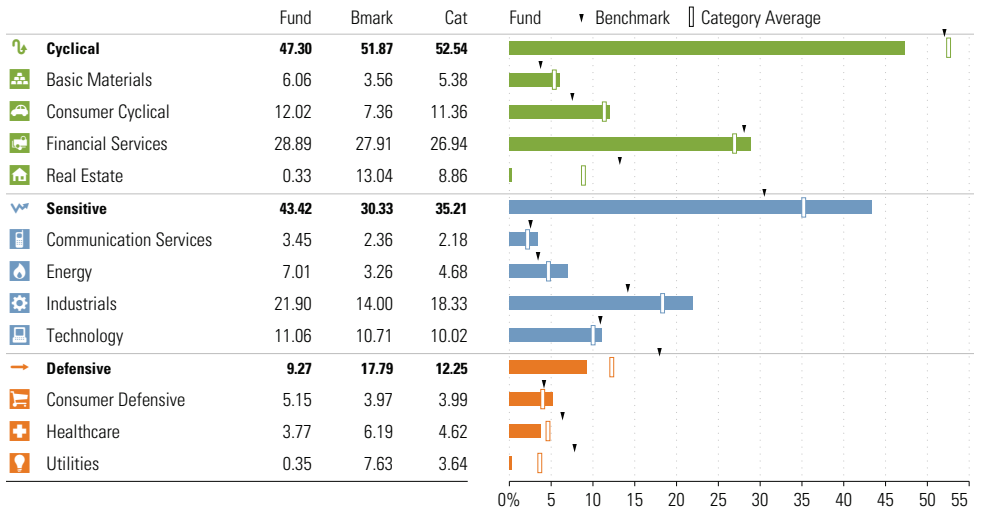
## Style Breakdown



## Asset Allocation as of 06-30-2020



## Sector Weighting as of 06-30-2020



## Top 15 Holdings as of 06-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Ssc Government Mm Gvmxx	1.20	1.20	—	—
⊖ Tech Data Corp	1.09	2.29	0.91	Technology
⊖ Darling Ingredients Inc	0.96	3.25	-12.32	Consumer Defensive
⊖ Taylor Morrison Home Corp Class A	0.87	4.12	-11.76	Consumer Cyclical
⊖ FTI Consulting Inc	0.79	4.91	3.52	Industrials
⊖ Aircastle Ltd	0.78	5.69	—	Industrials
Meritage Homes Corp	0.76	6.45	24.56	Consumer Cyclical
⊖ GATX Corp	0.73	7.17	-25.24	Industrials
⊖ CACI International Inc Class A	0.69	7.86	-13.24	Technology
⊖ American Equity Investment Life Holding Co	0.67	8.53	-17.44	Financial Services
Regal Beloit Corp	0.66	9.20	2.70	Industrials
M.D.C. Holdings Inc	0.66	9.86	-4.72	Consumer Cyclical
⊖ Washington Federal Inc	0.66	10.52	-25.57	Financial Services
⊖ SkyWest Inc	0.65	11.16	-49.31	Industrials
⊕ Associated Banc-Corp	0.64	11.81	-36.30	Financial Services

**Total Holdings 965**

⊕ 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 8.34 years.

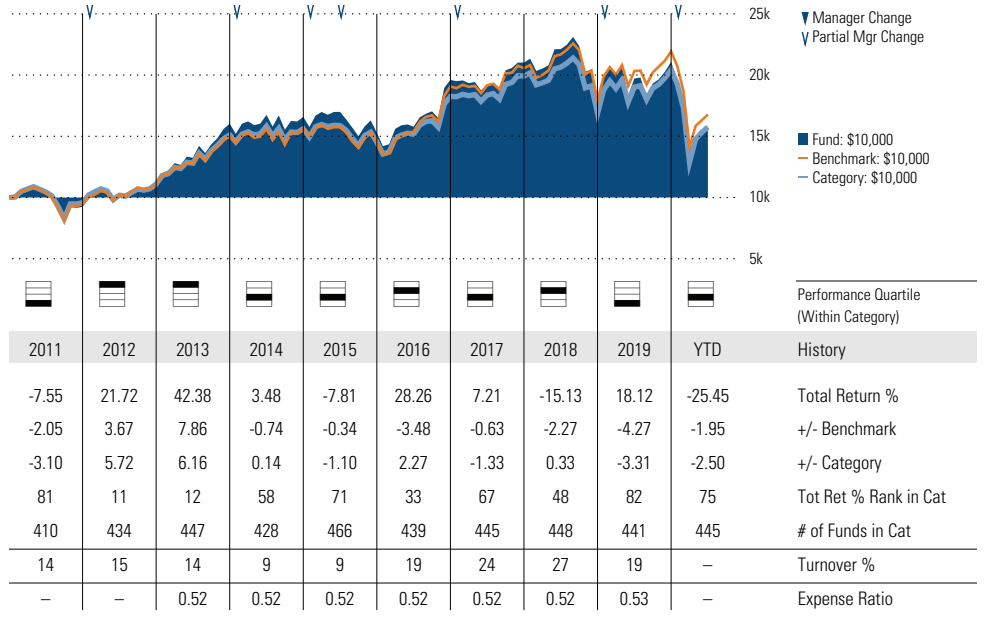
✔ **Style:** The fund has landed in its primary style box — Small Value — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.51 is 57.14% lower than the Small Value category average.

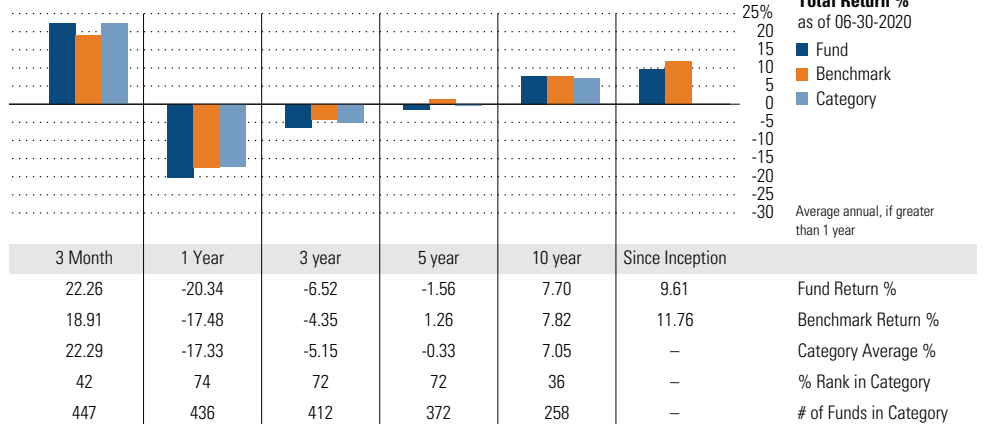
## Morningstar Investment Management LLC Analysis

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

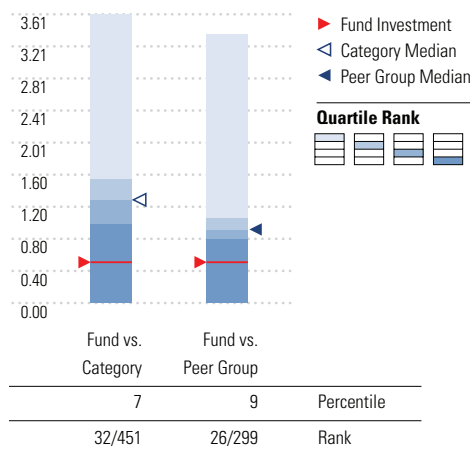
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-1.34	-	-0.21
Beta	1.12	-	1.03
R-Squared	98.80	-	96.49
Standard Deviation	26.54	23.58	24.82
Sharpe Ratio	-0.18	-0.14	-0.14
Tracking Error	4.04	-	5.00
Information Ratio	-0.54	-	-0.12
Up Capture Ratio	107.99	-	101.32
Down Capture Ratio	113.41	-	102.94

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	15.87	18.52	18.01
Price/Book Ratio	1.27	1.45	1.65
Geom Avg Mkt Cap \$B	1.30	1.34	2.55
ROE	6.52	6.22	9.71

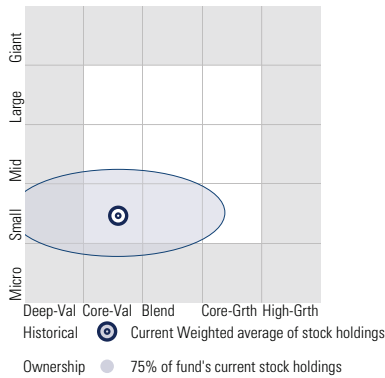
# DFA US Small Cap Value I DFSVX

**Morningstar Category**  
Small Value

**Morningstar Index**  
Russell 2000 Value TR USD

## Style Analysis as of 06-30-2020

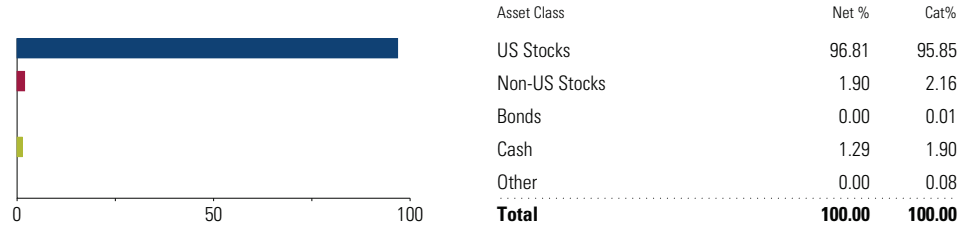
Morningstar Style Box™



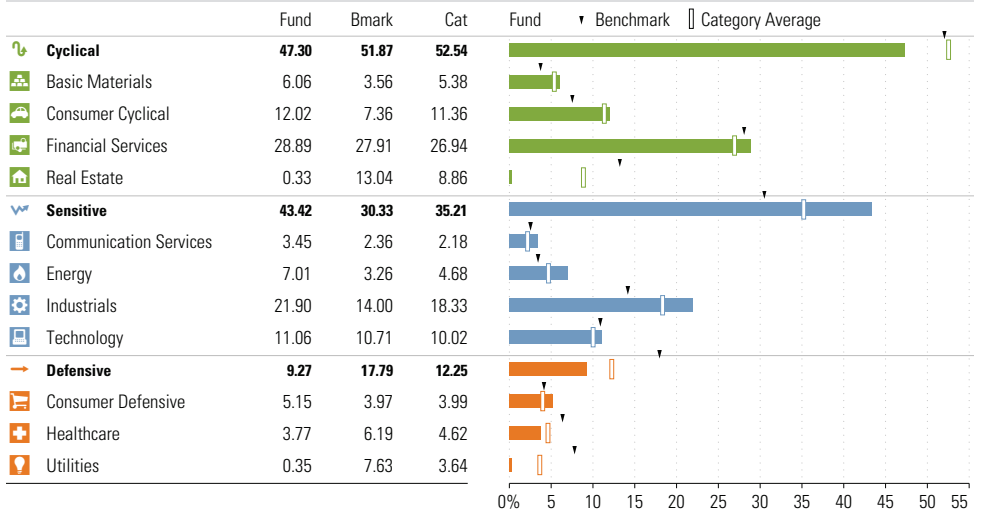
## Style Breakdown



## Asset Allocation as of 06-30-2020



## Sector Weighting as of 06-30-2020



## Top 15 Holdings as of 06-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Ssc Government Mm Gvmxx	1.20	1.20	—	—
⊖ Tech Data Corp	1.09	2.29	0.91	Technology
⊖ Darling Ingredients Inc	0.96	3.25	-12.32	Consumer Defensive
⊖ Taylor Morrison Home Corp Class A	0.87	4.12	-11.76	Consumer Cyclical
⊖ FTI Consulting Inc	0.79	4.91	3.52	Industrials
⊖ Aircastle Ltd	0.78	5.69	—	Industrials
Meritage Homes Corp	0.76	6.45	24.56	Consumer Cyclical
⊖ GATX Corp	0.73	7.17	-25.24	Industrials
⊖ CACI International Inc Class A	0.69	7.86	-13.24	Technology
⊖ American Equity Investment Life Holding Co	0.67	8.53	-17.44	Financial Services
Regal Beloit Corp	0.66	9.20	2.70	Industrials
M.D.C. Holdings Inc	0.66	9.86	-4.72	Consumer Cyclical
⊖ Washington Federal Inc	0.66	10.52	-25.57	Financial Services
⊖ SkyWest Inc	0.65	11.16	-49.31	Industrials
⊕ Associated Banc-Corp	0.64	11.81	-36.30	Financial Services

**Total Holdings 965**

⊕ 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 5 of the 5 years it's been in existence.

✔ **Management:** The fund's management has been in place for 5.66 years.

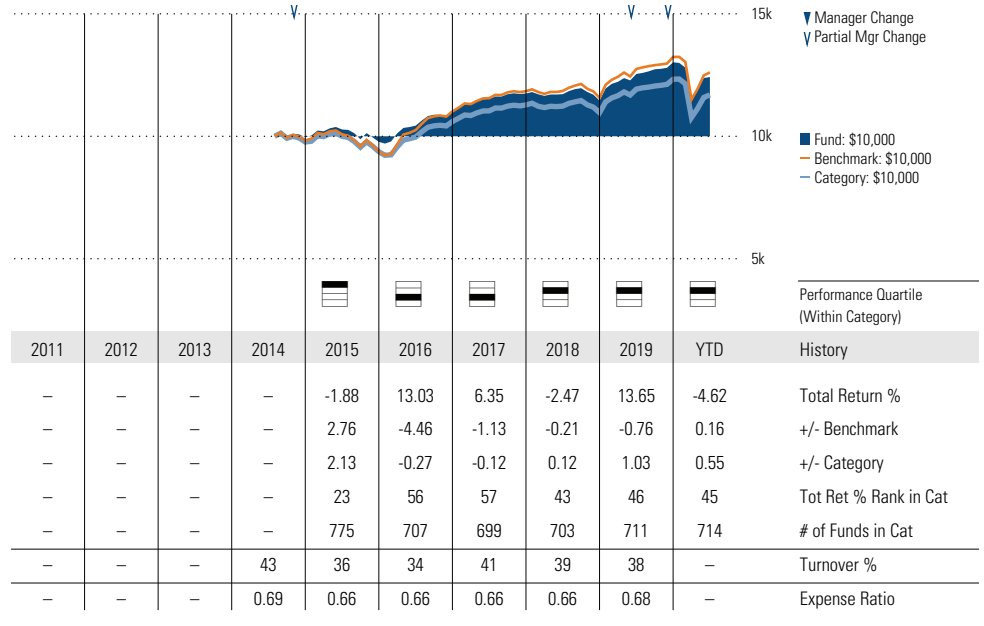
Style Consistency is not calculated for Fixed Income funds.

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

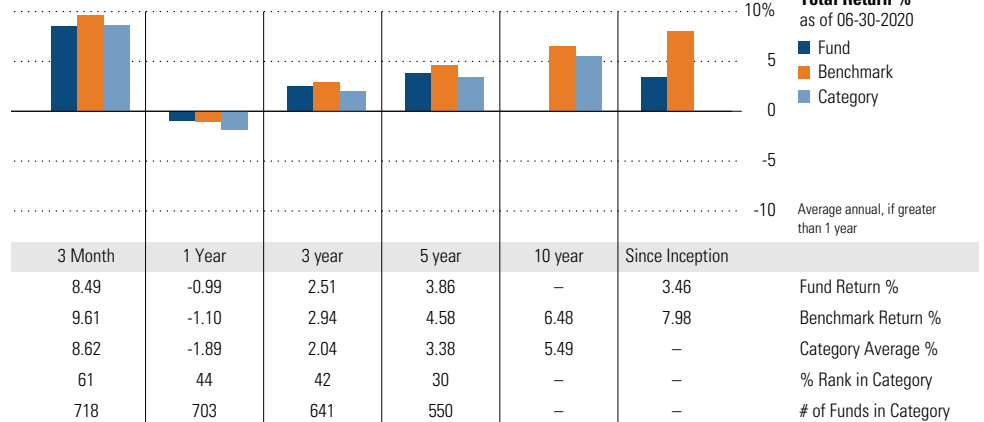
## Morningstar Investment Management LLC Analysis

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

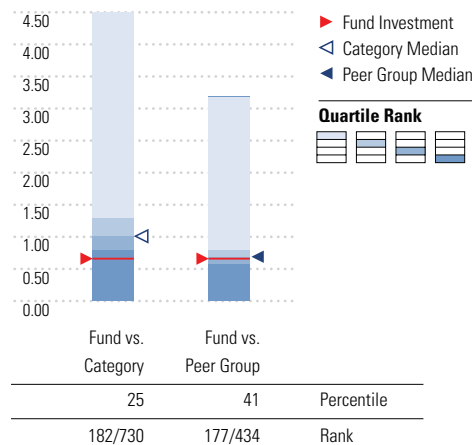
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.17	-	-0.78
Beta	0.90	-	0.97
R-Squared	99.01	-	95.54
Standard Deviation	8.02	8.86	8.82
Sharpe Ratio	0.14	0.18	0.10
Tracking Error	1.18	-	2.15
Information Ratio	-0.36	-	-0.45
Up Capture Ratio	87.14	-	90.64
Down Capture Ratio	87.94	-	99.08

## Portfolio Metrics

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

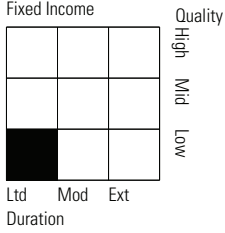
# Eaton Vance Income Fund of Boston R6 EIBRX

**Morningstar Category**  
High Yield Bond

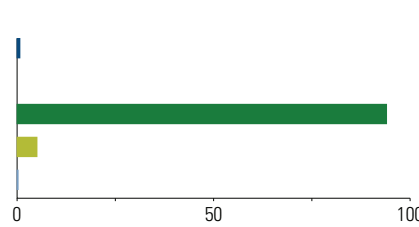
**Morningstar Index**  
ICE BofA US High Yield TR USD

## Style Analysis as of 06-30-2020

### Style Breakdown



## Asset Allocation as of 06-30-2020

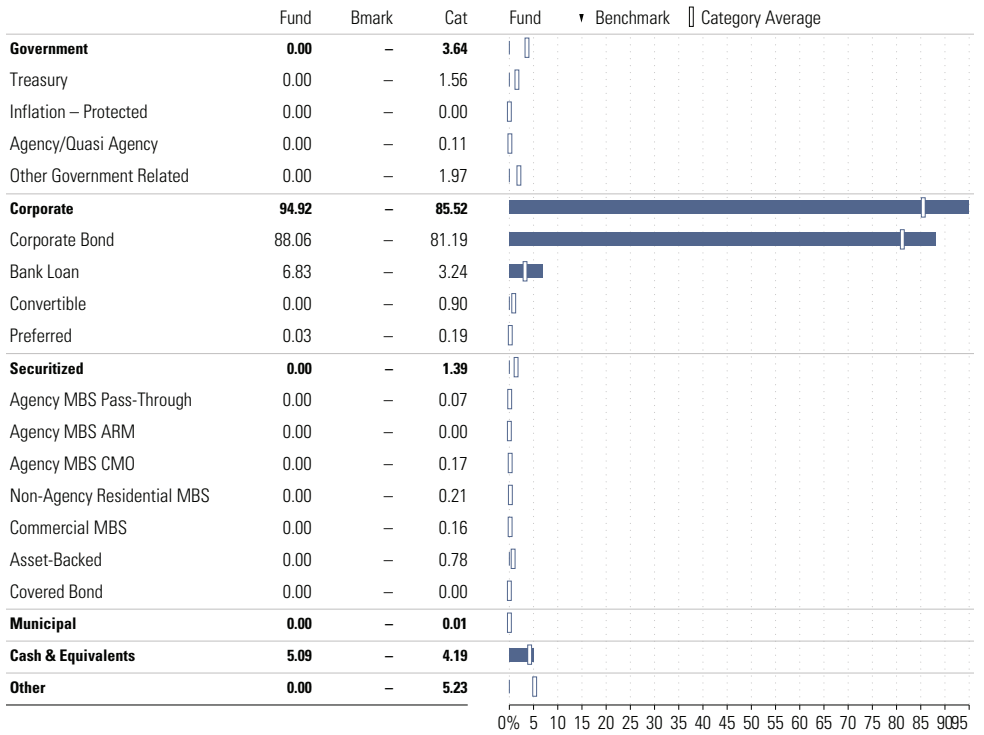


Asset Class	Net %	Cat%
US Stocks	0.70	0.63
Non-US Stocks	0.00	0.03
Bonds	94.00	97.30
Cash	5.05	2.13
Other	0.25	-0.11
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

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

## Sector Weighting as of 06-30-2020



## Top 10 Holdings as of 06-30-2020

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

**Total Holdings 515**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# 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 5 of the 5 years it's been in existence.

✔ **Management:** The fund's management has been in place for 5.66 years.

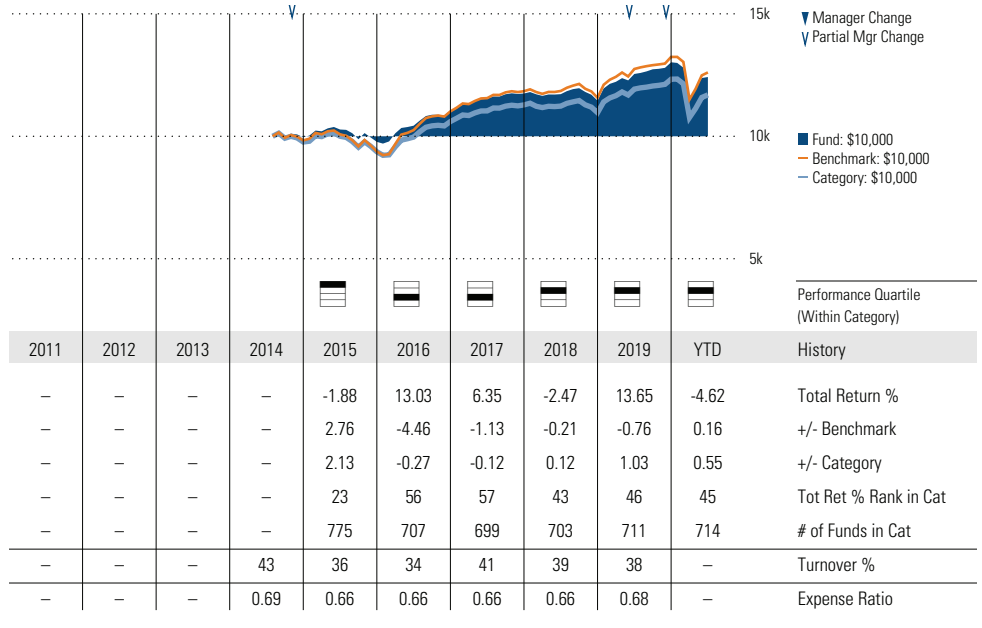
Style Consistency is not calculated for Fixed Income funds.

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

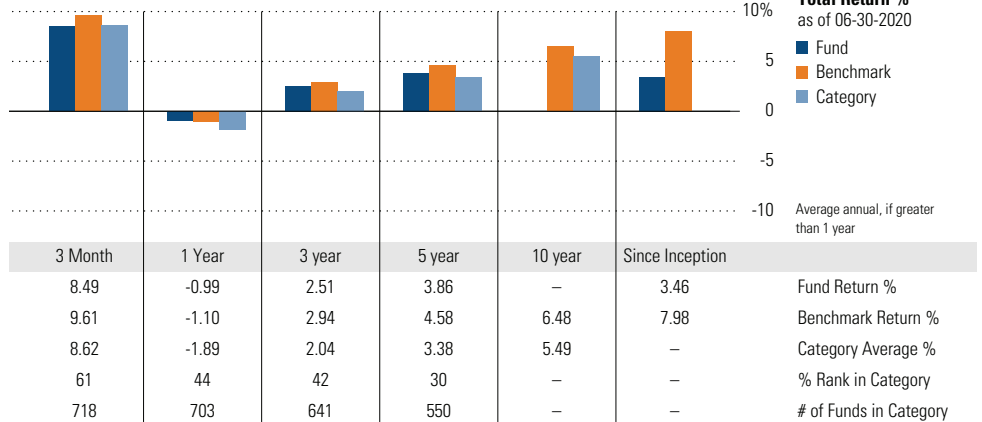
## Morningstar Investment Management LLC Analysis

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

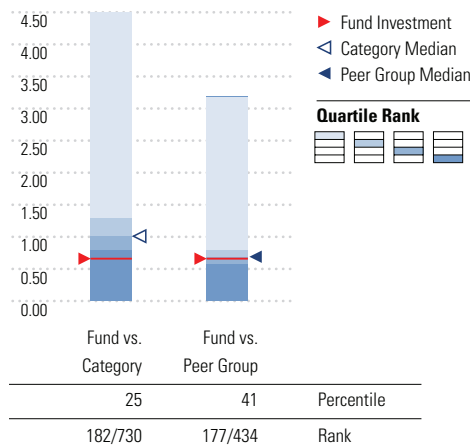
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.17	-	-0.78
Beta	0.90	-	0.97
R-Squared	99.01	-	95.54
Standard Deviation	8.02	8.86	8.82
Sharpe Ratio	0.14	0.18	0.10
Tracking Error	1.18	-	2.15
Information Ratio	-0.36	-	-0.45
Up Capture Ratio	87.14	-	90.64
Down Capture Ratio	87.94	-	99.08

## Portfolio Metrics

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

# Eaton Vance Income Fund of Boston R6 EIBRX

**Morningstar Category**  
High Yield Bond

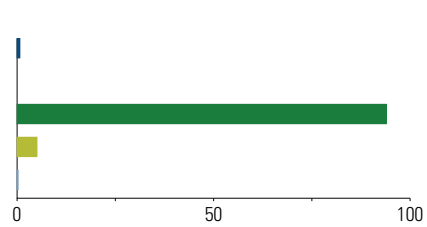
**Morningstar Index**  
ICE BofA US High Yield TR USD

## Style Analysis as of 06-30-2020

### Style Breakdown



## Asset Allocation as of 06-30-2020

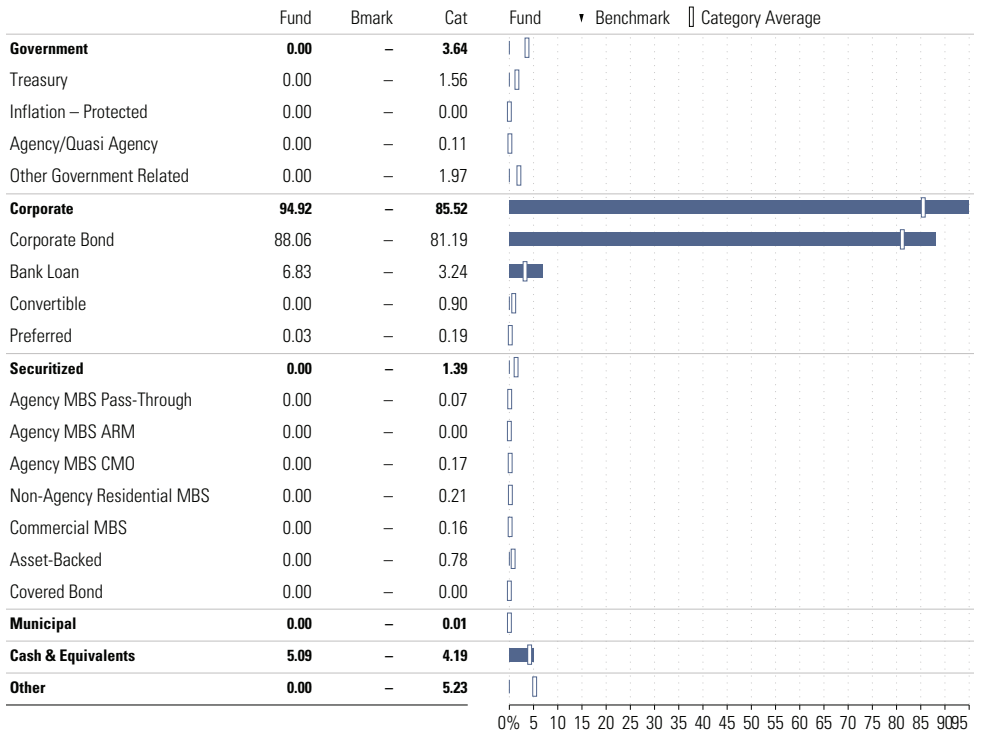


Asset Class	Net %	Cat%
US Stocks	0.70	0.63
Non-US Stocks	0.00	0.03
Bonds	94.00	97.30
Cash	5.05	2.13
Other	0.25	-0.11
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

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

## Sector Weighting as of 06-30-2020



## Top 10 Holdings as of 06-30-2020

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

**Total Holdings 515**

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# Federated Hermes Govt Ultrashort R6 FGULX

**Morningstar Category**  
Ultrashort Bond

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

## Portfolio Manager(s)

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

## Quantitative Screens

✔ **Performance:** The fund has finished in the Ultrashort Bond category's top three quartiles in 2 of the 3 years it's been in existence.

✔ **Management:** The fund's management has been in place for 22.99 years.

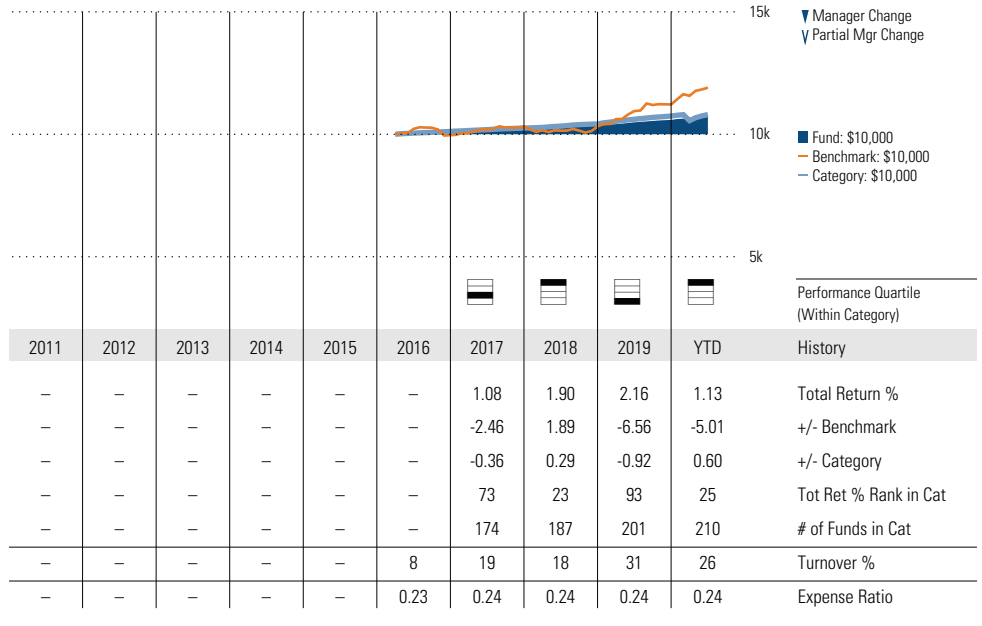
Style Consistency is not calculated for Fixed Income funds.

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

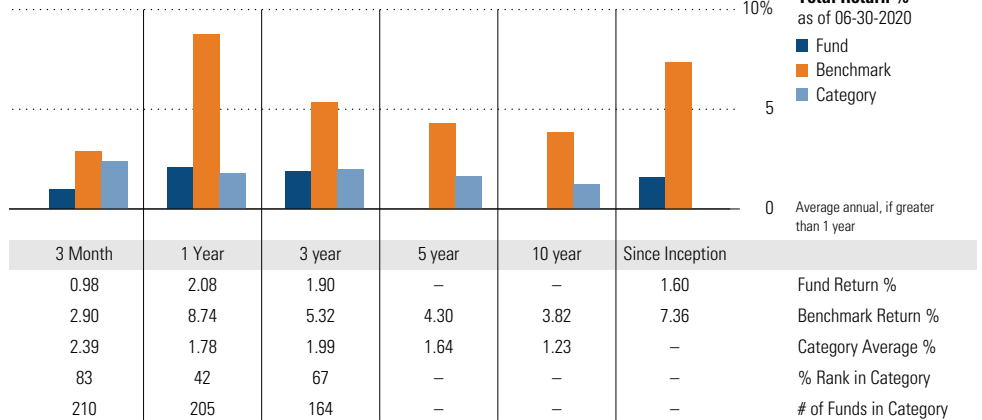
## Morningstar Investment Management LLC Analysis

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.

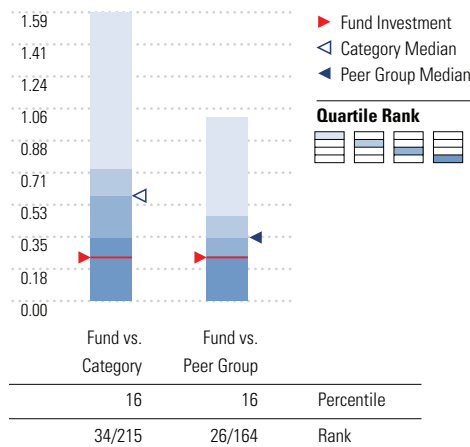
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.52	-	1.07
Beta	0.07	-	0.16
R-Squared	25.32	-	12.45
Standard Deviation	0.45	3.27	1.80
Sharpe Ratio	0.43	1.09	0.17
Tracking Error	3.07	-	3.39
Information Ratio	-1.11	-	-1.02
Up Capture Ratio	19.94	-	29.39
Down Capture Ratio	-20.09	-	11.57

## Portfolio Metrics

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

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

# Federated Hermes Govt Ultrashort R6 FGULX

**Morningstar Category**  
Ultrashort Bond

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

**Style Analysis** as of 06-30-2020

**Style Breakdown**



**Asset Allocation** as of 06-30-2020

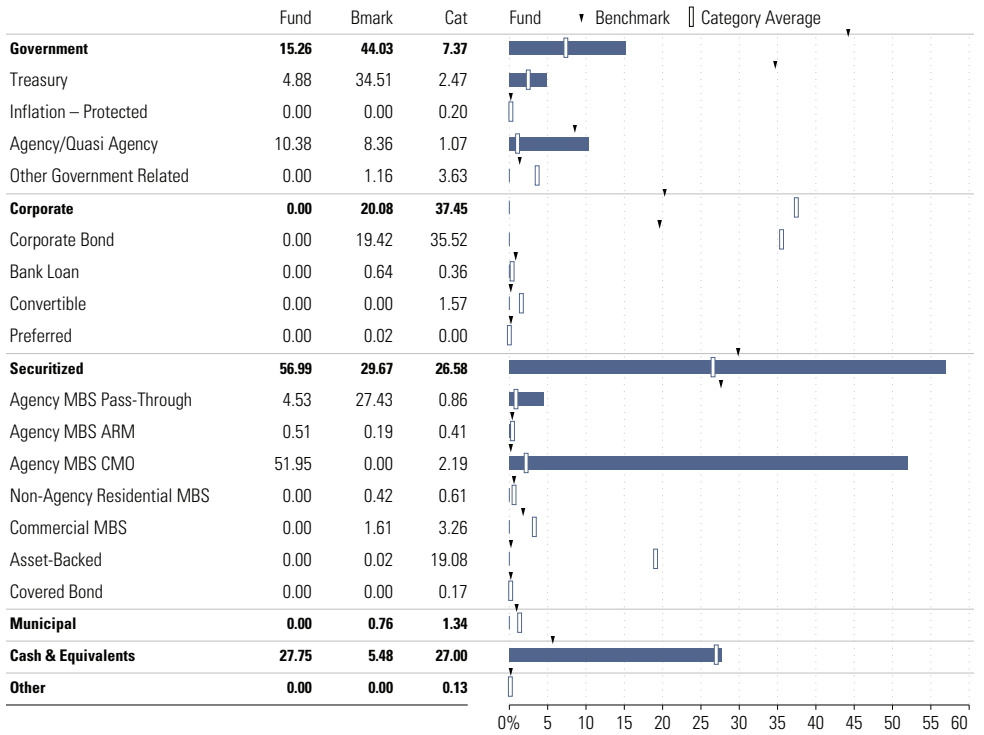


Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.00
Bonds	72.25	70.50
Cash	27.75	26.95
Other	0.00	2.56
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Credit Rating Breakdown**

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

**Sector Weighting** as of 06-30-2020



**Top 10 Holdings** as of 06-30-2020

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

**Total Holdings 223**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# 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 2 of the 3 years it's been in existence.

✔ **Management:** The fund's management has been in place for 22.99 years.

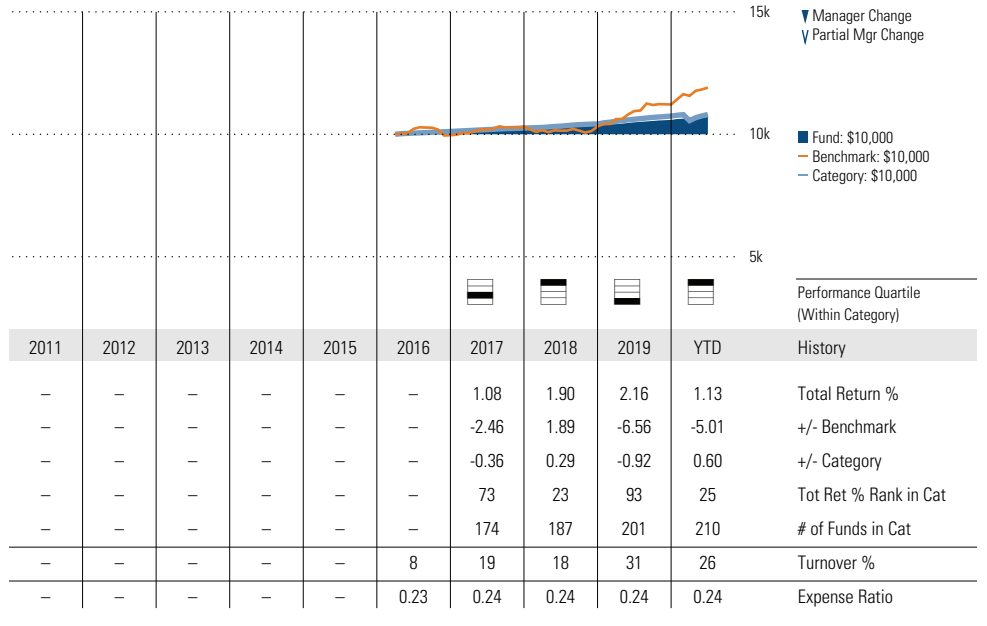
Style Consistency is not calculated for Fixed Income funds.

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

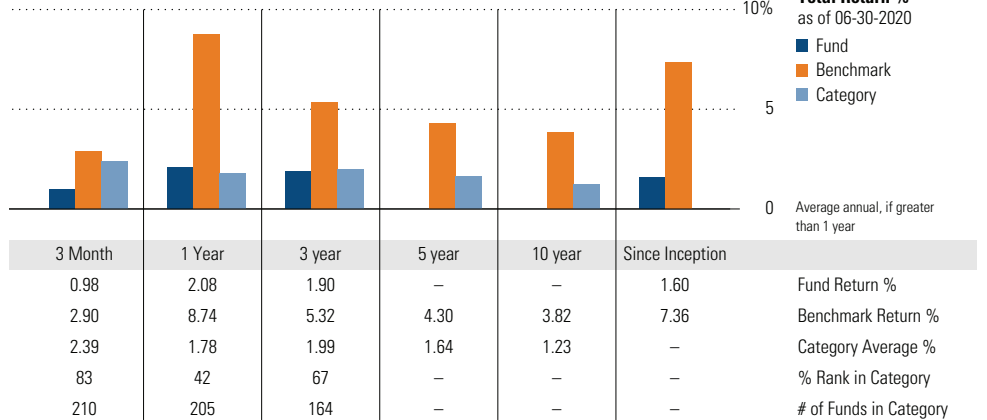
## Morningstar Investment Management LLC Analysis

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.

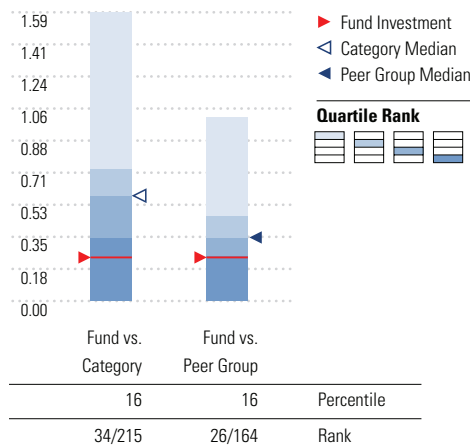
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.52	-	1.07
Beta	0.07	-	0.16
R-Squared	25.32	-	12.45
Standard Deviation	0.45	3.27	1.80
Sharpe Ratio	0.43	1.09	0.17
Tracking Error	3.07	-	3.39
Information Ratio	-1.11	-	-1.02
Up Capture Ratio	19.94	-	29.39
Down Capture Ratio	-20.09	-	11.57

## Portfolio Metrics

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

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

# Federated Hermes Govt Ultrashort R6 FGULX

**Morningstar Category**  
Ultrashort Bond

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

**Style Analysis** as of 06-30-2020

**Style Breakdown**



**Asset Allocation** as of 06-30-2020

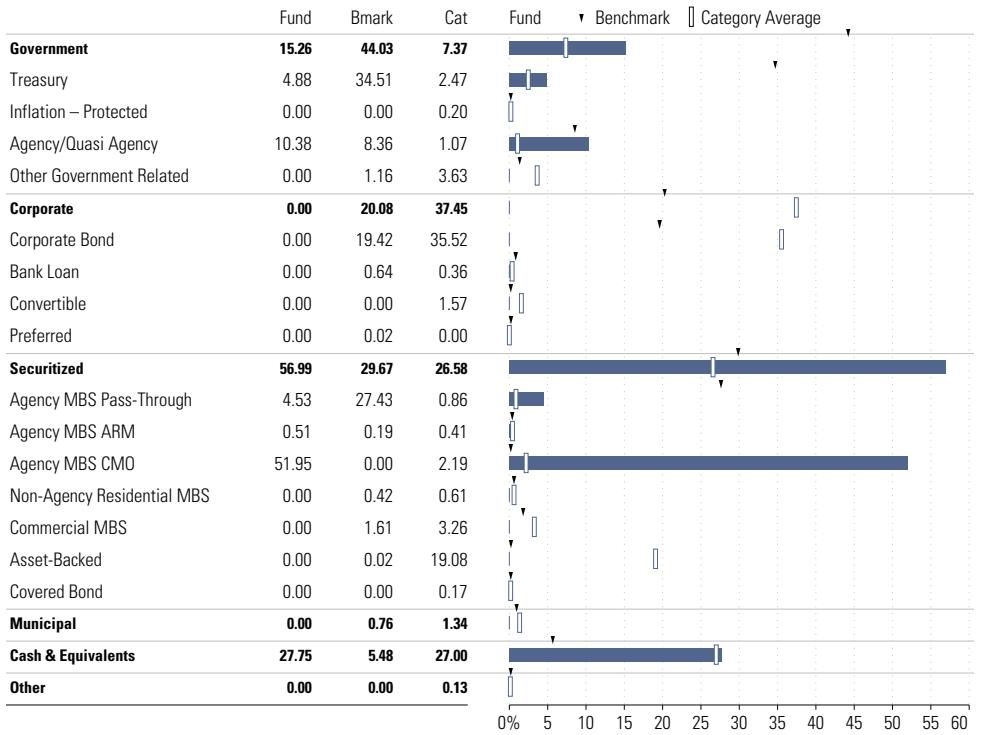


Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.00
Bonds	72.25	70.50
Cash	27.75	26.95
Other	0.00	2.56
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Credit Rating Breakdown**

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

**Sector Weighting** as of 06-30-2020



**Top 10 Holdings** as of 06-30-2020

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

**Total Holdings 223**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Invesco 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 6 of the 7 years it's been in existence.

**Management:** The fund's management has been in place for 17.51 years.

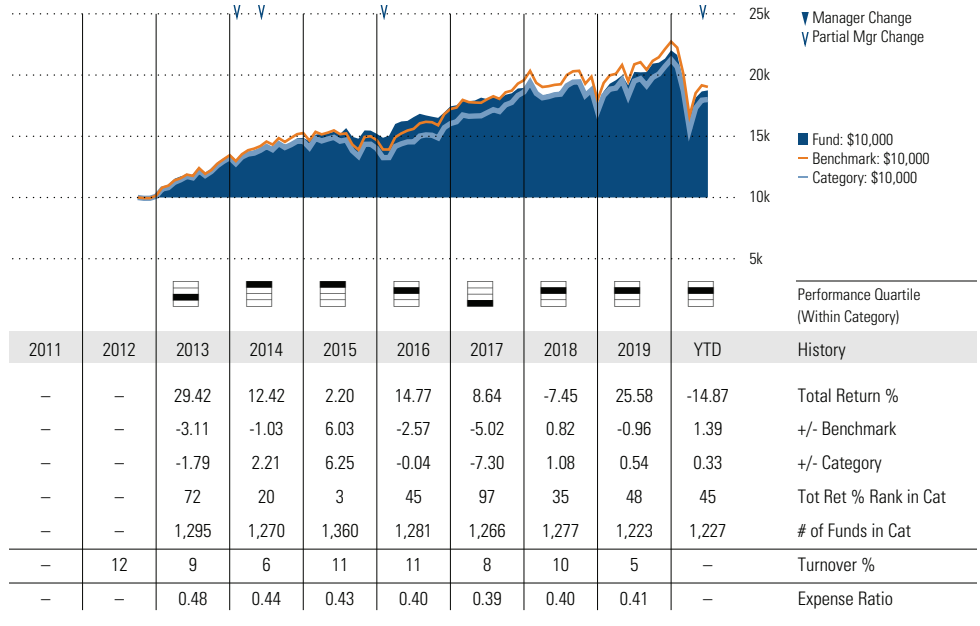
**Style:** The fund has landed in its primary style box — Large Value — 100 % of the time over the past three years.

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

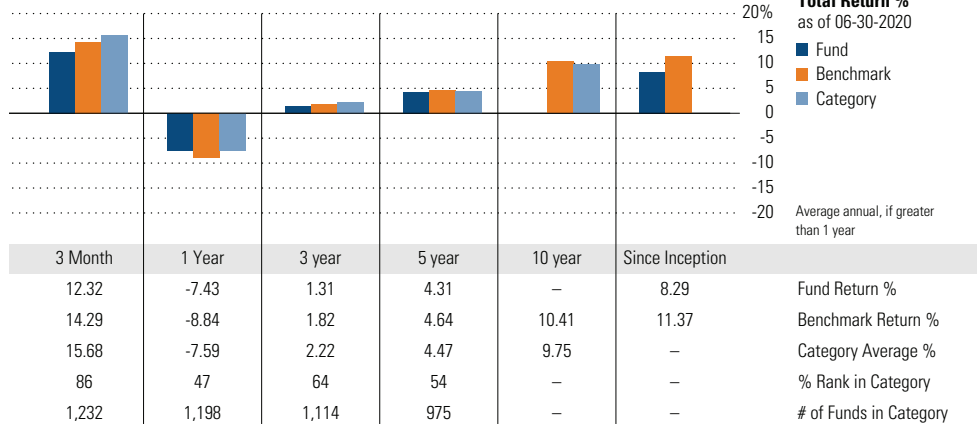
## Morningstar Investment Management LLC Analysis

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.

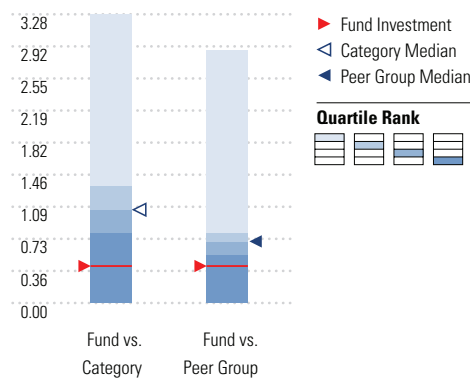
## Growth of \$10,000



## 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

	Fund	Bmark	Cat
Alpha	-0.37	-	0.21
Beta	0.81	-	0.99
R-Squared	95.91	-	96.10
Standard Deviation	14.95	18.09	18.22
Sharpe Ratio	0.05	0.10	0.12
Tracking Error	4.59	-	3.87
Information Ratio	-0.11	-	0.06
Up Capture Ratio	76.40	-	99.69
Down Capture Ratio	77.56	-	99.11

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	19.09	16.59	16.45
Price/Book Ratio	2.20	1.83	2.17
Geom Avg Mkt Cap \$B	28.04	53.25	87.27
ROE	19.51	13.49	19.10

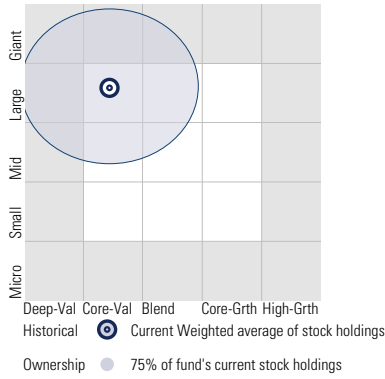
# Invesco Diversified Dividend R6 LCEFX

**Morningstar Category**  
Large Value

**Morningstar Index**  
Russell 1000 Value TR USD

## Style Analysis as of 06-30-2020

Morningstar Style Box™

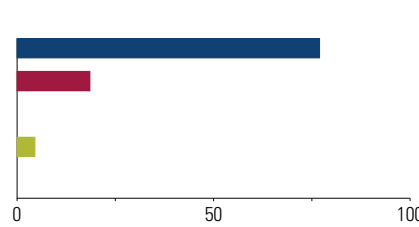


## Style Breakdown

Equity			
Value	Blend	Growth	
51	33	2	Large
9	4	0	Mid
1	0	0	Small

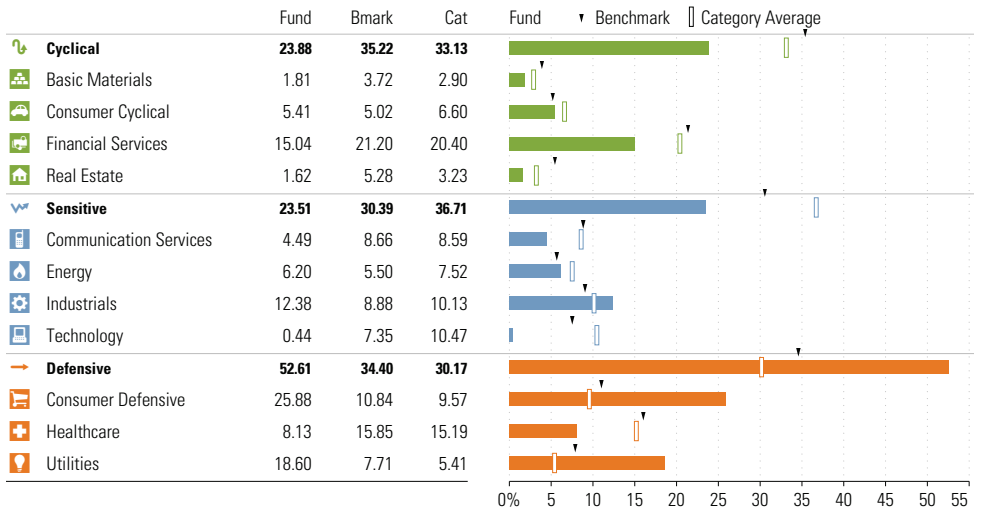


## Asset Allocation as of 06-30-2020



Asset Class	Net %	Cat%
US Stocks	76.96	90.74
Non-US Stocks	18.52	6.61
Bonds	0.00	0.31
Cash	4.52	1.77
Other	0.00	0.56
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2020



## Top 15 Holdings as of 06-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ The Hartford Financial Services Group Inc	3.25	3.25	-35.49	Financial Services
⊖ Entergy Corp	3.20	6.45	-20.14	Utilities
General Mills Inc	3.09	9.54	16.93	Consumer Defensive
⊖ Procter & Gamble Co	2.89	12.44	-3.04	Consumer Defensive
⊖ Coca-Cola Co	2.65	15.09	-17.80	Consumer Defensive
⊖ AT&T Inc	2.64	17.73	-19.98	Communication Svc
PPL Corp	2.56	20.28	-25.67	Utilities
⊖ Dominion Energy Inc	2.42	22.71	0.29	Utilities
⊕ Citi_gl_fxgl	2.29	25.00	-	-
⊕ Citi_gl_fxgl	2.28	27.28	-	-
⊕ Rbcc_gl_fxgl	2.24	29.53	-	-
⊕ Rbcc_gl_fxgl	2.23	31.75	-	-
Exelon Corp	2.18	33.94	-18.72	Utilities
Campbell Soup Co	2.13	36.07	1.84	Consumer Defensive
M&T Bank Corp	2.12	38.19	-37.46	Financial Services

**Total Holdings 83**

⊕ 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 6 of the 7 years it's been in existence.

