

# American Century Inflation Adjs Bond R5 AIANX

**Morningstar Category**  
Inflation-Protected Bond

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

## Portfolio Manager(s)

Robert Gahagan since 11-2001  
 Brian Howell since 12-2004  
 James Platz since 09-2007  
 Miguel Castillo since 02-2014

## Quantitative Screens

✔ **Performance:** The fund has finished in the Inflation-Protected 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 18.35 years.

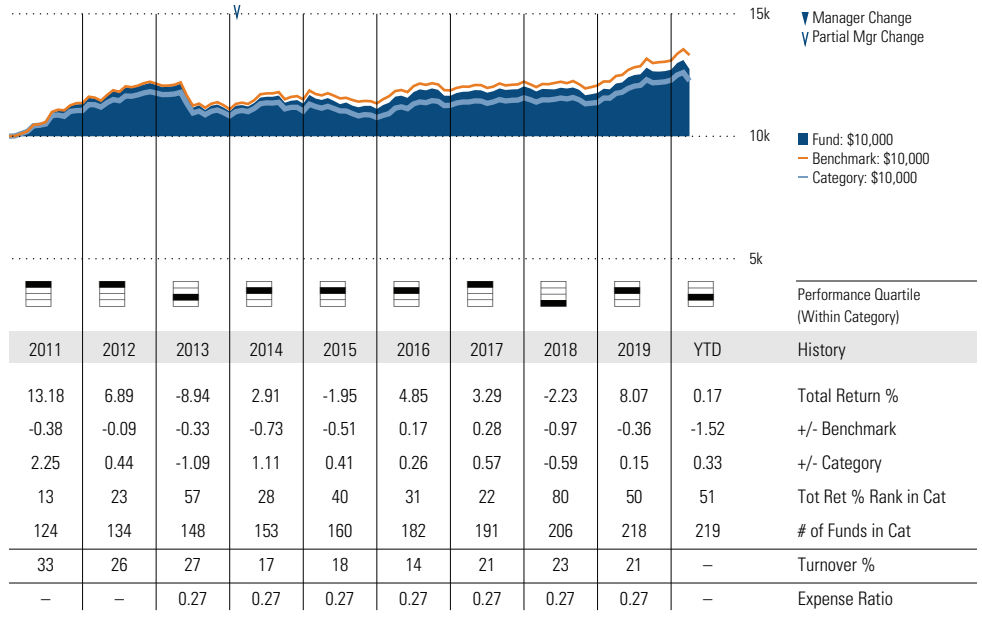
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.27 is 61.43% lower than the Inflation-Protected Bond category average.

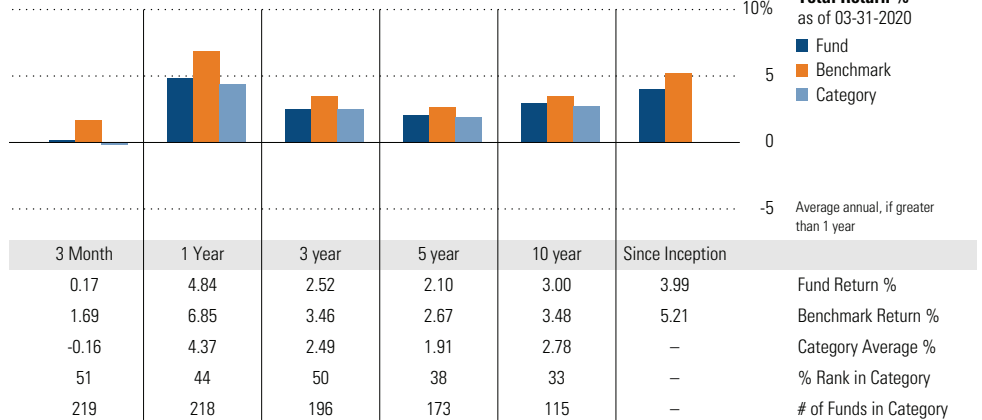
## Morningstar Investment Management LLC Analysis

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.

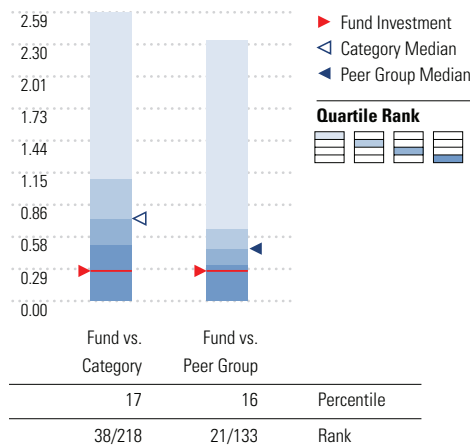
## Growth of \$10,000



## 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	-1.00	-	-0.93
Beta	1.03	-	0.86
R-Squared	93.94	-	76.84
Standard Deviation	3.64	3.44	3.60
Sharpe Ratio	0.22	0.51	0.11
Tracking Error	0.90	-	1.92
Information Ratio	-1.05	-	-0.90
Up Capture Ratio	89.91	-	76.99
Down Capture Ratio	107.77	-	96.64