**Management:** The fund's management has been in place for 17.51 years.

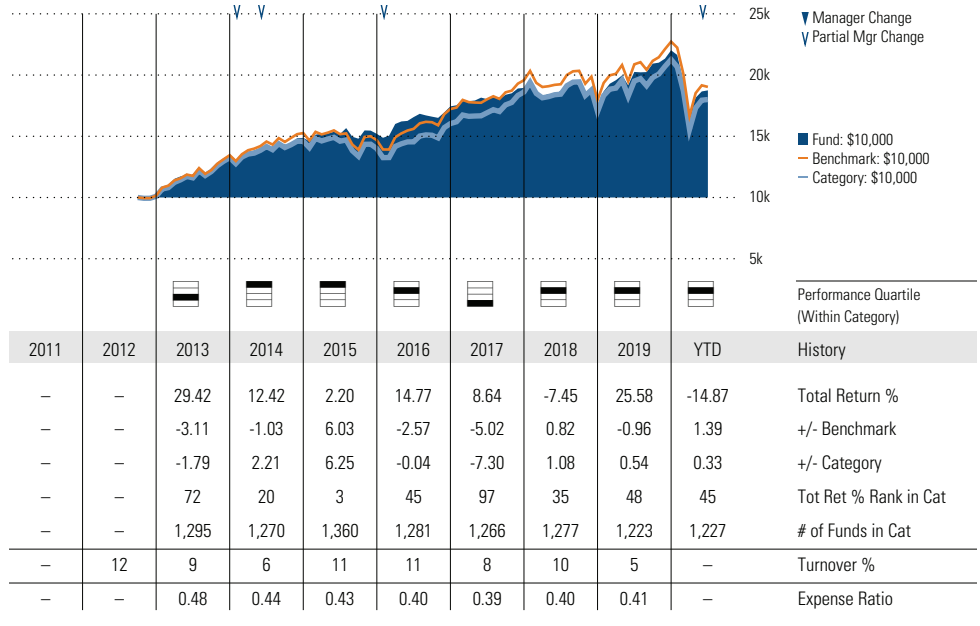
**Style:** The fund has landed in its primary style box — Large Value — 100 % of the time over the past three years.

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

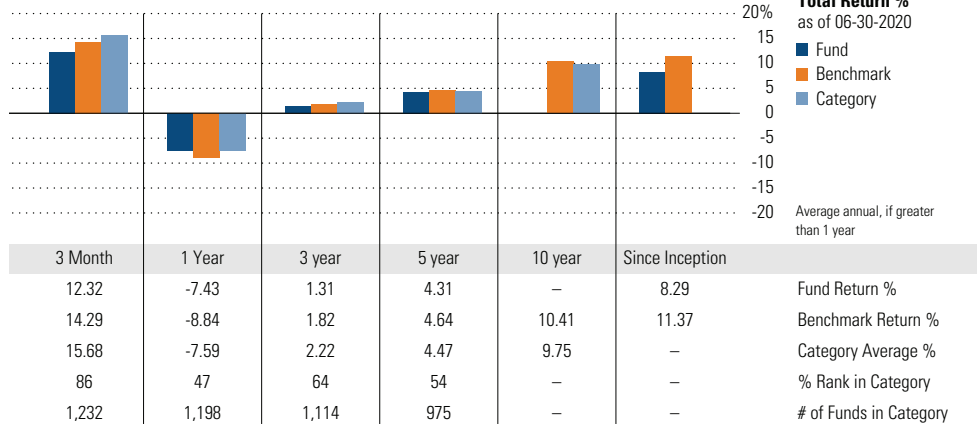
## Morningstar Investment Management LLC Analysis

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.

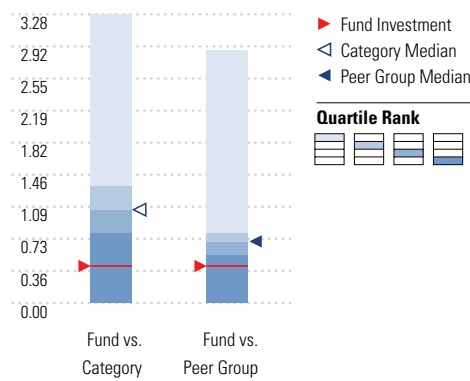
## Growth of \$10,000



## 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	-0.37	-	0.21
Beta	0.81	-	0.99
R-Squared	95.91	-	96.10
Standard Deviation	14.95	18.09	18.22
Sharpe Ratio	0.05	0.10	0.12
Tracking Error	4.59	-	3.87
Information Ratio	-0.11	-	0.06
Up Capture Ratio	76.40	-	99.69
Down Capture Ratio	77.56	-	99.11

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.09	16.59	16.45
Price/Book Ratio	2.20	1.83	2.17
Geom Avg Mkt Cap \$B	28.04	53.25	87.27
ROE	19.51	13.49	19.10

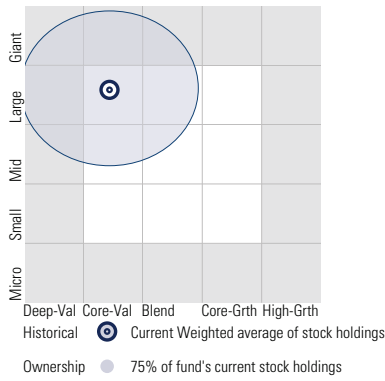
# Invesco Diversified Dividend R6 LCEFX

**Morningstar Category**  
Large Value

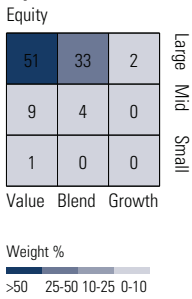
**Morningstar Index**  
Russell 1000 Value TR USD

## Style Analysis as of 06-30-2020

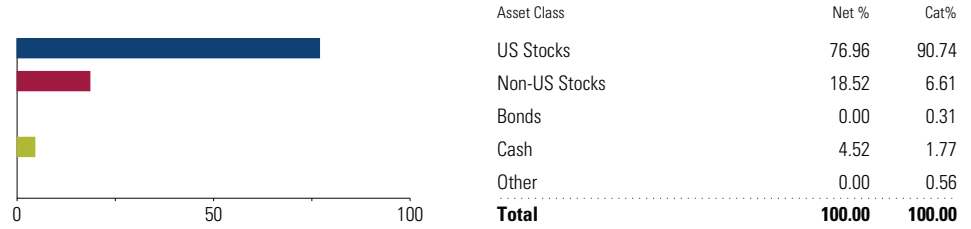
Morningstar Style Box™



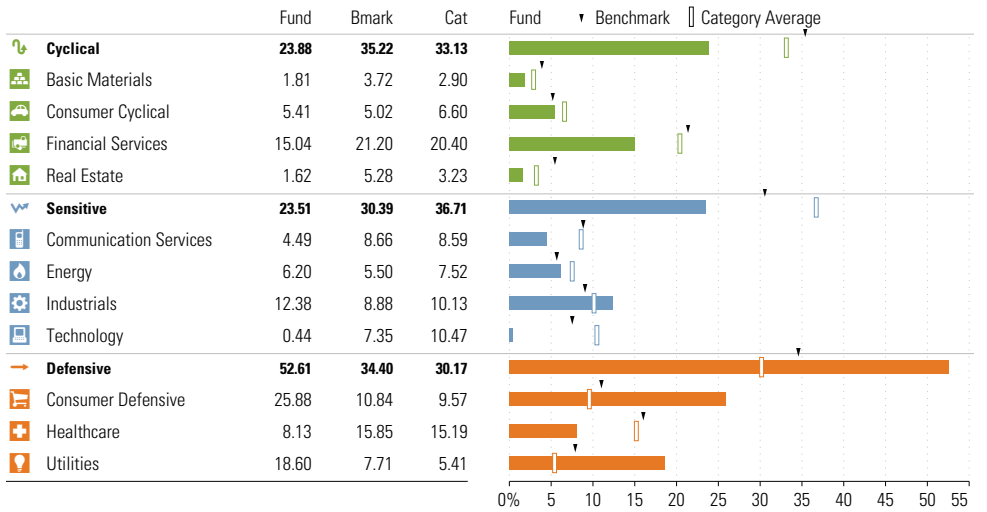
## Style Breakdown



## Asset Allocation as of 06-30-2020



## Sector Weighting as of 06-30-2020



## Top 15 Holdings as of 06-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ The Hartford Financial Services Group Inc	3.25	3.25	-35.49	Financial Services
⊖ Entergy Corp	3.20	6.45	-20.14	Utilities
General Mills Inc	3.09	9.54	16.93	Consumer Defensive
⊖ Procter & Gamble Co	2.89	12.44	-3.04	Consumer Defensive
⊖ Coca-Cola Co	2.65	15.09	-17.80	Consumer Defensive
⊖ AT&T Inc	2.64	17.73	-19.98	Communication Svc
PPL Corp	2.56	20.28	-25.67	Utilities
⊖ Dominion Energy Inc	2.42	22.71	0.29	Utilities
⊕ Citi_gl_fxgl	2.29	25.00	-	-
⊕ Citi_gl_fxgl	2.28	27.28	-	-
⊕ Rbcc_gl_fxgl	2.24	29.53	-	-
⊕ Rbcc_gl_fxgl	2.23	31.75	-	-
Exelon Corp	2.18	33.94	-18.72	Utilities
Campbell Soup Co	2.13	36.07	1.84	Consumer Defensive
M&T Bank Corp	2.12	38.19	-37.46	Financial Services

**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 5 of the 7 years it's been in existence.

✔ **Management:** The fund's management has been in place for 24.28 years.

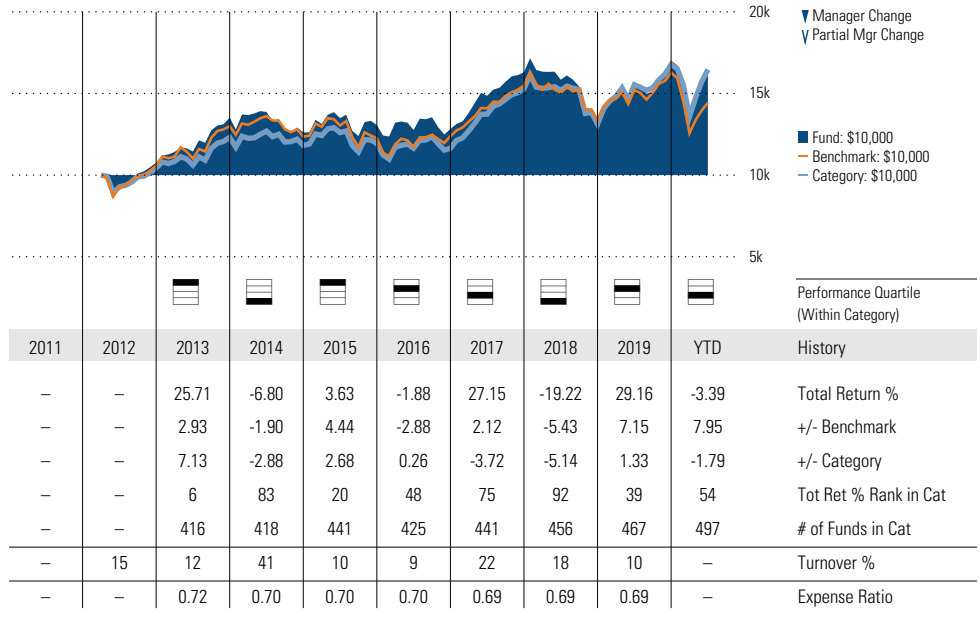
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.69 is 37.27% lower than the Foreign Large Growth category average.

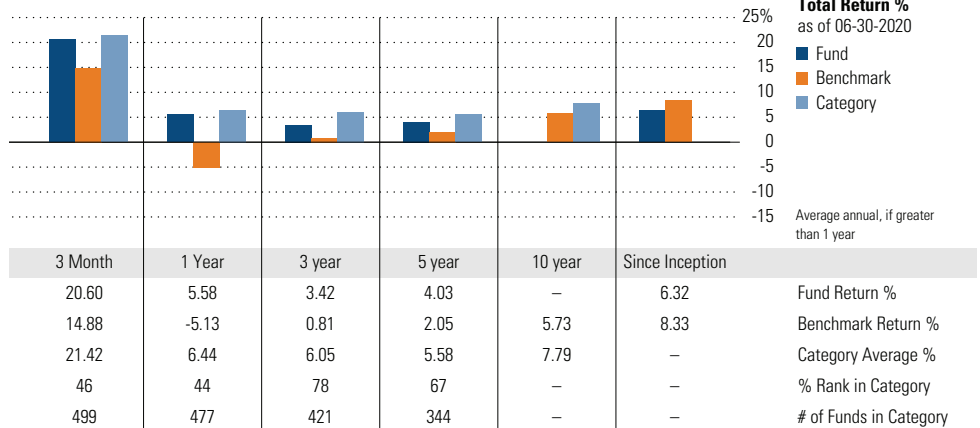
## Morningstar Investment Management LLC Analysis

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.

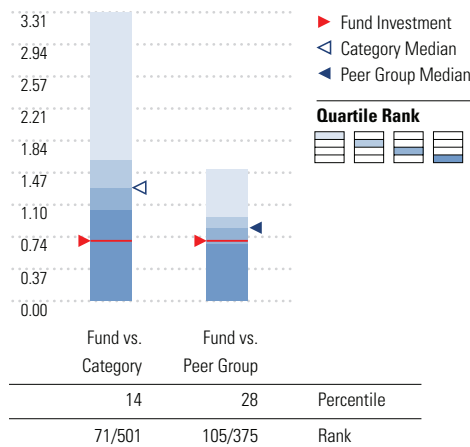
## Growth of \$10,000



## 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	2.70	-	5.28
Beta	1.04	-	0.99
R-Squared	90.36	-	-
Standard Deviation	16.63	15.17	16.07
Sharpe Ratio	0.18	0.02	0.32
Tracking Error	5.20	-	5.70
Information Ratio	0.50	-	0.92
Up Capture Ratio	108.70	-	108.68
Down Capture Ratio	96.21	-	83.60

## Portfolio Metrics

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

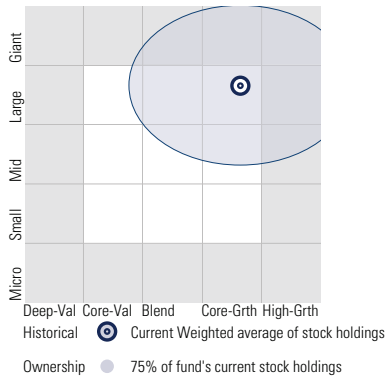
# Invesco Oppenheimer International Gr R6 OIGIX

**Morningstar Category**  
Foreign Large Growth

**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 06-30-2020

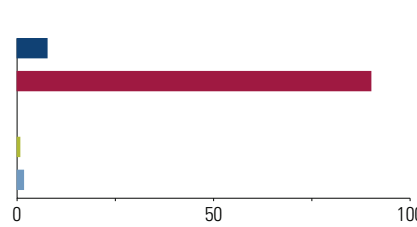
Morningstar Style Box™



## Style Breakdown

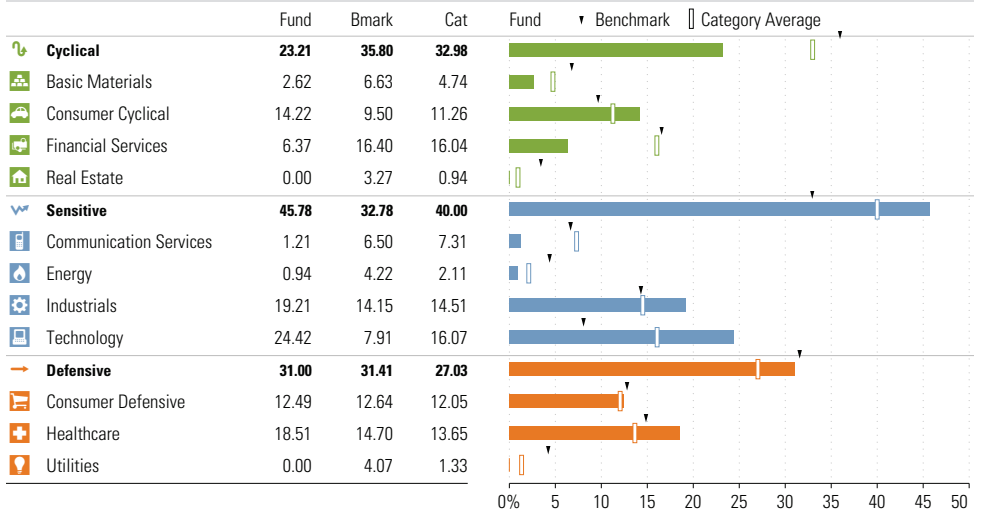


## Asset Allocation as of 06-30-2020

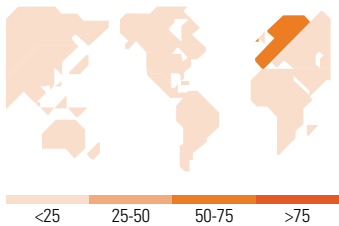


Asset Class	Net %	Cat%
US Stocks	7.63	7.26
Non-US Stocks	90.02	89.93
Bonds	0.00	0.02
Cash	0.70	2.57
Other	1.65	0.21
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2020



## World Regions % Equity 06-30-2020



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

## Top 10 Holdings as of 06-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
SAP SE	2.91	2.91	4.64	Technology
Hitachi Ltd	2.91	5.82	-25.36	Industrials
ASML Holding NV	2.81	8.63	24.48	Technology
Hermes International SA	2.77	11.39	12.33	Consumer Cyclical
STMicroelectronics NV	2.54	13.93	1.34	Technology
Grifols SA A	2.51	16.44	-14.00	Healthcare
Hoya Corp	2.50	18.94	-1.39	Healthcare
Keyence Corp	2.27	21.22	17.25	Technology
Novo Nordisk A/S B	2.19	23.41	12.44	Healthcare
Roche Holding AG Dividend Right Cert.	2.04	25.44	7.44	Healthcare

**Total Holdings 80**

⊕ 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 5 of the 7 years it's been in existence.

✔ **Management:** The fund's management has been in place for 24.28 years.

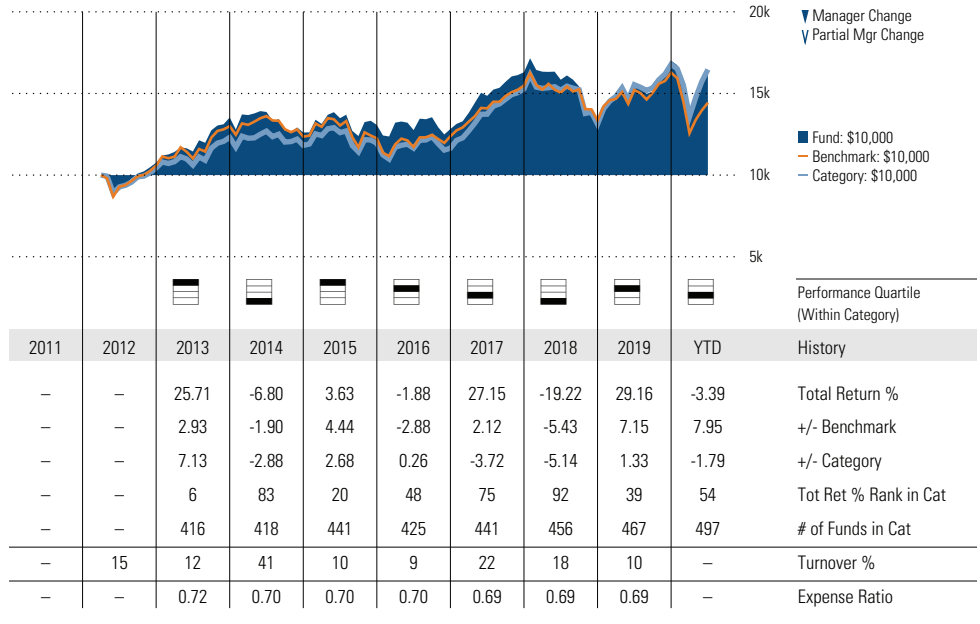
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.69 is 37.27% lower than the Foreign Large Growth category average.

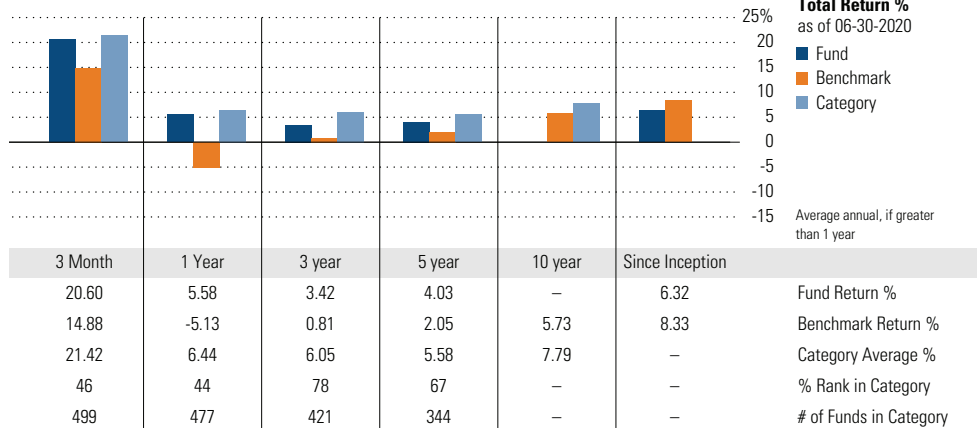
## Morningstar Investment Management LLC Analysis

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.

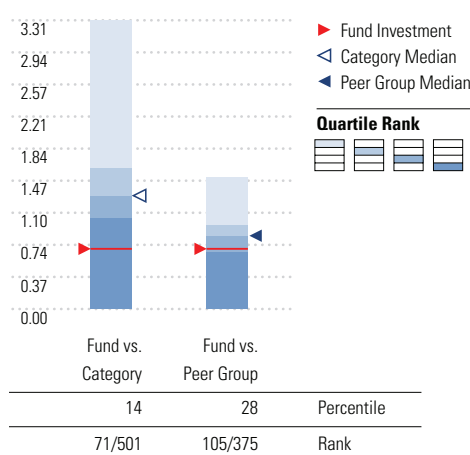
## Growth of \$10,000



## 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	2.70	-	5.28
Beta	1.04	-	0.99
R-Squared	90.36	-	-
Standard Deviation	16.63	15.17	16.07
Sharpe Ratio	0.18	0.02	0.32
Tracking Error	5.20	-	5.70
Information Ratio	0.50	-	0.92
Up Capture Ratio	108.70	-	108.68
Down Capture Ratio	96.21	-	83.60

## Portfolio Metrics

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

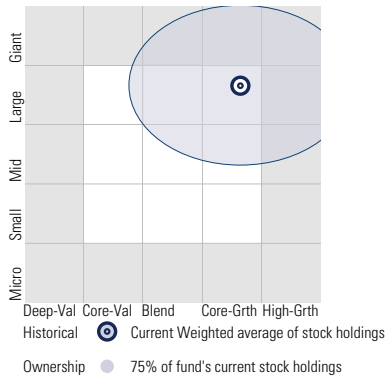
# Invesco Oppenheimer International Gr R6 OIGIX

**Morningstar Category**  
Foreign Large Growth

**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 06-30-2020

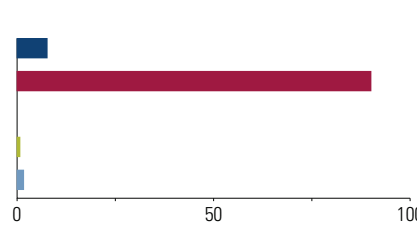
Morningstar Style Box™



## Style Breakdown

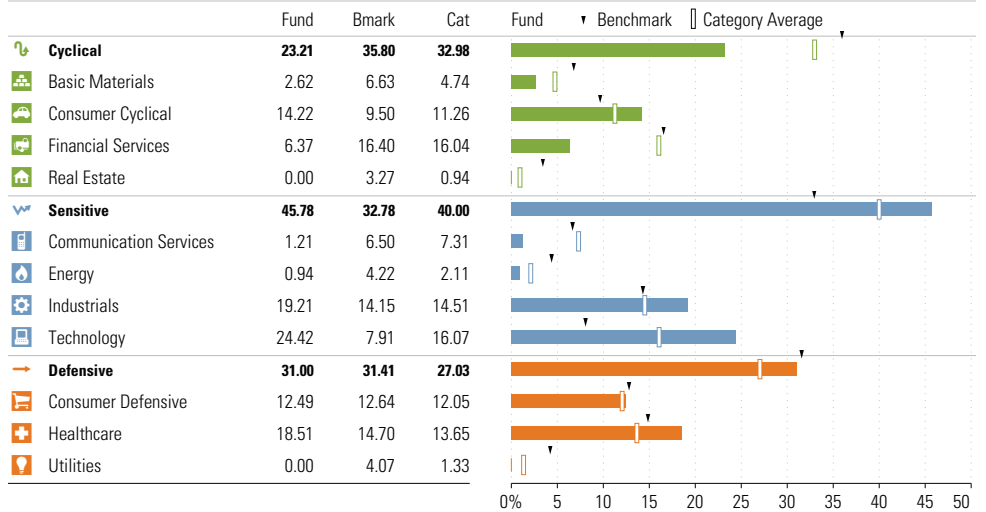


## Asset Allocation as of 06-30-2020

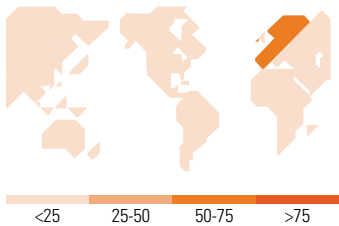


Asset Class	Net %	Cat%
US Stocks	7.63	7.26
Non-US Stocks	90.02	89.93
Bonds	0.00	0.02
Cash	0.70	2.57
Other	1.65	0.21
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2020



## World Regions % Equity 06-30-2020



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

## Top 10 Holdings as of 06-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
SAP SE	2.91	2.91	4.64	Technology
Hitachi Ltd	2.91	5.82	-25.36	Industrials
ASML Holding NV	2.81	8.63	24.48	Technology
Hermes International SA	2.77	11.39	12.33	Consumer Cyclical
STMicroelectronics NV	2.54	13.93	1.34	Technology
Grifols SA A	2.51	16.44	-14.00	Healthcare
Hoya Corp	2.50	18.94	-1.39	Healthcare
Keyence Corp	2.27	21.22	17.25	Technology
Novo Nordisk A/S B	2.19	23.41	12.44	Healthcare
Roche Holding AG Dividend Right Cert.	2.04	25.44	7.44	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 8 of the 8 years it's been in existence.

✔ **Management:** The fund's management has been in place for 18.26 years.

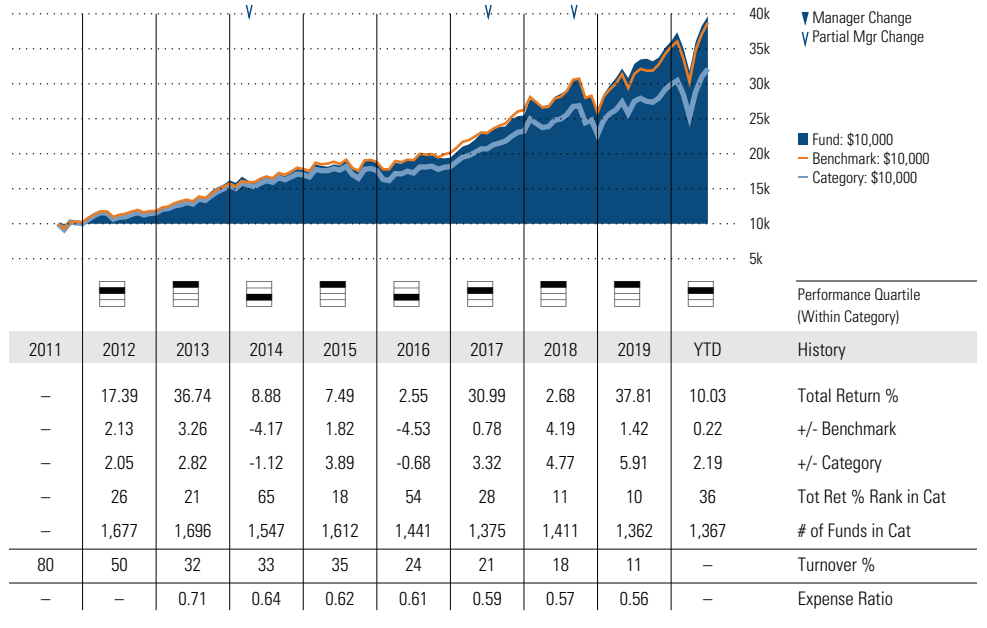
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.57 is 44.12% lower than the Large Growth category average.

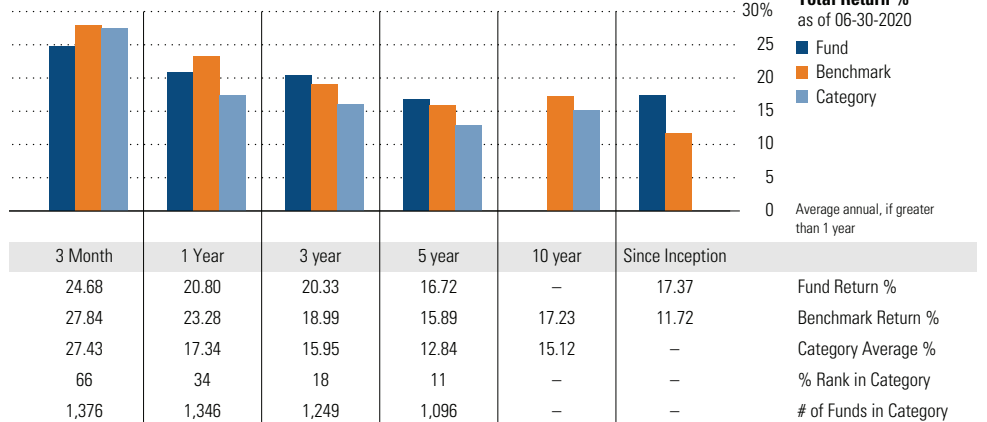
## Morningstar Investment Management LLC Analysis

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.

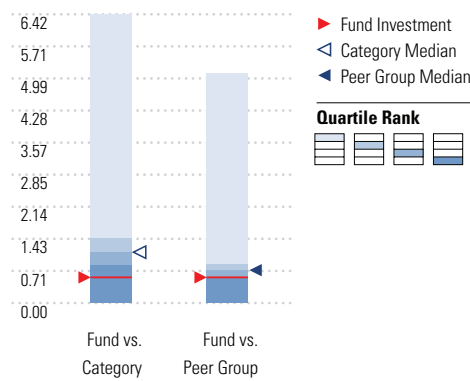
## Growth of \$10,000



## 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	2.32	-	-2.33
Beta	0.93	-	1.00
R-Squared	96.87	-	93.99
Standard Deviation	16.65	17.64	18.27
Sharpe Ratio	1.10	0.98	0.82
Tracking Error	3.20	-	4.42
Information Ratio	0.42	-	-0.78
Up Capture Ratio	96.50	-	93.78
Down Capture Ratio	86.32	-	102.09

## Portfolio Metrics

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

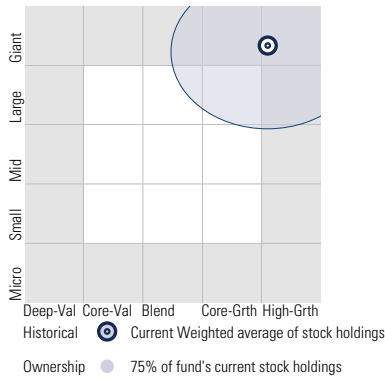
# MFS Growth R6 MFEKX

**Morningstar Category**  
Large Growth

**Morningstar Index**  
Russell 1000 Growth TR USD

## Style Analysis as of 06-30-2020

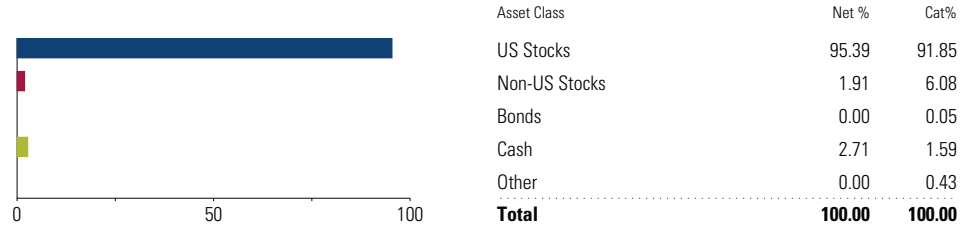
Morningstar Style Box™



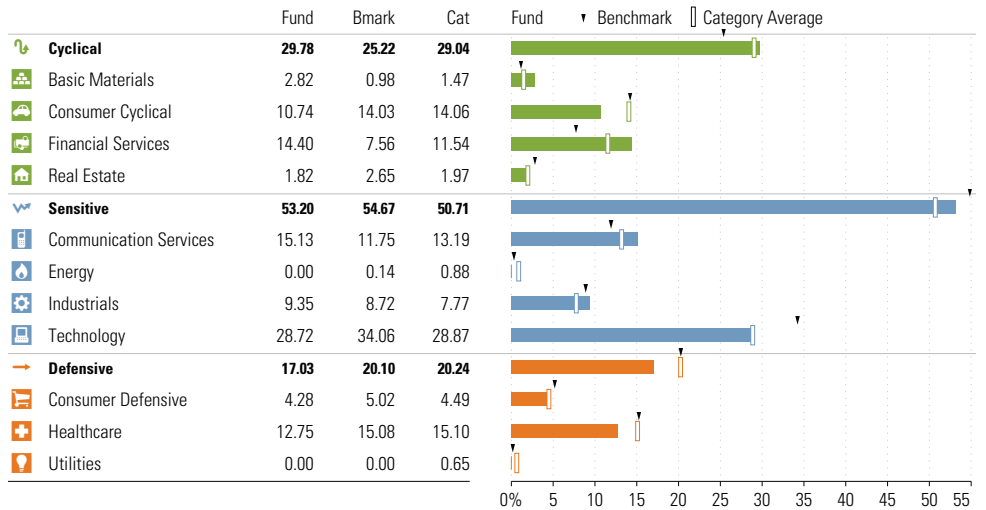
## Style Breakdown



## Asset Allocation as of 06-30-2020



## Sector Weighting as of 06-30-2020



## Top 15 Holdings as of 06-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Microsoft Corp	8.53	8.53	29.70	Technology
⊕ Amazon.com Inc	5.54	14.06	49.30	Consumer Cyclical
⊕ Adobe Inc	4.71	18.77	31.99	Technology
⊕ Visa Inc Class A	4.60	23.37	3.12	Financial Services
⊕ Alphabet Inc A	4.21	27.58	5.87	Communication Svc
⊕ Mastercard Inc A	4.11	31.69	-0.70	Financial Services
⊕ Currency Cash Cash_usd	2.71	34.39	—	—
⊕ Facebook Inc A	2.48	36.87	10.63	Communication Svc
⊕ Fiserv Inc	2.45	39.32	-15.58	Technology
⊕ Global Payments Inc	2.43	41.75	-6.87	Industrials
⊖ Thermo Fisher Scientific Inc	2.32	44.07	11.67	Healthcare
⊕ Salesforce.com Inc	2.22	46.29	15.18	Technology
⊕ Fidelity National Information Services Inc	2.00	48.29	-3.09	Technology
⊕ Netflix Inc	1.95	50.24	40.63	Communication Svc
⊕ Zoetis Inc Class A	1.90	52.14	3.85	Healthcare

**Total Holdings 74**

⊕ 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 8 of the 8 years it's been in existence.

✔ **Management:** The fund's management has been in place for 18.26 years.

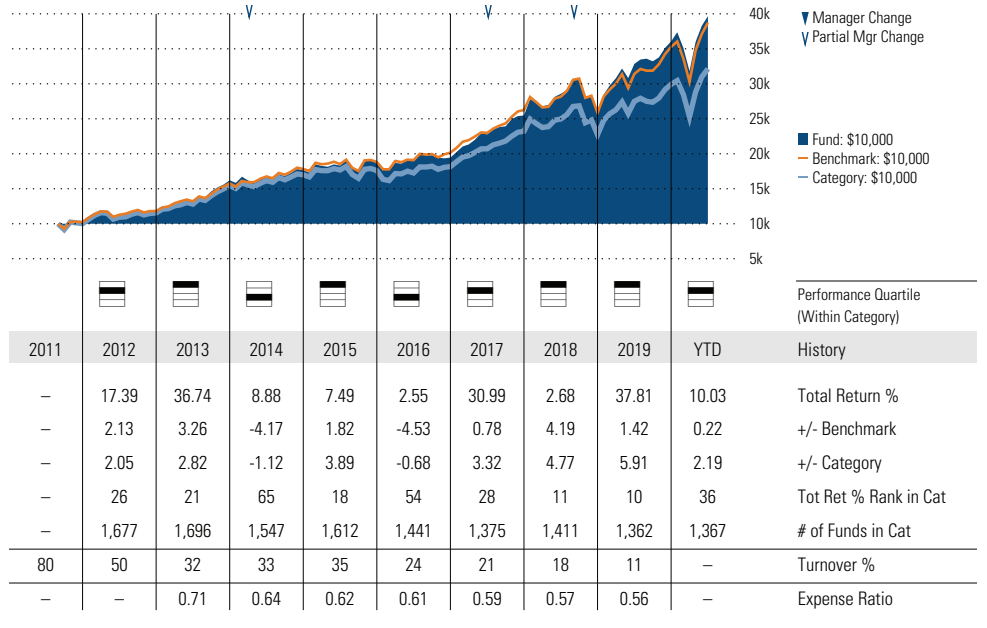
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.57 is 44.12% lower than the Large Growth category average.

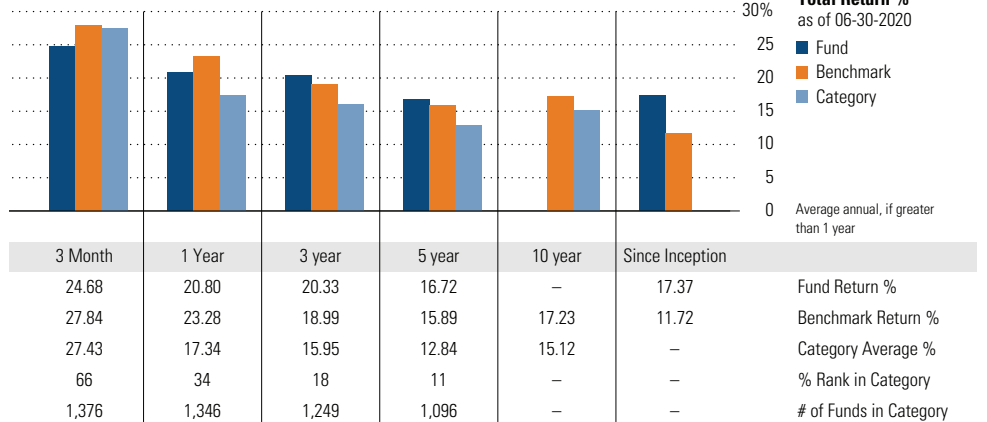
## Morningstar Investment Management LLC Analysis

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

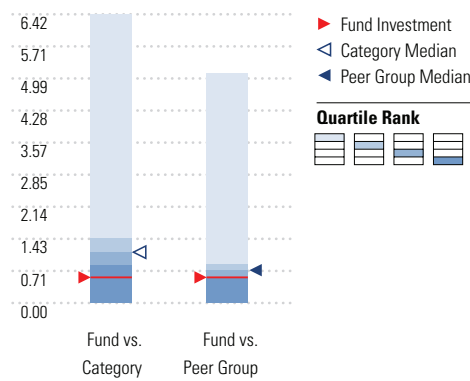
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	2.32	–	-2.33
Beta	0.93	–	1.00
R-Squared	96.87	–	93.99
Standard Deviation	16.65	17.64	18.27
Sharpe Ratio	1.10	0.98	0.82
Tracking Error	3.20	–	4.42
Information Ratio	0.42	–	-0.78
Up Capture Ratio	96.50	–	93.78
Down Capture Ratio	86.32	–	102.09

## Portfolio Metrics

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

# MFS Growth R6 MFEKX

Morningstar Category

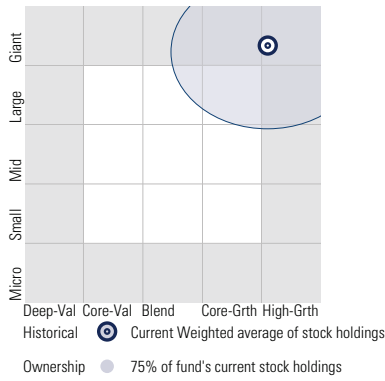
Large Growth

Morningstar Index

Russell 1000 Growth TR USD

## Style Analysis as of 06-30-2020

Morningstar Style Box™

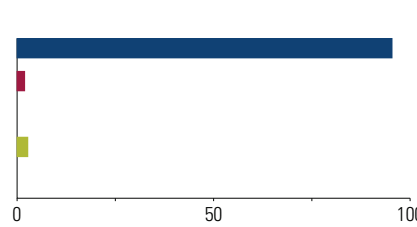


## Style Breakdown

Equity			Large Mid Small
Value	Blend	Growth	
2	20	73	
1	0	4	
0	0	0	



## Asset Allocation as of 06-30-2020



Asset Class	Net %	Cat%
US Stocks	95.39	91.85
Non-US Stocks	1.91	6.08
Bonds	0.00	0.05
Cash	2.71	1.59
Other	0.00	0.43
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>29.78</b>	<b>25.22</b>	<b>29.04</b>			
Basic Materials	2.82	0.98	1.47			
Consumer Cyclical	10.74	14.03	14.06			
Financial Services	14.40	7.56	11.54			
Real Estate	1.82	2.65	1.97			
<b>Sensitive</b>	<b>53.20</b>	<b>54.67</b>	<b>50.71</b>			
Communication Services	15.13	11.75	13.19			
Energy	0.00	0.14	0.88			
Industrials	9.35	8.72	7.77			
Technology	28.72	34.06	28.87			
<b>Defensive</b>	<b>17.03</b>	<b>20.10</b>	<b>20.24</b>			
Consumer Defensive	4.28	5.02	4.49			
Healthcare	12.75	15.08	15.10			
Utilities	0.00	0.00	0.65			

## Top 15 Holdings as of 06-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Microsoft Corp	8.53	8.53	29.70	Technology
⊕ Amazon.com Inc	5.54	14.06	49.30	Consumer Cyclical
⊕ Adobe Inc	4.71	18.77	31.99	Technology
⊕ Visa Inc Class A	4.60	23.37	3.12	Financial Services
⊕ Alphabet Inc A	4.21	27.58	5.87	Communication Svc
⊕ Mastercard Inc A	4.11	31.69	-0.70	Financial Services
⊕ Currency Cash Cash_usd	2.71	34.39	-	-
⊕ Facebook Inc A	2.48	36.87	10.63	Communication Svc
⊕ Fiserv Inc	2.45	39.32	-15.58	Technology
⊕ Global Payments Inc	2.43	41.75	-6.87	Industrials
⊖ Thermo Fisher Scientific Inc	2.32	44.07	11.67	Healthcare
⊕ Salesforce.com Inc	2.22	46.29	15.18	Technology
⊕ Fidelity National Information Services Inc	2.00	48.29	-3.09	Technology
⊕ Netflix Inc	1.95	50.24	40.63	Communication Svc
⊕ Zoetis Inc Class A	1.90	52.14	3.85	Healthcare

Total Holdings 74

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# MFS Massachusetts Investors Tr R6 MITJX

**Morningstar Category**  
Large Blend

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 16.01 years.

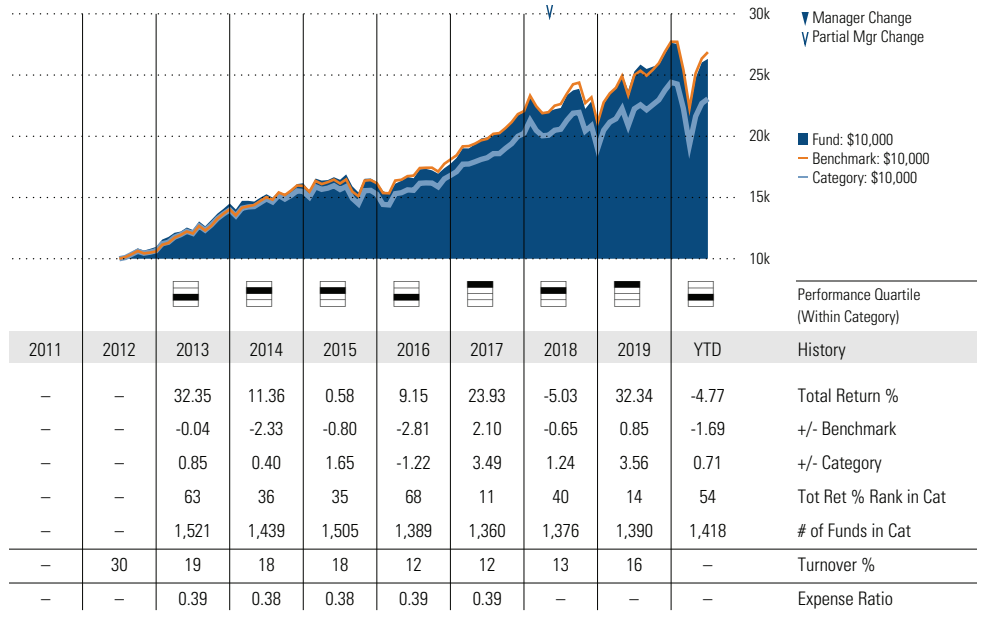
✘ **Style:** The fund has landed in its primary style box — Large Blend — 28.57 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.38 is 55.81% lower than the Large Blend category average.

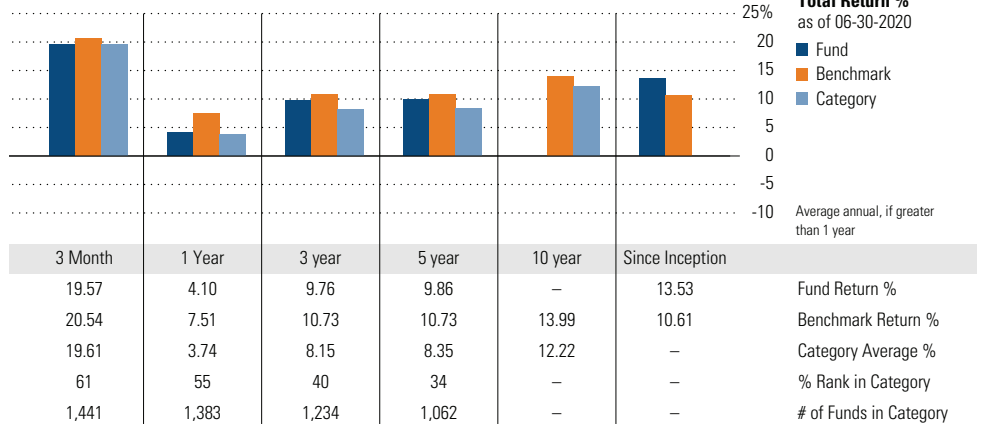
## Morningstar Investment Management LLC Analysis

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.

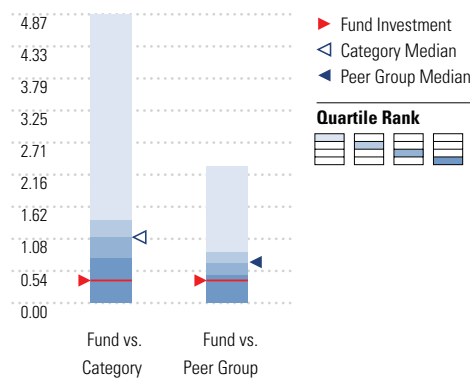
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.69	-	-2.24
Beta	0.98	-	0.98
R-Squared	98.13	-	95.63
Standard Deviation	16.78	16.95	16.91
Sharpe Ratio	0.54	0.59	0.45
Tracking Error	2.32	-	3.47
Information Ratio	-0.42	-	-1.24
Up Capture Ratio	94.98	-	91.48
Down Capture Ratio	97.27	-	100.92

## Portfolio Metrics

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

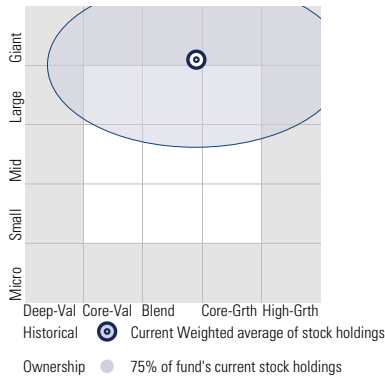
# MFS Massachusetts Investors Tr R6 MITJX

Morningstar Category  
Large Blend

Morningstar Index  
S&P 500 TR USD

## Style Analysis as of 06-30-2020

Morningstar Style Box™



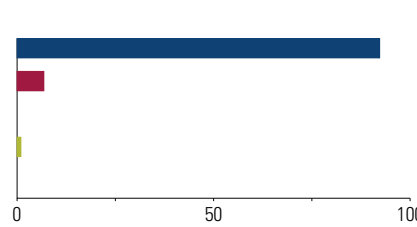
## Style Breakdown

Equity			Large Mid Small
25	35	30	
1	7	3	Large
0	0	0	Mid
0	0	0	Small

Value Blend Growth



## Asset Allocation as of 06-30-2020



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

## Sector Weighting as of 06-30-2020

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

## Top 15 Holdings as of 06-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Alphabet Inc A	3.75	3.75	5.87	Communication Svc
Microsoft Corp	3.35	7.09	29.70	Technology
JPMorgan Chase & Co	2.74	9.83	-31.23	Financial Services
Medtronic PLC	2.59	12.42	-18.18	Healthcare
Mastercard Inc A	2.59	15.01	-0.70	Financial Services
Johnson & Johnson	2.55	17.56	-2.25	Healthcare
Visa Inc Class A	2.50	20.06	3.12	Financial Services
American Tower Corp	2.34	22.40	13.45	Real Estate
Fidelity National Information Services Inc	2.27	24.67	-3.09	Technology
Bank of America Corp	2.15	26.82	-31.54	Financial Services
Thermo Fisher Scientific Inc	2.11	28.93	11.67	Healthcare
Honeywell International Inc	2.07	30.99	-17.29	Industrials
Comcast Corp Class A	1.98	32.98	-11.83	Communication Svc
Accenture PLC Class A	1.94	34.92	2.73	Technology
Becton, Dickinson and Co	1.91	36.83	-11.44	Healthcare

Total Holdings 76

⊕ 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 7 of the 7 years it's been in existence.

✔ **Management:** The fund's management has been in place for 16.01 years.

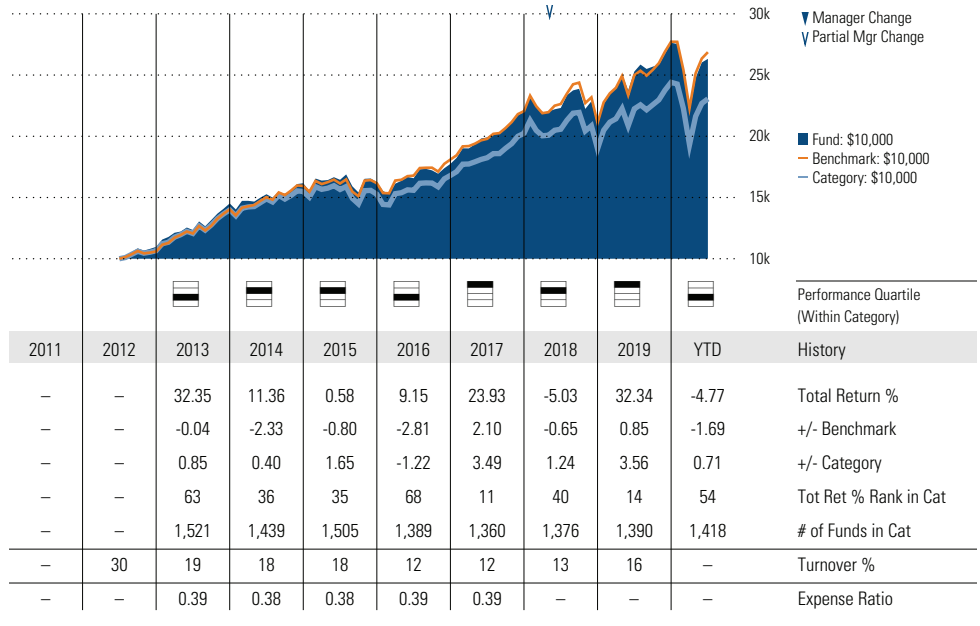
✘ **Style:** The fund has landed in its primary style box — Large Blend — 28.57 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.38 is 55.81% 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.

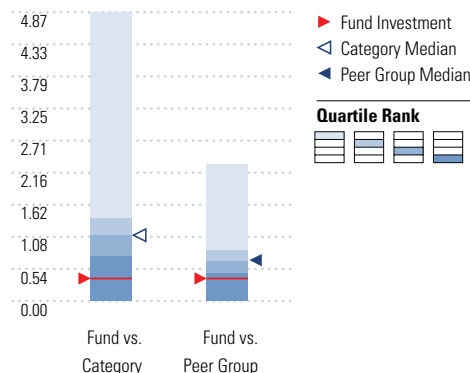
## Growth of \$10,000



## 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	-0.69	-	-2.24
Beta	0.98	-	0.98
R-Squared	98.13	-	95.63
Standard Deviation	16.78	16.95	16.91
Sharpe Ratio	0.54	0.59	0.45
Tracking Error	2.32	-	3.47
Information Ratio	-0.42	-	-1.24
Up Capture Ratio	94.98	-	91.48
Down Capture Ratio	97.27	-	100.92

## Portfolio Metrics

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

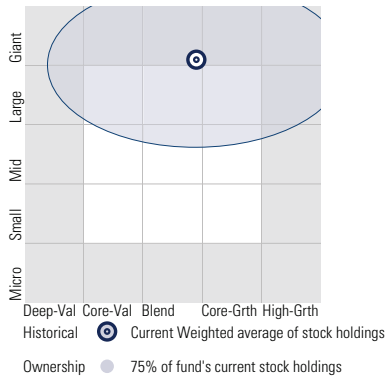
# MFS Massachusetts Investors Tr R6 MITJX

Morningstar Category  
Large Blend

Morningstar Index  
S&P 500 TR USD

## Style Analysis as of 06-30-2020

Morningstar Style Box™



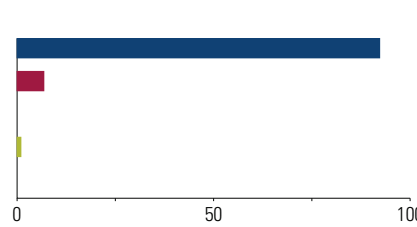
## Style Breakdown

Equity			Large Mid Small
25	35	30	
1	7	3	Large
0	0	0	Mid
0	0	0	Small

Value Blend Growth



## Asset Allocation as of 06-30-2020



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

## Sector Weighting as of 06-30-2020

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

## Top 15 Holdings as of 06-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Alphabet Inc A	3.75	3.75	5.87	Communication Svc
Microsoft Corp	3.35	7.09	29.70	Technology
JPMorgan Chase & Co	2.74	9.83	-31.23	Financial Services
Medtronic PLC	2.59	12.42	-18.18	Healthcare
Mastercard Inc A	2.59	15.01	-0.70	Financial Services
Johnson & Johnson	2.55	17.56	-2.25	Healthcare
Visa Inc Class A	2.50	20.06	3.12	Financial Services
American Tower Corp	2.34	22.40	13.45	Real Estate
Fidelity National Information Services Inc	2.27	24.67	-3.09	Technology
Bank of America Corp	2.15	26.82	-31.54	Financial Services
Thermo Fisher Scientific Inc	2.11	28.93	11.67	Healthcare
Honeywell International Inc	2.07	30.99	-17.29	Industrials
Comcast Corp Class A	1.98	32.98	-11.83	Communication Svc
Accenture PLC Class A	1.94	34.92	2.73	Technology
Becton, Dickinson and Co	1.91	36.83	-11.44	Healthcare

Total Holdings 76

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# MFS Mid Cap Growth R6 OTCKX

**Morningstar Category**  
Mid-Cap Growth

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

## Portfolio Manager(s)

Eric Fischman since 11-2008  
Paul Gordon since 05-2011

## Quantitative Screens

✔ **Performance:** The fund has finished in the Mid-Cap Growth category's top three quartiles in 6 of the 6 years it's been in existence.

✔ **Management:** The fund's management has been in place for 11.62 years.

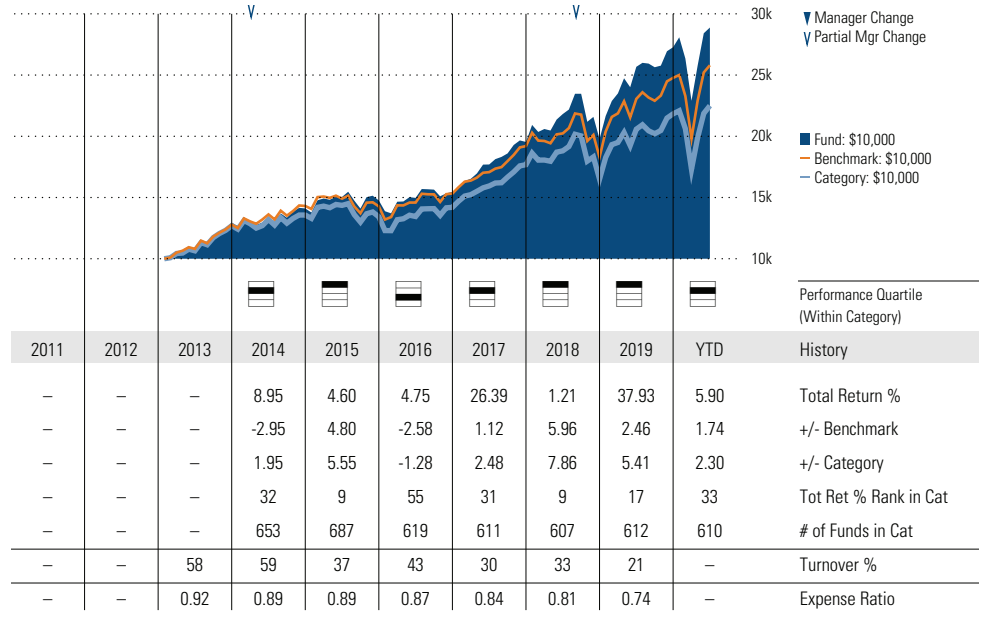
✔ **Style:** The fund has landed in its primary style box — Mid-Cap Growth — 100 % of the time over the past three years.

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

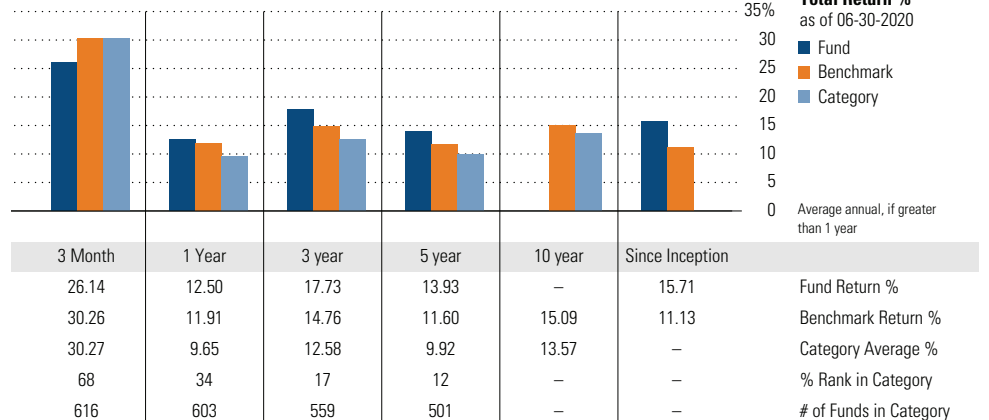
## Morningstar Investment Management LLC Analysis

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.

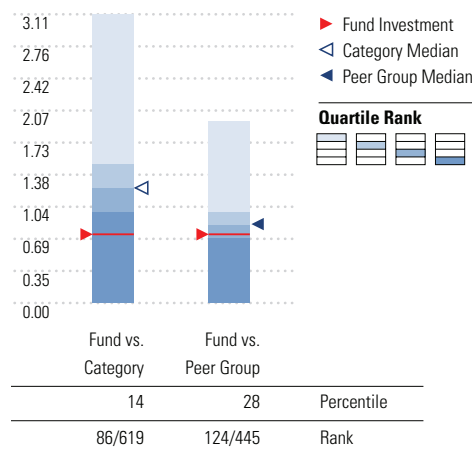
## Growth of \$10,000



## 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	4.07	-	-0.85
Beta	0.88	-	1.00
R-Squared	96.21	-	93.88
Standard Deviation	18.13	20.14	20.90
Sharpe Ratio	0.90	0.70	0.64
Tracking Error	4.24	-	5.13
Information Ratio	0.70	-	-0.38
Up Capture Ratio	96.75	-	97.76
Down Capture Ratio	81.39	-	101.35

## Portfolio Metrics

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

# MFS Mid Cap Growth R6 OTCKX

Morningstar Category

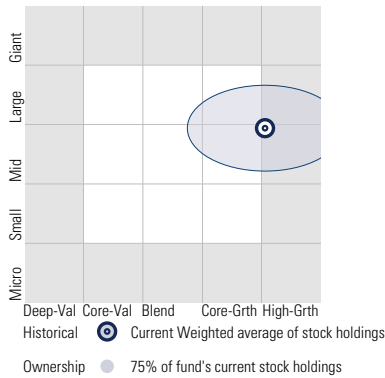
Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

## Style Analysis as of 06-30-2020

Morningstar Style Box™

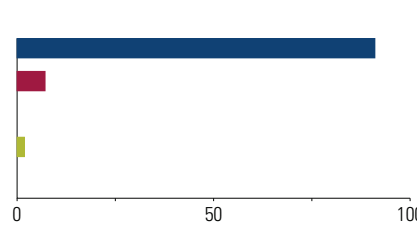


## Style Breakdown

Equity			Large Mid Small
Value	Blend	Growth	
0	6	31	Large Mid Small
1	14	46	
0	0	0	



## Asset Allocation as of 06-30-2020



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

## Sector Weighting as of 06-30-2020

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

## Top 15 Holdings as of 06-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Global Payments Inc	3.97	3.97	-6.87	Industrials
⊕ Bright Horizons Family Solutions Inc	3.75	7.72	-22.02	Consumer Cyclical
⊕ PerkinElmer Inc	2.26	9.99	1.16	Healthcare
⊕ Copart Inc	2.26	12.24	-8.43	Industrials
⊕ Verisk Analytics Inc	2.20	14.44	14.33	Industrials
⊕ Steris PLC	2.19	16.64	1.15	Healthcare
⊕ Fidelity National Information Services Inc	2.15	18.78	-3.09	Technology
⊕ MSCI Inc	2.11	20.89	29.82	Financial Services
⊕ Cadence Design Systems Inc	2.04	22.93	38.35	Technology
⊕ AMETEK Inc	2.01	24.94	-10.04	Industrials
⊕ IHS Markit Ltd	1.98	26.92	0.65	Industrials
⊕ SBA Communications Corp	1.96	28.89	24.01	Real Estate
⊕ Autodesk Inc	1.88	30.77	30.38	Technology
⊖ Fiserv Inc	1.88	32.65	-15.58	Technology
⊕ Roper Technologies Inc	1.87	34.52	9.90	Industrials

**Total Holdings 94**

⊕ 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 6 of the 6 years it's been in existence.

✔ **Management:** The fund's management has been in place for 11.62 years.

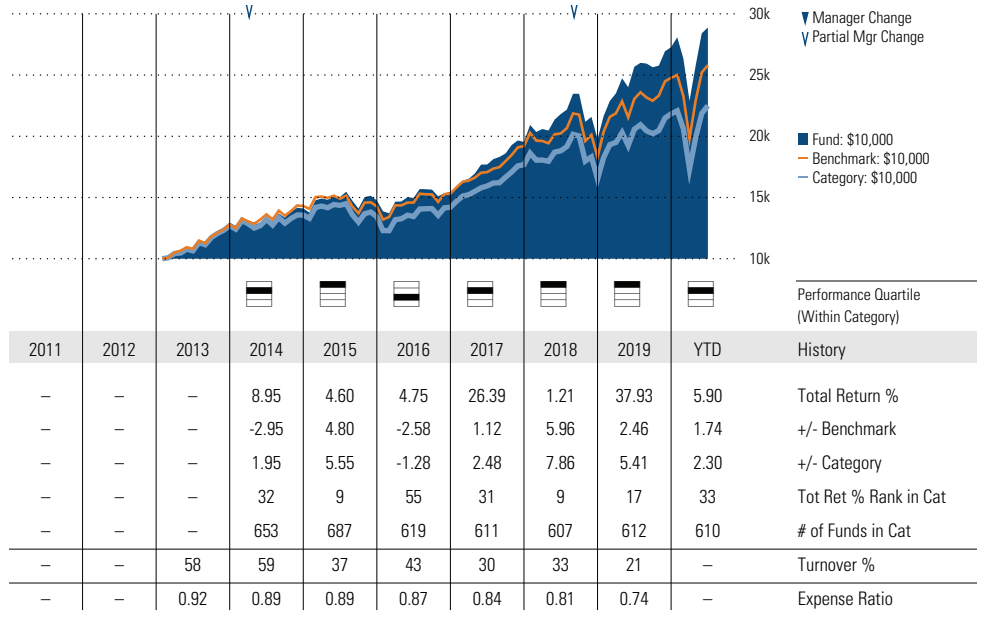
✔ **Style:** The fund has landed in its primary style box — Mid-Cap Growth — 100 % of the time over the past three years.

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

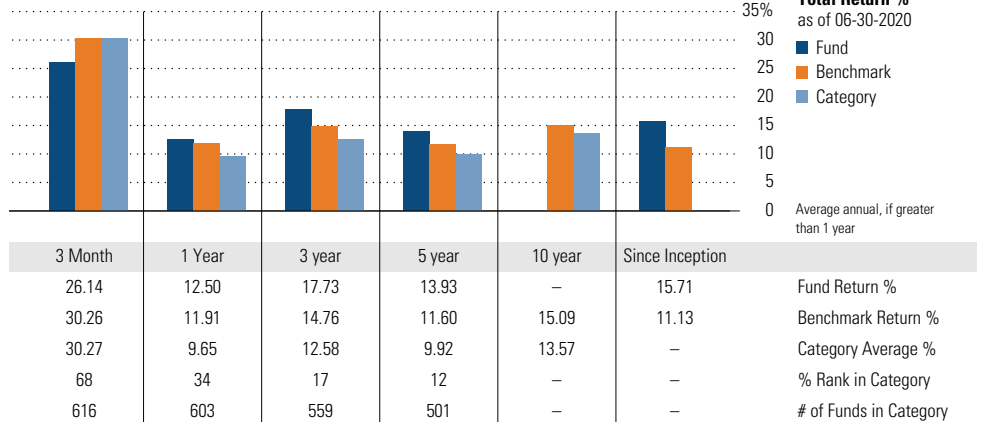
## Morningstar Investment Management LLC Analysis

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.

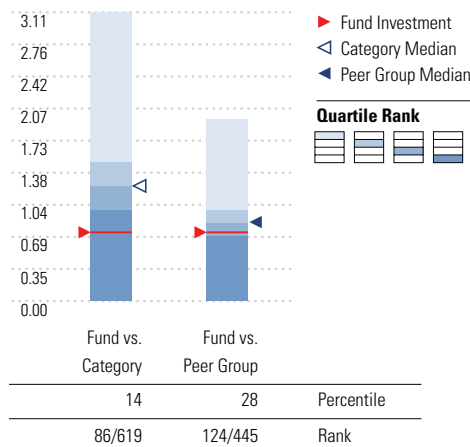
## Growth of \$10,000



## 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	4.07	-	-0.85
Beta	0.88	-	1.00
R-Squared	96.21	-	93.88
Standard Deviation	18.13	20.14	20.90
Sharpe Ratio	0.90	0.70	0.64
Tracking Error	4.24	-	5.13
Information Ratio	0.70	-	-0.38
Up Capture Ratio	96.75	-	97.76
Down Capture Ratio	81.39	-	101.35

## Portfolio Metrics

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

# MFS Mid Cap Growth R6 OTCKX

Morningstar Category

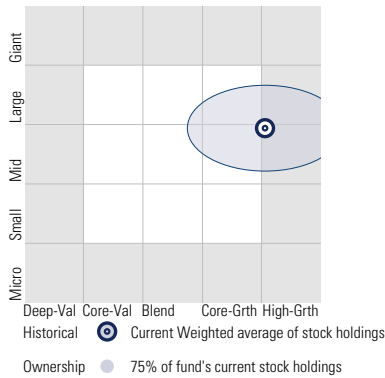
Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

## Style Analysis as of 06-30-2020

Morningstar Style Box™

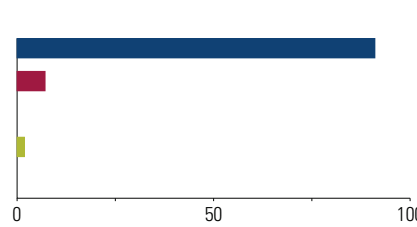


## Style Breakdown

Equity			
Value	Blend	Growth	
0	6	31	Large
1	14	46	Mid
0	0	0	Small



## Asset Allocation as of 06-30-2020



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

## Sector Weighting as of 06-30-2020

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

## Top 15 Holdings as of 06-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Global Payments Inc	3.97	3.97	-6.87	Industrials
⊕ Bright Horizons Family Solutions Inc	3.75	7.72	-22.02	Consumer Cyclical
⊕ PerkinElmer Inc	2.26	9.99	1.16	Healthcare
⊕ Copart Inc	2.26	12.24	-8.43	Industrials
⊕ Verisk Analytics Inc	2.20	14.44	14.33	Industrials
⊕ Steris PLC	2.19	16.64	1.15	Healthcare
⊕ Fidelity National Information Services Inc	2.15	18.78	-3.09	Technology
⊕ MSCI Inc	2.11	20.89	29.82	Financial Services
⊕ Cadence Design Systems Inc	2.04	22.93	38.35	Technology
⊕ AMETEK Inc	2.01	24.94	-10.04	Industrials
⊕ IHS Markit Ltd	1.98	26.92	0.65	Industrials
⊕ SBA Communications Corp	1.96	28.89	24.01	Real Estate
⊕ Autodesk Inc	1.88	30.77	30.38	Technology
⊖ Fiserv Inc	1.88	32.65	-15.58	Technology
⊕ Roper Technologies Inc	1.87	34.52	9.90	Industrials

Total Holdings 94

⊕ 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 9 years it's been in existence.

**Management:** The fund's management has been in place for 6.59 years.

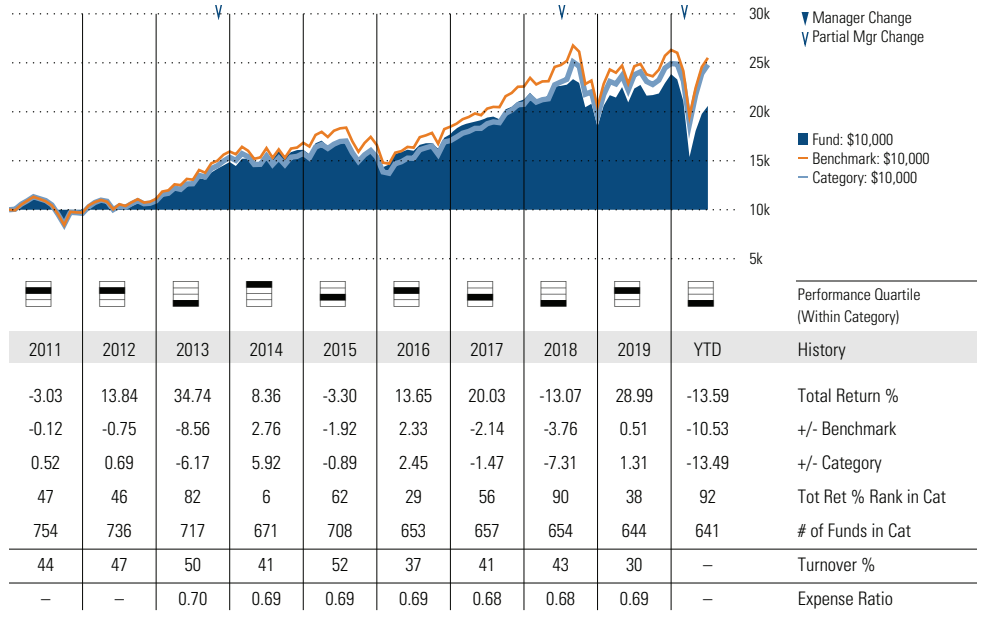
**Style:** The fund has landed in its primary style box — Small Growth — 20 % of the time over the past three years.

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

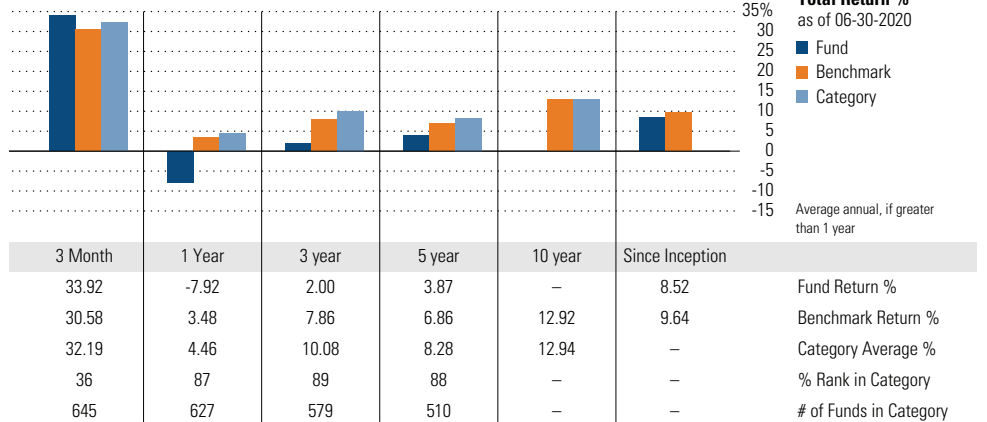
## Morningstar Investment Management LLC Analysis

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.

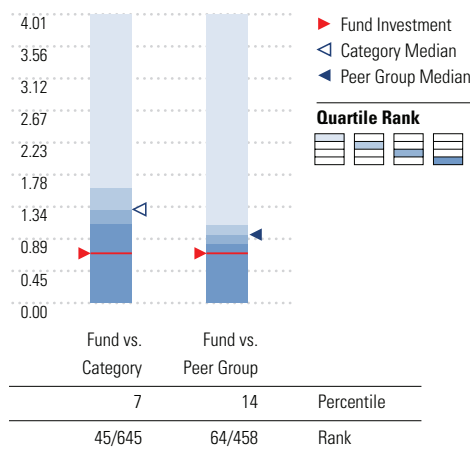
## Growth of \$10,000



## 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	-5.69	-	2.87
Beta	1.08	-	0.98
R-Squared	94.68	-	94.04
Standard Deviation	25.60	22.97	23.18
Sharpe Ratio	0.15	0.37	0.48
Tracking Error	6.21	-	5.56
Information Ratio	-0.94	-	0.46
Up Capture Ratio	94.11	-	101.65
Down Capture Ratio	114.18	-	92.04

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.87	24.72	25.39
Price/Book Ratio	2.12	3.88	3.65
Geom Avg Mkt Cap \$B	2.55	1.66	2.80
ROE	10.83	10.22	9.63

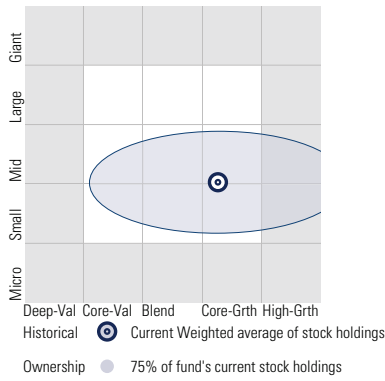
# PGIM Jennison Small Company R6 PJSQX

Morningstar Category  
Small Growth

Morningstar Index  
Russell 2000 Growth TR USD

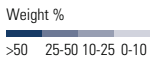
## Style Analysis as of 06-30-2020

Morningstar Style Box™

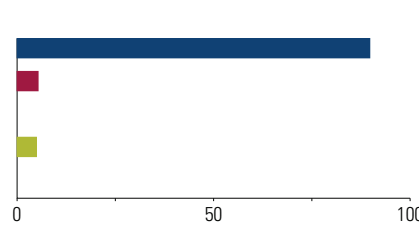


## Style Breakdown

Equity			Large Mid Small
0	2	0	
4	16	25	
11	24	17	
Value	Blend	Growth	



## Asset Allocation as of 06-30-2020



Asset Class	Net %	Cat%
US Stocks	89.74	93.70
Non-US Stocks	5.34	3.38
Bonds	0.00	0.00
Cash	4.92	2.60
Other	0.00	0.32
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>39.55</b>	<b>20.84</b>	<b>25.83</b>			
Basic Materials	6.53	3.17	2.70			
Consumer Cyclical	9.59	7.34	10.10			
Financial Services	13.15	5.97	9.40			
Real Estate	10.28	4.36	3.63			
<b>Sensitive</b>	<b>34.03</b>	<b>38.88</b>	<b>44.33</b>			
Communication Services	0.50	2.70	2.64			
Energy	1.39	0.29	1.21			
Industrials	15.45	17.92	17.75			
Technology	16.69	17.97	22.73			
<b>Defensive</b>	<b>26.42</b>	<b>40.27</b>	<b>29.84</b>			
Consumer Defensive	4.67	4.56	4.95			
Healthcare	17.85	33.86	23.77			
Utilities	3.90	1.85	1.12			

## Top 15 Holdings as of 06-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Pgim Core Ultra Short Bond Fund	5.13	5.13	-	-
⊖ Pinnacle Financial Partners Inc	2.40	7.53	-33.89	Financial Services
Summit Materials Inc A	2.38	9.92	-32.72	Basic Materials
⊖ CDW Corp	2.32	12.24	-18.13	Technology
⊖ HubSpot Inc	2.26	14.50	41.55	Technology
⊖ Saia Inc	2.16	16.66	19.39	Industrials
NextEra Energy Partners LP	2.10	18.76	-0.53	Utilities
BankUnited Inc	2.02	20.78	-43.41	Financial Services
Horizon Therapeutics PLC	1.94	22.73	53.54	Healthcare
Gaming and Leisure Properties Inc	1.93	24.66	-16.61	Real Estate
Rexnord Corp	1.88	26.54	-10.15	Industrials
Performance Food Group Co	1.72	28.26	-43.40	Consumer Defensive
Quanta Services Inc	1.67	29.94	-3.39	Industrials
Vail Resorts Inc	1.57	31.51	-23.32	Consumer Cyclical
Mobile Mini Inc	1.57	33.08	-	Industrials

**Total Holdings 123**

⊕ 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 9 years it's been in existence.

**Management:** The fund's management has been in place for 6.59 years.

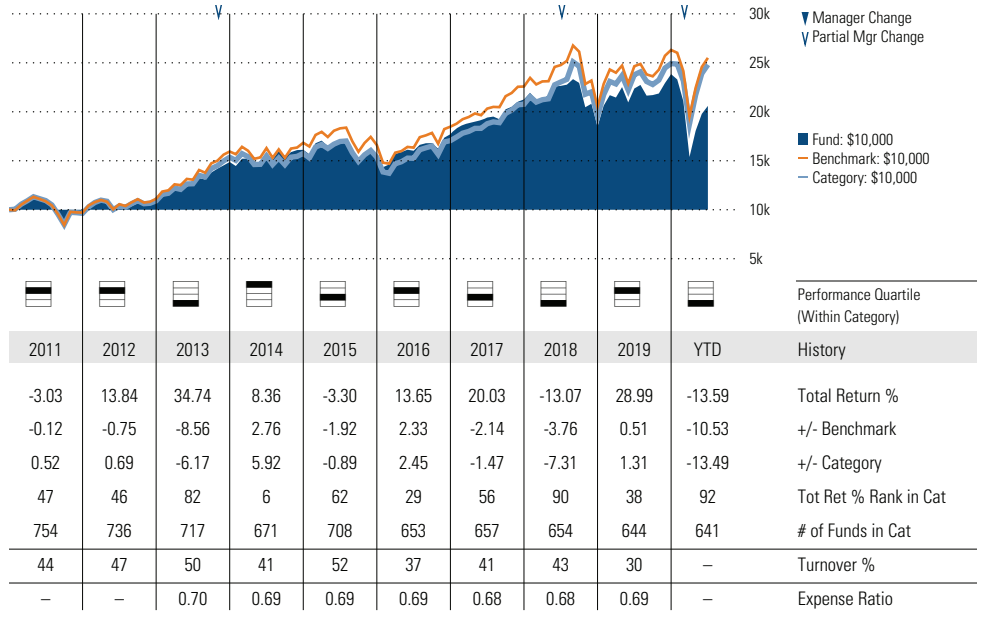
**Style:** The fund has landed in its primary style box — Small Growth — 20 % of the time over the past three years.

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

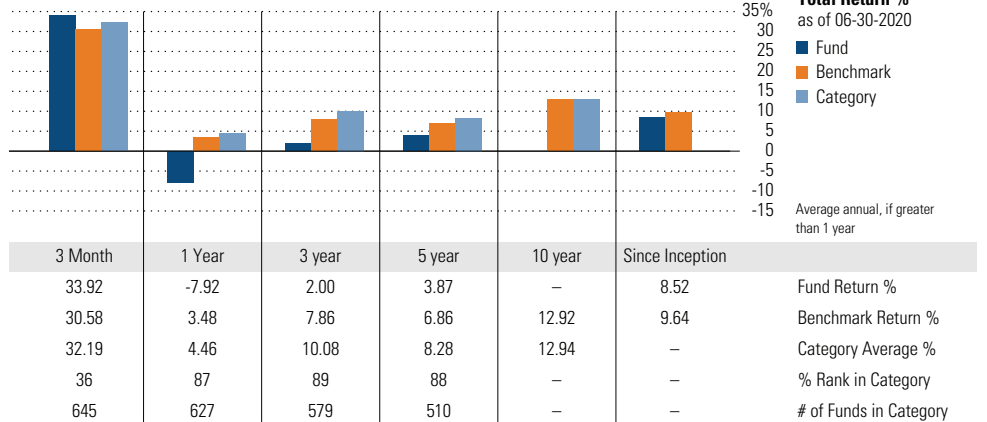
## Morningstar Investment Management LLC Analysis

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.

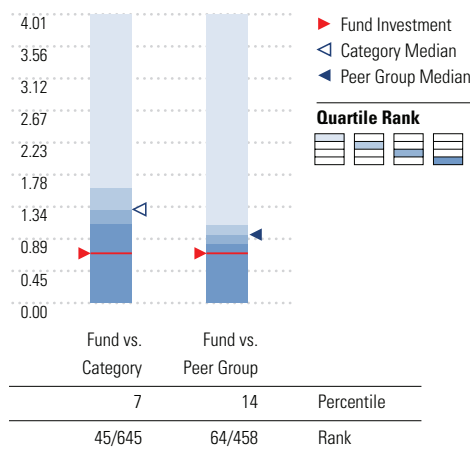
## Growth of \$10,000



## 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	-5.69	-	2.87
Beta	1.08	-	0.98
R-Squared	94.68	-	94.04
Standard Deviation	25.60	22.97	23.18
Sharpe Ratio	0.15	0.37	0.48
Tracking Error	6.21	-	5.56
Information Ratio	-0.94	-	0.46
Up Capture Ratio	94.11	-	101.65
Down Capture Ratio	114.18	-	92.04

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.87	24.72	25.39
Price/Book Ratio	2.12	3.88	3.65
Geom Avg Mkt Cap \$B	2.55	1.66	2.80
ROE	10.83	10.22	9.63

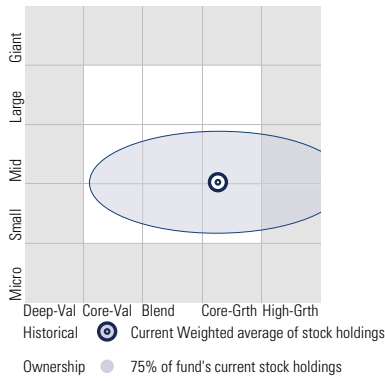
# PGIM Jennison Small Company R6 PJSQX

Morningstar Category  
Small Growth

Morningstar Index  
Russell 2000 Growth TR USD

## Style Analysis as of 06-30-2020

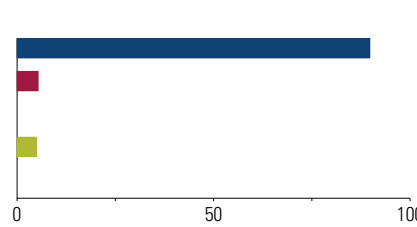
Morningstar Style Box™



## Style Breakdown

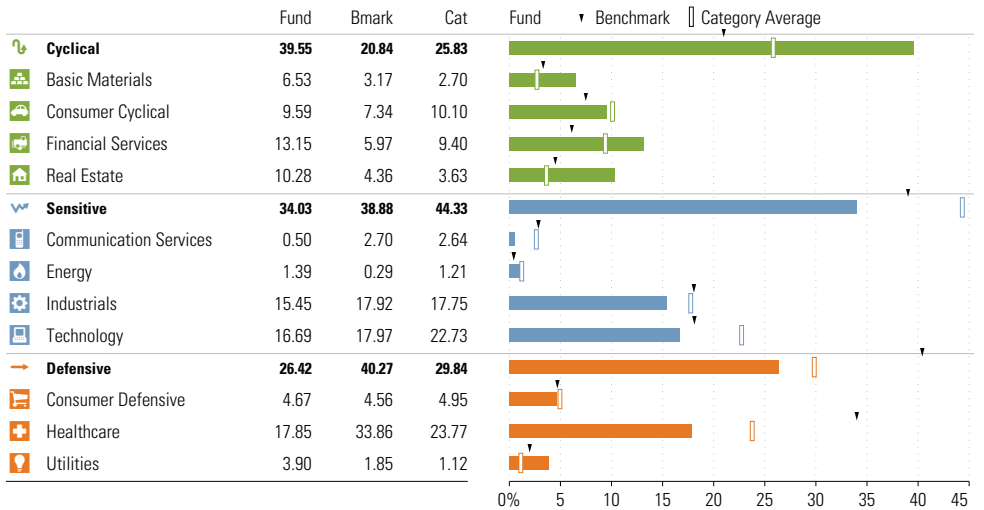


## Asset Allocation as of 06-30-2020



Asset Class	Net %	Cat%
US Stocks	89.74	93.70
Non-US Stocks	5.34	3.38
Bonds	0.00	0.00
Cash	4.92	2.60
Other	0.00	0.32
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2020



## Top 15 Holdings as of 06-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Pgim Core Ultra Short Bond Fund	5.13	5.13	-	-
⊖ Pinnacle Financial Partners Inc	2.40	7.53	-33.89	Financial Services
Summit Materials Inc A	2.38	9.92	-32.72	Basic Materials
⊖ CDW Corp	2.32	12.24	-18.13	Technology
⊖ HubSpot Inc	2.26	14.50	41.55	Technology
⊖ Saia Inc	2.16	16.66	19.39	Industrials
NextEra Energy Partners LP	2.10	18.76	-0.53	Utilities
BankUnited Inc	2.02	20.78	-43.41	Financial Services
Horizon Therapeutics PLC	1.94	22.73	53.54	Healthcare
Gaming and Leisure Properties Inc	1.93	24.66	-16.61	Real Estate
Rexnord Corp	1.88	26.54	-10.15	Industrials
Performance Food Group Co	1.72	28.26	-43.40	Consumer Defensive
Quanta Services Inc	1.67	29.94	-3.39	Industrials
Vail Resorts Inc	1.57	31.51	-23.32	Consumer Cyclical
Mobile Mini Inc	1.57	33.08	-	Industrials

Total Holdings 123

⊕ 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 5.5 years.

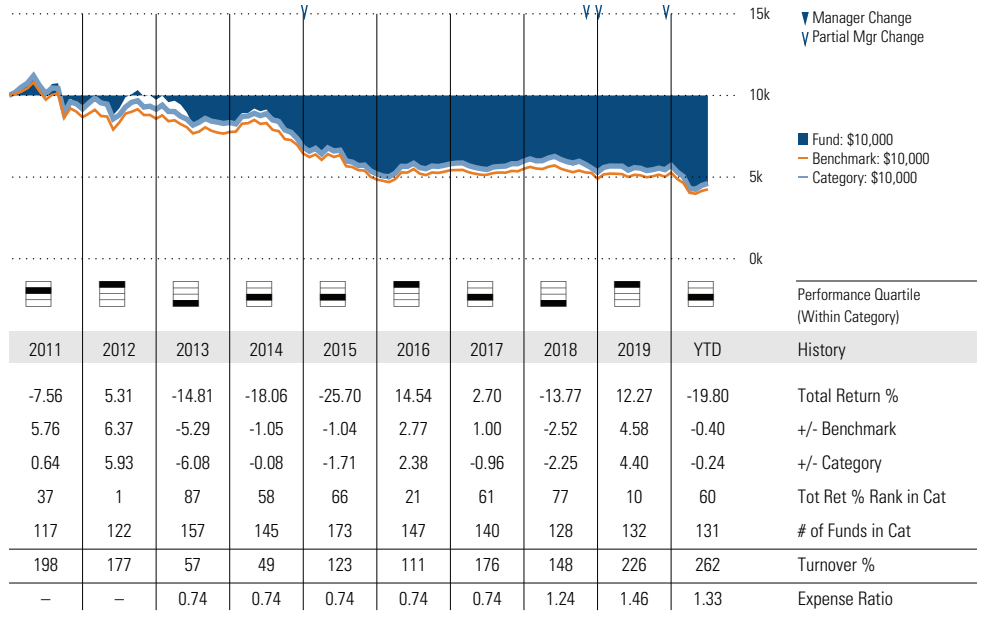
Style Consistency is not calculated for Fixed Income funds.

✘ **Net Expense:** The fund's expense ratio of 1.46 is 28.07% higher than the Commodities Broad Basket category average.

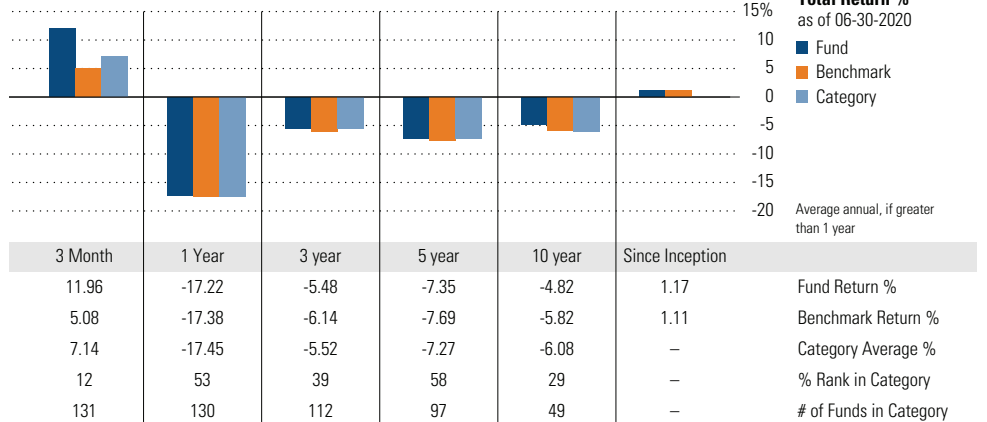
## Morningstar Investment Management LLC Analysis

This fund fails the expense screen. However, that failure is due to a new fee calculation methodology that incorporates costs that are not an additional charge to shareholders. As a result, we do not regard the failure as significant.

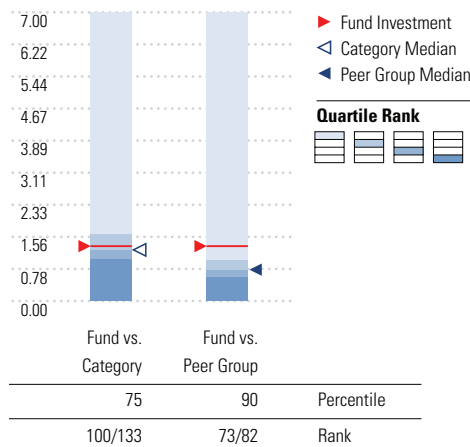
## Growth of \$10,000



## 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	2.43	-	1.84
Beta	1.23	-	1.13
R-Squared	95.50	-	84.72
Standard Deviation	15.86	12.64	15.68
Sharpe Ratio	-0.38	-0.57	-0.42
Tracking Error	4.41	-	6.72
Information Ratio	0.15	-	0.03
Up Capture Ratio	121.48	-	118.44
Down Capture Ratio	110.50	-	109.17

## Portfolio Metrics

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

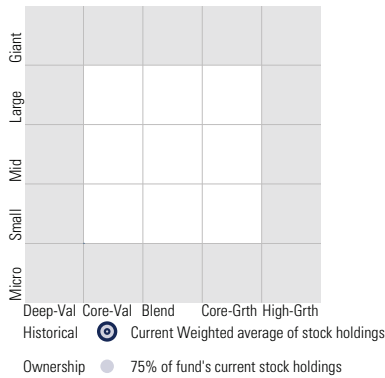
# PIMCO Commodity Real Ret Strat Instl PCRIX

**Morningstar Category**  
Commodities Broad Basket

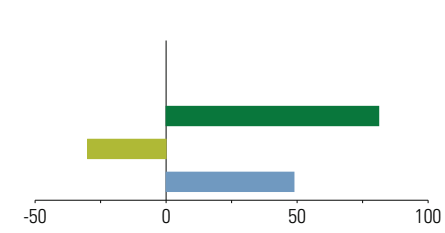
**Morningstar Index**  
Bloomberg Commodity TR USD

## Style Analysis as of 06-30-2020

Morningstar Style Box™

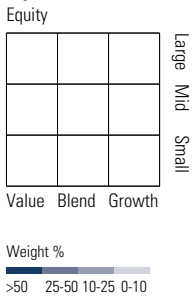


## Asset Allocation as of 06-30-2020

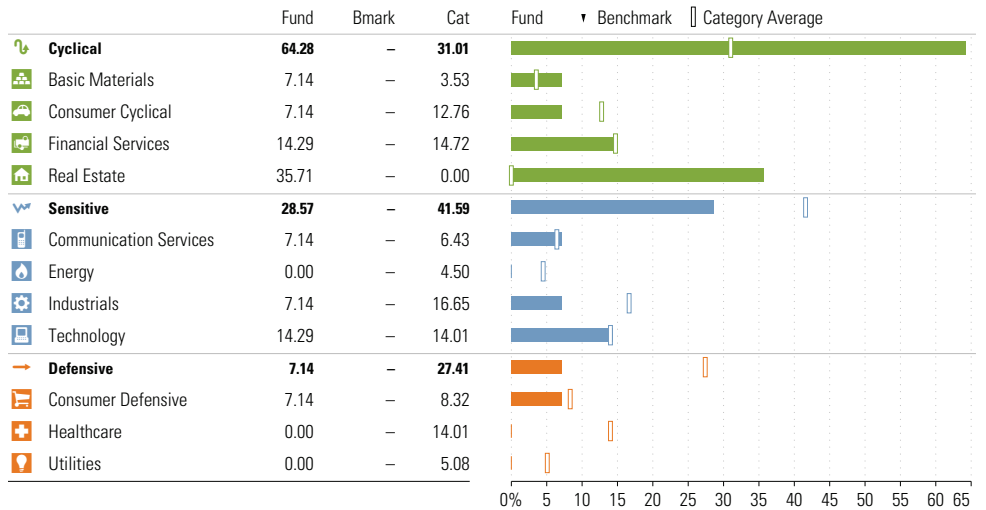


Asset Class	Net %	Cat%
US Stocks	0.00	2.73
Non-US Stocks	0.00	1.30
Bonds	81.15	22.39
Cash	-29.94	67.83
Other	48.80	5.75
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Style Breakdown



## Sector Weighting as of 06-30-2020



## Top 15 Holdings as of 06-30-2020

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

**Total Holdings 863**

⊕ Increase ⊖ Decrease ⚡ New to Portfolio

# PIMCO 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 5.5 years.

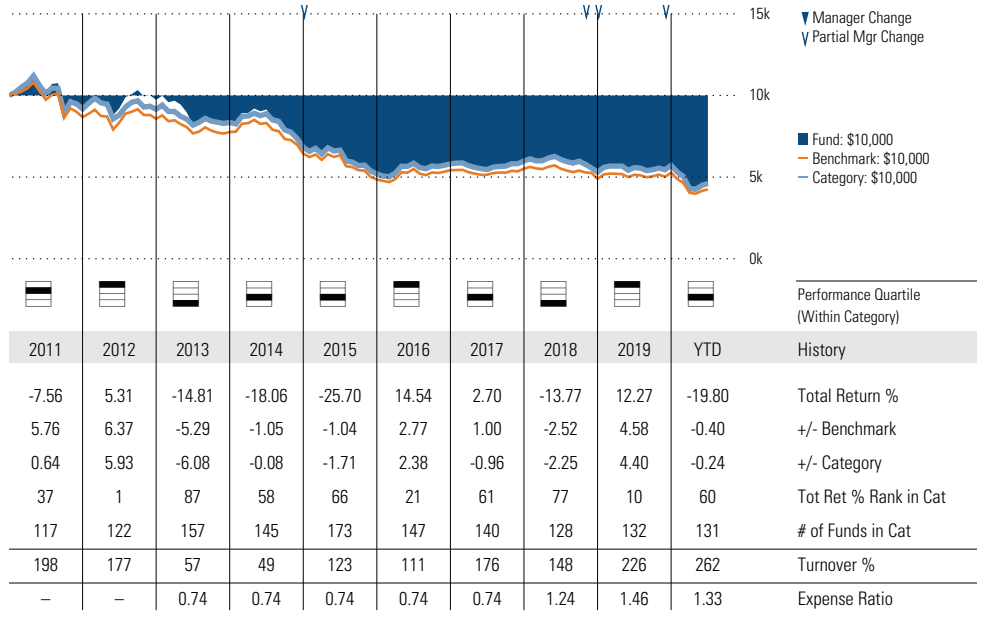
Style Consistency is not calculated for Fixed Income funds.

✘ **Net Expense:** The fund's expense ratio of 1.46 is 28.07% higher than the Commodities Broad Basket category average.

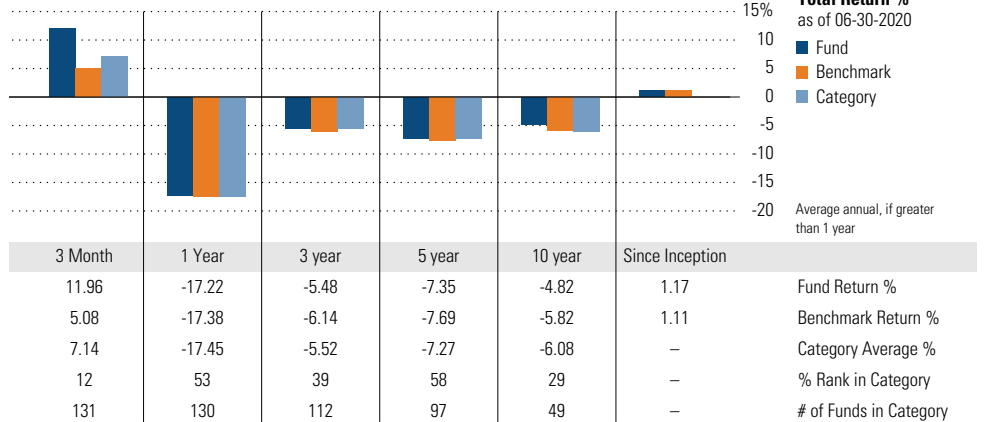
## Morningstar Investment Management LLC Analysis

This fund fails the expense screen. However, that failure is due to a new fee calculation methodology that incorporates costs that are not an additional charge to shareholders. As a result, we do not regard the failure as significant.

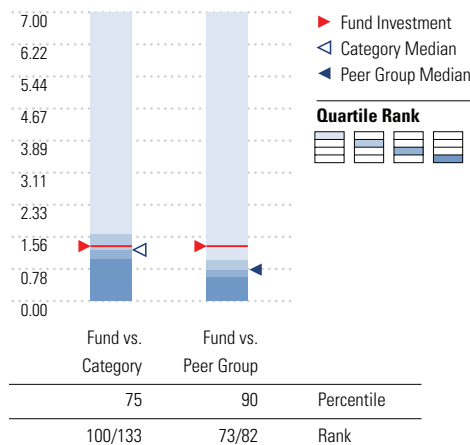
## Growth of \$10,000



## 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	2.43	-	1.84
Beta	1.23	-	1.13
R-Squared	95.50	-	84.72
Standard Deviation	15.86	12.64	15.68
Sharpe Ratio	-0.38	-0.57	-0.42
Tracking Error	4.41	-	6.72
Information Ratio	0.15	-	0.03
Up Capture Ratio	121.48	-	118.44
Down Capture Ratio	110.50	-	109.17

## Portfolio Metrics

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

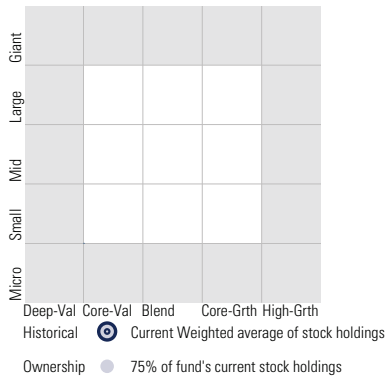
# PIMCO Commodity Real Ret Strat Instl PCRIX

**Morningstar Category**  
Commodities Broad Basket

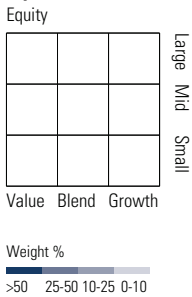
**Morningstar Index**  
Bloomberg Commodity TR USD

## Style Analysis as of 06-30-2020

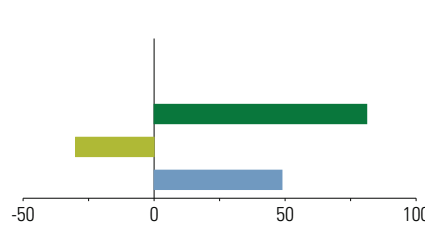
Morningstar Style Box™



## Style Breakdown

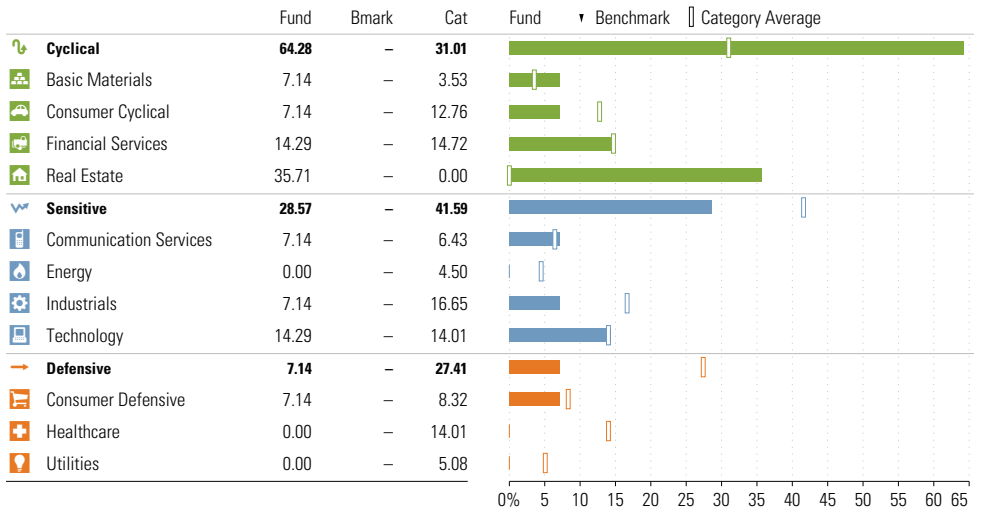


## Asset Allocation as of 06-30-2020



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

## Sector Weighting as of 06-30-2020



## Top 15 Holdings as of 06-30-2020

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

**Total Holdings 863**

⊕ Increase ⊖ Decrease ✳ New to Portfolio



# PIMCO Income Instl PIMIX

**Morningstar Category**  
Multisector Bond

**Morningstar Index**  
BBgBarc US Universal TR USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 13.26 years.

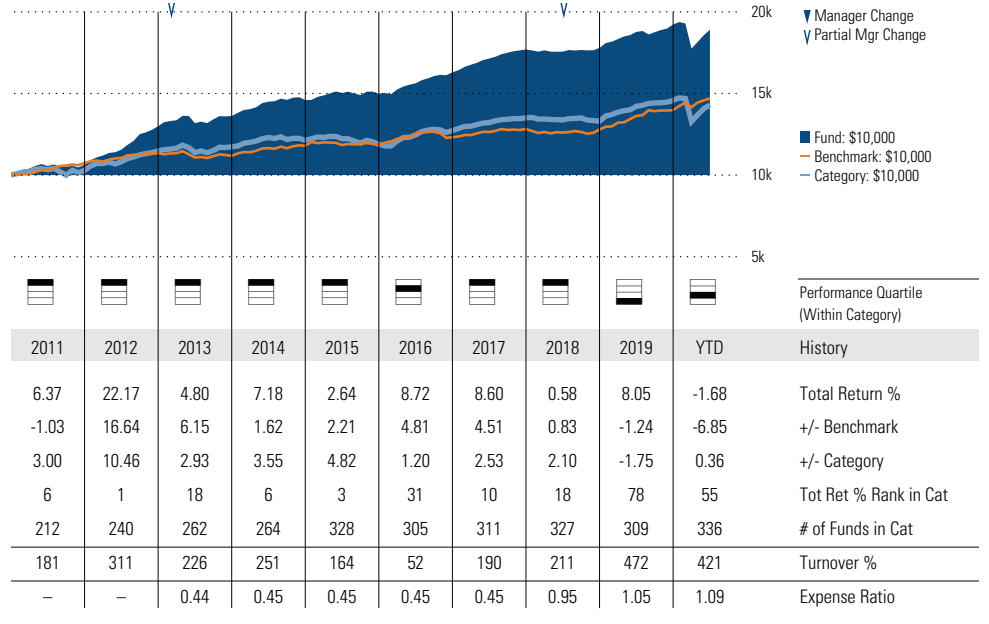
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 1.05 is 0.94% lower than the Multisector Bond category average.