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	7.85	4.52	6.80
Avg Eff Maturity	8.48	-	7.67

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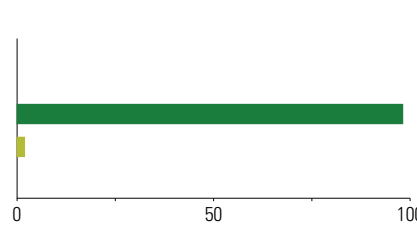
**Morningstar Index**  
BBgBarc US Treasury US TIPS TR USD

## Style Analysis as of 03-31-2020

### Style Breakdown



## Asset Allocation as of 03-31-2020

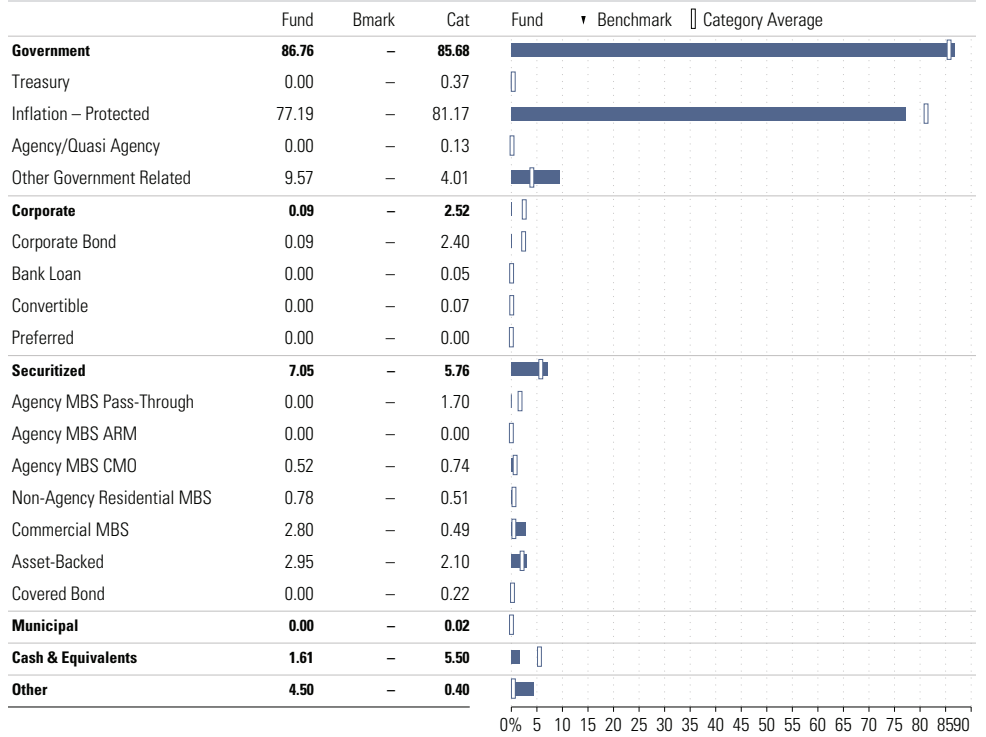


Asset Class	Net %	Cat%
US Stocks	0.00	-0.02
Non-US Stocks	0.00	0.01
Bonds	98.11	96.97
Cash	1.89	2.11
Other	0.00	0.93
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	97.45	0.00	93.81
AA	3.42	99.60	0.30
A	0.28	0.00	1.87
BBB	0.04	0.00	2.12
BB	0.17	0.00	0.37
B	0.31	0.00	0.08
Below B	0.00	0.00	0.02
Not Rated	-1.67	0.40	1.43

## Sector Weighting as of 03-31-2020



## Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊖ United States Treasury Notes 0.12%	01-2023	8.02	8.02	-
⊖ United States Treasury Notes 0.12%	01-2022	6.28	14.30	-
⊕ United States Treasury Notes 0.62%	01-2026	6.20	20.50	-
⊕ United States Treasury Bonds 2%	01-2026	5.51	26.01	-
⊕ Bp9u31zz0 Cds Usd R V 00mevent 2i65brsp6 Ice Ccp	12-2024	5.29	31.30	-
⊕ Bp9u31zz0 Cds Usd P F 5.00000 Markit Cdx Na Hy Ice Ccp	12-2024	4.99	36.29	-
⊕ United States Treasury Notes 0.25%	07-2029	4.95	41.24	-
⊕ United States Treasury Notes 0.62%	01-2024	4.91	46.15	-
⊖ United States Treasury Bonds 1.38%	02-2044	4.62	50.77	-
⊕ United States Treasury Notes 0.25%	01-2025	3.94	54.71	-