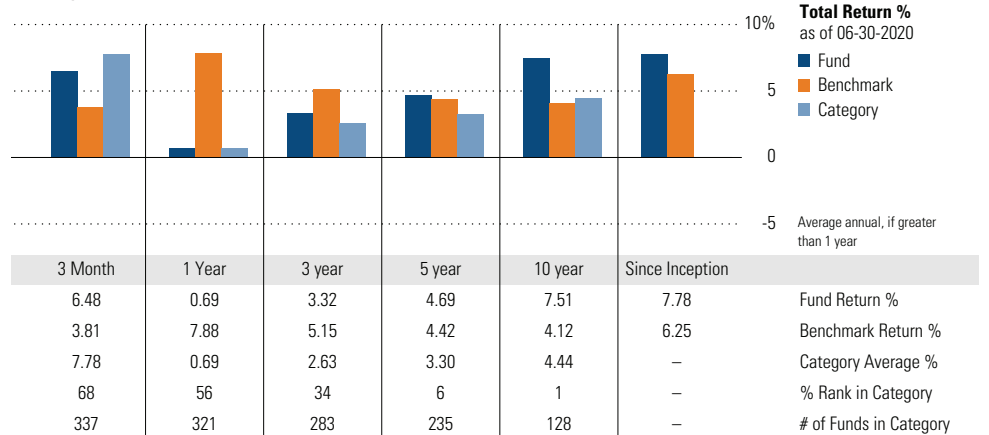
## Morningstar Investment Management LLC Analysis

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

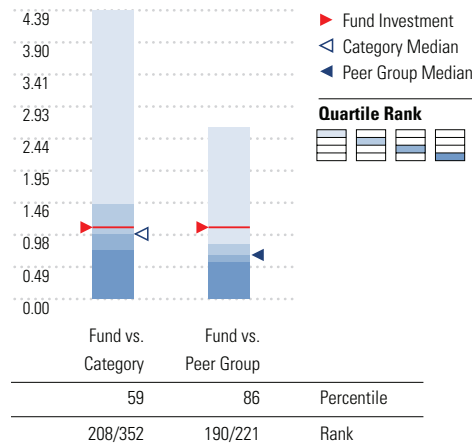
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-1.05	-	-3.60
Beta	0.88	-	1.30
R-Squared	27.32	-	35.07
Standard Deviation	5.52	3.28	7.52
Sharpe Ratio	0.32	1.04	0.21
Tracking Error	4.72	-	6.28
Information Ratio	-0.39	-	-0.41
Up Capture Ratio	78.00	-	91.41
Down Capture Ratio	106.69	-	176.64

## Portfolio Metrics

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

# PIMCO Income Instl PIMIX

**Morningstar Category**  
Multisector Bond

**Morningstar Index**  
BBgBarc US Universal TR USD

## Style Analysis as of 06-30-2020

### Style Breakdown



## Asset Allocation as of 06-30-2020



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

### Credit Rating Breakdown

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

## Sector Weighting as of 06-30-2020



## Top 10 Holdings as of 06-30-2020

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

**Total Holdings 7373**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# 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 13.26 years.

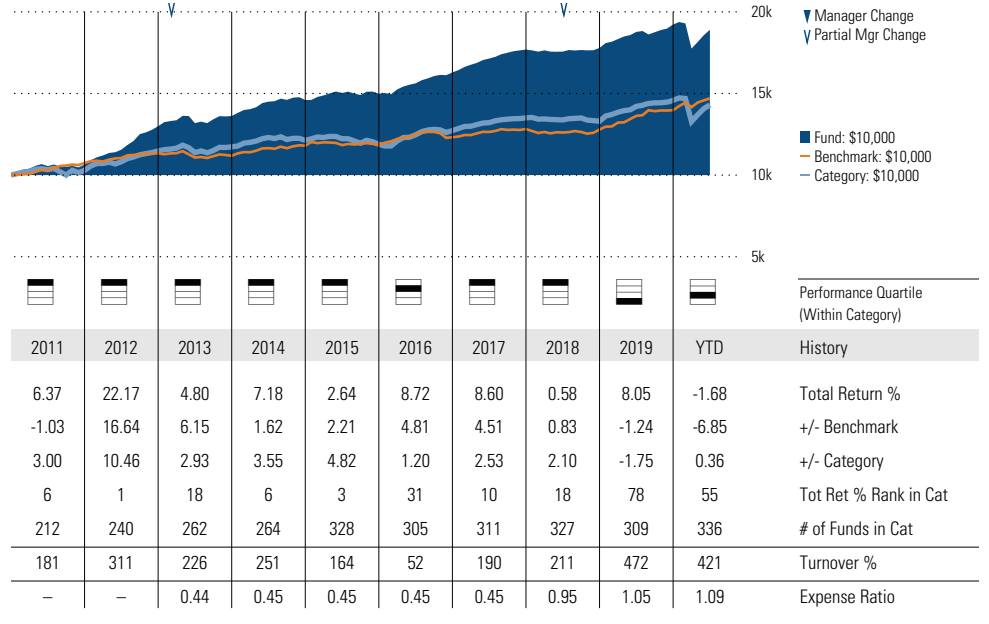
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 1.05 is 0.94% lower than the Multisector Bond category average.

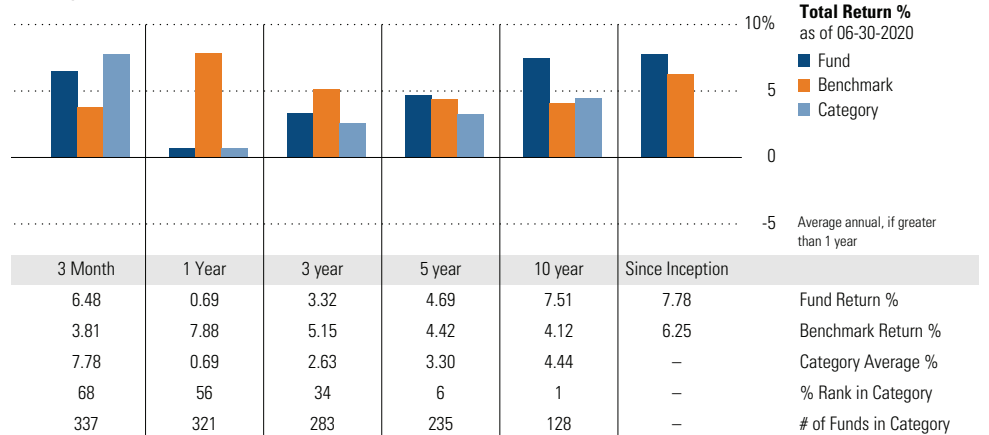
## Morningstar Investment Management LLC Analysis

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

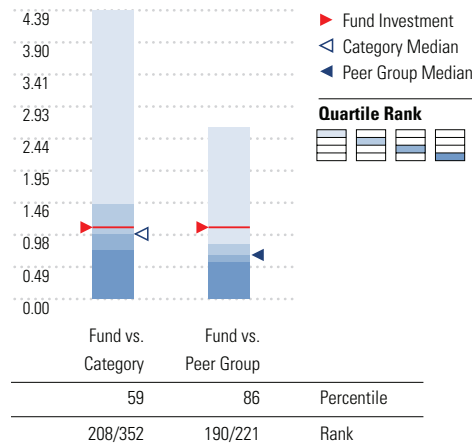
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-1.05	-	-3.60
Beta	0.88	-	1.30
R-Squared	27.32	-	35.07
Standard Deviation	5.52	3.28	7.52
Sharpe Ratio	0.32	1.04	0.21
Tracking Error	4.72	-	6.28
Information Ratio	-0.39	-	-0.41
Up Capture Ratio	78.00	-	91.41
Down Capture Ratio	106.69	-	176.64

## Portfolio Metrics

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

# PIMCO Income Instl PIMIX

**Morningstar Category**  
Multisector Bond

**Morningstar Index**  
BBgBarc US Universal TR USD

## Style Analysis as of 06-30-2020

### Style Breakdown



## Asset Allocation as of 06-30-2020



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

### Credit Rating Breakdown

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

## Sector Weighting as of 06-30-2020



## Top 10 Holdings as of 06-30-2020

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

**Total Holdings 7373**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# 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 6 years it's been in existence.

✔ **Management:** The fund's management has been in place for 18.51 years.

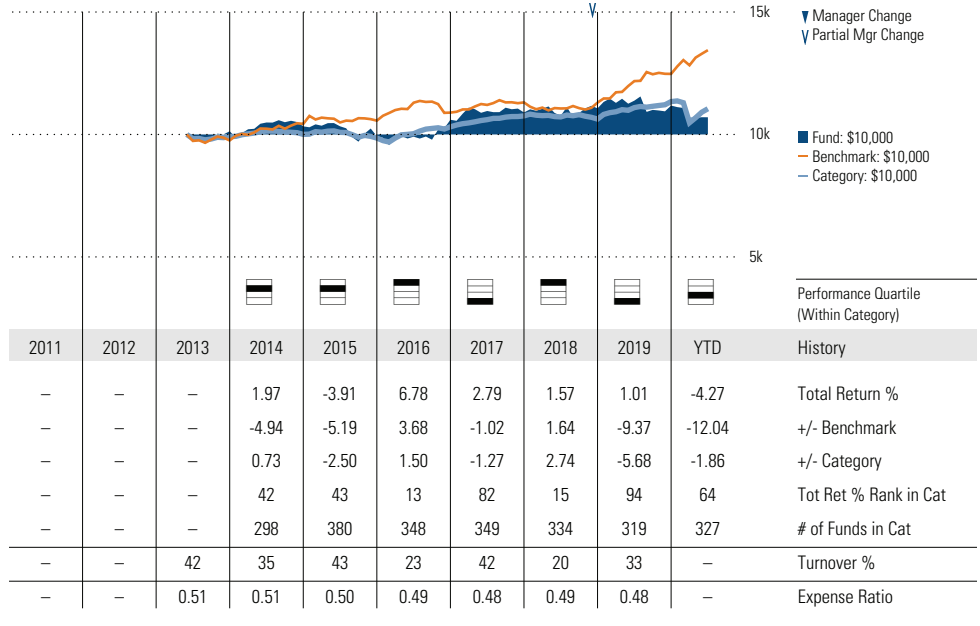
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.56 is 54.47% lower than the Nontraditional Bond category average.

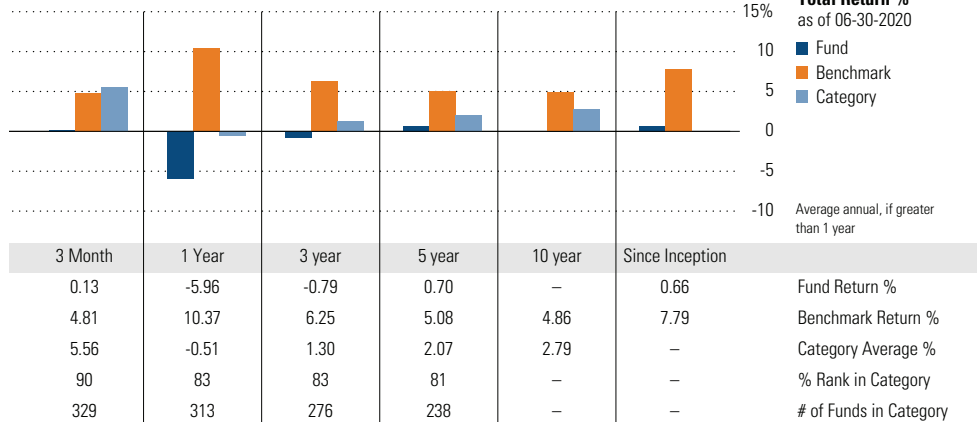
## Morningstar Investment Management LLC Analysis

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.

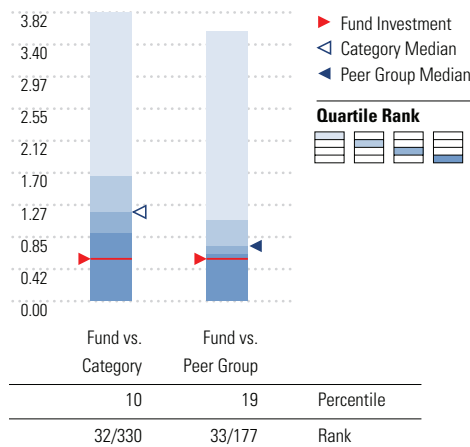
## Growth of \$10,000



## 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	2.58	-	-1.09
Beta	-0.52	-	0.42
R-Squared	11.46	-	13.61
Standard Deviation	6.23	4.09	6.40
Sharpe Ratio	-0.37	1.10	0.01
Tracking Error	8.53	-	6.76
Information Ratio	-0.82	-	-0.77
Up Capture Ratio	-29.98	-	35.00
Down Capture Ratio	-66.19	-	64.55

## Portfolio Metrics

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

# Templeton Global Bond R6 FBNRX

**Morningstar Category**  
Nontraditional Bond

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

**Style Analysis** as of 06-30-2020

**Style Breakdown**



**Asset Allocation** as of 06-30-2020



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

**Credit Rating Breakdown**

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

**Sector Weighting** as of 06-30-2020



**Top 10 Holdings** as of 06-30-2020

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

**Total Holdings 262**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# 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 6 years it's been in existence.

✔ **Management:** The fund's management has been in place for 18.51 years.

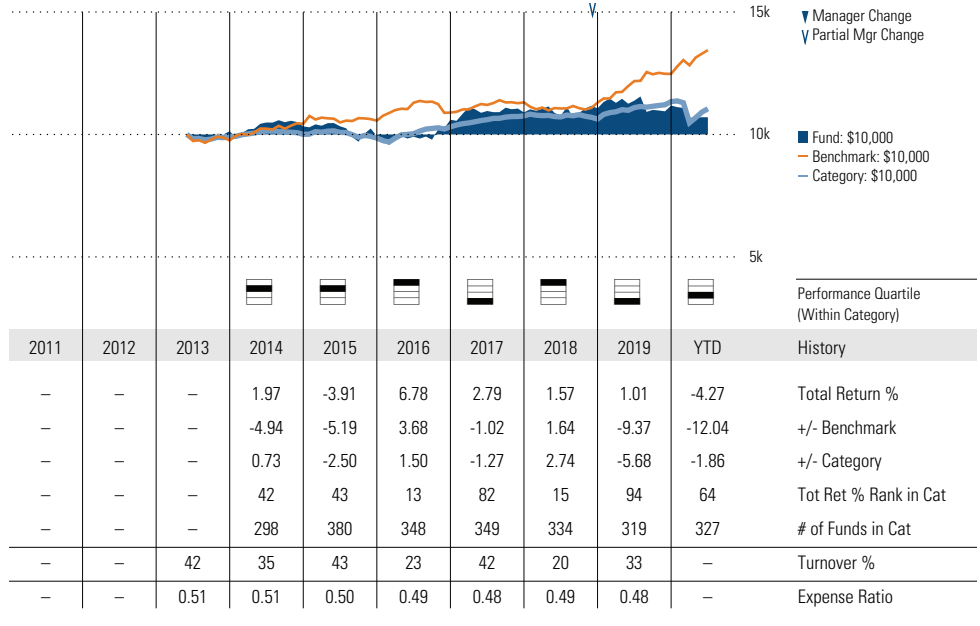
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.56 is 54.47% lower than the Nontraditional Bond category average.

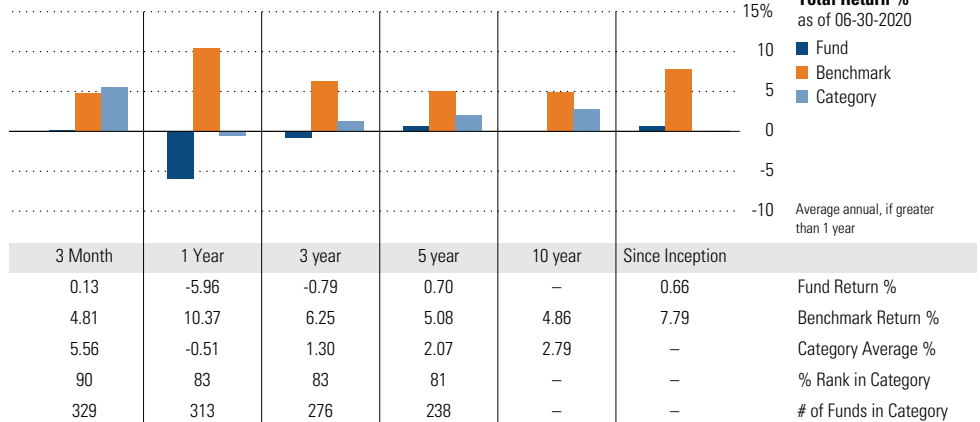
## Morningstar Investment Management LLC Analysis

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.

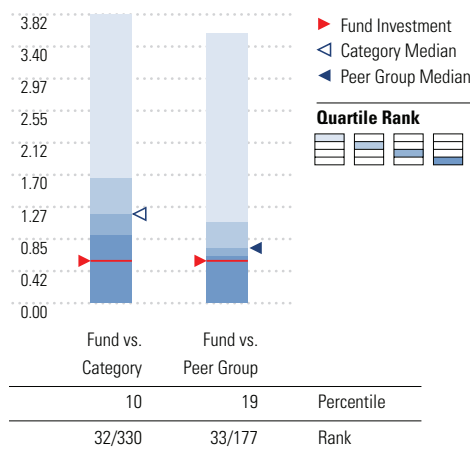
## Growth of \$10,000



## 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	2.58	-	-1.09
Beta	-0.52	-	0.42
R-Squared	11.46	-	13.61
Standard Deviation	6.23	4.09	6.40
Sharpe Ratio	-0.37	1.10	0.01
Tracking Error	8.53	-	6.76
Information Ratio	-0.82	-	-0.77
Up Capture Ratio	-29.98	-	35.00
Down Capture Ratio	-66.19	-	64.55

## Portfolio Metrics

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

# Templeton Global Bond R6 FBNRX

**Morningstar Category**  
Nontraditional Bond

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

**Style Analysis** as of 06-30-2020

**Style Breakdown**



**Asset Allocation** as of 06-30-2020



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

**Credit Rating Breakdown**

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

**Sector Weighting** as of 06-30-2020



**Top 10 Holdings** as of 06-30-2020

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

**Total Holdings 262**

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# Vanguard 500 Index Admiral VFIAX

**Morningstar Category**  
Large Blend

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

## Portfolio Manager(s)

Donald Butler since 04-2016

Michelle Louie since 11-2017

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 4.18 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 95.35% lower than the Large Blend category average.

## Morningstar Investment Management LLC Analysis

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

## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.03	-	-2.24
Beta	1.00	-	0.98
R-Squared	100.00	-	95.63
Standard Deviation	16.95	16.95	16.91
Sharpe Ratio	0.59	0.59	0.45
Tracking Error	0.01	-	3.47
Information Ratio	-3.43	-	-1.24
Up Capture Ratio	99.92	-	91.48
Down Capture Ratio	100.06	-	100.92

## Portfolio Metrics

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

# Vanguard 500 Index Admiral VFIAX

Morningstar Category  
Large Blend

Morningstar Index  
S&P 500 TR USD

## Style Analysis as of 06-30-2020

Morningstar Style Box™



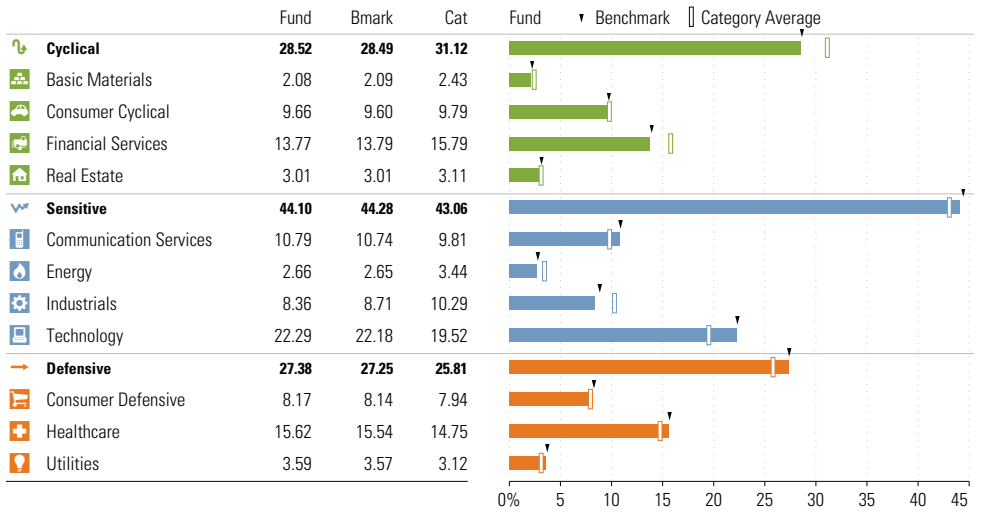
## Style Breakdown



## Asset Allocation as of 06-30-2020



## Sector Weighting as of 06-30-2020



## Top 15 Holdings as of 06-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Microsoft Corp	5.58	5.58	29.70	Technology
⊕ Apple Inc	4.93	10.51	24.77	Technology
⊕ Amazon.com Inc	3.77	14.28	49.30	Consumer Cyclical
⊕ Facebook Inc A	1.86	16.14	10.63	Communication Svc
⊕ Berkshire Hathaway Inc B	1.62	17.76	-21.19	Financial Services
⊕ Alphabet Inc Class C	1.62	19.37	5.73	Communication Svc
⊕ Alphabet Inc A	1.61	20.99	5.87	Communication Svc
⊕ Johnson & Johnson	1.60	22.59	-2.25	Healthcare
⊕ Visa Inc Class A	1.28	23.87	3.12	Financial Services
⊕ Procter & Gamble Co	1.27	25.14	-3.04	Consumer Defensive
⊖ JPMorgan Chase & Co	1.24	26.38	-31.23	Financial Services
⊕ UnitedHealth Group Inc	1.10	27.48	1.12	Healthcare
⊕ Intel Corp	1.09	28.57	1.07	Technology
⊕ Verizon Communications Inc	1.03	29.60	-8.21	Communication Svc
⊕ Mastercard Inc A	1.00	30.60	-0.70	Financial Services

**Total Holdings 514**

⊕ 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 4.18 years.

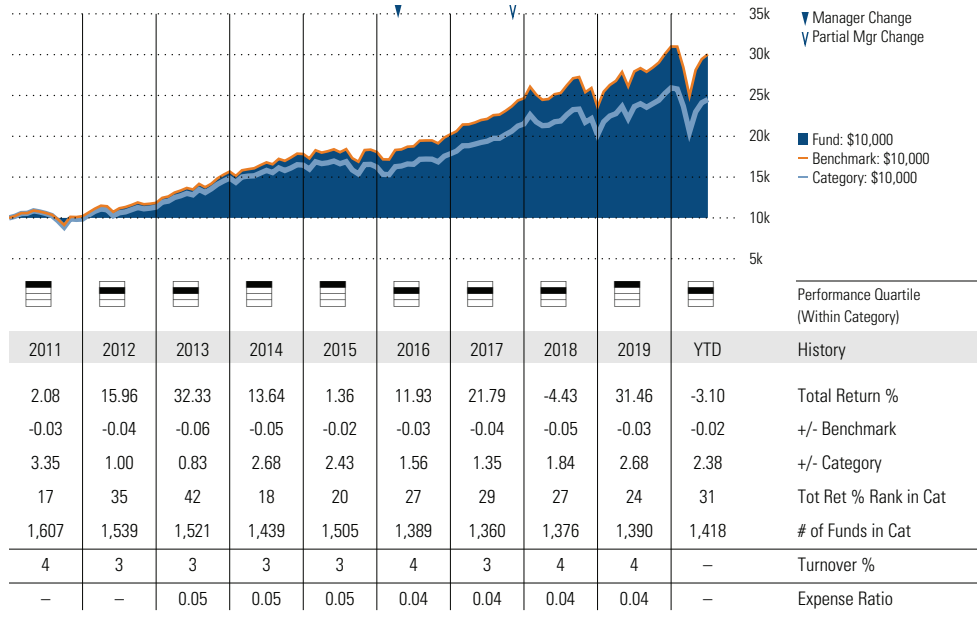
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.04 is 95.35% lower than the Large Blend category average.

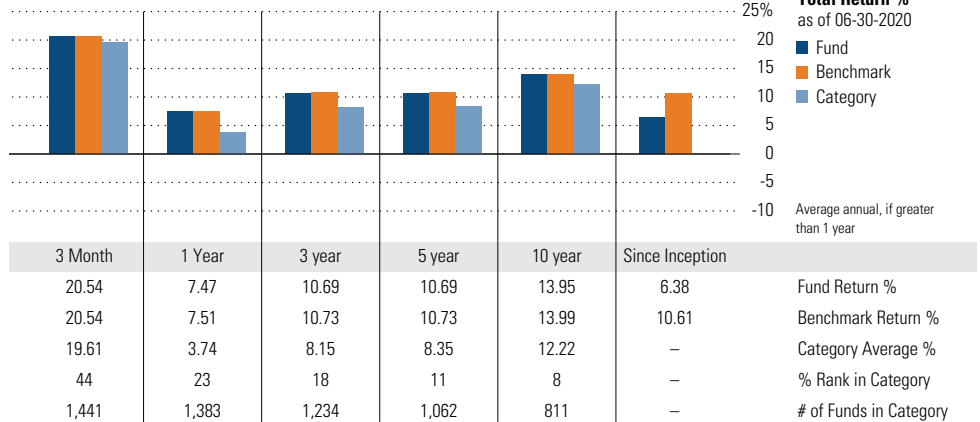
## Morningstar Investment Management LLC Analysis

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.

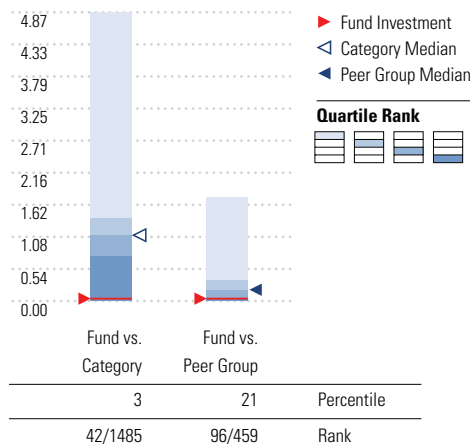
## Growth of \$10,000



## 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	-0.03	-	-2.24
Beta	1.00	-	0.98
R-Squared	100.00	-	95.63
Standard Deviation	16.95	16.95	16.91
Sharpe Ratio	0.59	0.59	0.45
Tracking Error	0.01	-	3.47
Information Ratio	-3.43	-	-1.24
Up Capture Ratio	99.92	-	91.48
Down Capture Ratio	100.06	-	100.92

## Portfolio Metrics

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

# Vanguard 500 Index Admiral VFIAX

Morningstar Category  
Large Blend

Morningstar Index  
S&P 500 TR USD

## Style Analysis as of 06-30-2020

Morningstar Style Box™



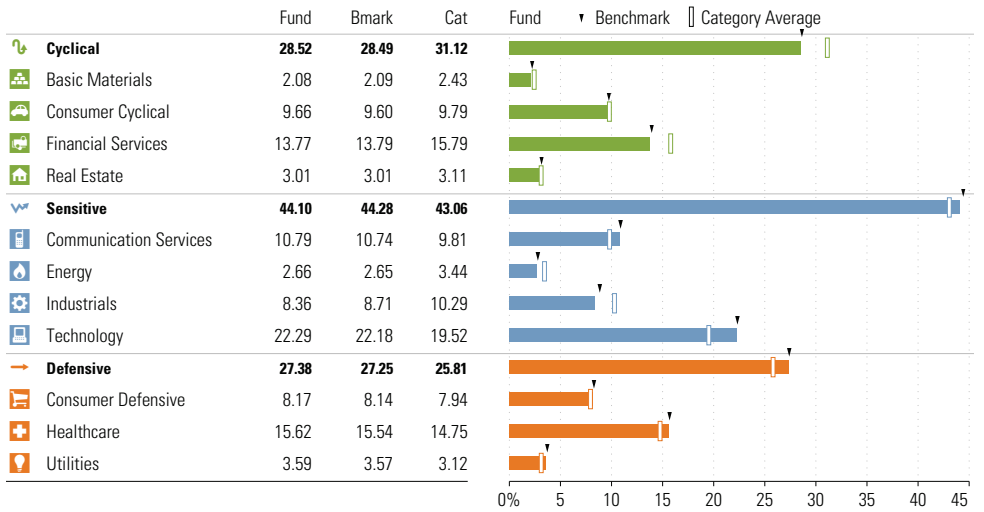
## Style Breakdown



## Asset Allocation as of 06-30-2020



## Sector Weighting as of 06-30-2020



## Top 15 Holdings as of 06-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Microsoft Corp	5.58	5.58	29.70	Technology
⊕ Apple Inc	4.93	10.51	24.77	Technology
⊕ Amazon.com Inc	3.77	14.28	49.30	Consumer Cyclical
⊕ Facebook Inc A	1.86	16.14	10.63	Communication Svc
⊕ Berkshire Hathaway Inc B	1.62	17.76	-21.19	Financial Services
⊕ Alphabet Inc Class C	1.62	19.37	5.73	Communication Svc
⊕ Alphabet Inc A	1.61	20.99	5.87	Communication Svc
⊕ Johnson & Johnson	1.60	22.59	-2.25	Healthcare
⊕ Visa Inc Class A	1.28	23.87	3.12	Financial Services
⊕ Procter & Gamble Co	1.27	25.14	-3.04	Consumer Defensive
⊖ JPMorgan Chase & Co	1.24	26.38	-31.23	Financial Services
⊕ UnitedHealth Group Inc	1.10	27.48	1.12	Healthcare
⊕ Intel Corp	1.09	28.57	1.07	Technology
⊕ Verizon Communications Inc	1.03	29.60	-8.21	Communication Svc
⊕ Mastercard Inc A	1.00	30.60	-0.70	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 11.84 years.

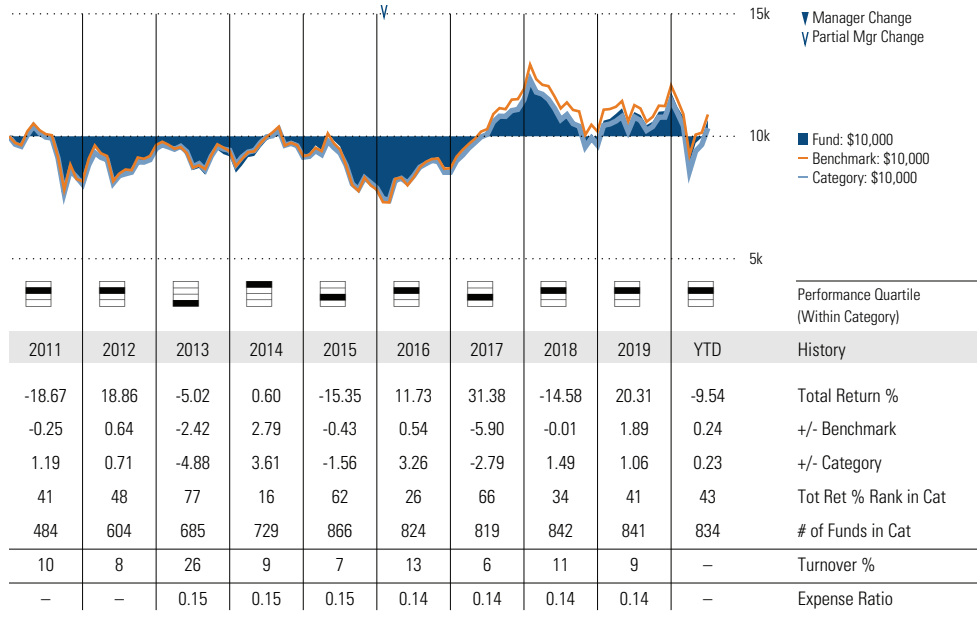
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.14 is 88.71% lower than the Diversified Emerging Mkts category average.

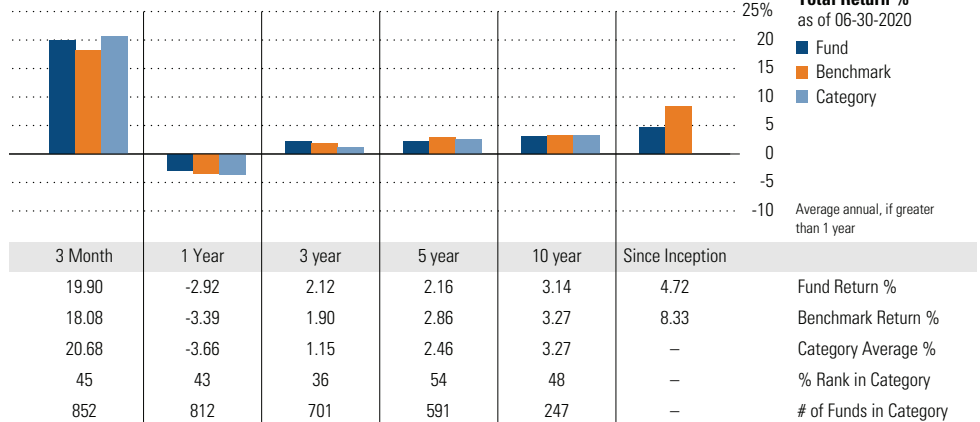
## Morningstar Investment Management LLC Analysis

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.

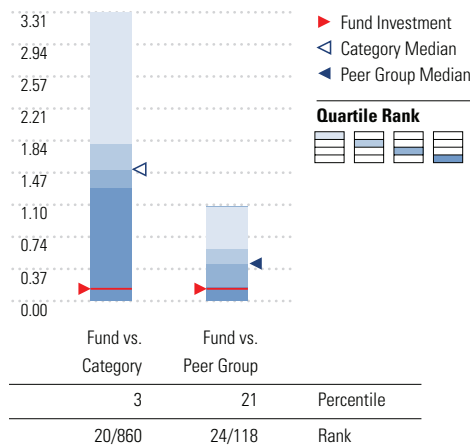
## Growth of \$10,000



## 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

Metric	Fund	Bmark	Cat
Alpha	0.28	-	-0.15
Beta	0.99	-	0.99
R-Squared	97.63	-	91.27
Standard Deviation	18.64	18.52	19.14
Sharpe Ratio	0.12	0.10	0.09
Tracking Error	2.87	-	5.48
Information Ratio	0.08	-	-0.08
Up Capture Ratio	101.67	-	97.39
Down Capture Ratio	100.82	-	98.76

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	13.10	12.62	13.55
Price/Book Ratio	1.66	1.49	1.87
Geom Avg Mkt Cap \$B	18.95	19.61	20.39
ROE	17.86	17.14	20.22

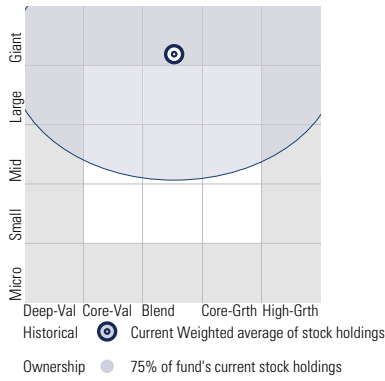
# Vanguard Emerging Mkts Stock Idx Adm VEMAX

**Morningstar Category**  
Diversified Emerging Mkts

**Morningstar Index**  
MSCI EM NR USD

## Style Analysis as of 06-30-2020

Morningstar Style Box™

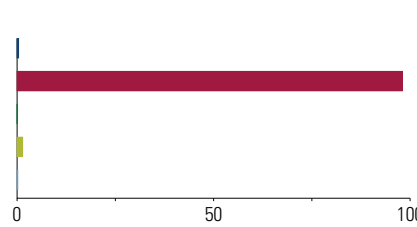


## Style Breakdown

Equity			
Value	Blend	Growth	
22	29	26	Large
8	6	4	Mid
3	2	1	Small



## Asset Allocation as of 06-30-2020

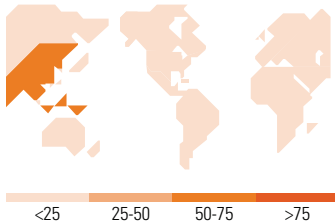


Asset Class	Net %	Cat%
US Stocks	0.37	2.97
Non-US Stocks	98.01	94.45
Bonds	0.06	0.48
Cash	1.40	1.54
Other	0.16	0.56
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>47.65</b>	<b>44.73</b>	<b>45.17</b>			
Basic Materials	7.21	6.69	4.80			
Consumer Cyclical	14.39	13.43	13.78			
Financial Services	22.08	21.56	24.08			
Real Estate	3.97	3.05	2.51			
<b>Sensitive</b>	<b>38.76</b>	<b>42.19</b>	<b>40.02</b>			
Communication Services	13.81	14.47	11.92			
Energy	6.11	5.86	5.36			
Industrials	6.11	5.08	5.29			
Technology	12.73	16.78	17.45			
<b>Defensive</b>	<b>13.58</b>	<b>13.07</b>	<b>14.83</b>			
Consumer Defensive	6.64	6.94	9.34			
Healthcare	3.99	3.70	3.81			
Utilities	2.95	2.43	1.68			

## World Regions % Equity 06-30-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	76.58	71.09	Americas	9.29	14.36	Greater Europe	14.14	14.55	Developed Markets	19.77
Japan	0.00	0.10	North America	0.36	1.90	United Kingdom	0.00	0.75	Emerging Markets	80.23
Australasia	0.00	0.01	Central/Latin	8.93	12.46	W euro-ex UK	0.46	1.66	Not Available	0.00
Asia-4 Tigers	16.25	23.83				Emrgng Europe	4.39	6.89		
Asia-ex 4 Tigers	60.33	47.15				Africa	9.29	5.25		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 06-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Alibaba Group Holding Ltd ADR	7.16	7.16	1.70	Consumer Cyclical
⊖ Tencent Holdings Ltd	5.89	13.05	33.07	Communication Svc
⊖ Taiwan Semiconductor Manufacturing Co Ltd	2.88	15.93	-3.93	Technology
⊖ Taiwan Semiconductor Manufacturing Co Ltd ADR	1.72	17.65	-0.85	Technology
⊖ China Construction Bank Corp Class H	1.56	19.21	-6.84	Financial Services
⊕ Cmt Market Liquidity Rate	1.28	20.49	-	-
⊖ Naspers Ltd Class N	1.28	21.77	9.22	Communication Svc
⊖ Industrial And Commercial Bank Of China Ltd Class H	1.13	22.90	-16.88	Financial Services
⊖ Ping An Insurance (Group) Co. of China Ltd Class H	1.10	24.00	-14.31	Financial Services
⊖ Reliance Industries Ltd	0.96	24.96	13.62	Energy

**Total Holdings 4200**

⊕ 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 11.84 years.

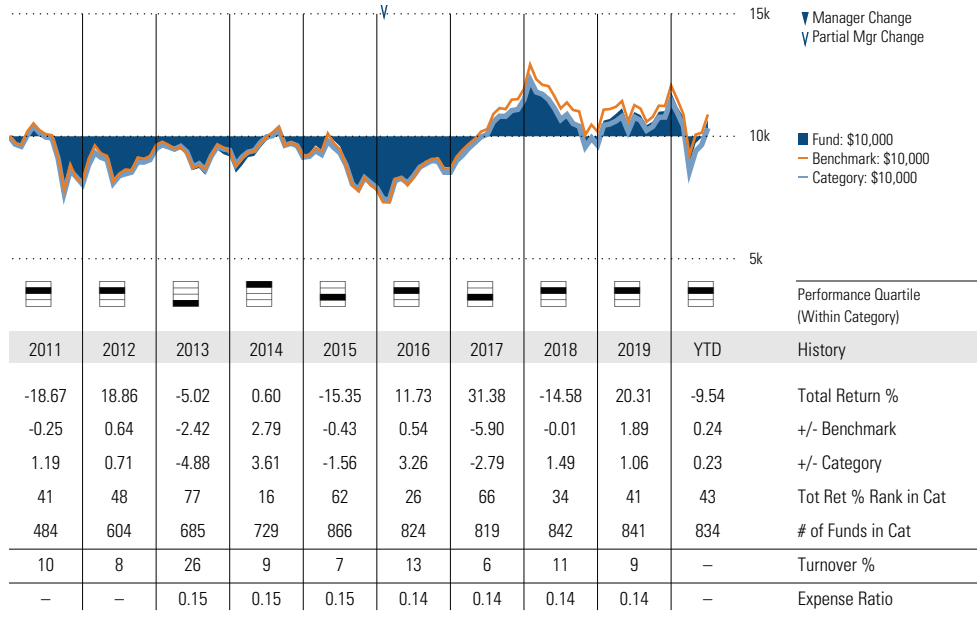
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.14 is 88.71% lower than the Diversified Emerging Mkts category average.

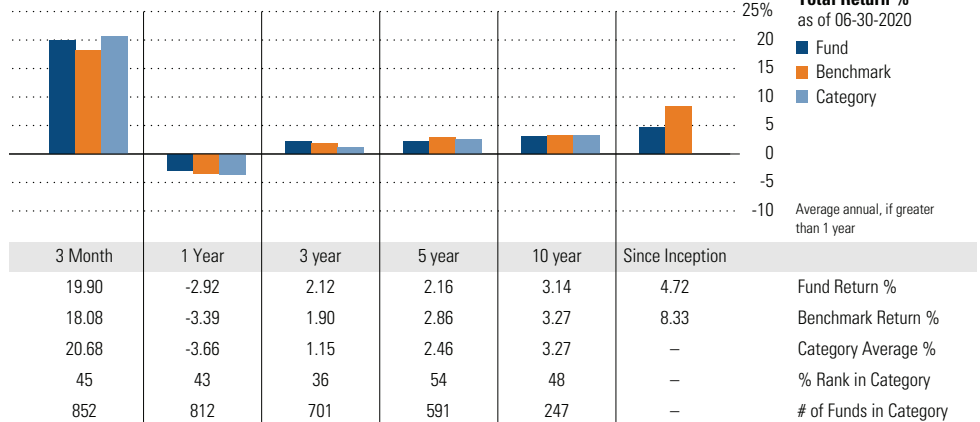
## Morningstar Investment Management LLC Analysis

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.

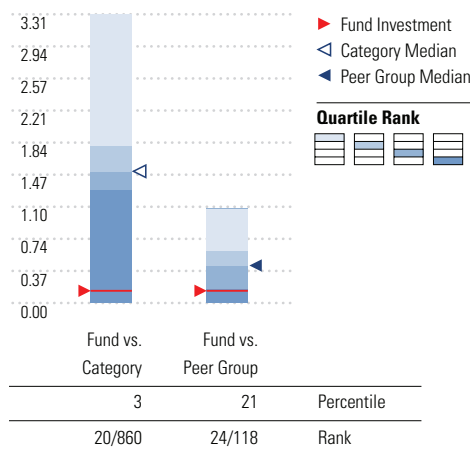
## Growth of \$10,000



## 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	0.28	-	-0.15
Beta	0.99	-	0.99
R-Squared	97.63	-	91.27
Standard Deviation	18.64	18.52	19.14
Sharpe Ratio	0.12	0.10	0.09
Tracking Error	2.87	-	5.48
Information Ratio	0.08	-	-0.08
Up Capture Ratio	101.67	-	97.39
Down Capture Ratio	100.82	-	98.76

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	13.10	12.62	13.55
Price/Book Ratio	1.66	1.49	1.87
Geom Avg Mkt Cap \$B	18.95	19.61	20.39
ROE	17.86	17.14	20.22

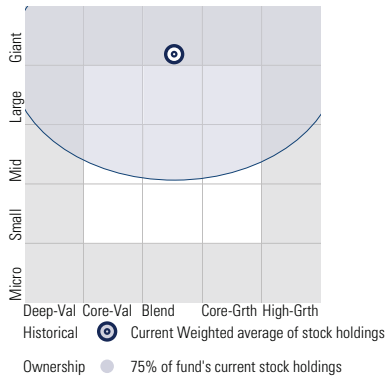
# Vanguard Emerging Mkts Stock Idx Adm VEMAX

**Morningstar Category**  
Diversified Emerging Mkts

**Morningstar Index**  
MSCI EM NR USD

## Style Analysis as of 06-30-2020

Morningstar Style Box™

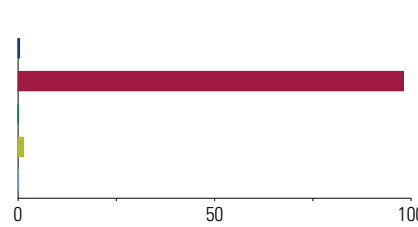


## Style Breakdown

Equity			
Value	Blend	Growth	
22	29	26	Large
8	6	4	Mid
3	2	1	Small



## Asset Allocation as of 06-30-2020

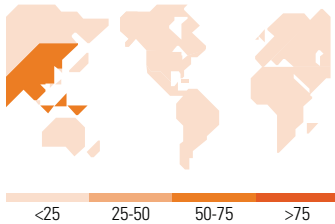


Asset Class	Net %	Cat%
US Stocks	0.37	2.97
Non-US Stocks	98.01	94.45
Bonds	0.06	0.48
Cash	1.40	1.54
Other	0.16	0.56
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>47.65</b>	<b>44.73</b>	<b>45.17</b>			
Basic Materials	7.21	6.69	4.80			
Consumer Cyclical	14.39	13.43	13.78			
Financial Services	22.08	21.56	24.08			
Real Estate	3.97	3.05	2.51			
<b>Sensitive</b>	<b>38.76</b>	<b>42.19</b>	<b>40.02</b>			
Communication Services	13.81	14.47	11.92			
Energy	6.11	5.86	5.36			
Industrials	6.11	5.08	5.29			
Technology	12.73	16.78	17.45			
<b>Defensive</b>	<b>13.58</b>	<b>13.07</b>	<b>14.83</b>			
Consumer Defensive	6.64	6.94	9.34			
Healthcare	3.99	3.70	3.81			
Utilities	2.95	2.43	1.68			

## World Regions % Equity 06-30-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	76.58	71.09	Americas	9.29	14.36	Greater Europe	14.14	14.55	Developed Markets	19.77
Japan	0.00	0.10	North America	0.36	1.90	United Kingdom	0.00	0.75	Emerging Markets	80.23
Australasia	0.00	0.01	Central/Latin	8.93	12.46	W euro-ex UK	0.46	1.66	Not Available	0.00
Asia-4 Tigers	16.25	23.83				Emrgng Europe	4.39	6.89		
Asia-ex 4 Tigers	60.33	47.15				Africa	9.29	5.25		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 06-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Alibaba Group Holding Ltd ADR	7.16	7.16	1.70	Consumer Cyclical
⊖ Tencent Holdings Ltd	5.89	13.05	33.07	Communication Svc
⊖ Taiwan Semiconductor Manufacturing Co Ltd	2.88	15.93	-3.93	Technology
⊖ Taiwan Semiconductor Manufacturing Co Ltd ADR	1.72	17.65	-0.85	Technology
⊖ China Construction Bank Corp Class H	1.56	19.21	-6.84	Financial Services
⊕ Cmt Market Liquidity Rate	1.28	20.49	-	-
⊖ Naspers Ltd Class N	1.28	21.77	9.22	Communication Svc
⊖ Industrial And Commercial Bank Of China Ltd Class H	1.13	22.90	-16.88	Financial Services
⊖ Ping An Insurance (Group) Co. of China Ltd Class H	1.10	24.00	-14.31	Financial Services
⊖ Reliance Industries Ltd	0.96	24.96	13.62	Energy

**Total Holdings 4200**

⊕ 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 8.87 years.

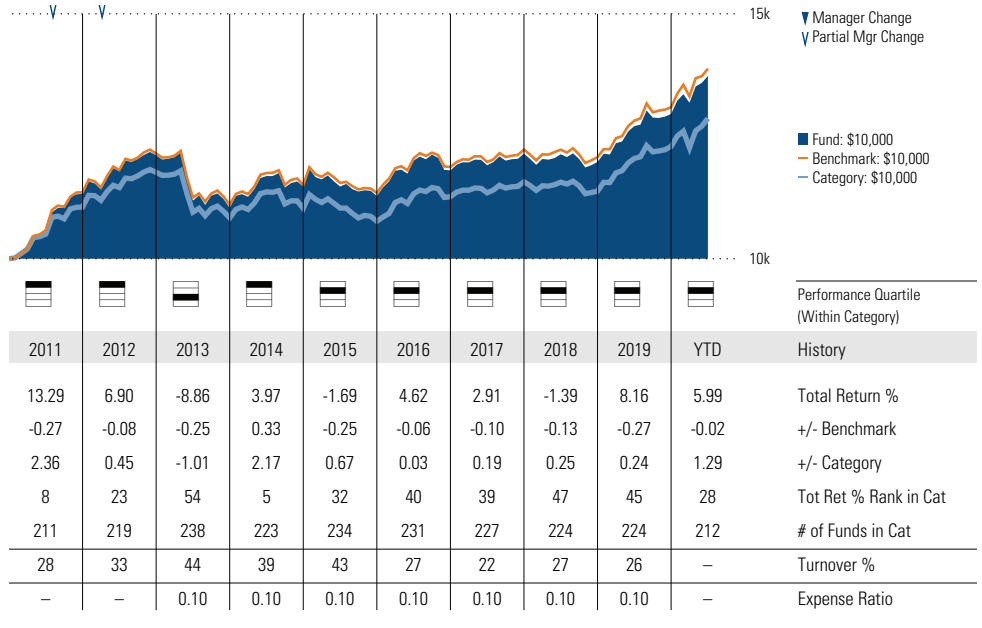
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.1 is 85.71% lower than the Inflation-Protected Bond category average.

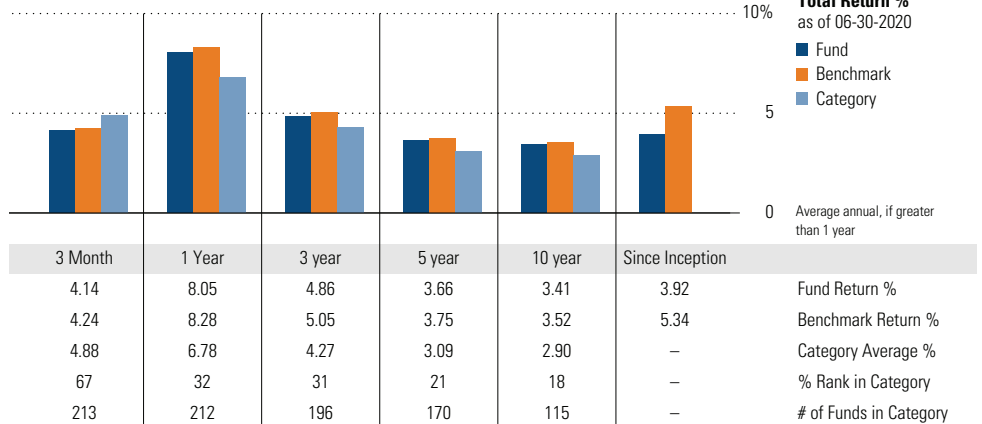
## Morningstar Investment Management LLC Analysis

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

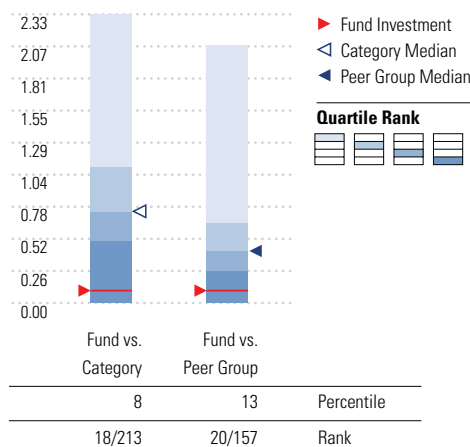
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.15	-	-0.65
Beta	0.93	-	0.90
R-Squared	98.09	-	77.55
Standard Deviation	3.45	3.66	3.97
Sharpe Ratio	0.90	0.90	0.59
Tracking Error	0.54	-	2.07
Information Ratio	-0.35	-	-0.71
Up Capture Ratio	95.55	-	84.17
Down Capture Ratio	94.15	-	96.95

## Portfolio Metrics

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

# Vanguard Inflation-Protected Secs Adm VAIPX

**Morningstar Category**  
Inflation-Protected Bond

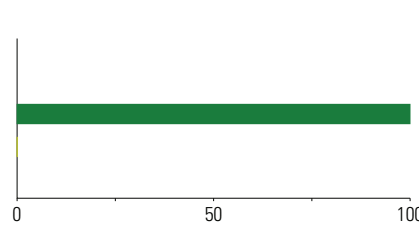
**Morningstar Index**  
BBgBarc US Treasury US TIPS TR USD

## Style Analysis as of 06-30-2020

### Style Breakdown



## Asset Allocation as of 06-30-2020

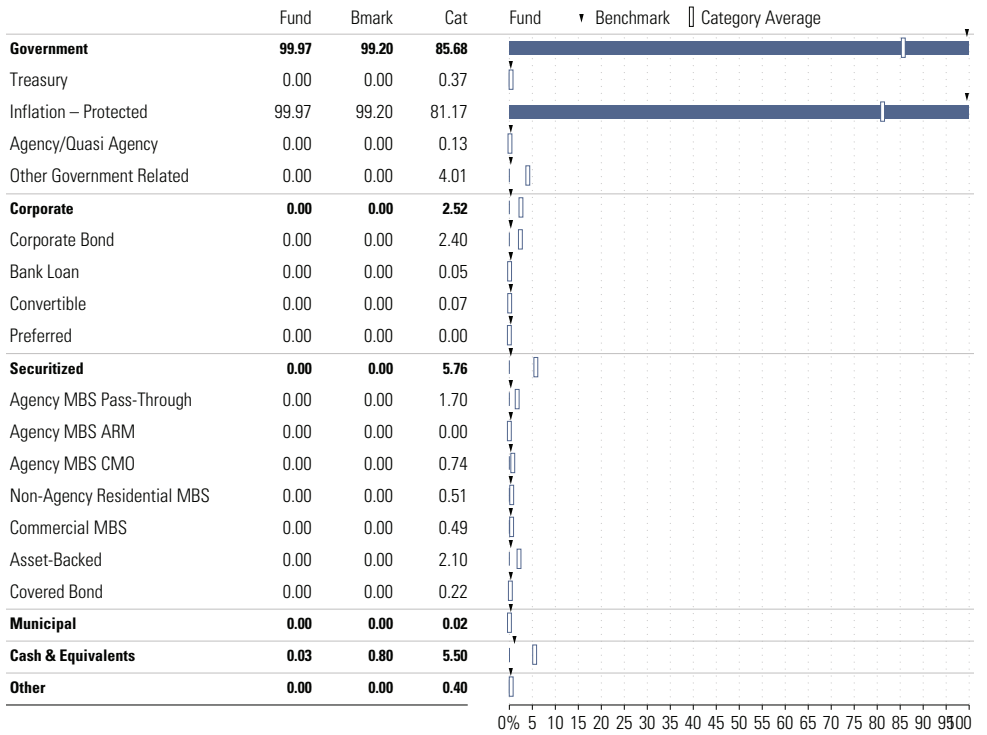


Asset Class	Net %	Cat%
US Stocks	0.00	-0.02
Non-US Stocks	0.00	0.01
Bonds	99.97	96.97
Cash	0.03	2.11
Other	0.00	0.93
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

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

## Sector Weighting as of 06-30-2020



## Top 10 Holdings as of 06-30-2020

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

**Total Holdings 43**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard 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 8.87 years.

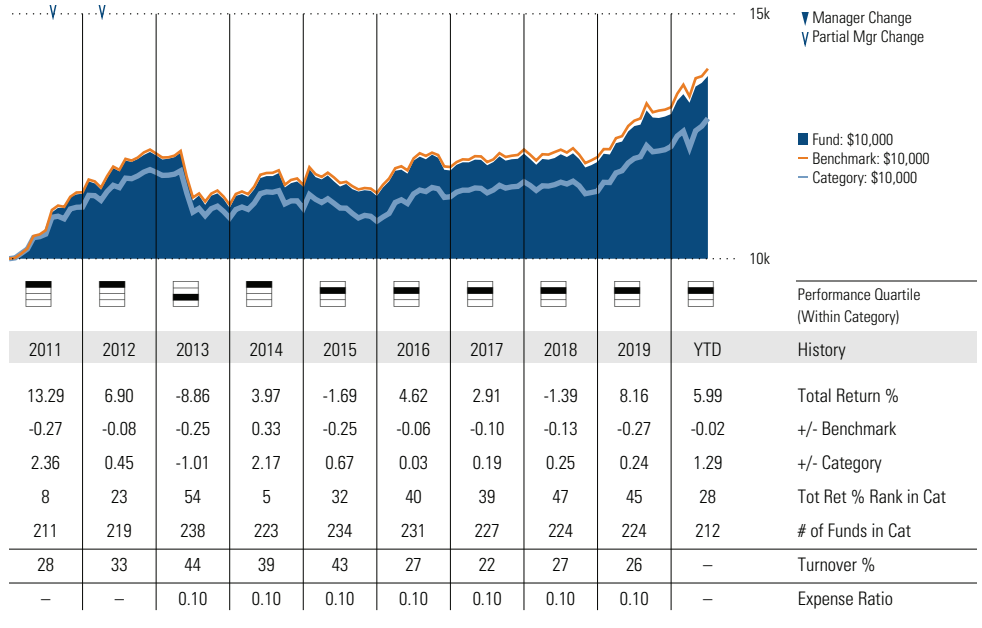
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.1 is 85.71% lower than the Inflation-Protected Bond category average.

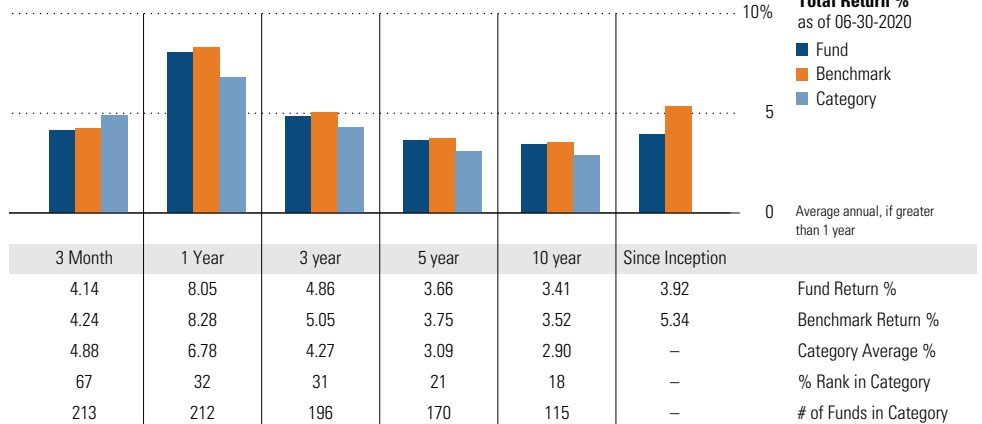
## Morningstar Investment Management LLC Analysis

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

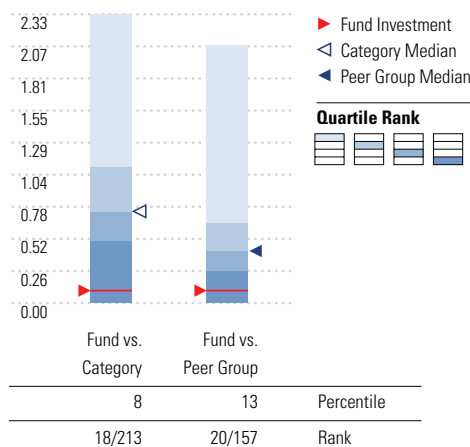
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.15	-	-0.65
Beta	0.93	-	0.90
R-Squared	98.09	-	77.55
Standard Deviation	3.45	3.66	3.97
Sharpe Ratio	0.90	0.90	0.59
Tracking Error	0.54	-	2.07
Information Ratio	-0.35	-	-0.71
Up Capture Ratio	95.55	-	84.17
Down Capture Ratio	94.15	-	96.95

## Portfolio Metrics

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

# Vanguard Inflation-Protected Secs Adm VAIPX

**Morningstar Category**  
Inflation-Protected Bond

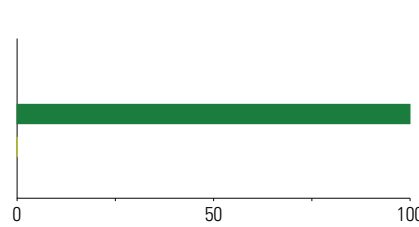
**Morningstar Index**  
BBgBarc US Treasury US TIPS TR USD

## Style Analysis as of 06-30-2020

### Style Breakdown



## Asset Allocation as of 06-30-2020

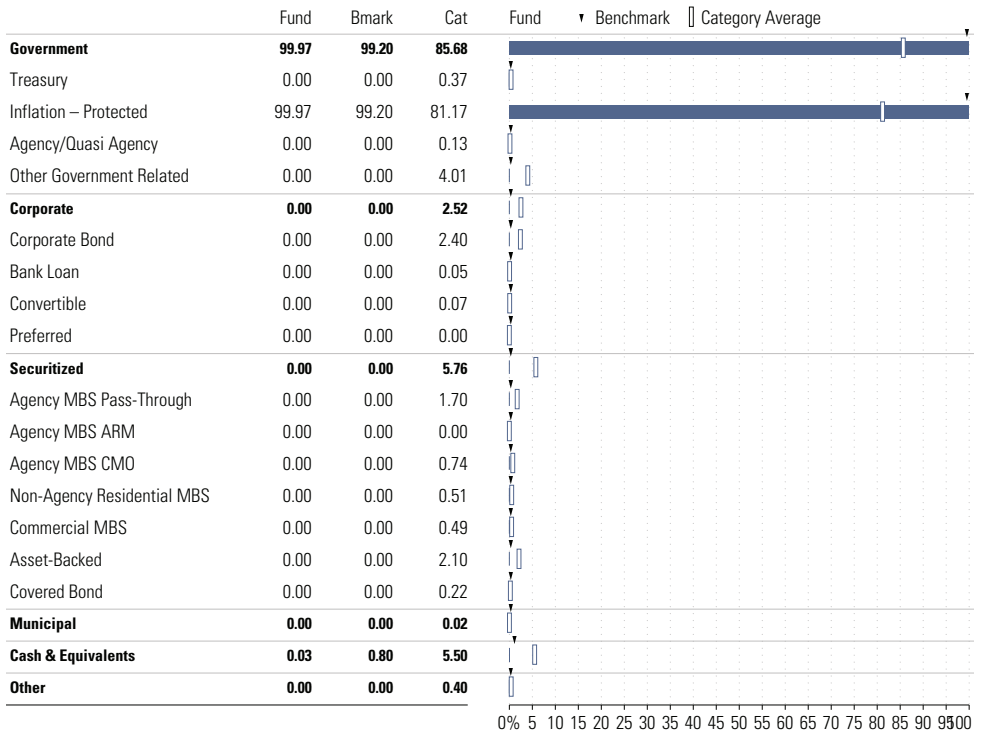


Asset Class	Net %	Cat%
US Stocks	0.00	-0.02
Non-US Stocks	0.00	0.01
Bonds	99.97	96.97
Cash	0.03	2.11
Other	0.00	0.93
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

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

## Sector Weighting as of 06-30-2020



## Top 10 Holdings as of 06-30-2020

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

**Total Holdings 43**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard 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 24.15 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.

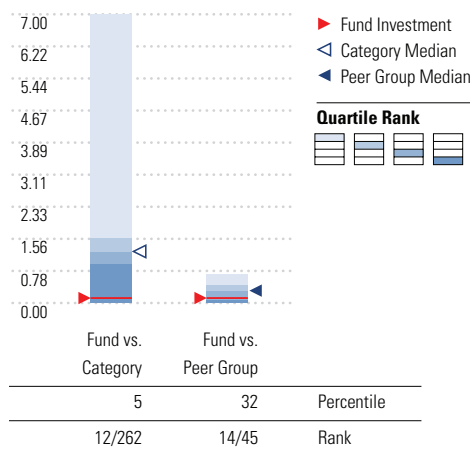
## Growth of \$10,000



## 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

Metric	Fund	Bmark	Cat
Alpha	2.12	-	1.44
Beta	0.94	-	0.92
R-Squared	98.71	-	94.61
Standard Deviation	17.83	18.80	17.88
Sharpe Ratio	0.12	0.01	0.09
Tracking Error	2.29	-	4.48
Information Ratio	0.98	-	0.35
Up Capture Ratio	101.30	-	94.95
Down Capture Ratio	90.87	-	88.50

## Portfolio Metrics

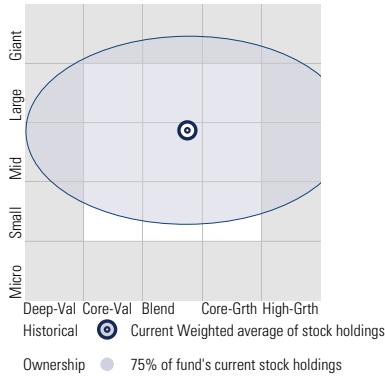
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	40.39	38.46	36.08
Price/Book Ratio	2.39	2.42	2.60
Geom Avg Mkt Cap \$B	9.32	9.35	11.72
ROE	8.61	9.56	11.65

# Vanguard Real Estate Index Admiral VGSLX

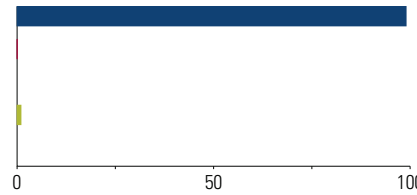
**Morningstar Category**  
Real Estate

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

**Style Analysis** as of 06-30-2020  
Morningstar Style Box™



**Asset Allocation** as of 06-30-2020

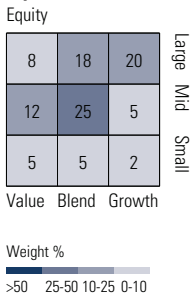


Asset Class	Net %	Cat%
US Stocks	98.97	87.30
Non-US Stocks	0.05	0.76
Bonds	0.00	3.63
Cash	0.97	1.75
Other	0.00	6.57
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 06-30-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>99.97</b>	<b>99.13</b>	<b>98.99</b>			
Basic Materials	0.00	0.00	0.03			
Consumer Cyclical	0.00	0.13	0.73			
Financial Services	0.01	0.00	0.11			
Real Estate	99.96	99.00	98.12			
<b>Sensitive</b>	<b>0.03</b>	<b>0.87</b>	<b>0.87</b>			
Communication Services	0.00	0.00	0.06			
Energy	0.00	0.00	0.01			
Industrials	0.03	0.87	0.08			
Technology	0.00	0.00	0.72			
<b>Defensive</b>	<b>0.00</b>	<b>0.00</b>	<b>0.13</b>			
Consumer Defensive	0.00	0.00	0.00			
Healthcare	0.00	0.00	0.06			
Utilities	0.00	0.00	0.07			

**Style Breakdown**



**Top 15 Holdings** as of 06-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Real Estate II Index	10.87	10.87	-	-
⊕ American Tower Corp	7.40	18.28	13.45	Real Estate
⊕ Prologis Inc	4.58	22.86	6.00	Real Estate
⊕ Crown Castle International Corp	4.39	27.25	19.42	Real Estate
⊕ Equinix Inc	3.60	30.85	21.23	Real Estate
⊕ Simon Property Group Inc	2.78	33.63	-52.69	Real Estate
⊕ Public Storage	2.42	36.06	-8.02	Real Estate
⊕ Welltower Inc	2.24	38.30	-34.91	Real Estate
⊕ SBA Communications Corp	2.20	40.50	24.01	Real Estate
⊕ AvalonBay Communities Inc	2.06	42.56	-24.74	Real Estate
⊕ Equity Residential	2.06	44.62	-25.82	Real Estate
⊕ Digital Realty Trust Inc	1.81	46.42	20.55	Real Estate
⊕ Realty Income Corp	1.74	48.16	-17.29	Real Estate
⊕ Ventas Inc	1.48	49.64	-34.43	Real Estate
⊕ Boston Properties Inc	1.47	51.11	-33.02	Real Estate

**Total Holdings 186**

⊕ 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 24.15 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.

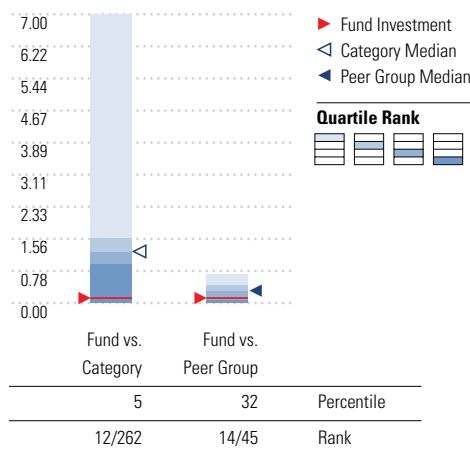
## Growth of \$10,000



## 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

Metric	Fund	Bmark	Cat
Alpha	2.12	-	1.44
Beta	0.94	-	0.92
R-Squared	98.71	-	94.61
Standard Deviation	17.83	18.80	17.88
Sharpe Ratio	0.12	0.01	0.09
Tracking Error	2.29	-	4.48
Information Ratio	0.98	-	0.35
Up Capture Ratio	101.30	-	94.95
Down Capture Ratio	90.87	-	88.50

## Portfolio Metrics

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

# Vanguard Real Estate Index Admiral VGSLX

**Morningstar Category**  
Real Estate

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

## Style Analysis as of 06-30-2020

Morningstar Style Box™



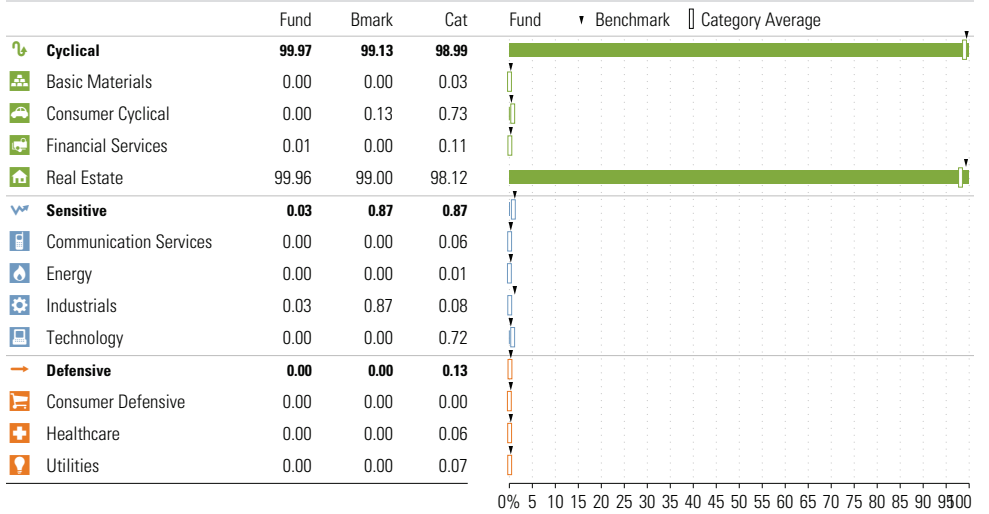
## Style Breakdown



## Asset Allocation as of 06-30-2020



## Sector Weighting as of 06-30-2020



## Top 15 Holdings as of 06-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Real Estate II Index	10.87	10.87	-	-
⊕ American Tower Corp	7.40	18.28	13.45	Real Estate
⊕ Prologis Inc	4.58	22.86	6.00	Real Estate
⊕ Crown Castle International Corp	4.39	27.25	19.42	Real Estate
⊕ Equinix Inc	3.60	30.85	21.23	Real Estate
⊕ Simon Property Group Inc	2.78	33.63	-52.69	Real Estate
⊕ Public Storage	2.42	36.06	-8.02	Real Estate
⊕ Welltower Inc	2.24	38.30	-34.91	Real Estate
⊕ SBA Communications Corp	2.20	40.50	24.01	Real Estate
⊕ AvalonBay Communities Inc	2.06	42.56	-24.74	Real Estate
⊕ Equity Residential	2.06	44.62	-25.82	Real Estate
⊕ Digital Realty Trust Inc	1.81	46.42	20.55	Real Estate
⊕ Realty Income Corp	1.74	48.16	-17.29	Real Estate
⊕ Ventas Inc	1.48	49.64	-34.43	Real Estate
⊕ Boston Properties Inc	1.47	51.11	-33.02	Real Estate

**Total Holdings 186**

⊕ 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
- Mehul Trivedi since 12-2019

## Quantitative Screens

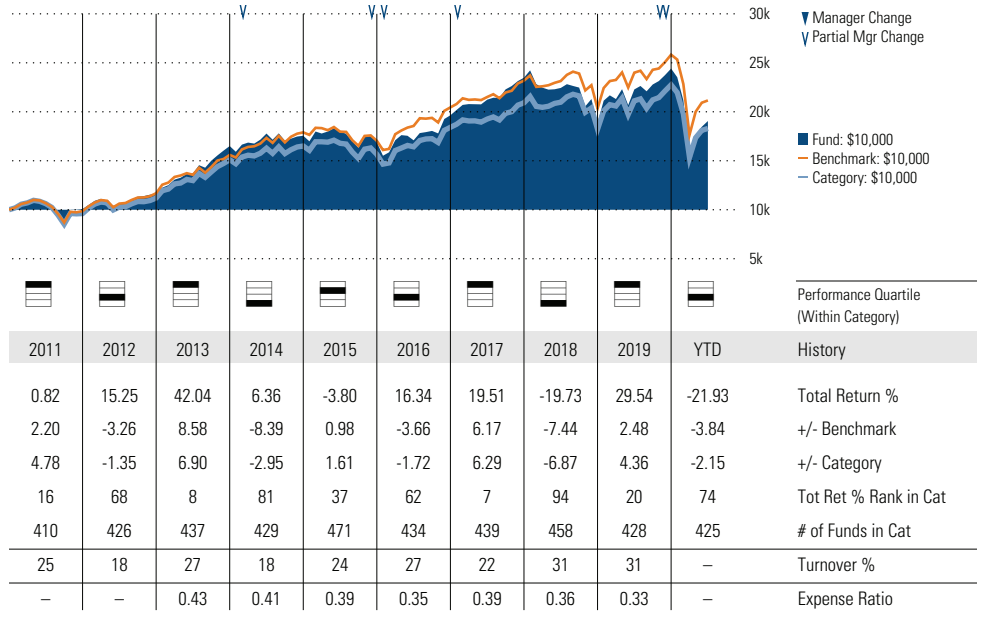
**Performance:** The fund has finished in the Mid-Cap Value category's top three quartiles in 7 of the 10 years it's been in existence.

**Management:** The fund's management has been in place for 15.35 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.

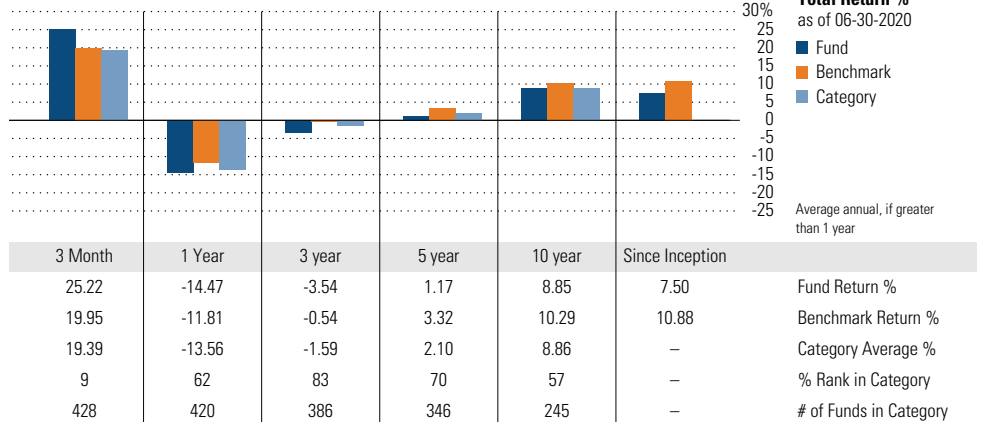
## Growth of \$10,000



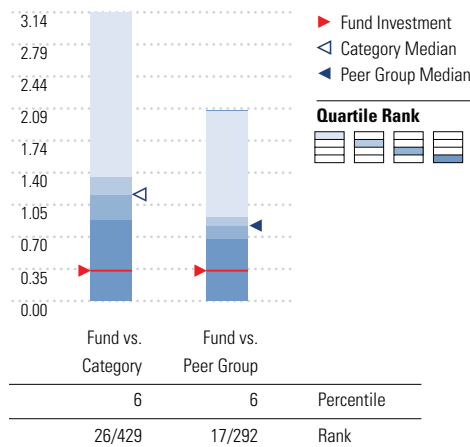
## Morningstar Investment Management LLC Analysis

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



## 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	-2.38	-	-1.03
Beta	1.16	-	1.02
R-Squared	97.28	-	96.57
Standard Deviation	24.88	21.22	22.04
Sharpe Ratio	-0.08	0.01	-0.03
Tracking Error	5.28	-	4.46
Information Ratio	-0.57	-	-0.22
Up Capture Ratio	101.84	-	100.87
Down Capture Ratio	113.48	-	105.41

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	14.66	18.90	17.75
Price/Book Ratio	1.54	1.81	1.74
Geom Avg Mkt Cap \$B	9.77	9.71	8.73
ROE	13.37	11.29	11.96

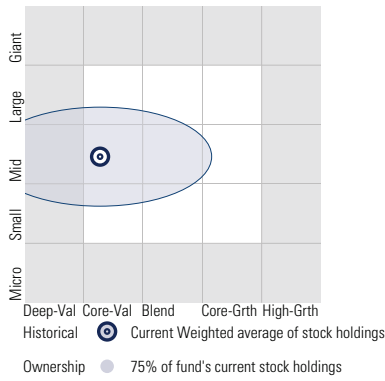
# Vanguard Selected Value Inv VASVX

Morningstar Category  
Mid-Cap Value

Morningstar Index  
Russell Mid Cap Value TR USD

## Style Analysis as of 06-30-2020

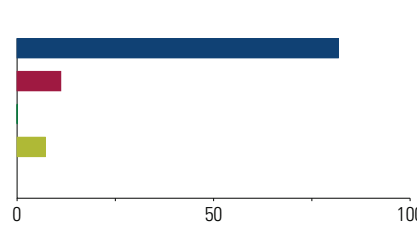
Morningstar Style Box™



## Style Breakdown

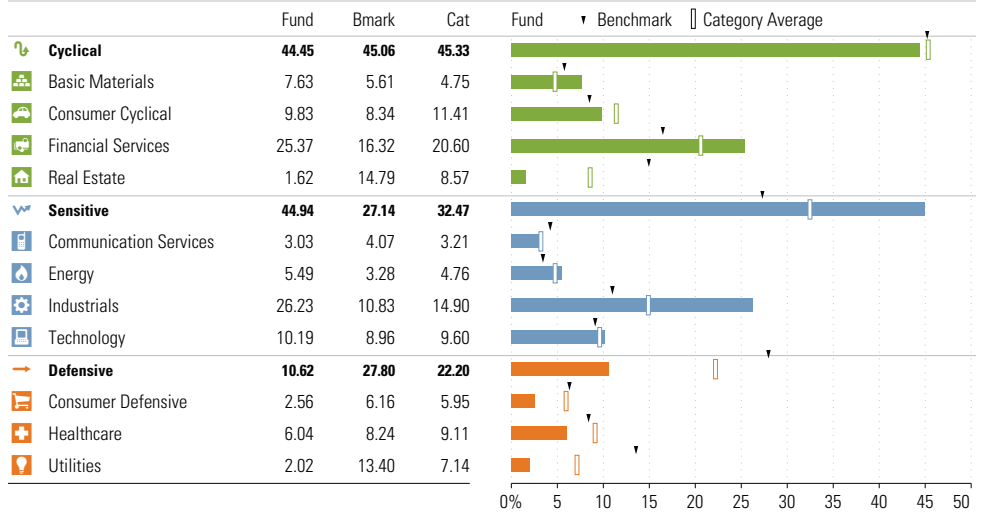


## Asset Allocation as of 06-30-2020



Asset Class	Net %	Cat%
US Stocks	81.73	92.17
Non-US Stocks	11.10	5.26
Bonds	0.02	0.05
Cash	7.15	2.22
Other	0.00	0.30
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2020



## Top 15 Holdings as of 06-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Market Liquidity Inv	7.07	7.07	-	-
⊕ AerCap Holdings NV	3.75	10.82	-49.89	Industrials
⊖ Air France-KLM ADR	1.96	12.78	-58.62	Industrials
⊖ JetBlue Airways Corp	1.94	14.73	-41.77	Industrials
⊖ Gold Fields Ltd ADR	1.81	16.53	43.33	Basic Materials
⊕ Arrow Electronics Inc	1.65	18.18	-18.94	Technology
⊖ Unum Group	1.53	19.71	-41.15	Financial Services
⊕ Gildan Activewear Inc	1.52	21.23	-44.67	Consumer Cyclical
⊕ Iamgold Corp	1.45	22.69	11.13	Basic Materials
⊕ TCF Financial Corp	1.40	24.08	-35.64	Financial Services
⊕ Lear Corp	1.33	25.42	-19.98	Consumer Cyclical
⊕ National Oilwell Varco Inc	1.32	26.73	-50.90	Energy
⊕ Snap-on Inc	1.29	28.03	-16.96	Industrials
⊕ Voya Financial Inc	1.22	29.25	-23.01	Financial Services
⊕ American Eagle Outfitters Inc	1.21	30.46	-24.91	Consumer Cyclical

Total Holdings 128

⊕ 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  
Mehul Trivedi since 12-2019

## Quantitative Screens

**Performance:** The fund has finished in the Mid-Cap Value 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 15.35 years.

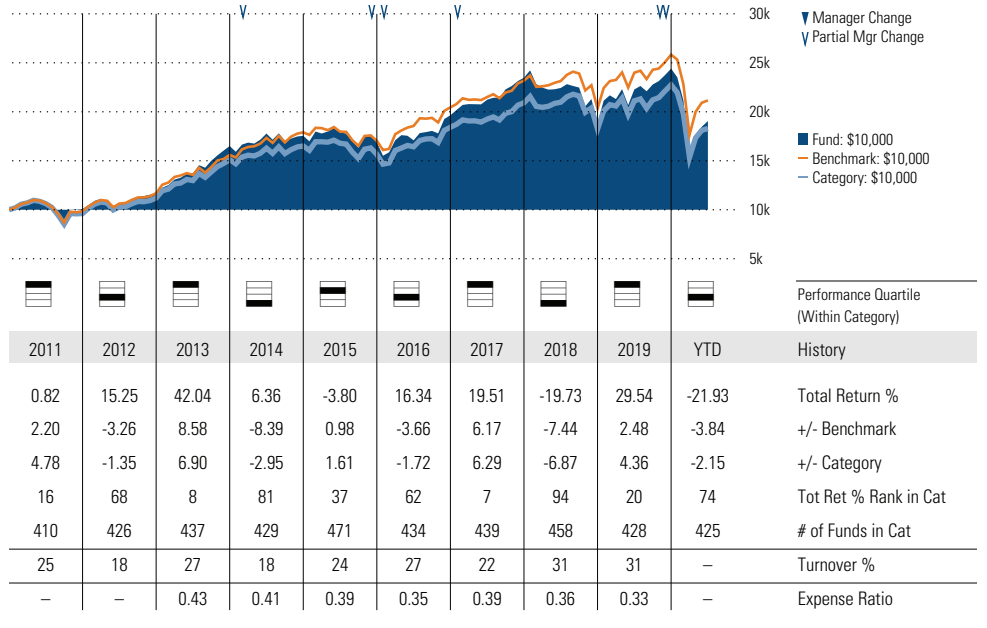
**Style:** The fund has landed in its primary style box — Mid-Cap Value — 100 % of the time over the past three years.

**Net Expense:** The fund's expense ratio of 0.33 is 67.96% lower than the Mid-Cap Value category average.

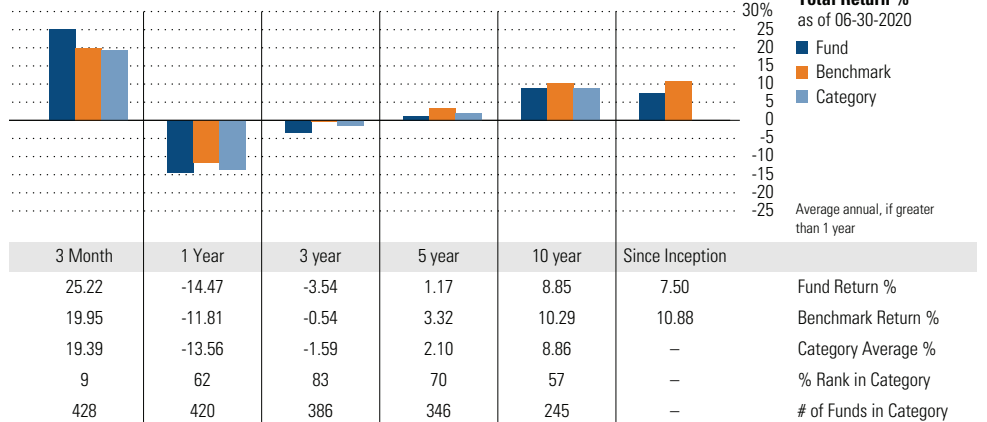
## Morningstar Investment Management LLC Analysis

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.

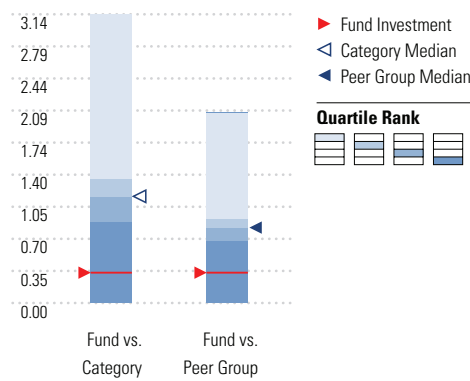
## Growth of \$10,000



## 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	-2.38	-	-1.03
Beta	1.16	-	1.02
R-Squared	97.28	-	96.57
Standard Deviation	24.88	21.22	22.04
Sharpe Ratio	-0.08	0.01	-0.03
Tracking Error	5.28	-	4.46
Information Ratio	-0.57	-	-0.22
Up Capture Ratio	101.84	-	100.87
Down Capture Ratio	113.48	-	105.41

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	14.66	18.90	17.75
Price/Book Ratio	1.54	1.81	1.74
Geom Avg Mkt Cap \$B	9.77	9.71	8.73
ROE	13.37	11.29	11.96

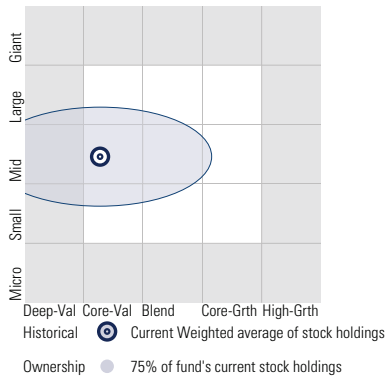
# Vanguard Selected Value Inv VASVX

Morningstar Category  
Mid-Cap Value

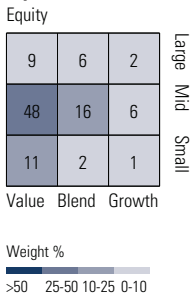
Morningstar Index  
Russell Mid Cap Value TR USD

## Style Analysis as of 06-30-2020

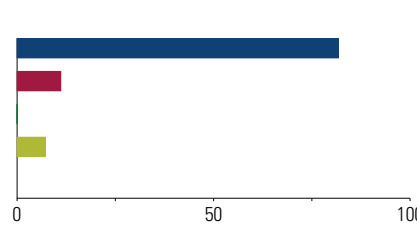
Morningstar Style Box™



## Style Breakdown

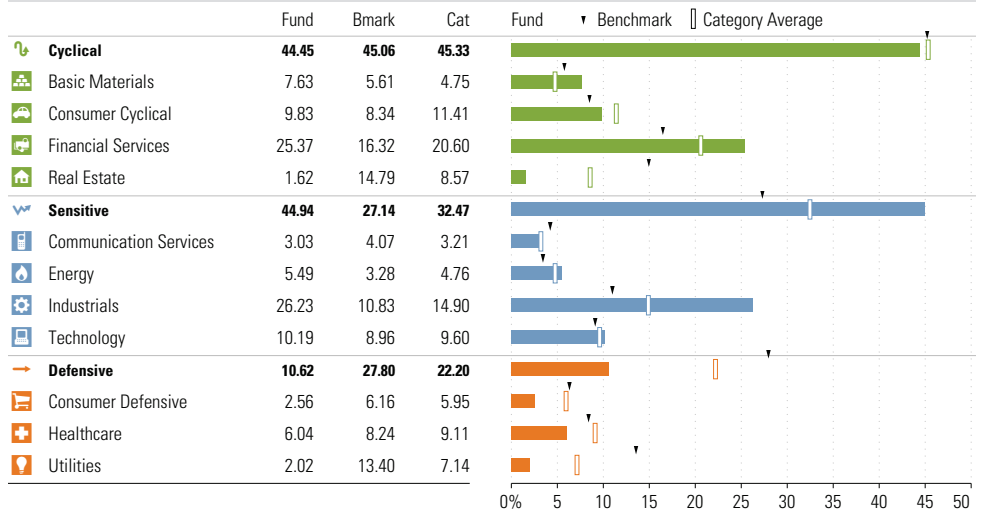


## Asset Allocation as of 06-30-2020



Asset Class	Net %	Cat%
US Stocks	81.73	92.17
Non-US Stocks	11.10	5.26
Bonds	0.02	0.05
Cash	7.15	2.22
Other	0.00	0.30
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2020



## Top 15 Holdings as of 06-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Market Liquidity Inv	7.07	7.07	-	-
⊕ AerCap Holdings NV	3.75	10.82	-49.89	Industrials
⊖ Air France-KLM ADR	1.96	12.78	-58.62	Industrials
⊖ JetBlue Airways Corp	1.94	14.73	-41.77	Industrials
⊖ Gold Fields Ltd ADR	1.81	16.53	43.33	Basic Materials
⊕ Arrow Electronics Inc	1.65	18.18	-18.94	Technology
⊖ Unum Group	1.53	19.71	-41.15	Financial Services
⊕ Gildan Activewear Inc	1.52	21.23	-44.67	Consumer Cyclical
⊕ Iamgold Corp	1.45	22.69	11.13	Basic Materials
⊕ TCF Financial Corp	1.40	24.08	-35.64	Financial Services
⊕ Lear Corp	1.33	25.42	-19.98	Consumer Cyclical
⊕ National Oilwell Varco Inc	1.32	26.73	-50.90	Energy
⊕ Snap-on Inc	1.29	28.03	-16.96	Industrials
⊕ Voya Financial Inc	1.22	29.25	-23.01	Financial Services
⊕ American Eagle Outfitters Inc	1.21	30.46	-24.91	Consumer Cyclical

Total Holdings 128

⊕ 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 7.36 years.

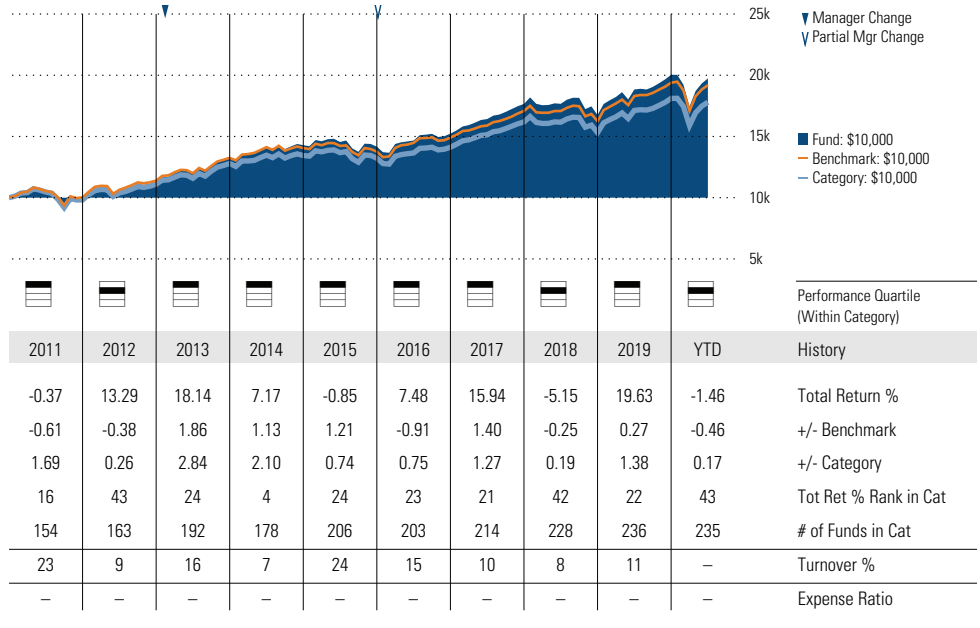
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.13 is 81.94% lower than the Target-Date 2025 category average.

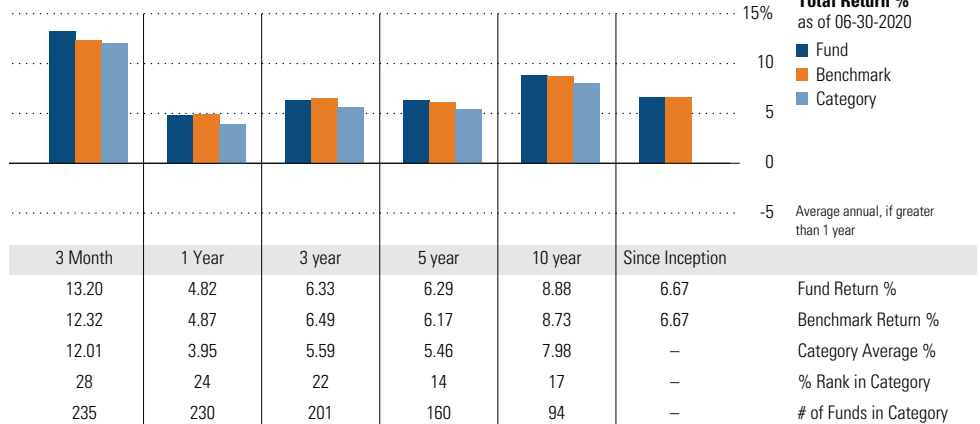
## Morningstar Investment Management LLC Analysis

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

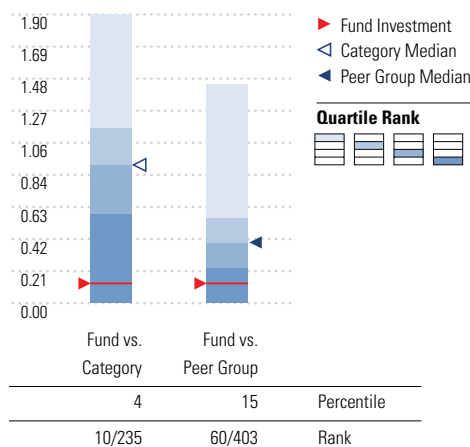
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.50	-	-0.92
Beta	1.06	-	0.99
R-Squared	99.35	-	97.88
Standard Deviation	10.41	9.79	9.80
Sharpe Ratio	0.48	0.52	0.42
Tracking Error	1.03	-	1.68
Information Ratio	-0.15	-	-0.66
Up Capture Ratio	105.17	-	95.23
Down Capture Ratio	110.08	-	102.66

## Portfolio Metrics

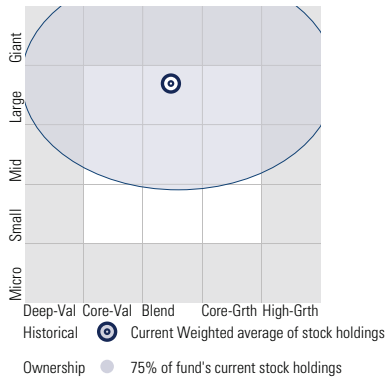
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.78	17.67	17.99
Price/Book Ratio	2.19	2.12	2.26
Avg Eff Duration	6.77	10.12	5.54

# Vanguard Target Retirement 2025 Inv VTTVX

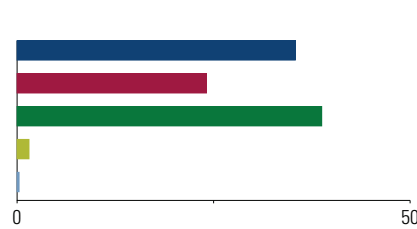
**Morningstar Category**  
Target-Date 2025

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

**Style Analysis** as of 06-30-2020  
Morningstar Style Box™

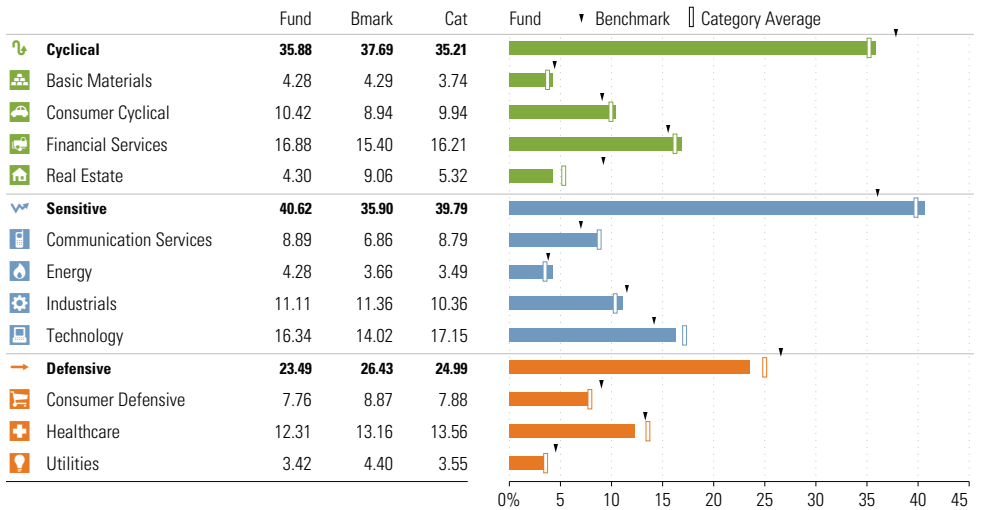


**Asset Allocation** as of 06-30-2020



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

**Sector Weighting** as of 06-30-2020



**Style Breakdown**



**Top 5 Holdings** as of 06-30-2020

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

**Total Holdings** 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 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 7.36 years.

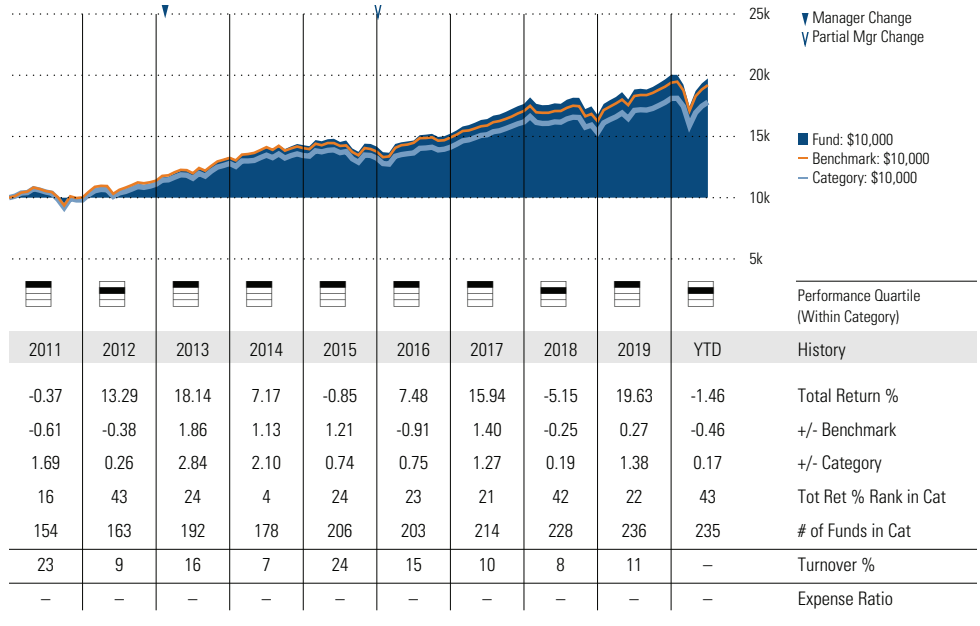
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.13 is 81.94% lower than the Target-Date 2025 category average.

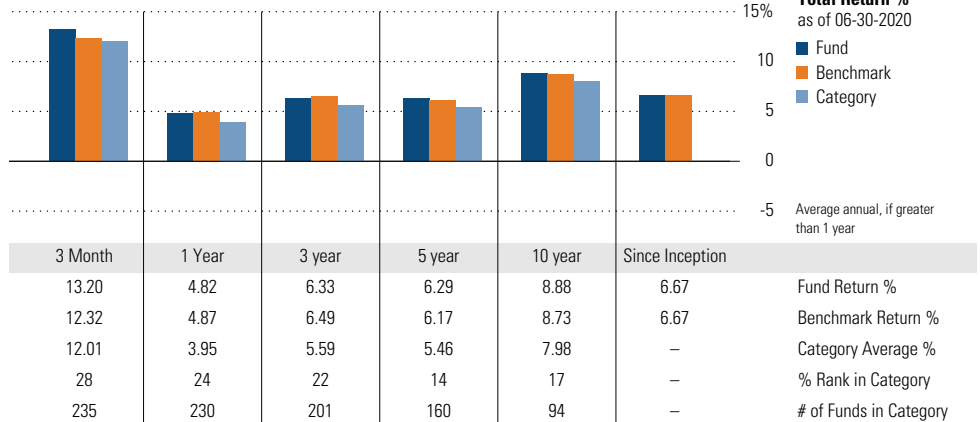
## Morningstar Investment Management LLC Analysis

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.

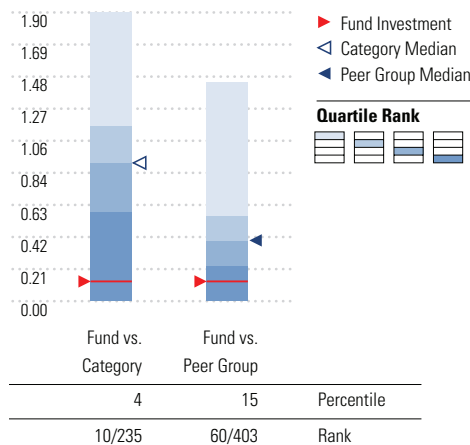
## Growth of \$10,000



## 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	-0.50	-	-0.92
Beta	1.06	-	0.99
R-Squared	99.35	-	97.88
Standard Deviation	10.41	9.79	9.80
Sharpe Ratio	0.48	0.52	0.42
Tracking Error	1.03	-	1.68
Information Ratio	-0.15	-	-0.66
Up Capture Ratio	105.17	-	95.23
Down Capture Ratio	110.08	-	102.66

## Portfolio Metrics

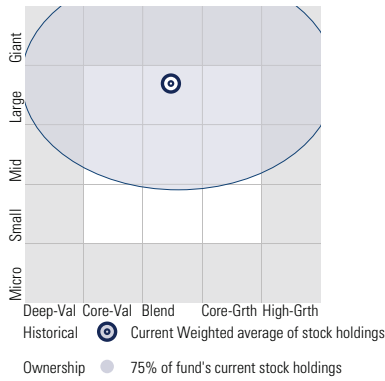
	Fund	Bmark	Cat
Price/Earnings Ratio	17.78	17.67	17.99
Price/Book Ratio	2.19	2.12	2.26
Avg Eff Duration	6.77	10.12	5.54

# Vanguard Target Retirement 2025 Inv VTTVX

**Morningstar Category**  
Target-Date 2025

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

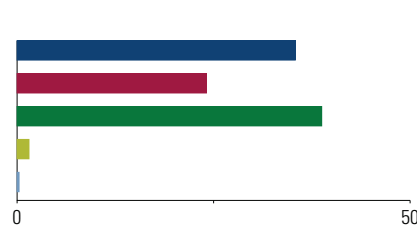
**Style Analysis** as of 06-30-2020  
Morningstar Style Box™



**Style Breakdown**

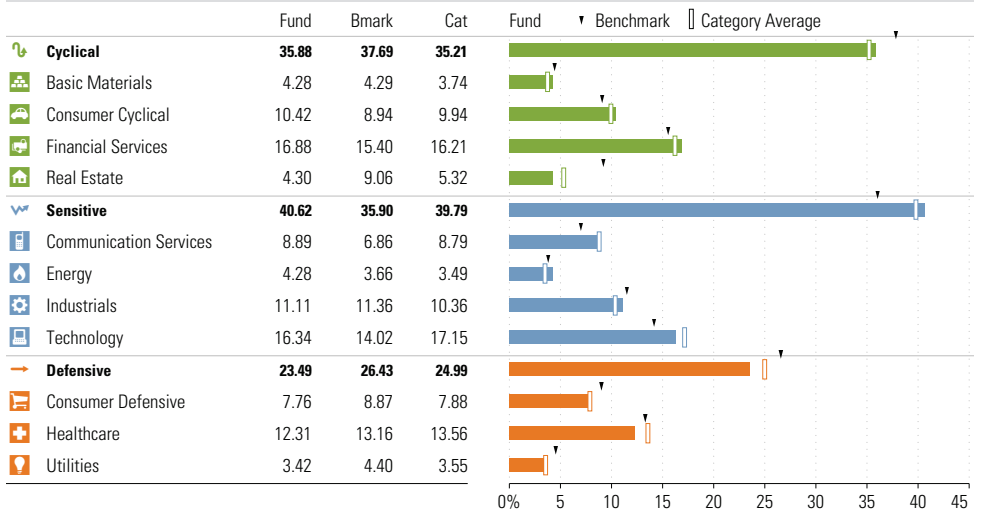


**Asset Allocation** as of 06-30-2020



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

**Sector Weighting** as of 06-30-2020



**Top 5 Holdings** as of 06-30-2020

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

**Total Holdings** 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Target Retirement 2030 Inv VTHRX

**Morningstar Category**  
Target-Date 2030

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 7.36 years.

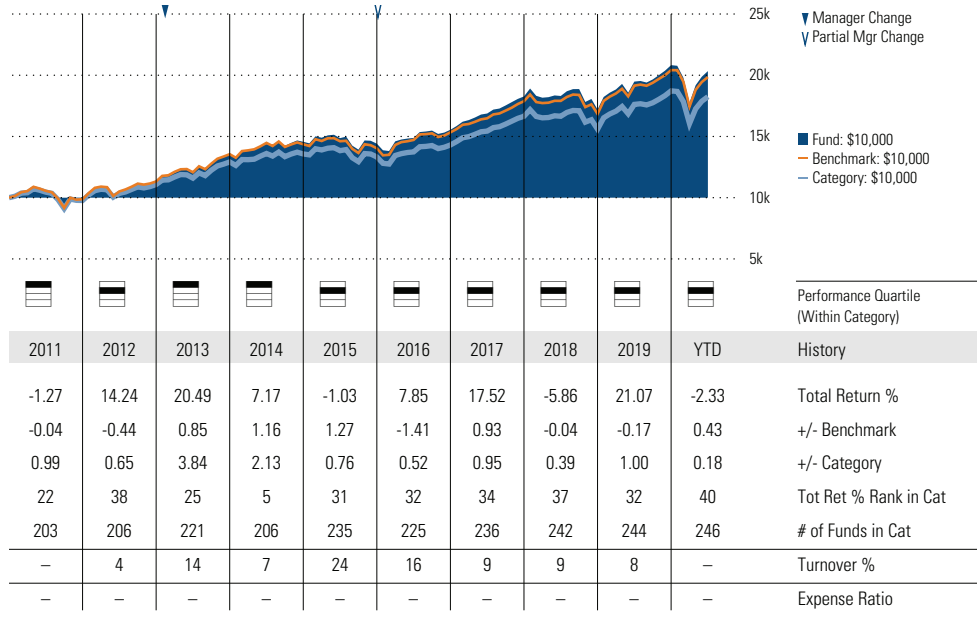
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.14 is 81.58% lower than the Target-Date 2030 category average.

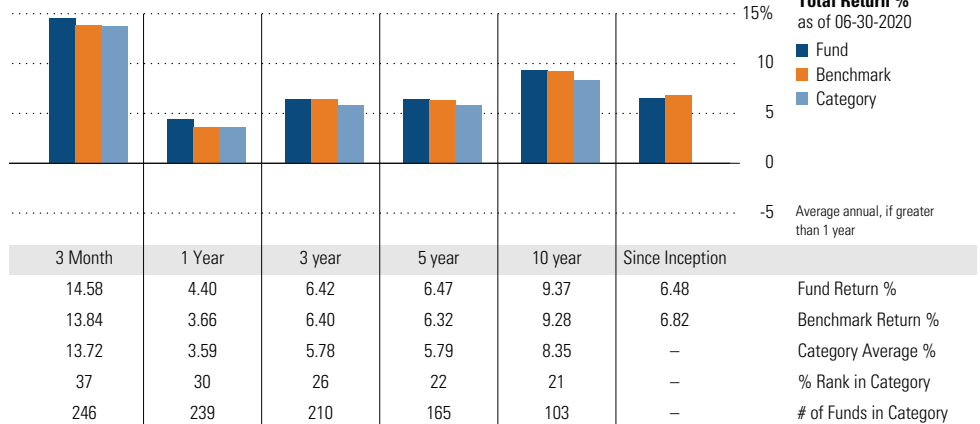
## Morningstar Investment Management LLC Analysis

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.

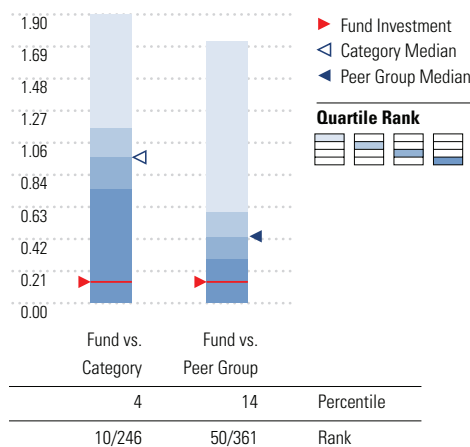
## Growth of \$10,000



## 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	-0.08	-	-0.63
Beta	1.02	-	0.98
R-Squared	99.60	-	97.73
Standard Deviation	11.65	11.41	11.29
Sharpe Ratio	0.45	0.45	0.39
Tracking Error	0.77	-	1.78
Information Ratio	0.03	-	-0.49
Up Capture Ratio	103.11	-	96.69
Down Capture Ratio	104.50	-	101.65

## Portfolio Metrics

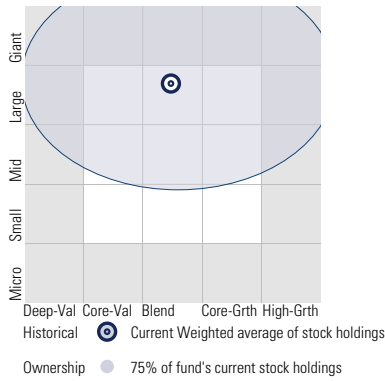
	Fund	Bmark	Cat
Price/Earnings Ratio	17.78	17.60	17.87
Price/Book Ratio	2.19	2.10	2.20
Avg Eff Duration	6.77	10.74	5.64

# Vanguard Target Retirement 2030 Inv VTHR

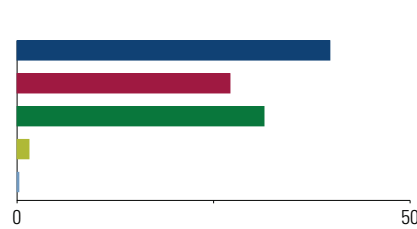
**Morningstar Category**  
Target-Date 2030

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

**Style Analysis** as of 06-30-2020  
Morningstar Style Box™

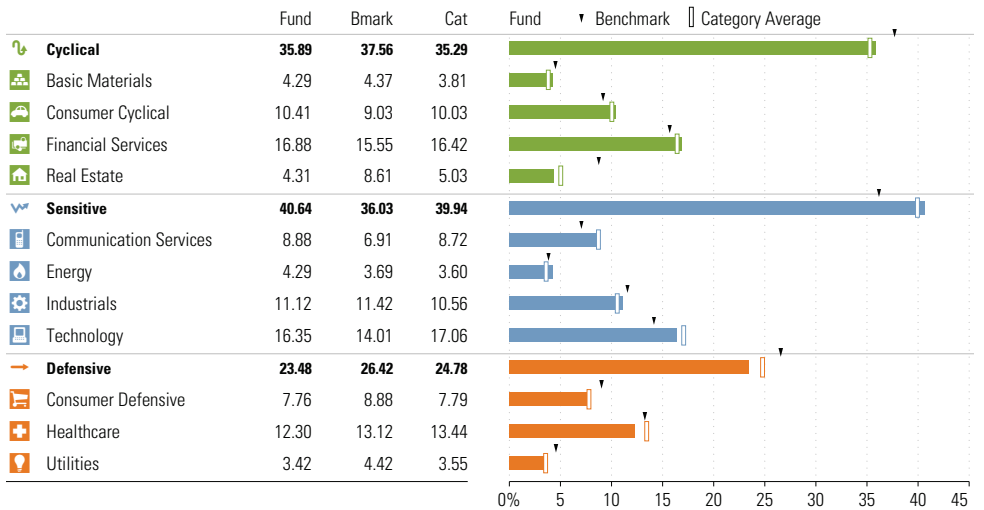


**Asset Allocation** as of 06-30-2020



Asset Class	Net %	Cat%
US Stocks	39.79	39.62
Non-US Stocks	27.08	20.98
Bonds	31.41	28.38
Cash	1.51	3.13
Other	0.22	7.87
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 06-30-2020



**Style Breakdown**



**Top 5 Holdings** as of 06-30-2020

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	-	27.35	67.84	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	22.53	90.37	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	9.51	99.88	-	-
⊕ Cmt Market Liquidity Rate	-	0.12	100.00	-	-

**Total Holdings** 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 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 7.36 years.

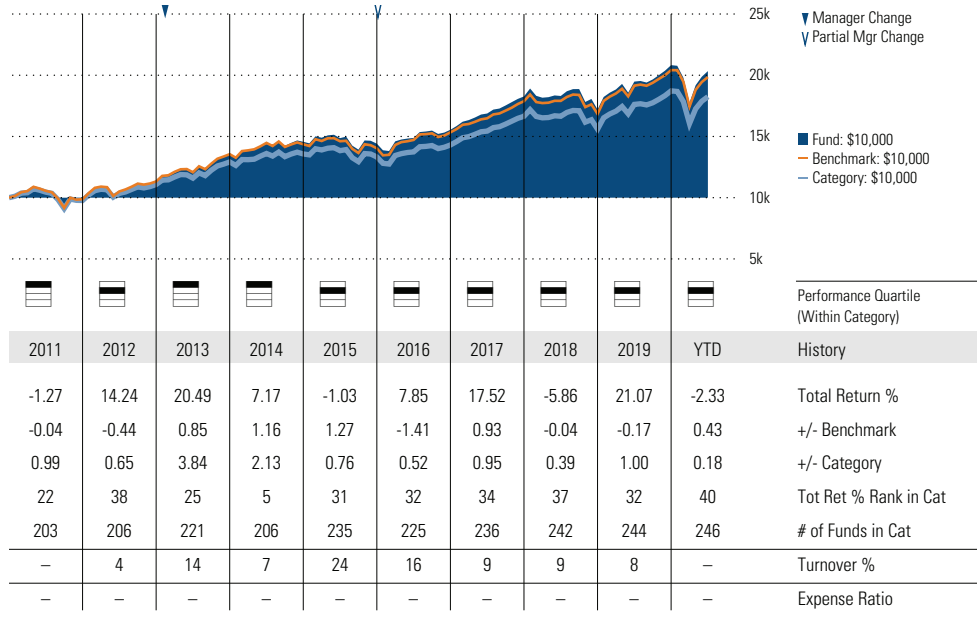
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.14 is 81.58% lower than the Target-Date 2030 category average.

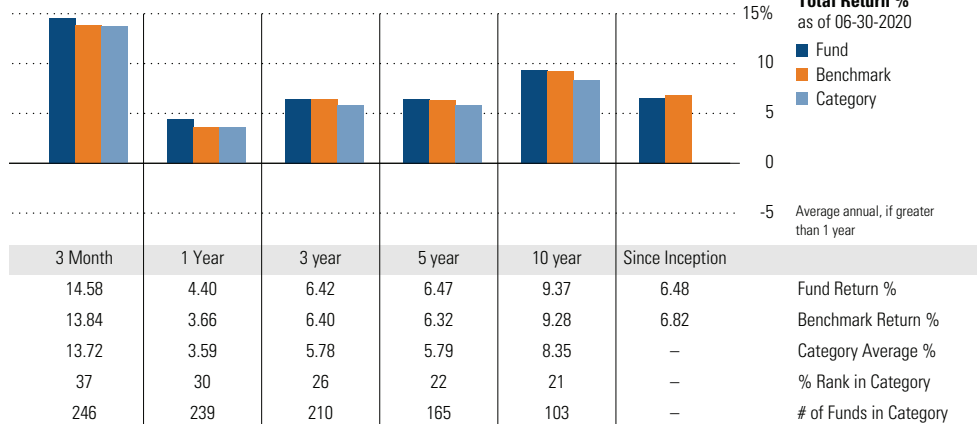
## Morningstar Investment Management LLC Analysis

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.

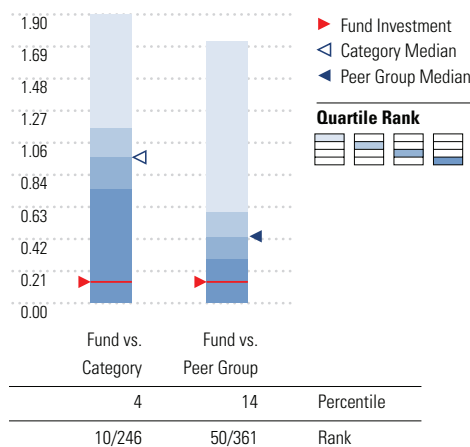
## Growth of \$10,000



## 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	-0.08	-	-0.63
Beta	1.02	-	0.98
R-Squared	99.60	-	97.73
Standard Deviation	11.65	11.41	11.29
Sharpe Ratio	0.45	0.45	0.39
Tracking Error	0.77	-	1.78
Information Ratio	0.03	-	-0.49
Up Capture Ratio	103.11	-	96.69
Down Capture Ratio	104.50	-	101.65

## Portfolio Metrics

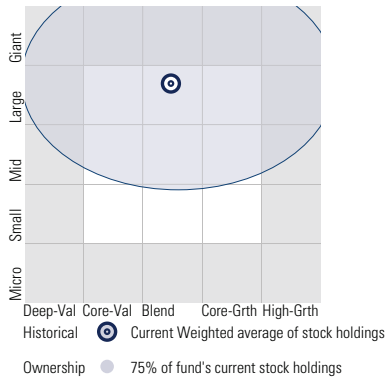
	Fund	Bmark	Cat
Price/Earnings Ratio	17.78	17.60	17.87
Price/Book Ratio	2.19	2.10	2.20
Avg Eff Duration	6.77	10.74	5.64

# Vanguard Target Retirement 2030 Inv VTHR

**Morningstar Category**  
Target-Date 2030

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

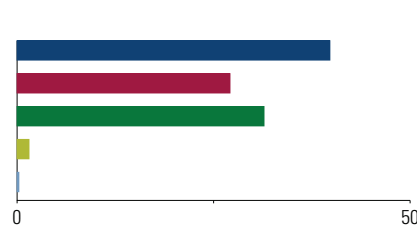
**Style Analysis** as of 06-30-2020  
Morningstar Style Box™



**Style Breakdown**



**Asset Allocation** as of 06-30-2020



Asset Class	Net %	Cat%
US Stocks	39.79	39.62
Non-US Stocks	27.08	20.98
Bonds	31.41	28.38
Cash	1.51	3.13
Other	0.22	7.87
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 06-30-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>35.89</b>	<b>37.56</b>	<b>35.29</b>			
Basic Materials	4.29	4.37	3.81			
Consumer Cyclical	10.41	9.03	10.03			
Financial Services	16.88	15.55	16.42			
Real Estate	4.31	8.61	5.03			
<b>Sensitive</b>	<b>40.64</b>	<b>36.03</b>	<b>39.94</b>			
Communication Services	8.88	6.91	8.72			
Energy	4.29	3.69	3.60			
Industrials	11.12	11.42	10.56			
Technology	16.35	14.01	17.06			
<b>Defensive</b>	<b>23.48</b>	<b>26.42</b>	<b>24.78</b>			
Consumer Defensive	7.76	8.88	7.79			
Healthcare	12.30	13.12	13.44			
Utilities	3.42	4.42	3.55			

**Top 5 Holdings** as of 06-30-2020

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	—	27.35	67.84	—	—
⊖ Vanguard Total Bond Market II Idx Inv	—	22.53	90.37	—	—
⊖ Vanguard Total Intl Bd Idx Investor	—	9.51	99.88	—	—
⊕ Cmt Market Liquidity Rate	—	0.12	100.00	—	—

**Total Holdings 5**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2035 Inv VTTHX

Morningstar Category  
Target-Date 2035

Morningstar Index  
Morningstar Lifetime Mod 2035 TR  
USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 7.36 years.

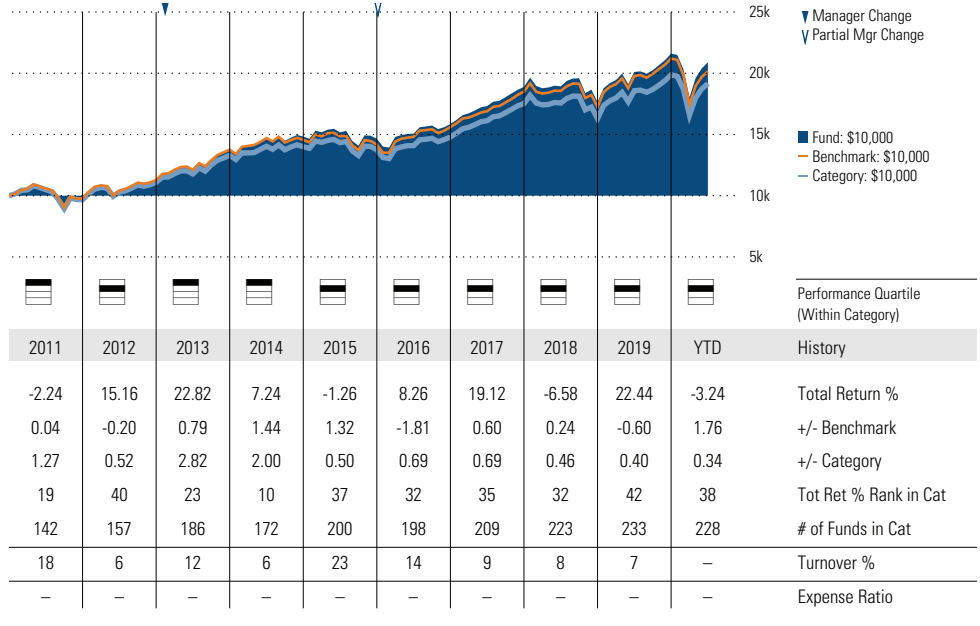
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.14 is 81.08% lower than the Target-Date 2035 category average.

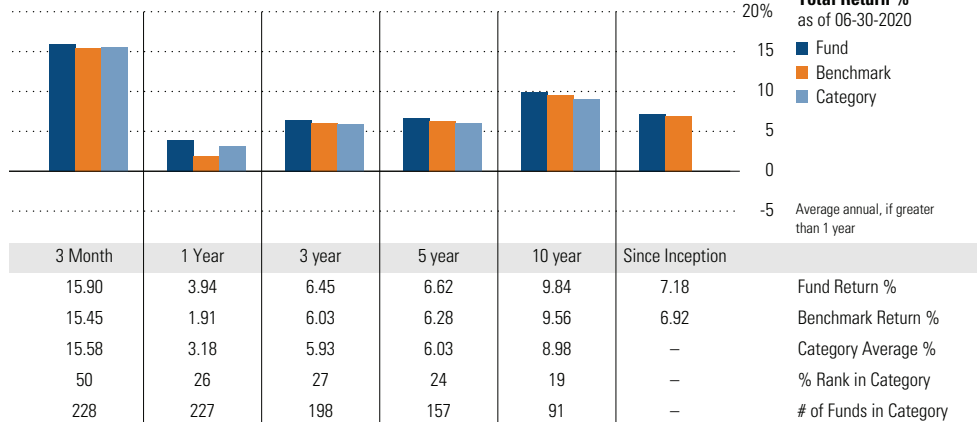
## Morningstar Investment Management LLC Analysis

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.

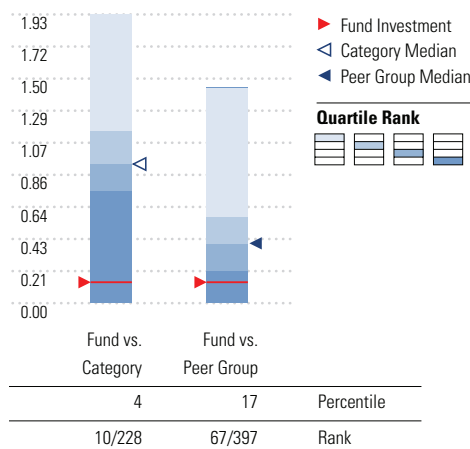
## Growth of \$10,000



## 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	0.53	-	-0.09
Beta	0.97	-	0.98
R-Squared	99.66	-	98.83
Standard Deviation	12.87	13.20	13.02
Sharpe Ratio	0.42	0.38	0.37
Tracking Error	0.83	-	1.65
Information Ratio	0.50	-	-0.18
Up Capture Ratio	99.76	-	97.94
Down Capture Ratio	96.87	-	98.51

## Portfolio Metrics

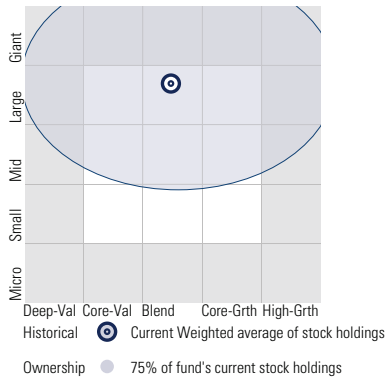
	Fund	Bmark	Cat
Price/Earnings Ratio	17.77	17.52	18.00
Price/Book Ratio	2.19	2.08	2.24
Avg Eff Duration	6.77	10.92	5.76

# Vanguard Target Retirement 2035 Inv VTTHX

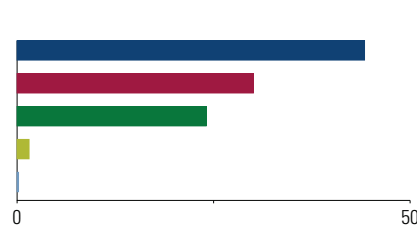
**Morningstar Category**  
Target-Date 2035

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

**Style Analysis** as of 06-30-2020  
Morningstar Style Box™



**Asset Allocation** as of 06-30-2020



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

**Sector Weighting** as of 06-30-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>35.86</b>	<b>37.48</b>	<b>35.45</b>			
Basic Materials	4.29	4.45	3.80			
Consumer Cyclical	10.41	9.11	10.07			
Financial Services	16.87	15.69	16.21			
Real Estate	4.29	8.23	5.37			
<b>Sensitive</b>	<b>40.64</b>	<b>36.14</b>	<b>40.00</b>			
Communication Services	8.89	6.95	8.83			
Energy	4.29	3.72	3.59			
Industrials	11.12	11.50	10.46			
Technology	16.34	13.97	17.12			
<b>Defensive</b>	<b>23.48</b>	<b>26.38</b>	<b>24.56</b>			
Consumer Defensive	7.75	8.89	7.65			
Healthcare	12.30	13.08	13.38			
Utilities	3.43	4.41	3.53			

**Style Breakdown**



**Top 5 Holdings** as of 06-30-2020

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

**Total Holdings** 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 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 7.36 years.

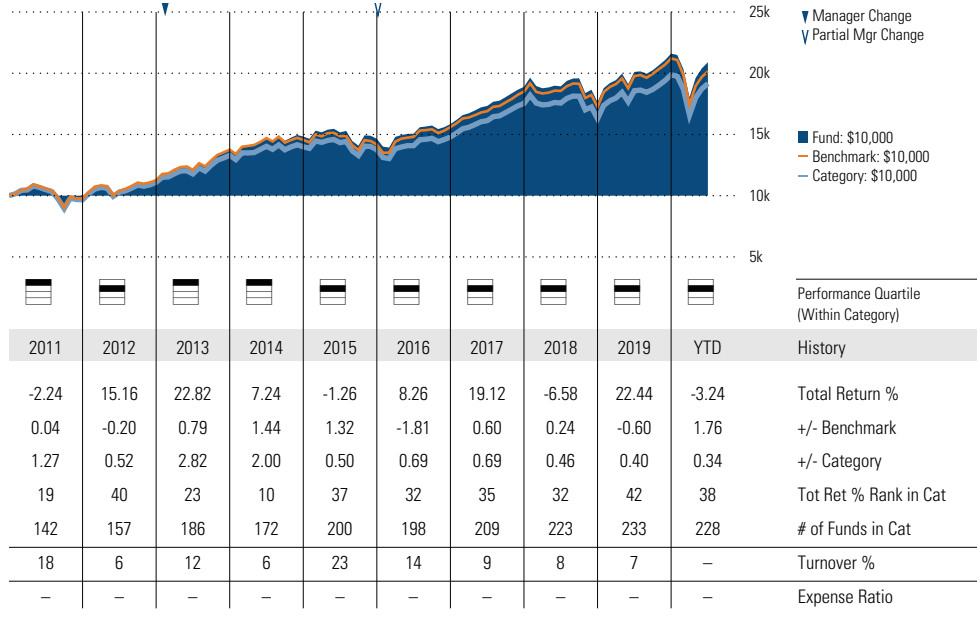
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.14 is 81.08% lower than the Target-Date 2035 category average.

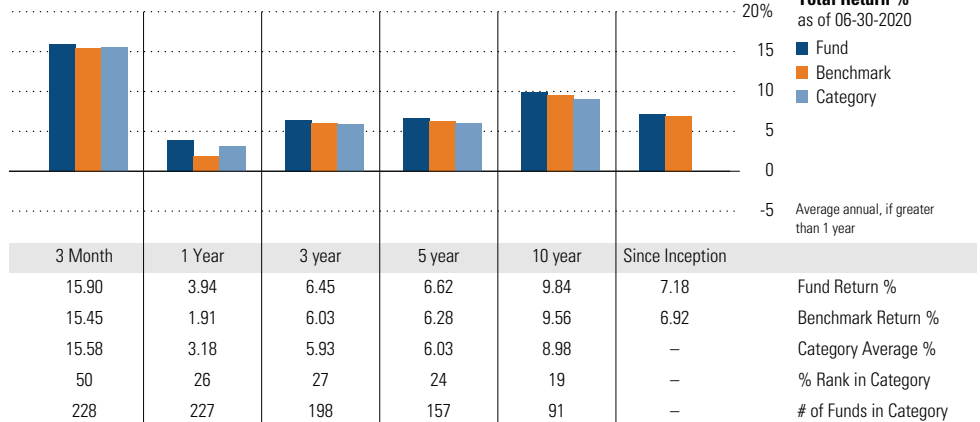
## Morningstar Investment Management LLC Analysis

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.

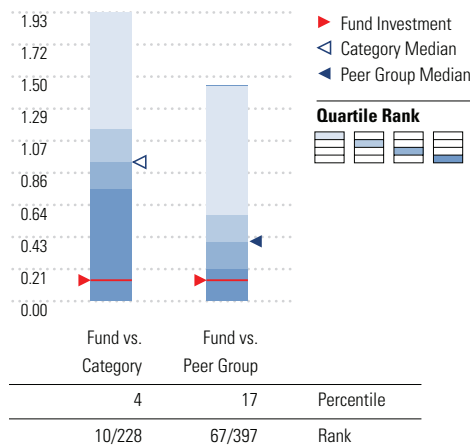
## Growth of \$10,000



## 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	0.53	-	-0.09
Beta	0.97	-	0.98
R-Squared	99.66	-	98.83
Standard Deviation	12.87	13.20	13.02
Sharpe Ratio	0.42	0.38	0.37
Tracking Error	0.83	-	1.65
Information Ratio	0.50	-	-0.18
Up Capture Ratio	99.76	-	97.94
Down Capture Ratio	96.87	-	98.51

## Portfolio Metrics

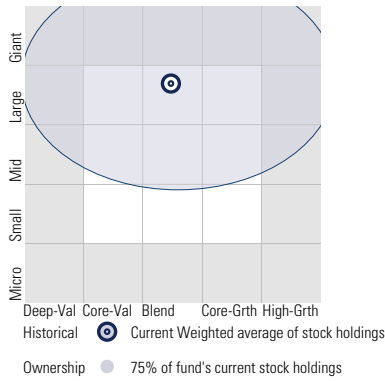
	Fund	Bmark	Cat
Price/Earnings Ratio	17.77	17.52	18.00
Price/Book Ratio	2.19	2.08	2.24
Avg Eff Duration	6.77	10.92	5.76

# Vanguard Target Retirement 2035 Inv VTTHX

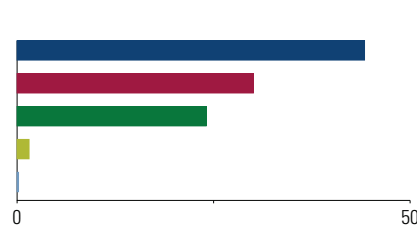
**Morningstar Category**  
Target-Date 2035

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

**Style Analysis** as of 06-30-2020  
Morningstar Style Box™

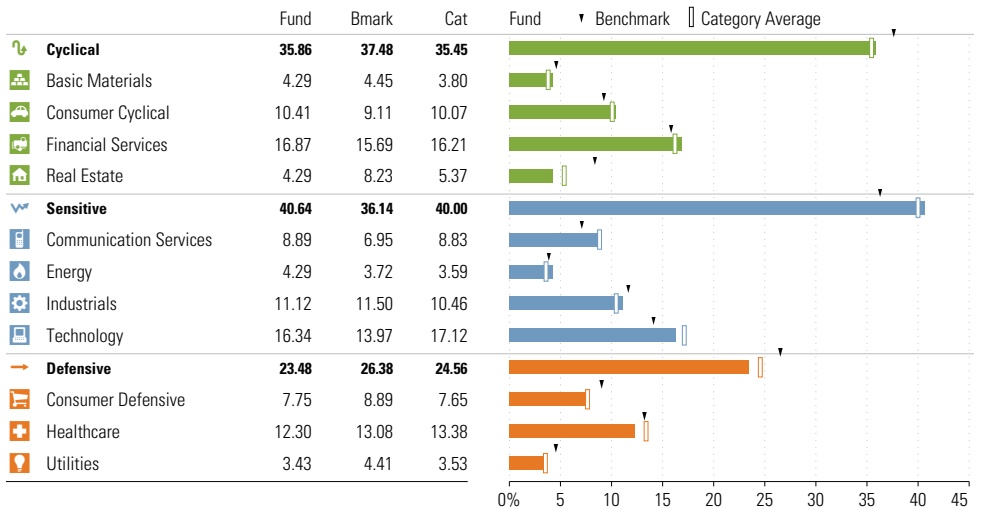


**Asset Allocation** as of 06-30-2020



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

**Sector Weighting** as of 06-30-2020



**Style Breakdown**



**Top 5 Holdings** as of 06-30-2020

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

**Total Holdings** 5

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# Vanguard Target Retirement 2040 Inv VFORX

**Morningstar Category**  
Target-Date 2040

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 7.36 years.

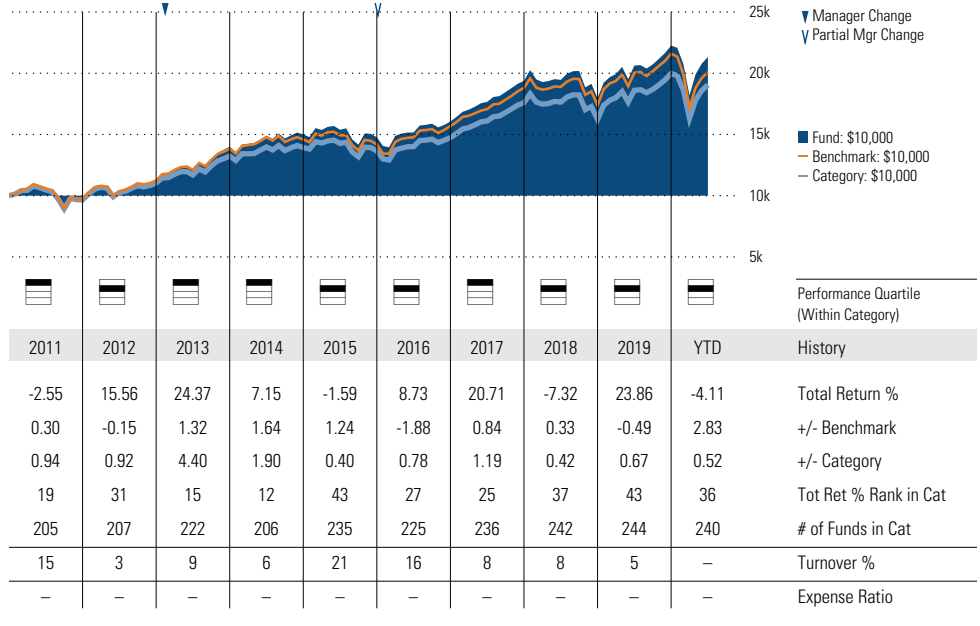
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.14 is 82.05% lower than the Target-Date 2040 category average.

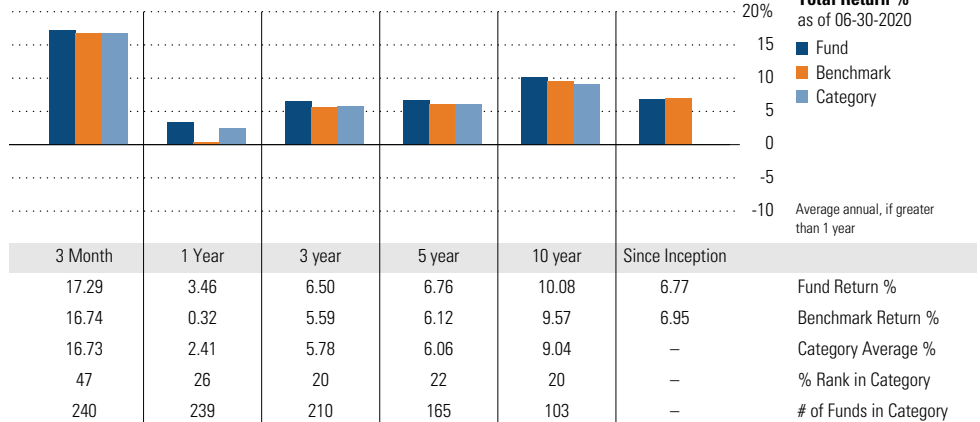
## Morningstar Investment Management LLC Analysis

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

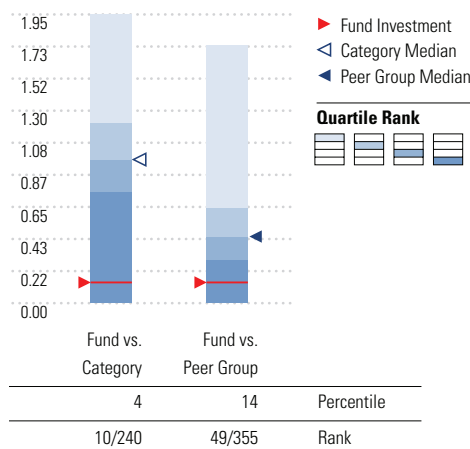
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.04	-	0.35
Beta	0.96	-	0.95
R-Squared	99.58	-	98.05
Standard Deviation	14.10	14.66	13.98
Sharpe Ratio	0.40	0.33	0.34
Tracking Error	1.09	-	1.96
Information Ratio	0.84	-	0.05
Up Capture Ratio	99.72	-	95.76
Down Capture Ratio	94.34	-	93.94

## Portfolio Metrics

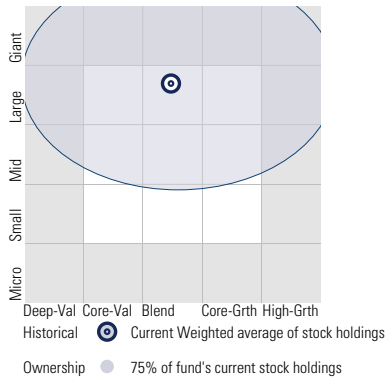
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.76	17.44	17.85
Price/Book Ratio	2.19	2.06	2.20
Avg Eff Duration	6.77	11.09	5.80

# Vanguard Target Retirement 2040 Inv VFORX

**Morningstar Category**  
Target-Date 2040

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

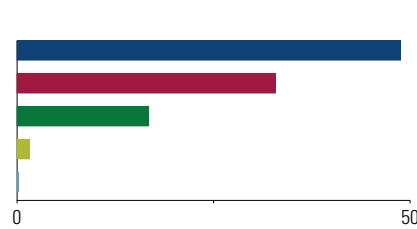
**Style Analysis** as of 06-30-2020  
Morningstar Style Box™



**Style Breakdown**

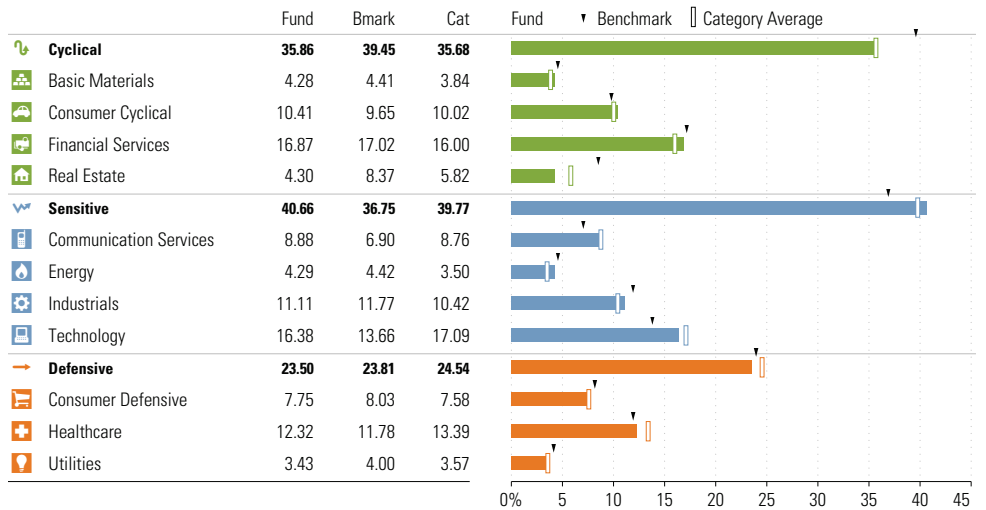


**Asset Allocation** as of 06-30-2020



Asset Class	Net %	Cat%
US Stocks	48.77	49.73
Non-US Stocks	32.85	27.58
Bonds	16.68	12.16
Cash	1.55	2.86
Other	0.14	7.67
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 06-30-2020



**Top 5 Holdings** as of 06-30-2020

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

**Total Holdings 5**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 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 7.36 years.

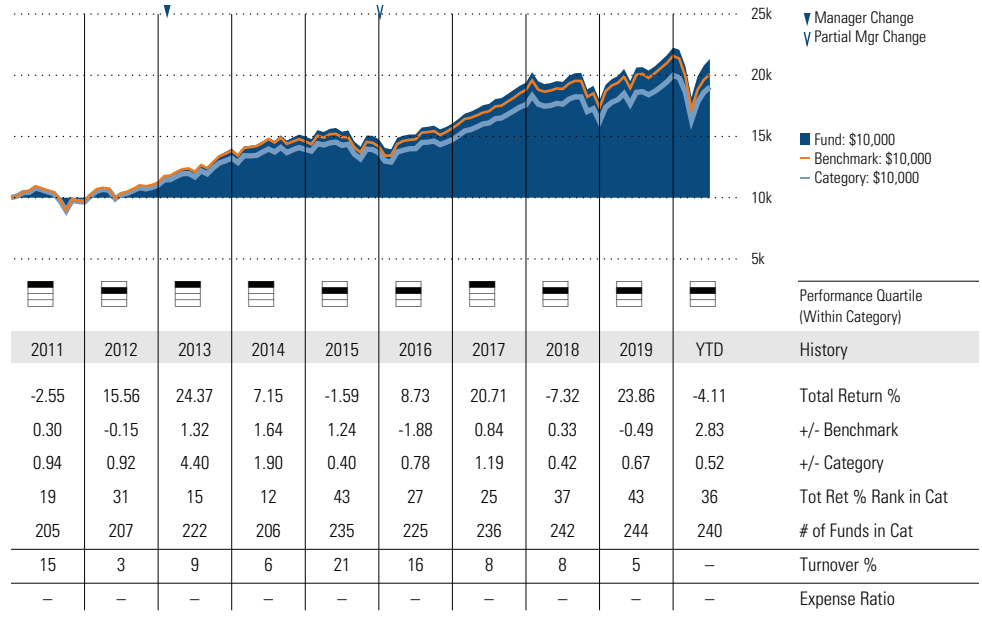
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.14 is 82.05% lower than the Target-Date 2040 category average.

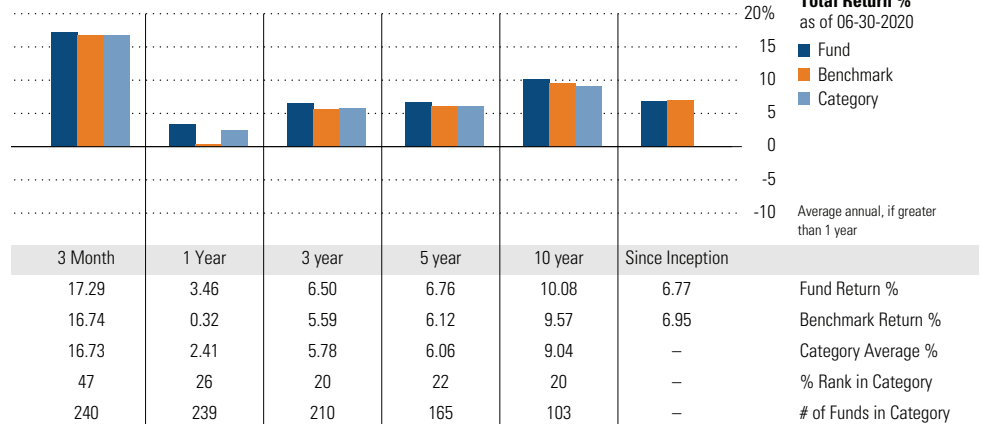
## Morningstar Investment Management LLC Analysis

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

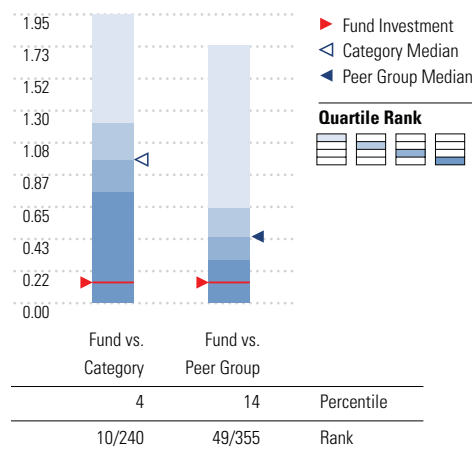
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.04	-	0.35
Beta	0.96	-	0.95
R-Squared	99.58	-	98.05
Standard Deviation	14.10	14.66	13.98
Sharpe Ratio	0.40	0.33	0.34
Tracking Error	1.09	-	1.96
Information Ratio	0.84	-	0.05
Up Capture Ratio	99.72	-	95.76
Down Capture Ratio	94.34	-	93.94

## Portfolio Metrics

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

# Vanguard Target Retirement 2040 Inv VFORX

**Morningstar Category**  
Target-Date 2040

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

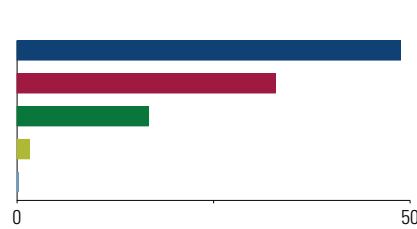
**Style Analysis** as of 06-30-2020  
Morningstar Style Box™



**Style Breakdown**

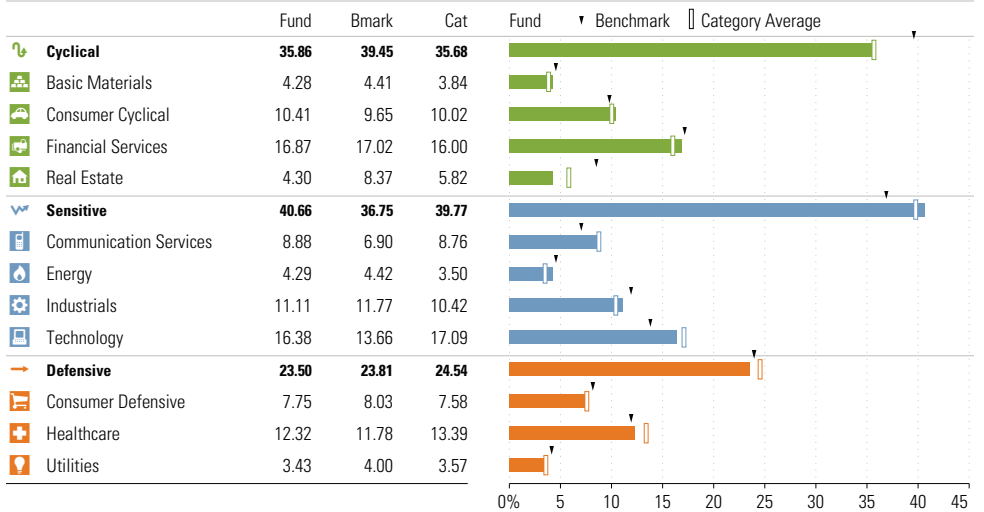


**Asset Allocation** as of 06-30-2020



Asset Class	Net %	Cat%
US Stocks	48.77	49.73
Non-US Stocks	32.85	27.58
Bonds	16.68	12.16
Cash	1.55	2.86
Other	0.14	7.67
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 06-30-2020



**Top 5 Holdings** as of 06-30-2020

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

**Total Holdings 5**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2045 Inv VTIVX

**Morningstar Category**  
Target-Date 2045

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 7.36 years.

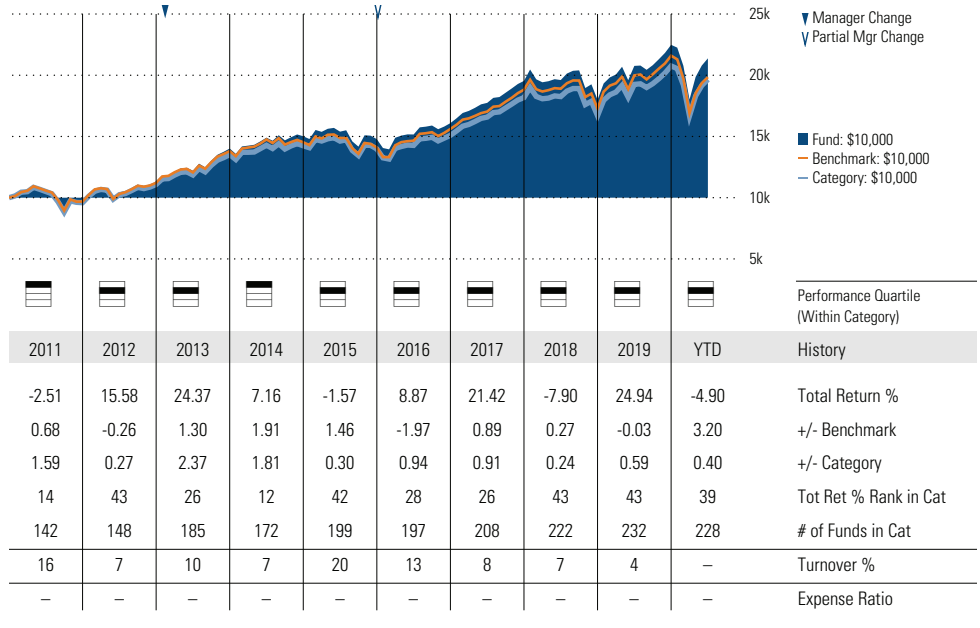
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.15 is 80% lower than the Target-Date 2045 category average.

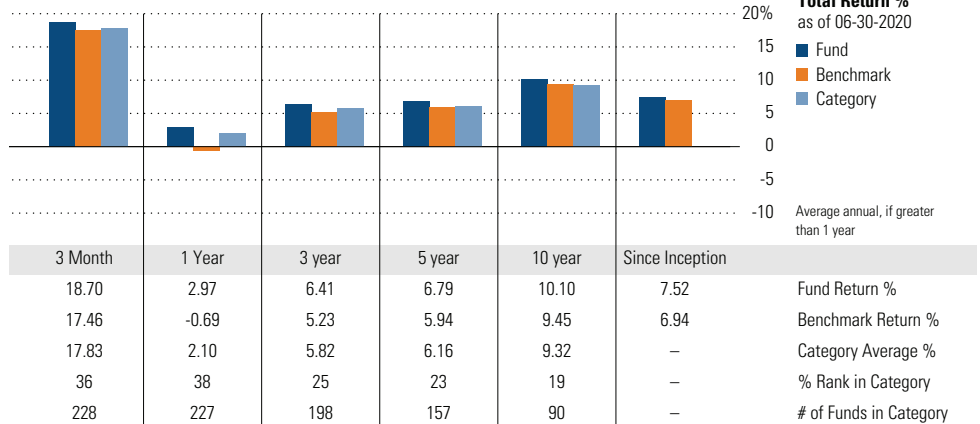
## Morningstar Investment Management LLC Analysis

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

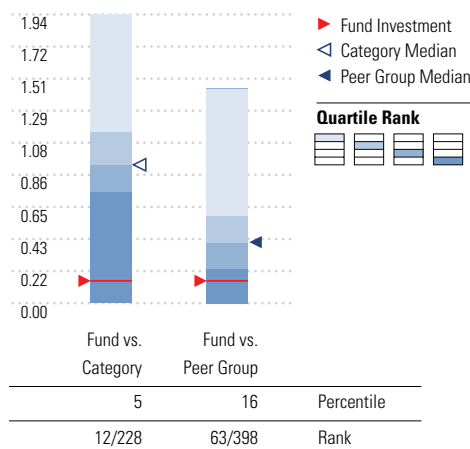
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.21	-	0.63
Beta	0.98	-	0.96
R-Squared	99.54	-	98.92
Standard Deviation	15.15	15.46	14.99
Sharpe Ratio	0.38	0.30	0.34
Tracking Error	1.09	-	1.71
Information Ratio	1.08	-	0.23
Up Capture Ratio	101.67	-	98.08
Down Capture Ratio	95.69	-	94.84

## Portfolio Metrics

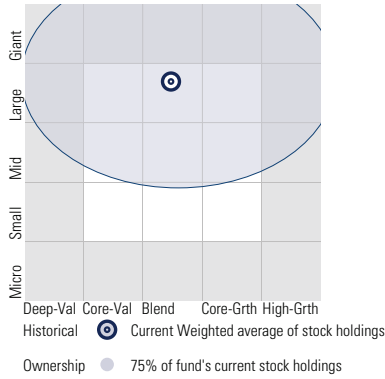
	Fund	Bmark	Cat
Price/Earnings Ratio	17.76	17.36	18.17
Price/Book Ratio	2.19	2.04	2.23
Avg Eff Duration	6.77	-	5.86

# Vanguard Target Retirement 2045 Inv VTIVX

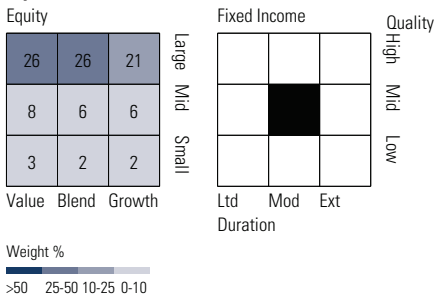
**Morningstar Category**  
Target-Date 2045

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

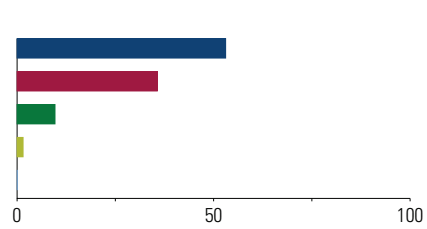
**Style Analysis** as of 06-30-2020  
Morningstar Style Box™



**Style Breakdown**



**Asset Allocation** as of 06-30-2020



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

**Sector Weighting** as of 06-30-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>35.85</b>	<b>37.70</b>	<b>35.37</b>			
Basic Materials	4.27	4.59	3.86			
Consumer Cyclical	10.41	9.24	9.93			
Financial Services	16.86	15.88	15.78			
Real Estate	4.31	7.99	5.80			
<b>Sensitive</b>	<b>40.66</b>	<b>36.18</b>	<b>39.87</b>			
Communication Services	8.89	7.01	8.76			
Energy	4.28	3.76	3.52			
Industrials	11.11	11.56	10.27			
Technology	16.38	13.85	17.32			
<b>Defensive</b>	<b>23.48</b>	<b>26.13</b>	<b>24.76</b>			
Consumer Defensive	7.74	8.86	7.44			
Healthcare	12.32	12.89	13.72			
Utilities	3.42	4.38	3.60			

**Top 5 Holdings** as of 06-30-2020

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

**Total Holdings 5**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 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 7.36 years.

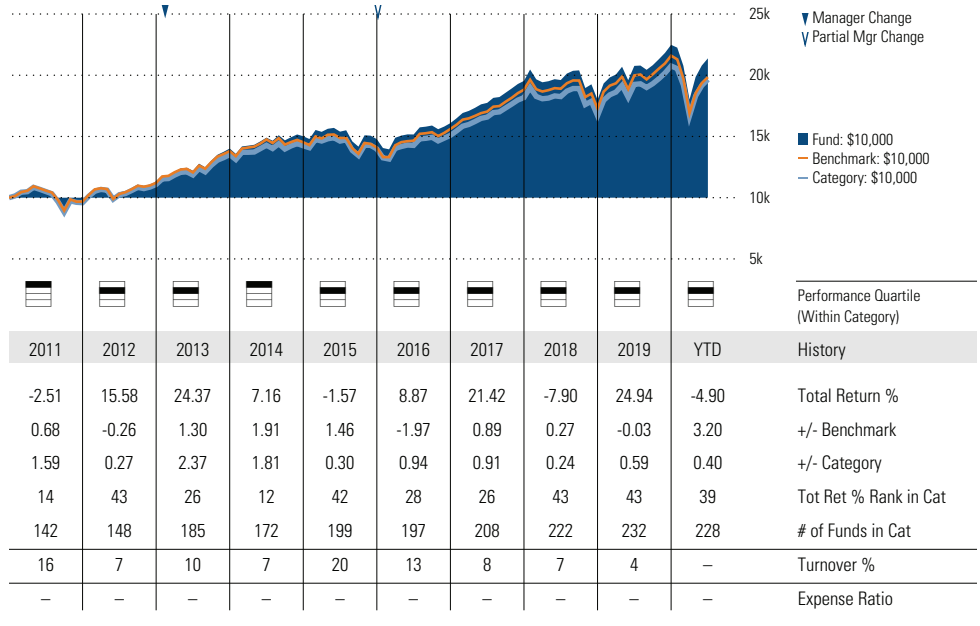
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.15 is 80% lower than the Target-Date 2045 category average.

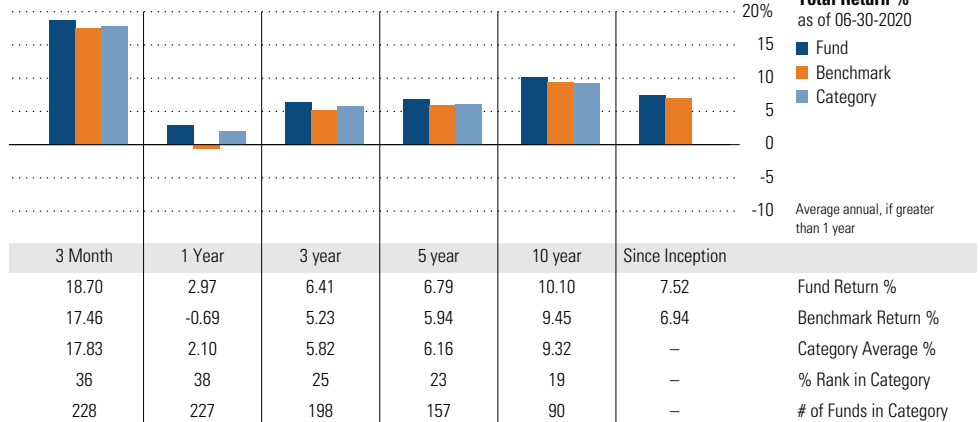
## Morningstar Investment Management LLC Analysis

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

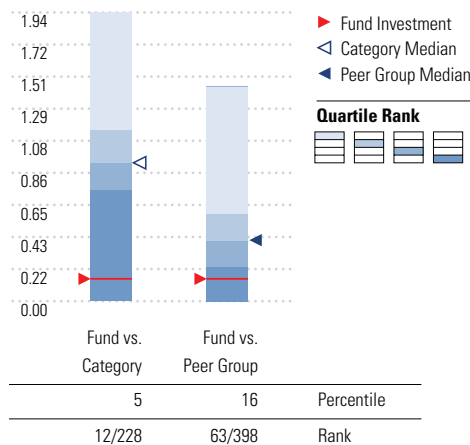
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.21	-	0.63
Beta	0.98	-	0.96
R-Squared	99.54	-	98.92
Standard Deviation	15.15	15.46	14.99
Sharpe Ratio	0.38	0.30	0.34
Tracking Error	1.09	-	1.71
Information Ratio	1.08	-	0.23
Up Capture Ratio	101.67	-	98.08
Down Capture Ratio	95.69	-	94.84

## Portfolio Metrics

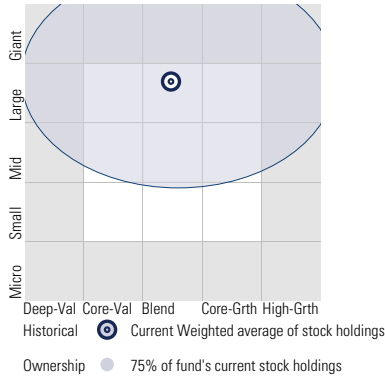
	Fund	Bmark	Cat
Price/Earnings Ratio	17.76	17.36	18.17
Price/Book Ratio	2.19	2.04	2.23
Avg Eff Duration	6.77	-	5.86

# Vanguard Target Retirement 2045 Inv VTIVX

**Morningstar Category**  
Target-Date 2045

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

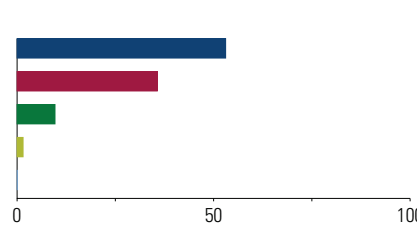
**Style Analysis** as of 06-30-2020  
Morningstar Style Box™



**Style Breakdown**

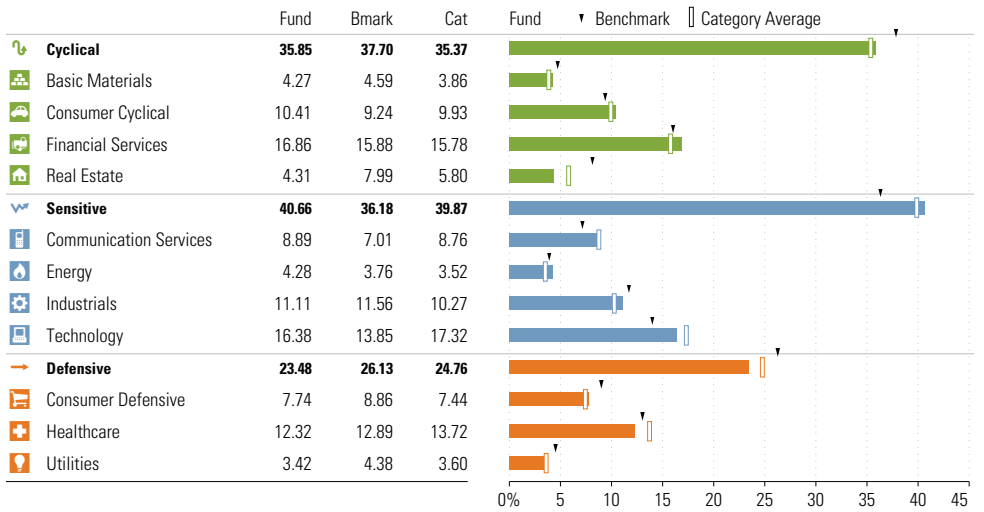


**Asset Allocation** as of 06-30-2020



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

**Sector Weighting** as of 06-30-2020



**Top 5 Holdings** as of 06-30-2020

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

**Total Holdings 5**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Target Retirement 2050 Inv 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 7.36 years.

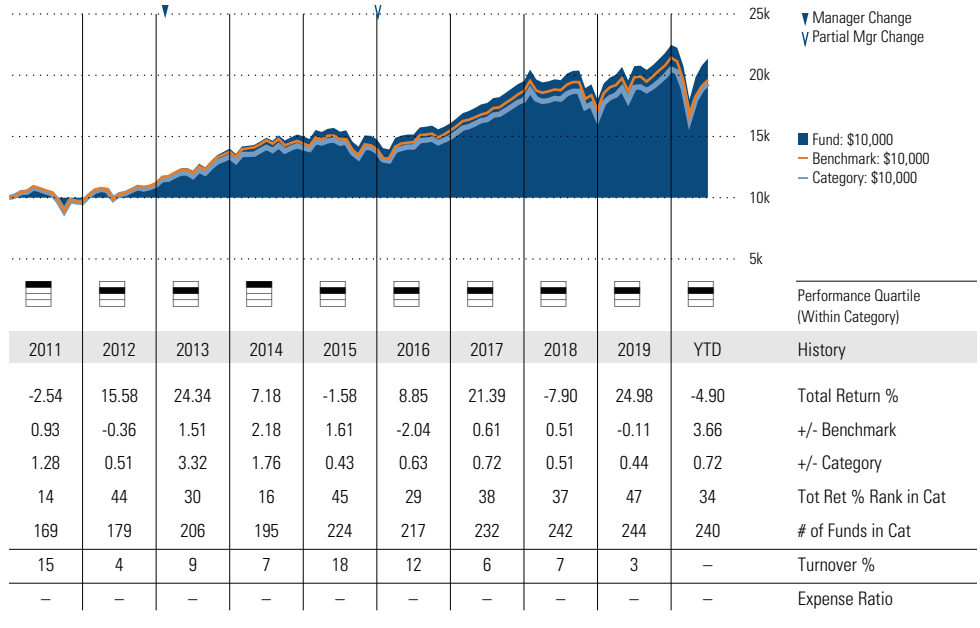
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.15 is 81.01% lower than the Target-Date 2050 category average.

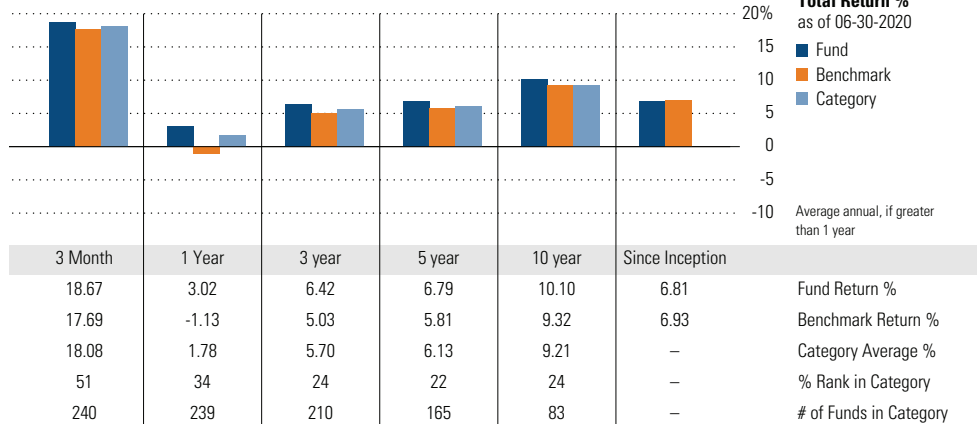
## Morningstar Investment Management LLC Analysis

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.

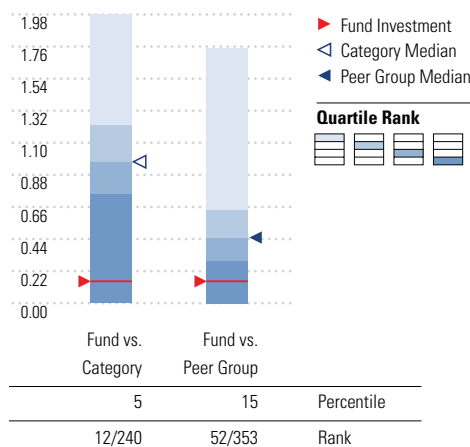
## Growth of \$10,000



## 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

Metric	Fund	Bmark	Cat
Alpha	1.46	-	0.76
Beta	0.96	-	0.95
R-Squared	99.46	-	98.04
Standard Deviation	15.15	15.72	15.09
Sharpe Ratio	0.38	0.28	0.33
Tracking Error	1.27	-	1.98
Information Ratio	1.09	-	0.31
Up Capture Ratio	100.85	-	97.46
Down Capture Ratio	93.70	-	93.72

## Portfolio Metrics

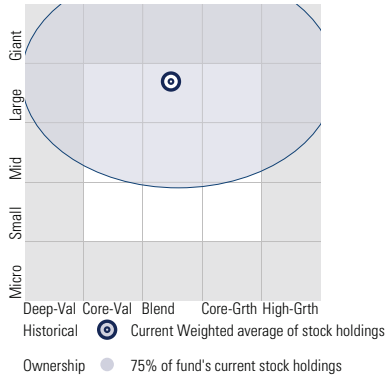
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.76	17.28	18.03
Price/Book Ratio	2.19	2.02	2.21
Avg Eff Duration	6.78	-	5.90

# Vanguard Target Retirement 2050 Inv VFIFX

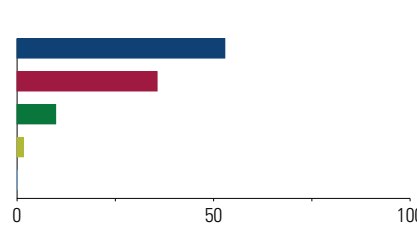
**Morningstar Category**  
Target-Date 2050

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

**Style Analysis** as of 06-30-2020  
Morningstar Style Box™

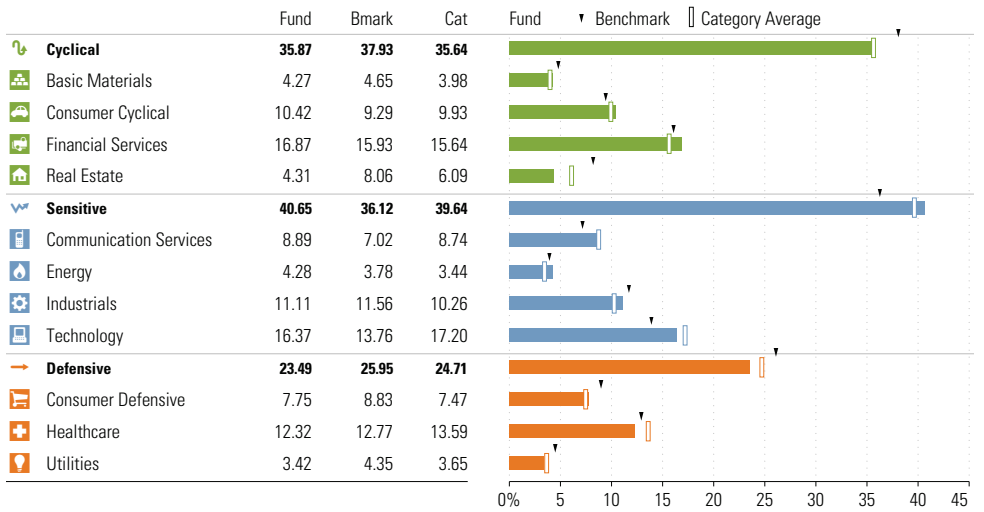


**Asset Allocation** as of 06-30-2020

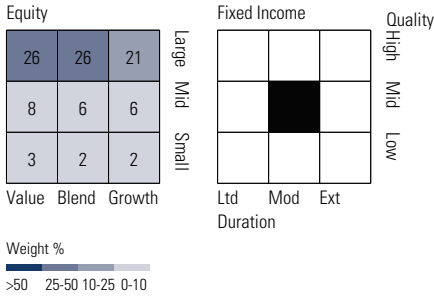


Asset Class	Net %	Cat%
US Stocks	52.85	53.96
Non-US Stocks	35.62	32.23
Bonds	9.81	5.91
Cash	1.61	2.28
Other	0.10	5.62
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 06-30-2020



**Style Breakdown**



**Top 5 Holdings** as of 06-30-2020

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

**Total Holdings 5**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 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 7.36 years.

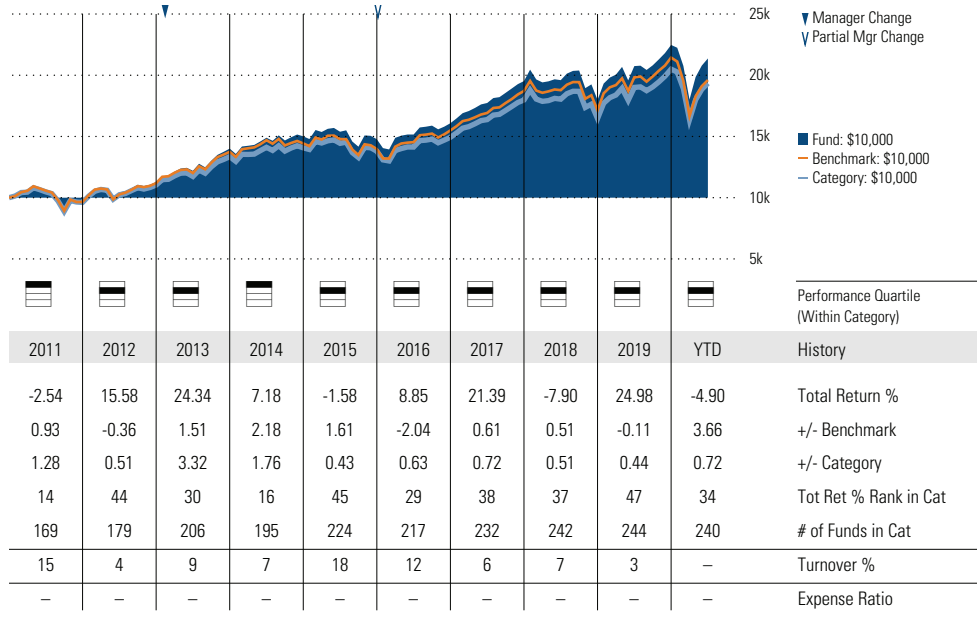
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.15 is 81.01% lower than the Target-Date 2050 category average.

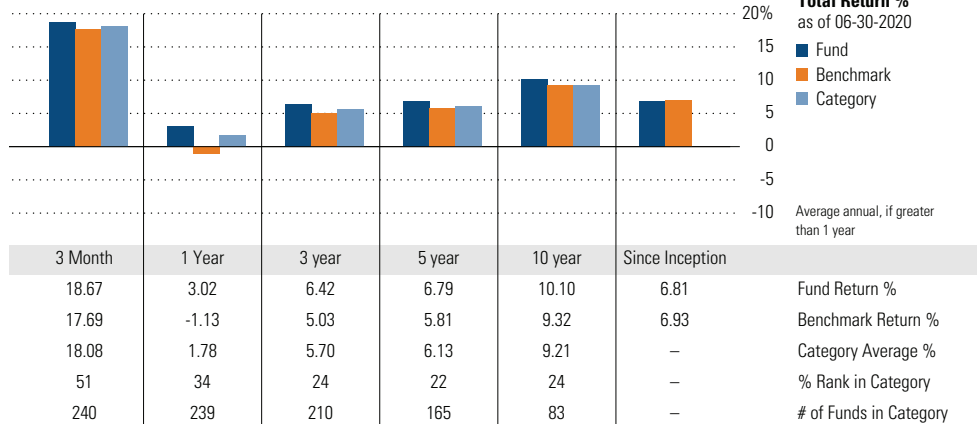
## Morningstar Investment Management LLC Analysis

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.

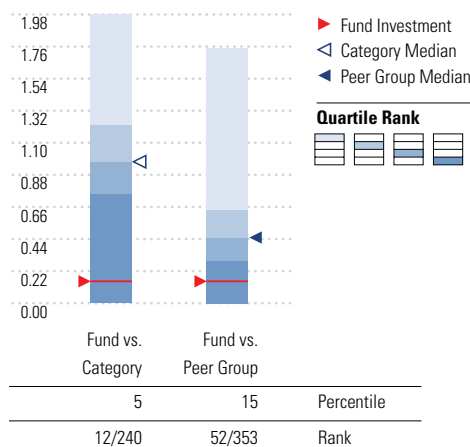
## Growth of \$10,000



## 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	1.46	-	0.76
Beta	0.96	-	0.95
R-Squared	99.46	-	98.04
Standard Deviation	15.15	15.72	15.09
Sharpe Ratio	0.38	0.28	0.33
Tracking Error	1.27	-	1.98
Information Ratio	1.09	-	0.31
Up Capture Ratio	100.85	-	97.46
Down Capture Ratio	93.70	-	93.72

## Portfolio Metrics

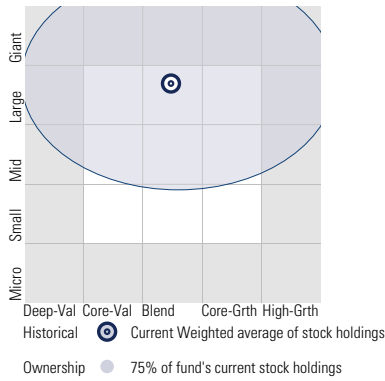
	Fund	Bmark	Cat
Price/Earnings Ratio	17.76	17.28	18.03
Price/Book Ratio	2.19	2.02	2.21
Avg Eff Duration	6.78	-	5.90

# Vanguard Target Retirement 2050 Inv VFIFX

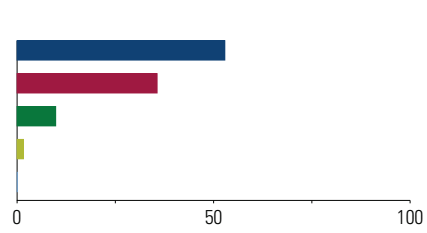
**Morningstar Category**  
Target-Date 2050

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

**Style Analysis** as of 06-30-2020  
Morningstar Style Box™



**Asset Allocation** as of 06-30-2020



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

**Sector Weighting** as of 06-30-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>35.87</b>	<b>37.93</b>	<b>35.64</b>			
Basic Materials	4.27	4.65	3.98			
Consumer Cyclical	10.42	9.29	9.93			
Financial Services	16.87	15.93	15.64			
Real Estate	4.31	8.06	6.09			
<b>Sensitive</b>	<b>40.65</b>	<b>36.12</b>	<b>39.64</b>			
Communication Services	8.89	7.02	8.74			
Energy	4.28	3.78	3.44			
Industrials	11.11	11.56	10.26			
Technology	16.37	13.76	17.20			
<b>Defensive</b>	<b>23.49</b>	<b>25.95</b>	<b>24.71</b>			
Consumer Defensive	7.75	8.83	7.47			
Healthcare	12.32	12.77	13.59			
Utilities	3.42	4.35	3.65			

**Style Breakdown**



**Top 5 Holdings** as of 06-30-2020

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

**Total Holdings** 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2055 Inv VFFVX

**Morningstar Category**  
Target-Date 2055

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

## Portfolio Manager(s)

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

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2055 category's top three quartiles in 9 of the 9 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.36 years.

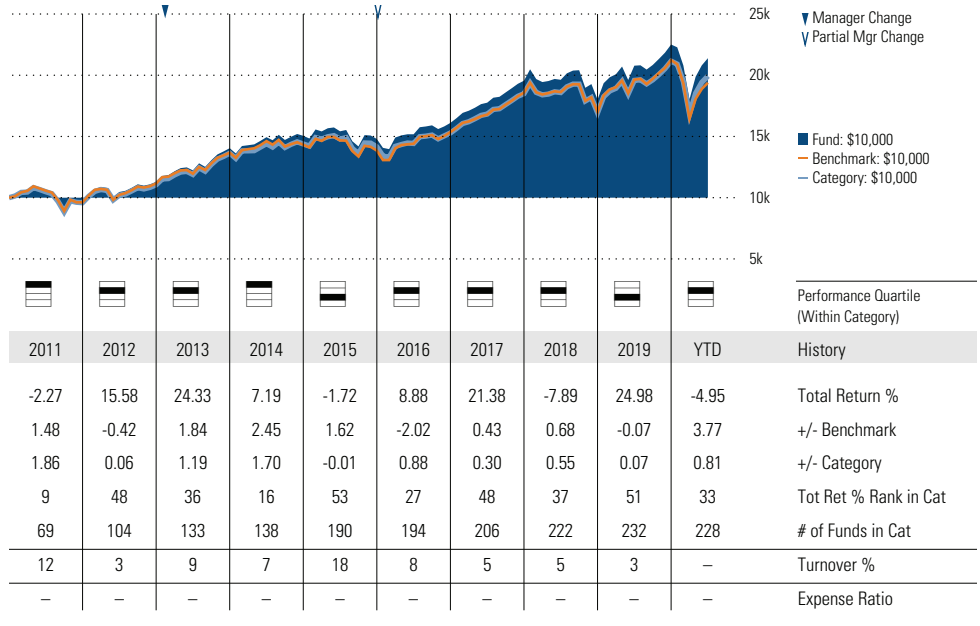
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

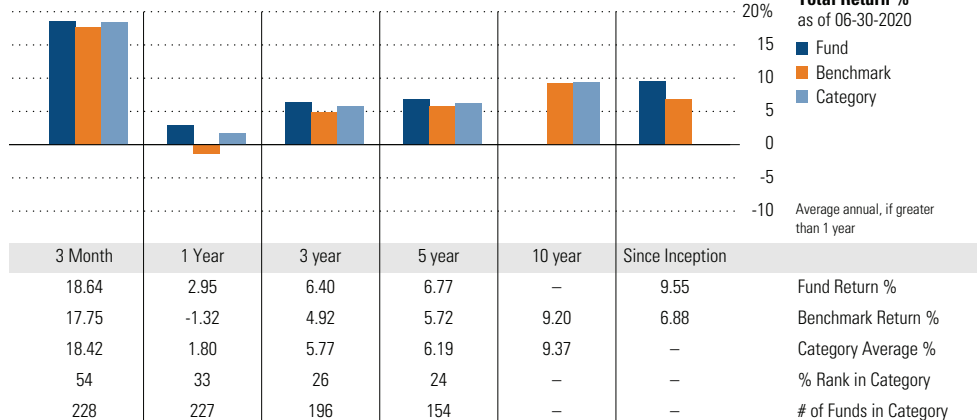
## Morningstar Investment Management LLC Analysis

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.

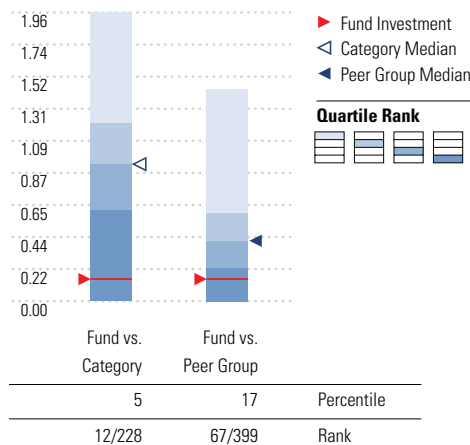
## Growth of \$10,000



## 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	1.57	-	0.87
Beta	0.96	-	0.97
R-Squared	99.45	-	98.87
Standard Deviation	15.14	15.79	15.41
Sharpe Ratio	0.37	0.28	0.33
Tracking Error	1.32	-	1.74
Information Ratio	1.13	-	0.40
Up Capture Ratio	100.62	-	99.52
Down Capture Ratio	92.93	-	95.20

## Portfolio Metrics

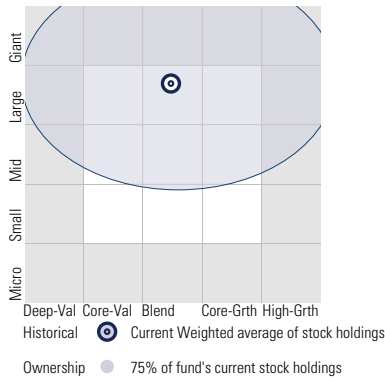
	Fund	Bmark	Cat
Price/Earnings Ratio	17.75	17.19	17.92
Price/Book Ratio	2.19	2.00	2.19
Avg Eff Duration	6.77	-	5.94

# Vanguard Target Retirement 2055 Inv VFFVX

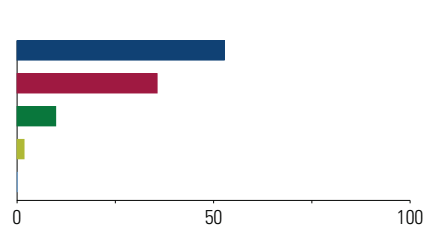
**Morningstar Category**  
Target-Date 2055

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

**Style Analysis** as of 06-30-2020  
Morningstar Style Box™

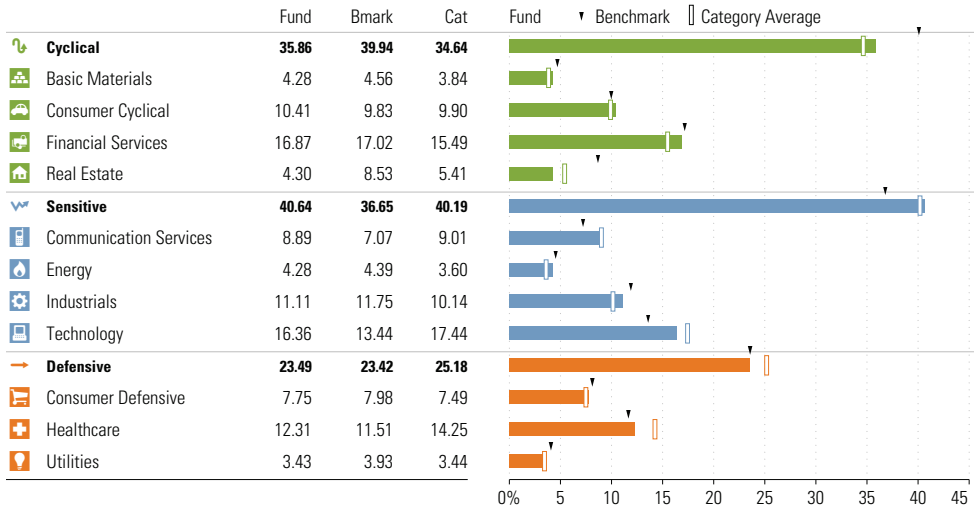


**Asset Allocation** as of 06-30-2020



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

**Sector Weighting** as of 06-30-2020



**Style Breakdown**



**Top 5 Holdings** as of 06-30-2020

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

**Total Holdings 5**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

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

✔ **Management:** The fund's management has been in place for 7.36 years.

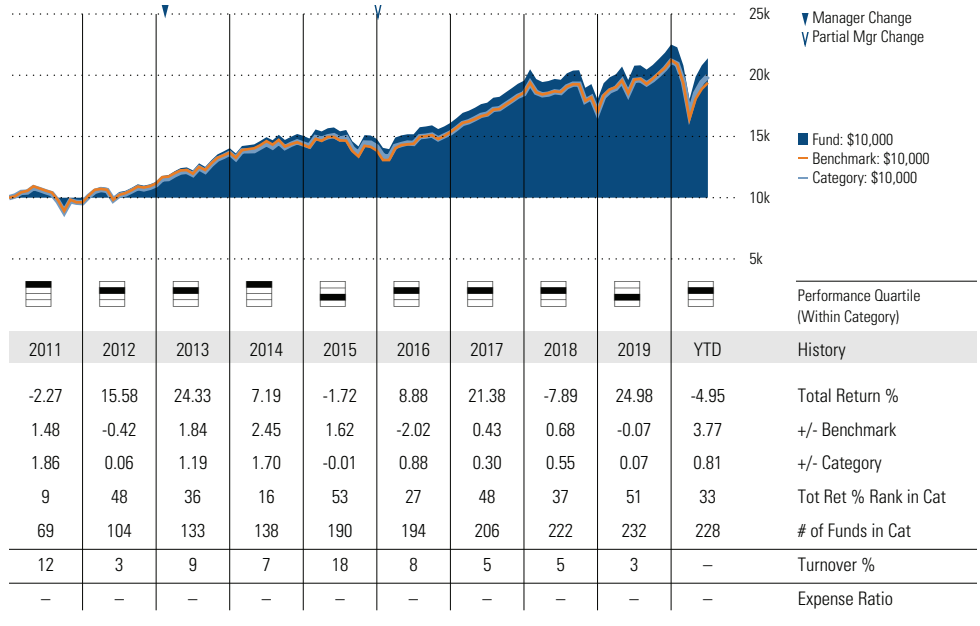
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

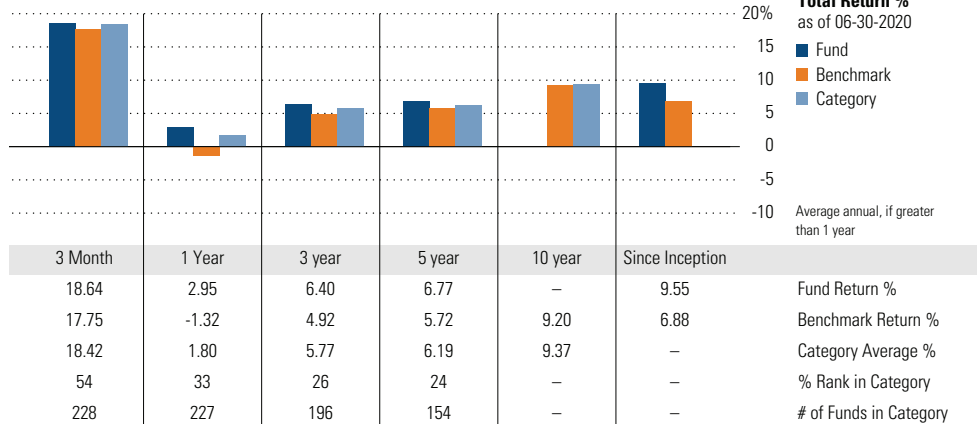
## Morningstar Investment Management LLC Analysis

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.

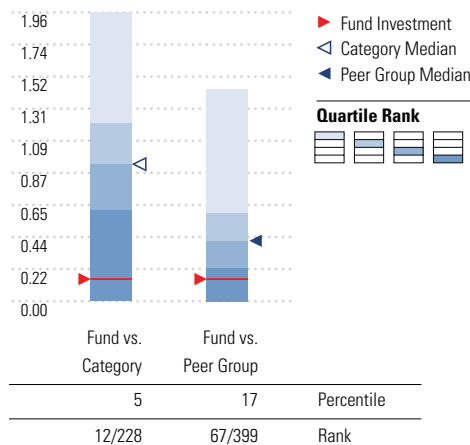
## Growth of \$10,000



## 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

Metric	Fund	Bmark	Cat
Alpha	1.57	-	0.87
Beta	0.96	-	0.97
R-Squared	99.45	-	98.87
Standard Deviation	15.14	15.79	15.41
Sharpe Ratio	0.37	0.28	0.33
Tracking Error	1.32	-	1.74
Information Ratio	1.13	-	0.40
Up Capture Ratio	100.62	-	99.52
Down Capture Ratio	92.93	-	95.20

## Portfolio Metrics

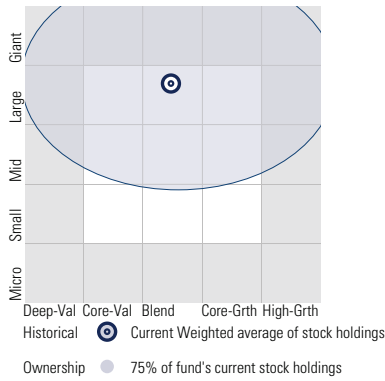
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.75	17.19	17.92
Price/Book Ratio	2.19	2.00	2.19
Avg Eff Duration	6.77	-	5.94

# Vanguard Target Retirement 2055 Inv VFFVX

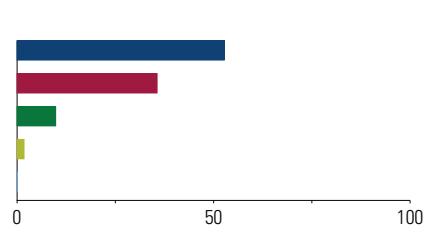
**Morningstar Category**  
Target-Date 2055

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

**Style Analysis** as of 06-30-2020  
Morningstar Style Box™

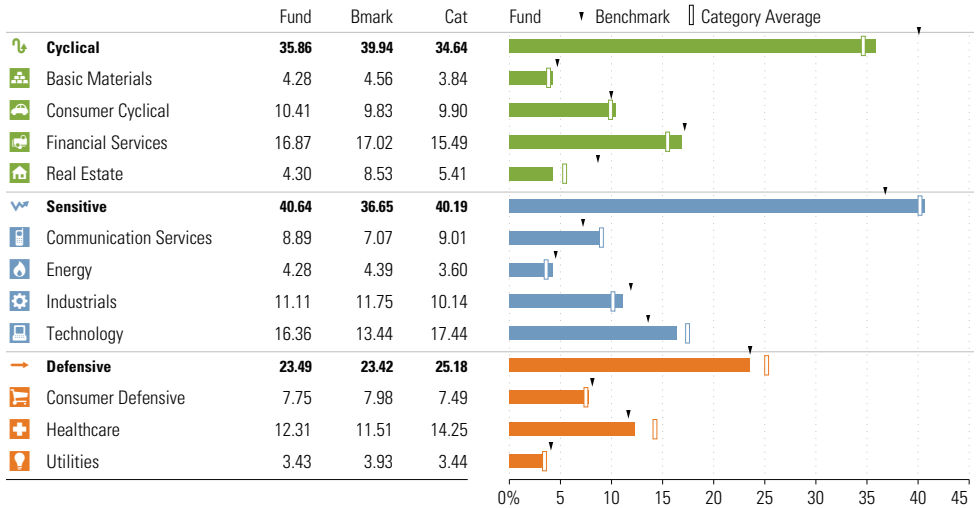


**Asset Allocation** as of 06-30-2020



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

**Sector Weighting** as of 06-30-2020



**Style Breakdown**



**Top 5 Holdings** as of 06-30-2020

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

**Total Holdings** 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Target Retirement 2060 Inv VTTSX

**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 7 of the 7 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.36 years.

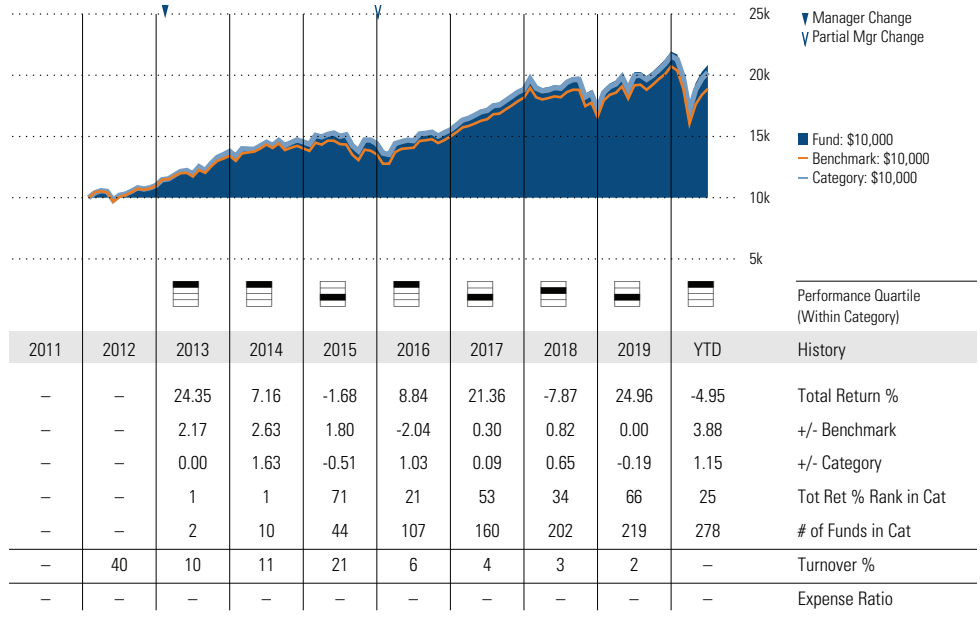
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

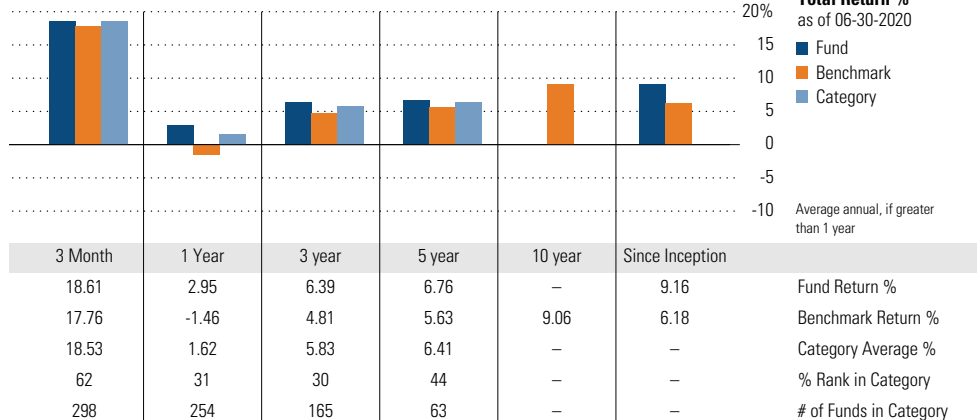
## Morningstar Investment Management LLC Analysis

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.

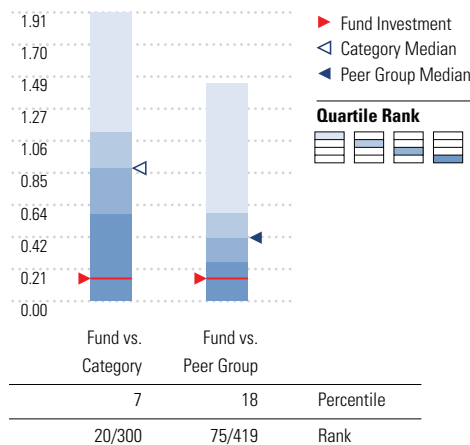
## Growth of \$10,000



## 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	1.66	-	1.02
Beta	0.95	-	0.98
R-Squared	99.39	-	98.80
Standard Deviation	15.14	15.81	15.51
Sharpe Ratio	0.37	0.27	0.33
Tracking Error	1.39	-	1.80
Information Ratio	1.14	-	0.49
Up Capture Ratio	100.77	-	100.51
Down Capture Ratio	92.63	-	95.49

## Portfolio Metrics

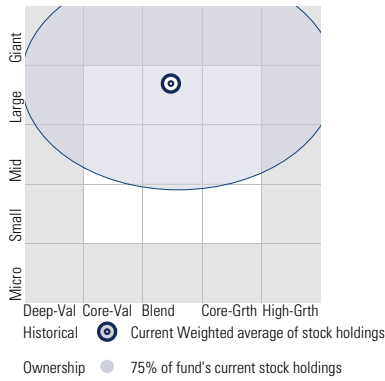
	Fund	Bmark	Cat
Price/Earnings Ratio	17.75	17.12	-
Price/Book Ratio	2.18	1.99	-
Avg Eff Duration	6.78	-	5.93

# Vanguard Target Retirement 2060 Inv VTTSX

**Morningstar Category**  
Target-Date 2060+

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

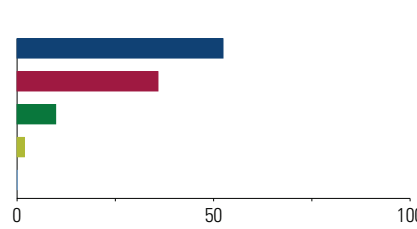
**Style Analysis** as of 06-30-2020  
Morningstar Style Box™



**Style Breakdown**

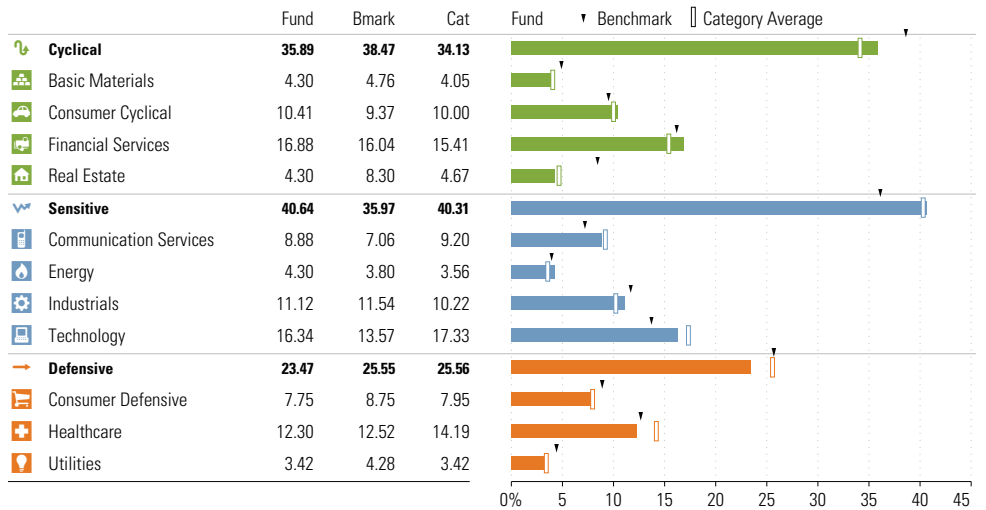


**Asset Allocation** as of 06-30-2020



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

**Sector Weighting** as of 06-30-2020



**Top 5 Holdings** as of 06-30-2020

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

**Total Holdings 5**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2060 Inv VTTSX

**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 7 of the 7 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.36 years.

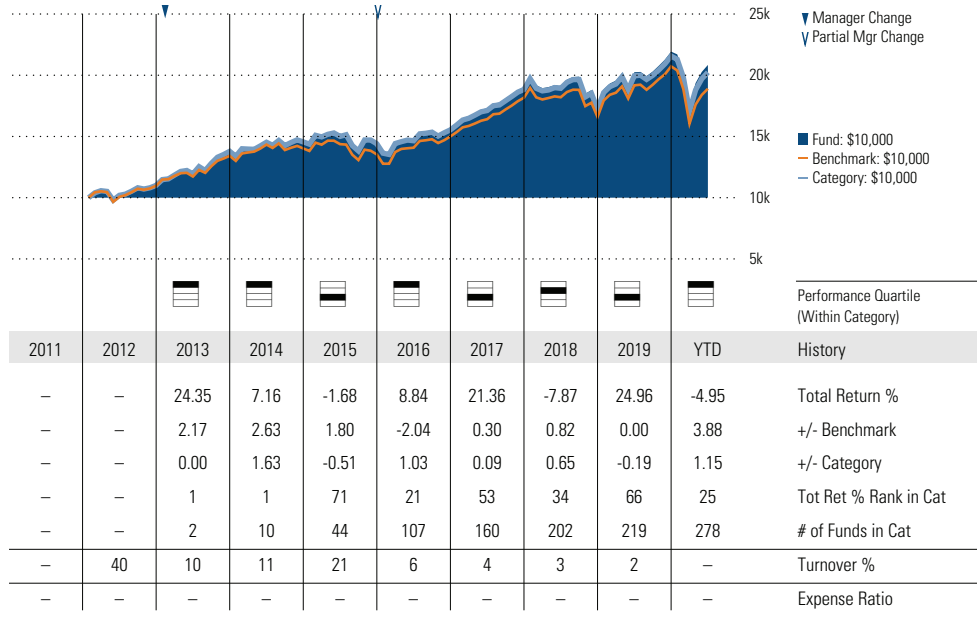
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

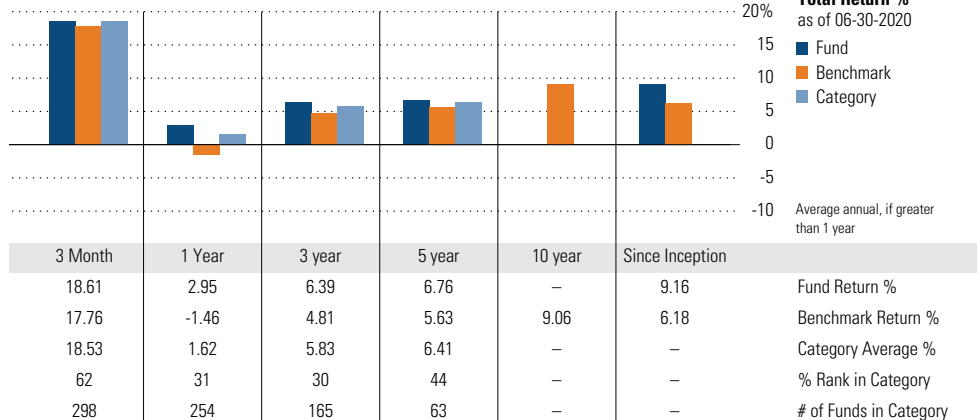
## Morningstar Investment Management LLC Analysis

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

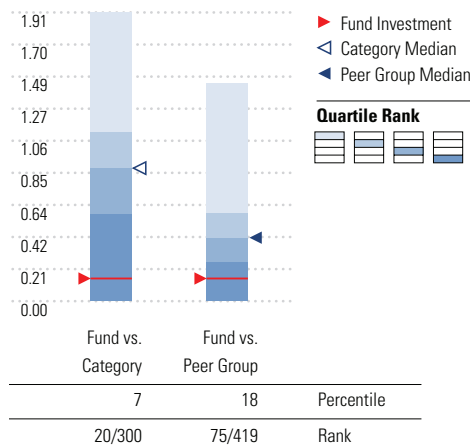
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.66	-	1.02
Beta	0.95	-	0.98
R-Squared	99.39	-	98.80
Standard Deviation	15.14	15.81	15.51
Sharpe Ratio	0.37	0.27	0.33
Tracking Error	1.39	-	1.80
Information Ratio	1.14	-	0.49
Up Capture Ratio	100.77	-	100.51
Down Capture Ratio	92.63	-	95.49

## Portfolio Metrics

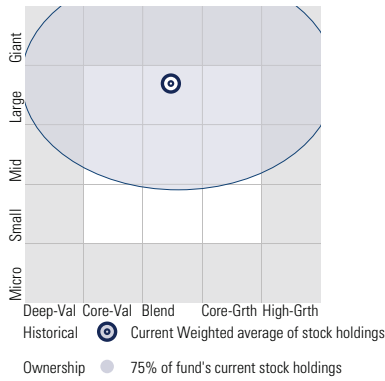
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.75	17.12	-
Price/Book Ratio	2.18	1.99	-
Avg Eff Duration	6.78	-	5.93

# Vanguard Target Retirement 2060 Inv VTTSX

**Morningstar Category**  
Target-Date 2060+

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

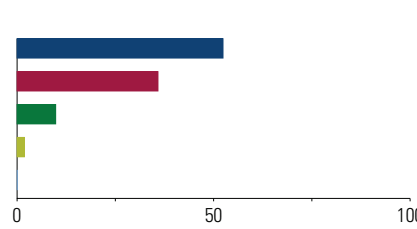
**Style Analysis** as of 06-30-2020  
Morningstar Style Box™



**Style Breakdown**



**Asset Allocation** as of 06-30-2020



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

**Sector Weighting** as of 06-30-2020

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

**Top 5 Holdings** as of 06-30-2020

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

**Total Holdings 5**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2065 Inv VLXVX

**Morningstar Category**  
Target-Date 2060+

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

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

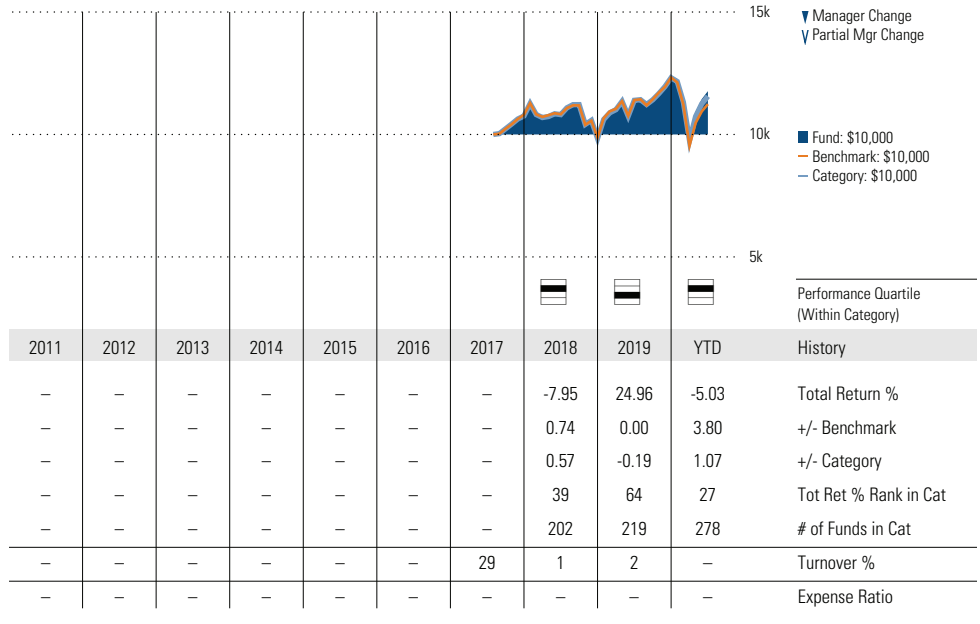
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

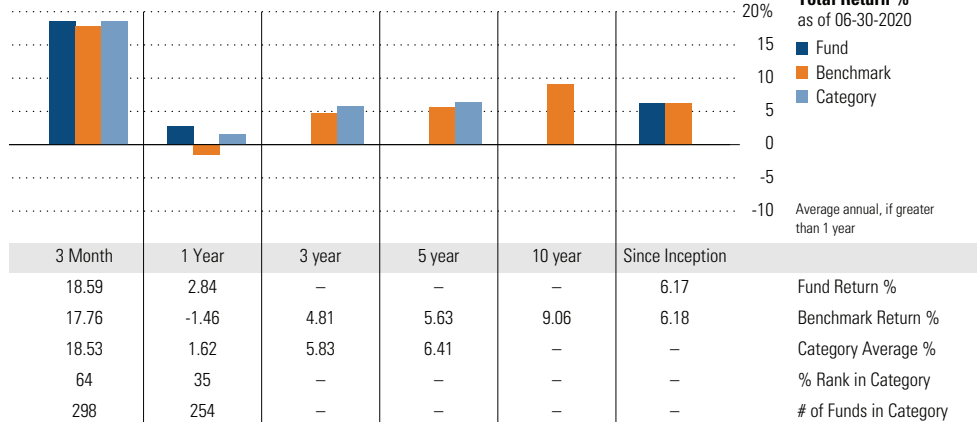
## Morningstar Investment Management LLC Analysis

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.

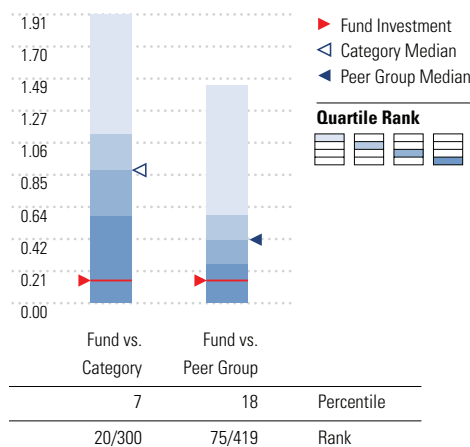
## Growth of \$10,000



## 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

Metric	Fund	Bmark	Cat
Alpha	-	-	1.02
Beta	-	-	0.98
R-Squared	-	-	98.80
Standard Deviation	-	15.81	15.51
Sharpe Ratio	-	0.27	0.33
Tracking Error	-	-	1.80
Information Ratio	-	-	0.49
Up Capture Ratio	-	-	100.51
Down Capture Ratio	-	-	95.49

## Portfolio Metrics

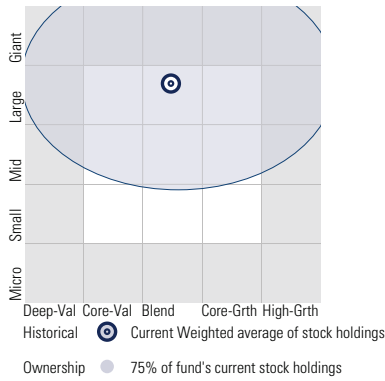
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	-	17.12	-
Price/Book Ratio	-	1.99	-
Avg Eff Duration	6.78	-	5.93

# Vanguard Target Retirement 2065 Inv VLXVX

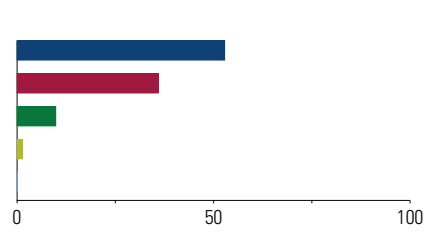
**Morningstar Category**  
Target-Date 2060+

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

**Style Analysis** as of 06-30-2020  
Morningstar Style Box™

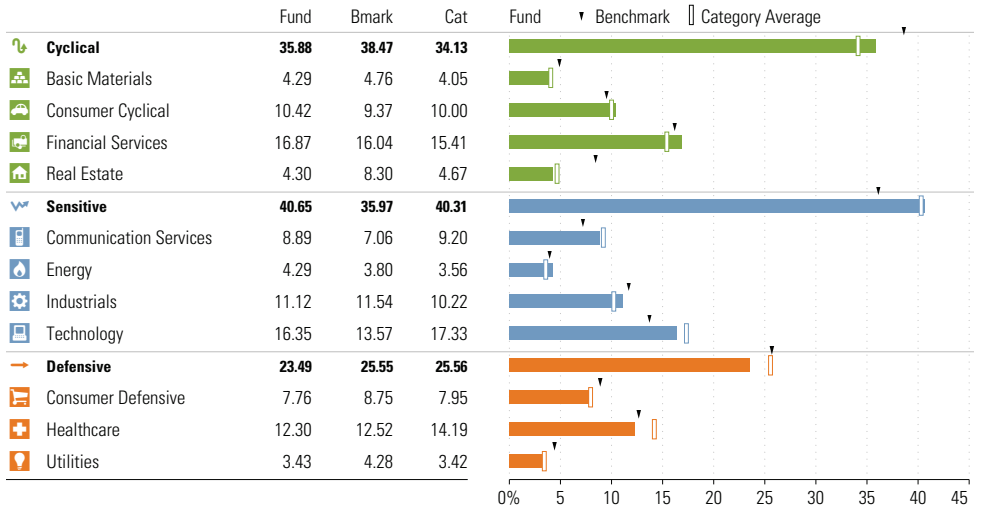


**Asset Allocation** as of 06-30-2020

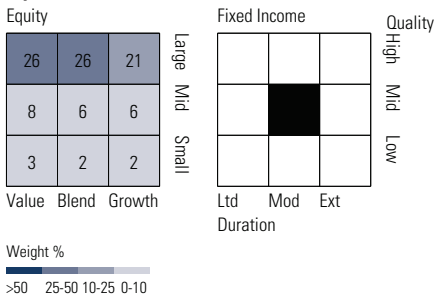


Asset Class	Net %	Cat%
US Stocks	52.80	53.21
Non-US Stocks	35.89	33.71
Bonds	9.82	7.63
Cash	1.39	2.83
Other	0.10	2.61
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 06-30-2020



**Style Breakdown**



**Top 5 Holdings** as of 06-30-2020

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

**Total Holdings** 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 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

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

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

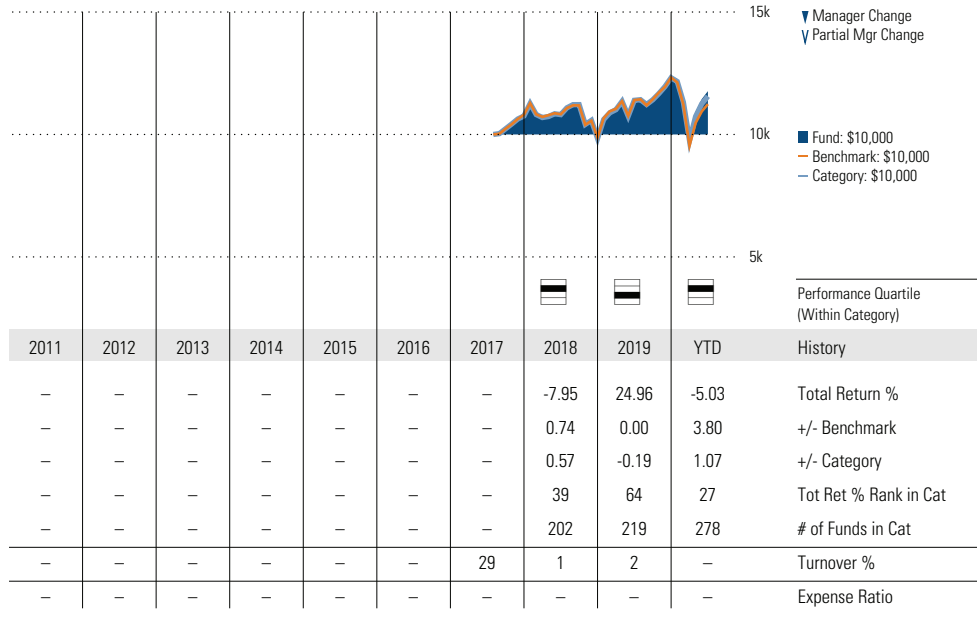
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.15 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.

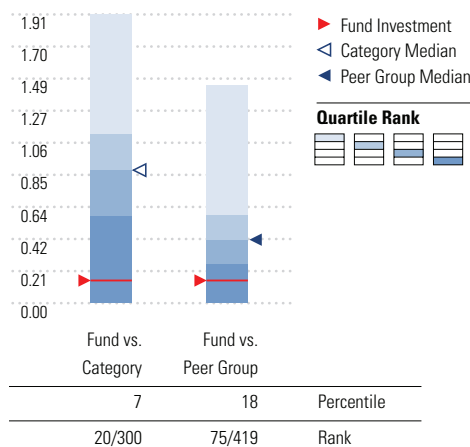
## Growth of \$10,000



## 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	-	-	1.02
Beta	-	-	0.98
R-Squared	-	-	98.80
Standard Deviation	-	15.81	15.51
Sharpe Ratio	-	0.27	0.33
Tracking Error	-	-	1.80
Information Ratio	-	-	0.49
Up Capture Ratio	-	-	100.51
Down Capture Ratio	-	-	95.49

## Portfolio Metrics

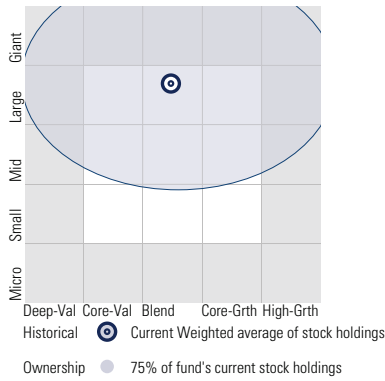
	Fund	Bmark	Cat
Price/Earnings Ratio	-	17.12	-
Price/Book Ratio	-	1.99	-
Avg Eff Duration	6.78	-	5.93

# Vanguard Target Retirement 2065 Inv VLXVX

**Morningstar Category**  
Target-Date 2060+

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

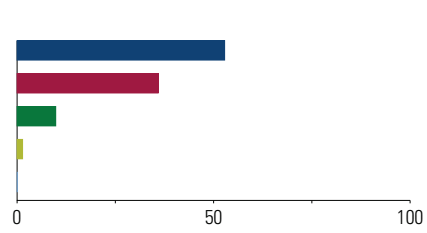
**Style Analysis** as of 06-30-2020  
Morningstar Style Box™



**Style Breakdown**

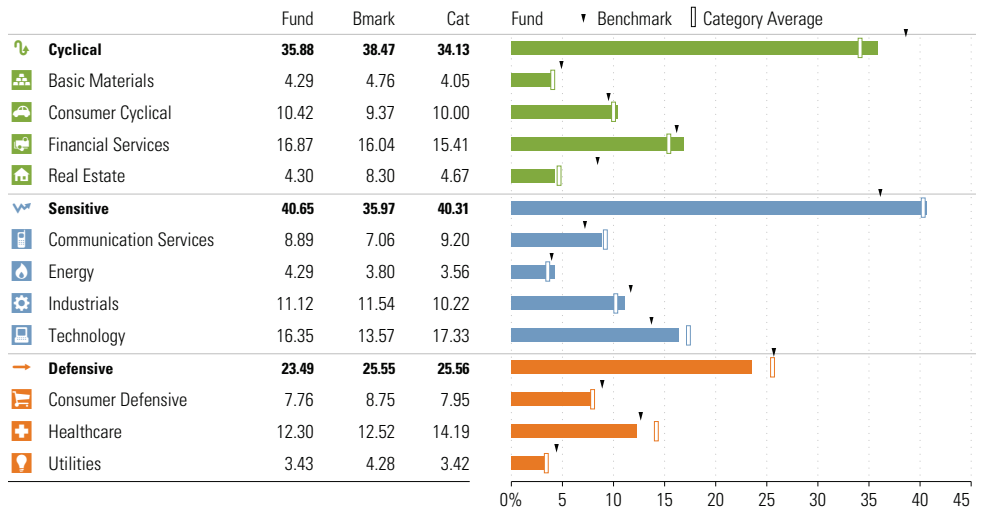


**Asset Allocation** as of 06-30-2020



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

**Sector Weighting** as of 06-30-2020



**Top 5 Holdings** as of 06-30-2020

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

**Total Holdings 5**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Target Retirement Income Inv VTINX

**Morningstar Category**  
Target-Date Retirement

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 7.36 years.

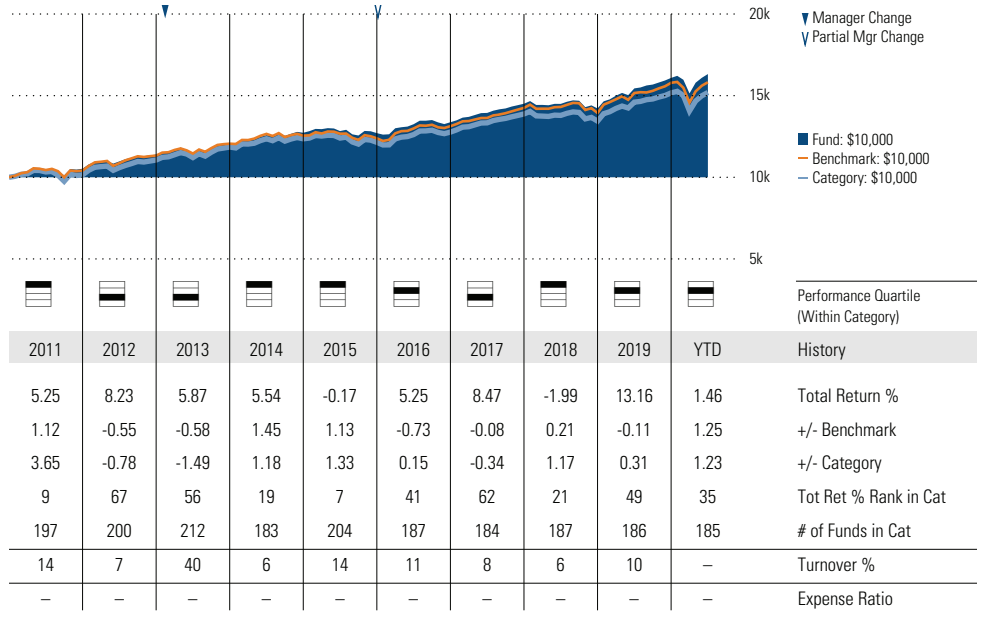
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

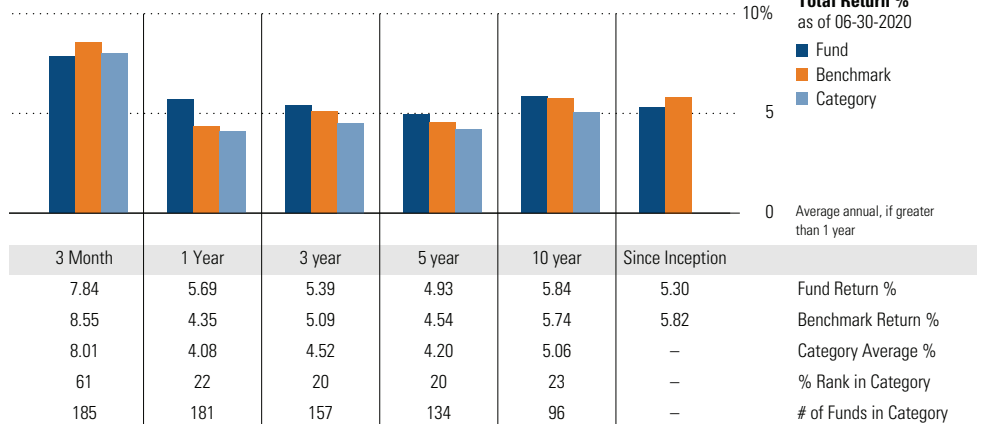
## Morningstar Investment Management LLC Analysis

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.

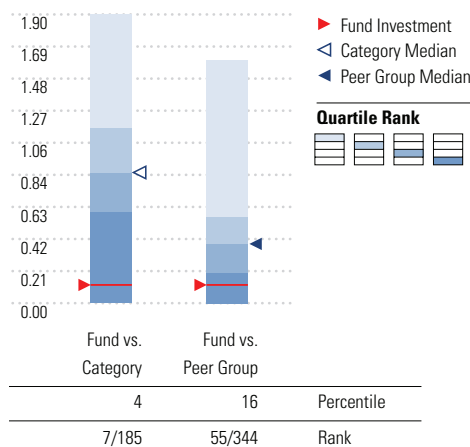
## Growth of \$10,000



## 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	-	-0.78
Beta	0.86	-	0.99
R-Squared	97.47	-	93.26
Standard Deviation	5.55	6.34	6.50
Sharpe Ratio	0.67	0.55	0.43
Tracking Error	1.23	-	2.06
Information Ratio	0.25	-	-0.34
Up Capture Ratio	90.53	-	89.71
Down Capture Ratio	77.19	-	95.59

## Portfolio Metrics

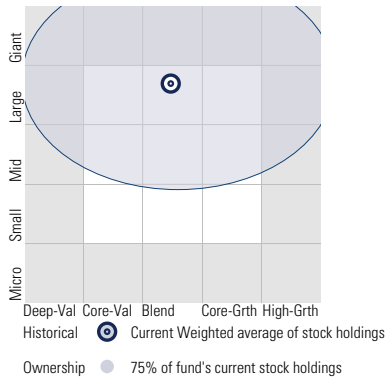
	Fund	Bmark	Cat
Price/Earnings Ratio	17.76	18.03	17.72
Price/Book Ratio	2.19	2.24	2.19
Avg Eff Duration	5.79	4.99	5.35

# Vanguard Target Retirement Income Inv VTINX

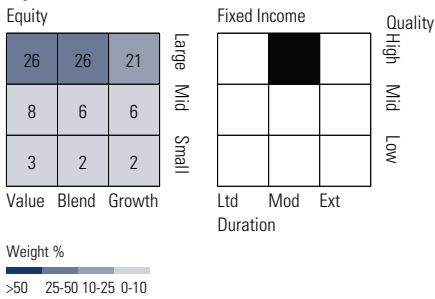
**Morningstar Category**  
Target-Date Retirement

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

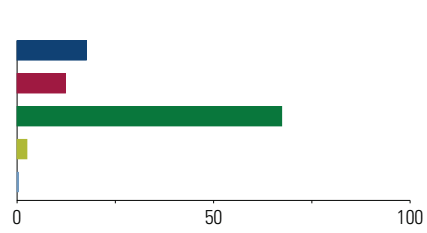
**Style Analysis** as of 06-30-2020  
Morningstar Style Box™



**Style Breakdown**

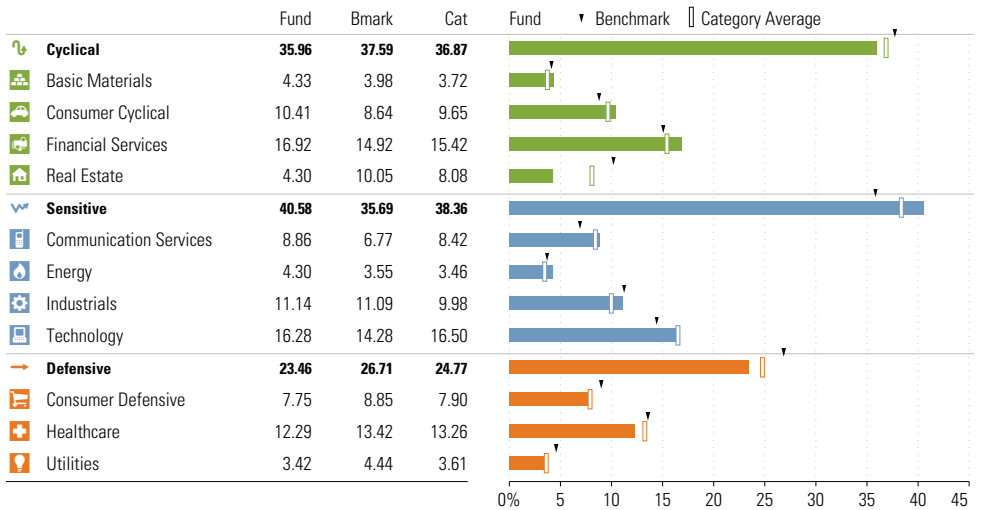


**Asset Allocation** as of 06-30-2020



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

**Sector Weighting** as of 06-30-2020



**Top 6 Holdings** as of 06-30-2020

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

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# 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 7.36 years.

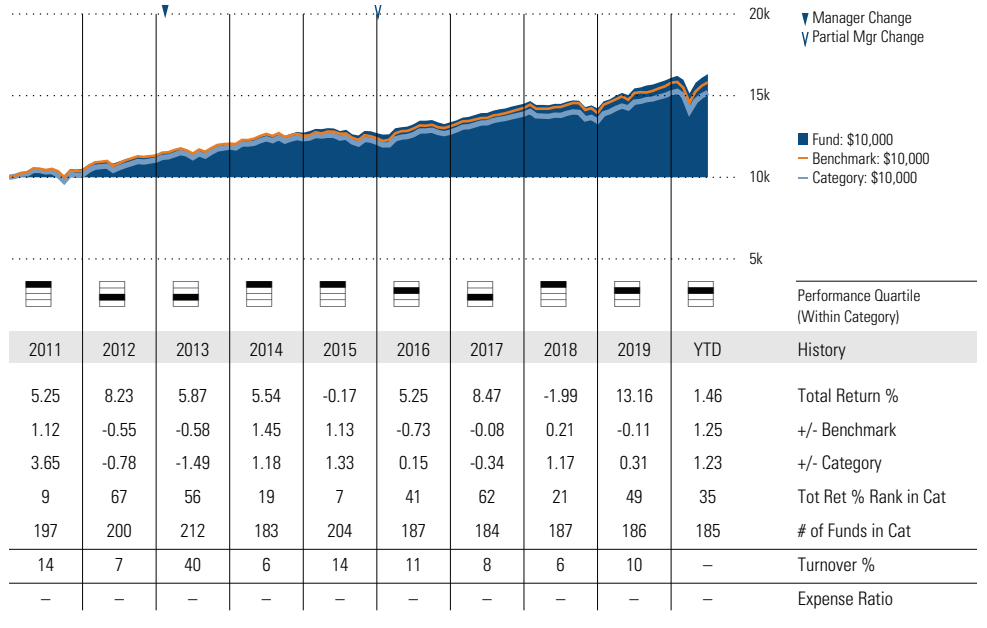
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

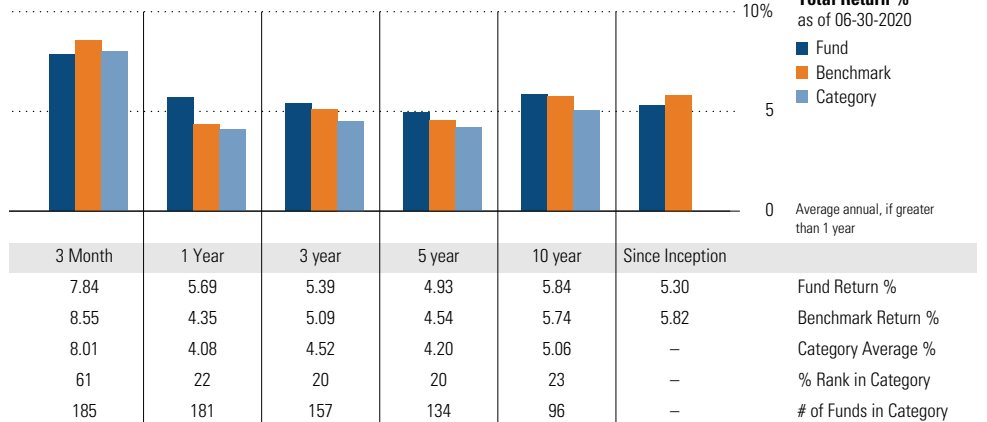
## Morningstar Investment Management LLC Analysis

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.

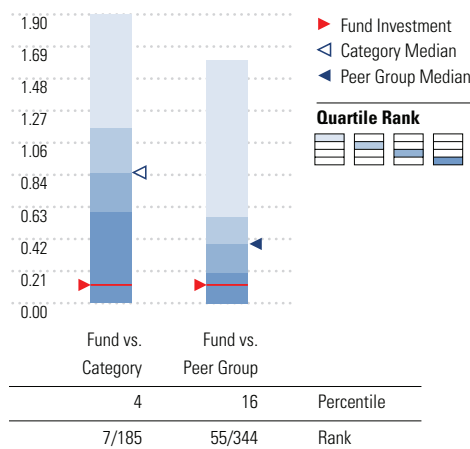
## Growth of \$10,000



## 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	-	-0.78
Beta	0.86	-	0.99
R-Squared	97.47	-	93.26
Standard Deviation	5.55	6.34	6.50
Sharpe Ratio	0.67	0.55	0.43
Tracking Error	1.23	-	2.06
Information Ratio	0.25	-	-0.34
Up Capture Ratio	90.53	-	89.71
Down Capture Ratio	77.19	-	95.59

## Portfolio Metrics

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

# Vanguard Target Retirement Income Inv VTINX

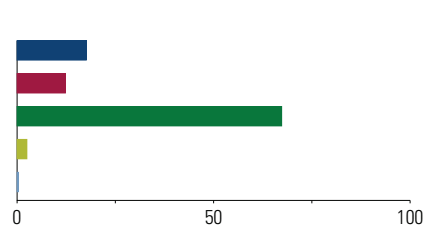
**Morningstar Category**  
Target-Date Retirement

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

**Style Analysis** as of 06-30-2020  
Morningstar Style Box™

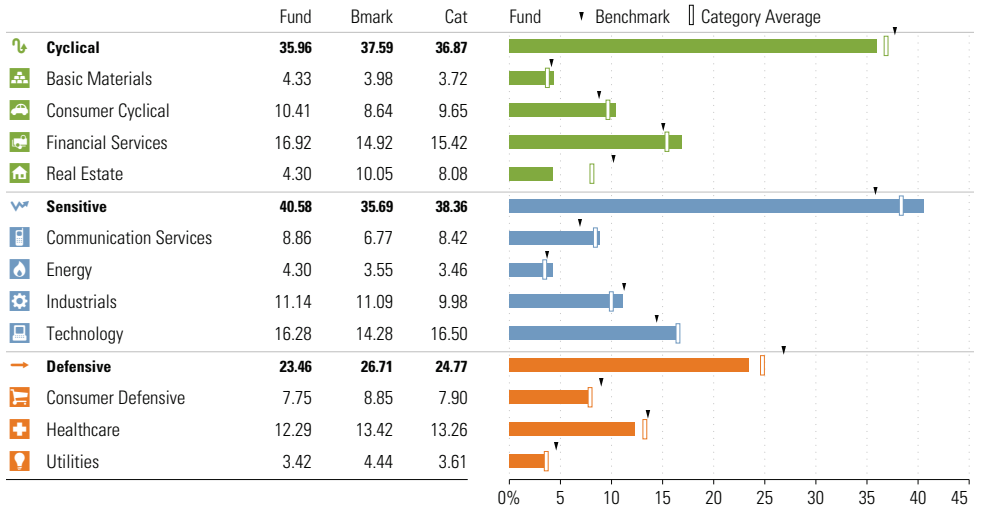


**Asset Allocation** as of 06-30-2020

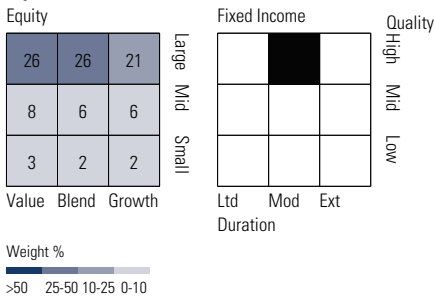


Asset Class	Net %	Cat%
US Stocks	17.59	19.28
Non-US Stocks	12.29	9.68
Bonds	67.31	56.08
Cash	2.48	5.53
Other	0.31	9.43
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 06-30-2020



**Style Breakdown**



**Top 6 Holdings** as of 06-30-2020

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

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Total World Stock Index Admiral VTWAX

**Morningstar Category**  
World Large Stock

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

## Portfolio Manager(s)

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

## Quantitative Screens

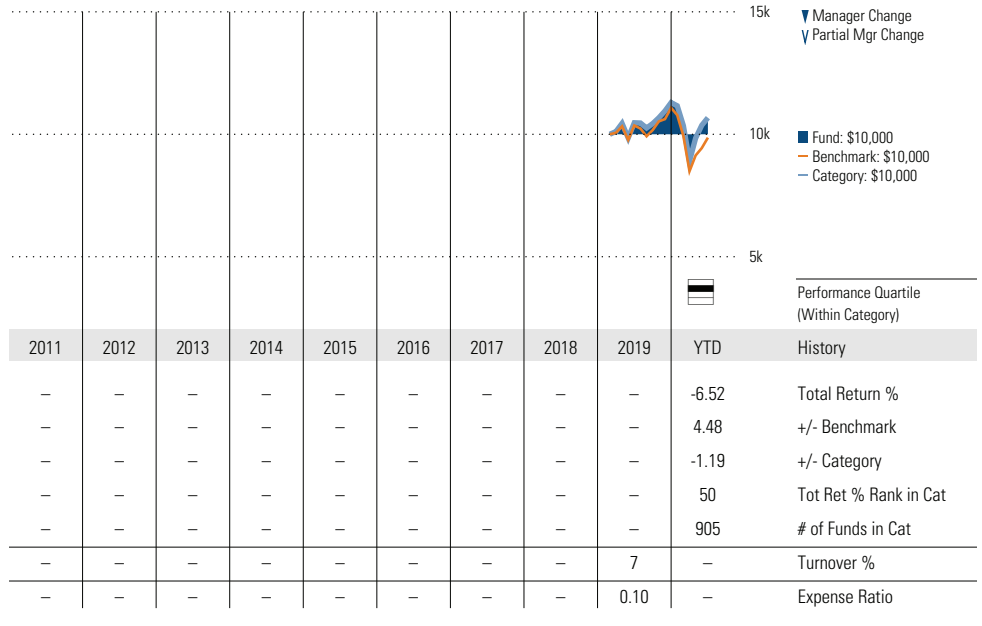
The Performance screen is not applicable for funds with less than three years of data.

- ✔ **Management:** The fund's management has been in place for 7.36 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 90.99% lower than the World Large Stock category average.

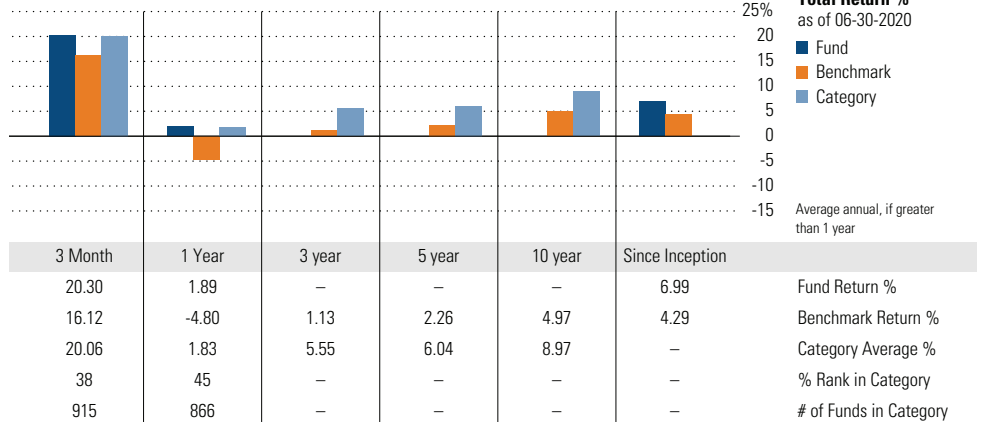
## Morningstar Investment Management LLC Analysis

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.

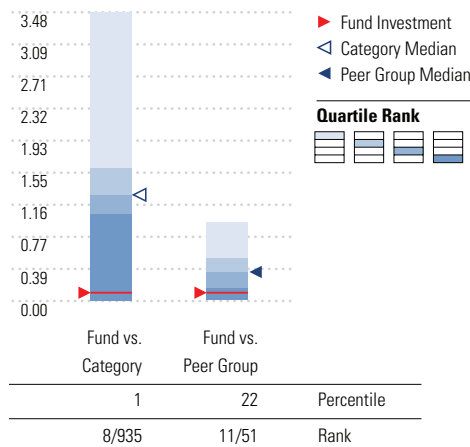
## Growth of \$10,000



## 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	-	-	4.63
Beta	-	-	0.97
R-Squared	-	-	86.76
Standard Deviation	-	15.94	16.59
Sharpe Ratio	-	0.05	0.32
Tracking Error	-	-	6.22
Information Ratio	-	-	0.73
Up Capture Ratio	-	-	103.86
Down Capture Ratio	-	-	83.11

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	-	15.22	17.26
Price/Book Ratio	-	1.58	2.15
Geom Avg Mkt Cap \$B	-	30.69	39.85
ROE	-	15.65	18.92

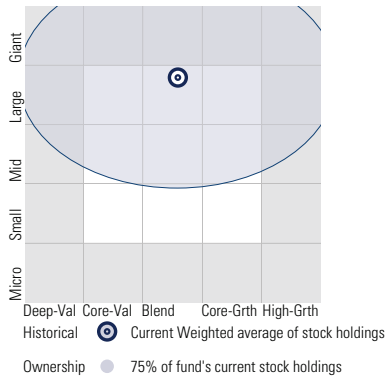
# Vanguard Total World Stock Index Admiral VTWAX

**Morningstar Category**  
World Large Stock

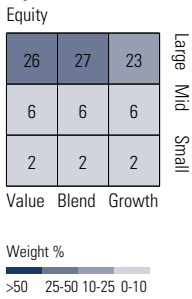
**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Style Analysis as of 06-30-2020

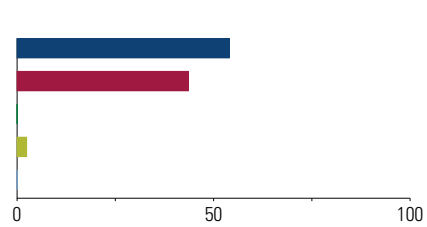
Morningstar Style Box™



## Style Breakdown

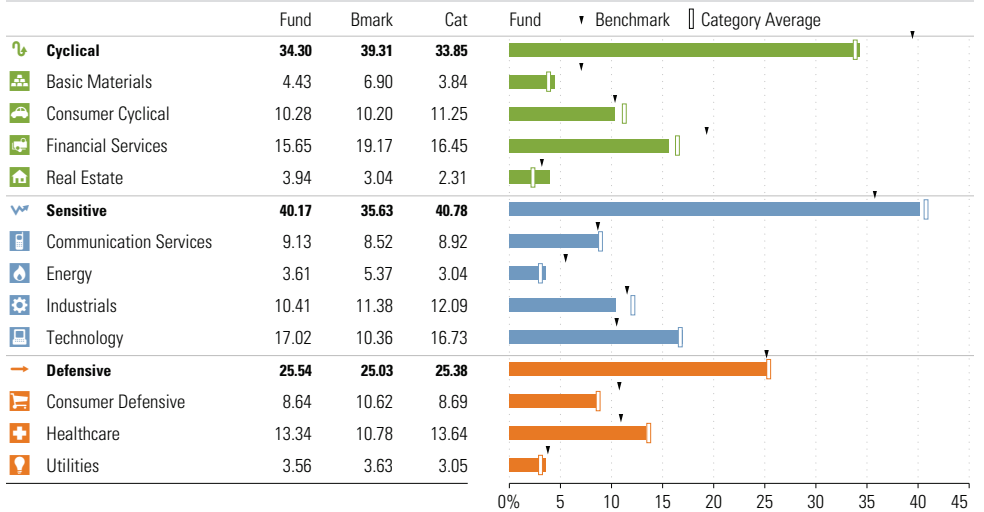


## Asset Allocation as of 06-30-2020

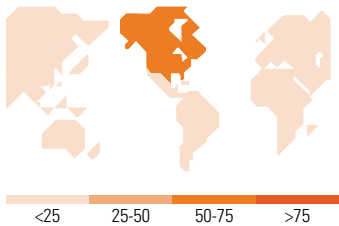


Asset Class	Net %	Cat%
US Stocks	53.95	53.76
Non-US Stocks	43.55	42.39
Bonds	0.02	0.23
Cash	2.42	2.70
Other	0.05	0.93
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2020



## World Regions % Equity 06-30-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	20.82	16.21	Americas	59.16	58.90	Greater Europe	20.02	24.88	Developed Markets	91.17
Japan	8.01	6.06	North America	58.13	58.05	United Kingdom	4.74	6.41	Emerging Markets	8.83
Australasia	1.85	0.94	Central/Latin	1.03	0.85	W euro-ex UK	13.44	17.80	Not Available	0.00
Asia-4 Tigers	4.50	3.86				Emrgng Europe	0.66	0.28		
Asia-ex 4 Tigers	6.46	5.35				Africa	1.18	0.39		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 06-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Microsoft Corp	2.64	2.64	29.70	Technology
⊕ Cmt Market Liquidity Rate	2.38	5.02	-	-
⊖ Apple Inc	2.32	7.34	24.77	Technology
⊕ Amazon.com Inc	1.80	9.14	49.30	Consumer Cyclical
⊕ Facebook Inc A	0.88	10.02	10.63	Communication Svc
⊕ Alphabet Inc Class C	0.82	10.84	5.73	Communication Svc
⊕ Johnson & Johnson	0.77	11.61	-2.25	Healthcare
⊕ Alibaba Group Holding Ltd ADR	0.75	12.37	1.70	Consumer Cyclical
⊕ Alphabet Inc A	0.72	13.09	5.87	Communication Svc
⊕ Nestle SA	0.65	13.74	2.54	Consumer Defensive

**Total Holdings 8427**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard Total World Stock Index Admiral VTWAX

**Morningstar Category**  
World Large Stock

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

## Portfolio Manager(s)

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

## Quantitative Screens

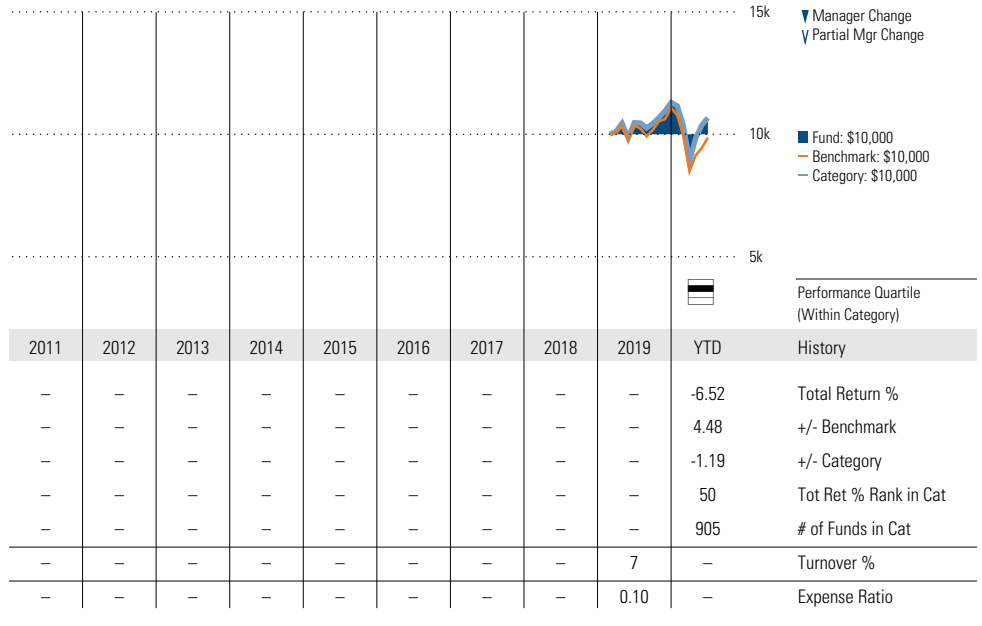
The Performance screen is not applicable for funds with less than three years of data.

- ✔ **Management:** The fund's management has been in place for 7.36 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 90.99% lower than the World Large Stock category average.

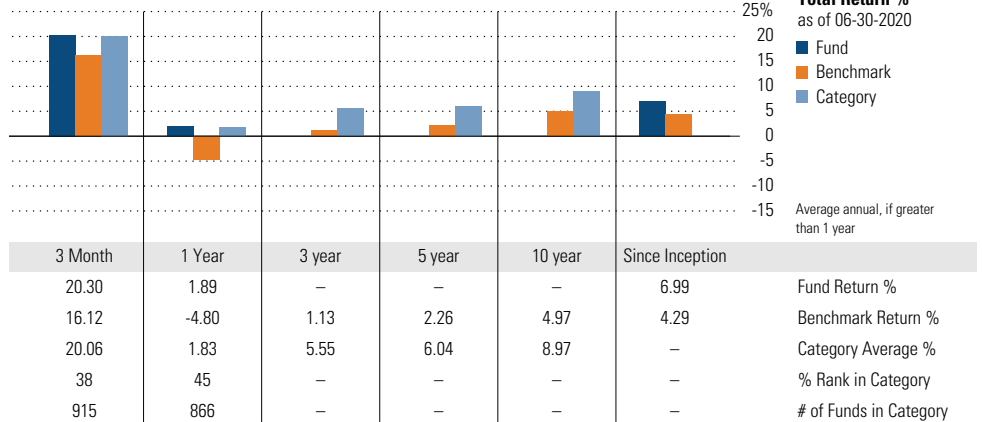
## Morningstar Investment Management LLC Analysis

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.

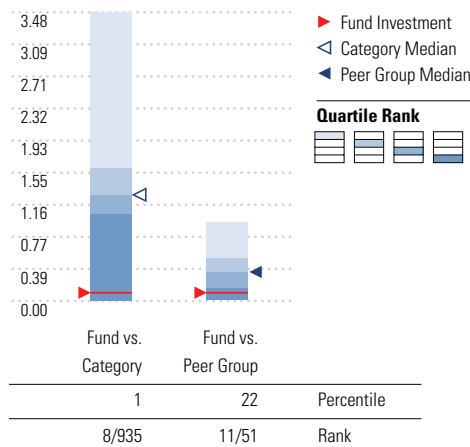
## Growth of \$10,000



## 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	-	-	4.63
Beta	-	-	0.97
R-Squared	-	-	86.76
Standard Deviation	-	15.94	16.59
Sharpe Ratio	-	0.05	0.32
Tracking Error	-	-	6.22
Information Ratio	-	-	0.73
Up Capture Ratio	-	-	103.86
Down Capture Ratio	-	-	83.11

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	-	15.22	17.26
Price/Book Ratio	-	1.58	2.15
Geom Avg Mkt Cap \$B	-	30.69	39.85
ROE	-	15.65	18.92

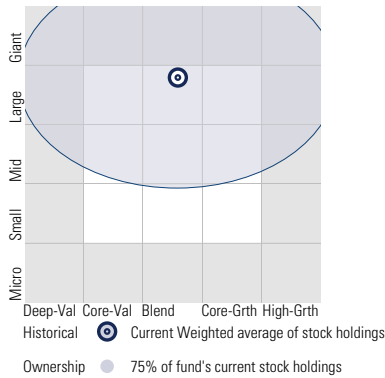
# Vanguard Total World Stock Index Admiral VTWAX

**Morningstar Category**  
World Large Stock

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

## Style Analysis as of 06-30-2020

Morningstar Style Box™

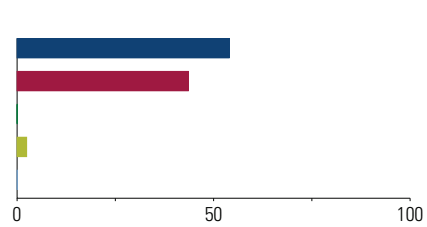


## Style Breakdown

Equity			Large Mid Small
Value	Blend	Growth	
26	27	23	
6	6	6	
2	2	2	

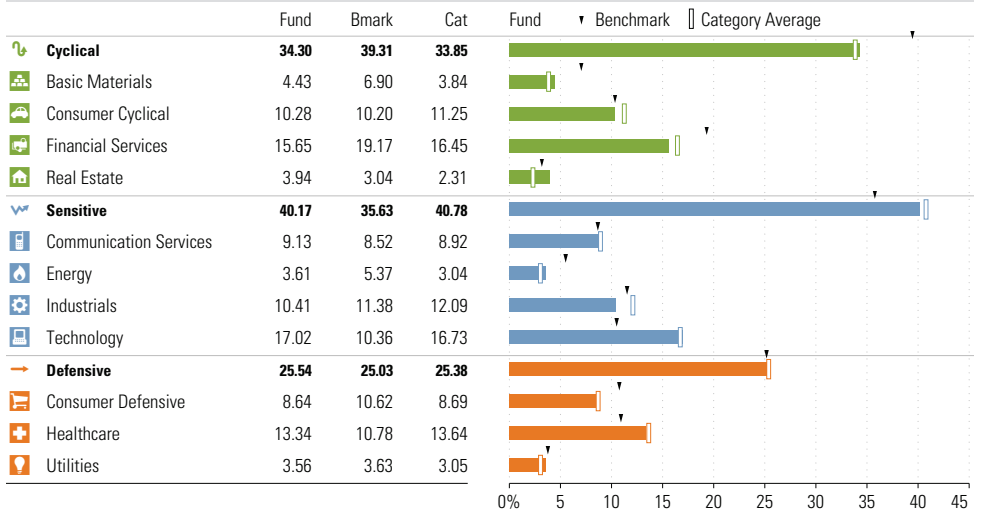


## Asset Allocation as of 06-30-2020

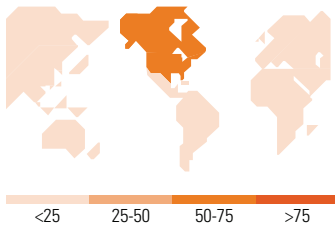


Asset Class	Net %	Cat%
US Stocks	53.95	53.76
Non-US Stocks	43.55	42.39
Bonds	0.02	0.23
Cash	2.42	2.70
Other	0.05	0.93
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2020



## World Regions % Equity 06-30-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	20.82	16.21	Americas	59.16	58.90	Greater Europe	20.02	24.88	Developed Markets	91.17
Japan	8.01	6.06	North America	58.13	58.05	United Kingdom	4.74	6.41	Emerging Markets	8.83
Australasia	1.85	0.94	Central/Latin	1.03	0.85	W euro-ex UK	13.44	17.80	Not Available	0.00
Asia-4 Tigers	4.50	3.86				Emrgng Europe	0.66	0.28		
Asia-ex 4 Tigers	6.46	5.35				Africa	1.18	0.39		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 06-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Microsoft Corp	2.64	2.64	29.70	Technology
⊕ Cmt Market Liquidity Rate	2.38	5.02	-	-
⊖ Apple Inc	2.32	7.34	24.77	Technology
⊕ Amazon.com Inc	1.80	9.14	49.30	Consumer Cyclical
⊕ Facebook Inc A	0.88	10.02	10.63	Communication Svc
⊕ Alphabet Inc Class C	0.82	10.84	5.73	Communication Svc
⊕ Johnson & Johnson	0.77	11.61	-2.25	Healthcare
⊕ Alibaba Group Holding Ltd ADR	0.75	12.37	1.70	Consumer Cyclical
⊕ Alphabet Inc A	0.72	13.09	5.87	Communication Svc
⊕ Nestle SA	0.65	13.74	2.54	Consumer Defensive

**Total Holdings 8427**

⊕ Increase ⊖ Decrease ✱ New to Portfolio