## Total Holdings 114

⊕ Increase ⊖ Decrease ✱ New to Portfolio

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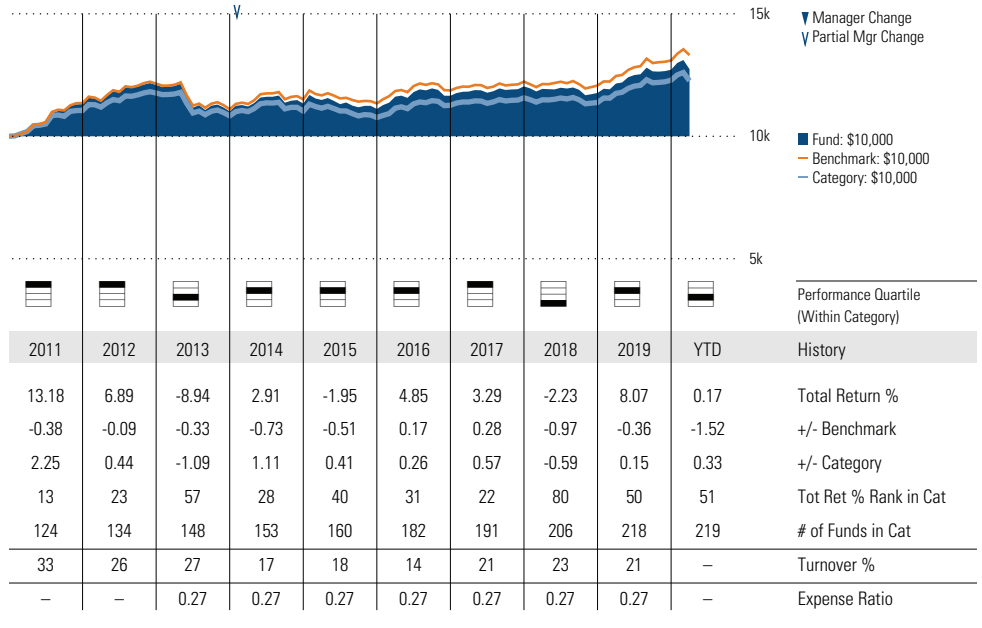
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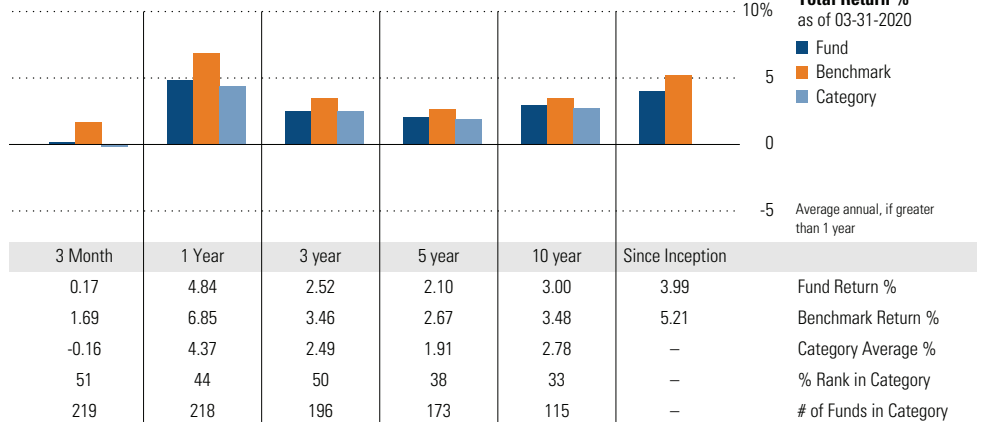
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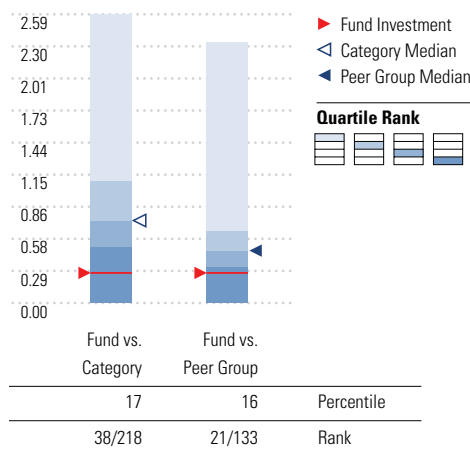
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-1.00	-	-0.93
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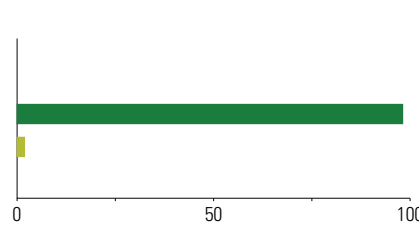
**Morningstar Index**  
BBgBarc US Treasury US TIPS TR USD

## Style Analysis as of 03-31-2020

### Style Breakdown



## Asset Allocation as of 03-31-2020

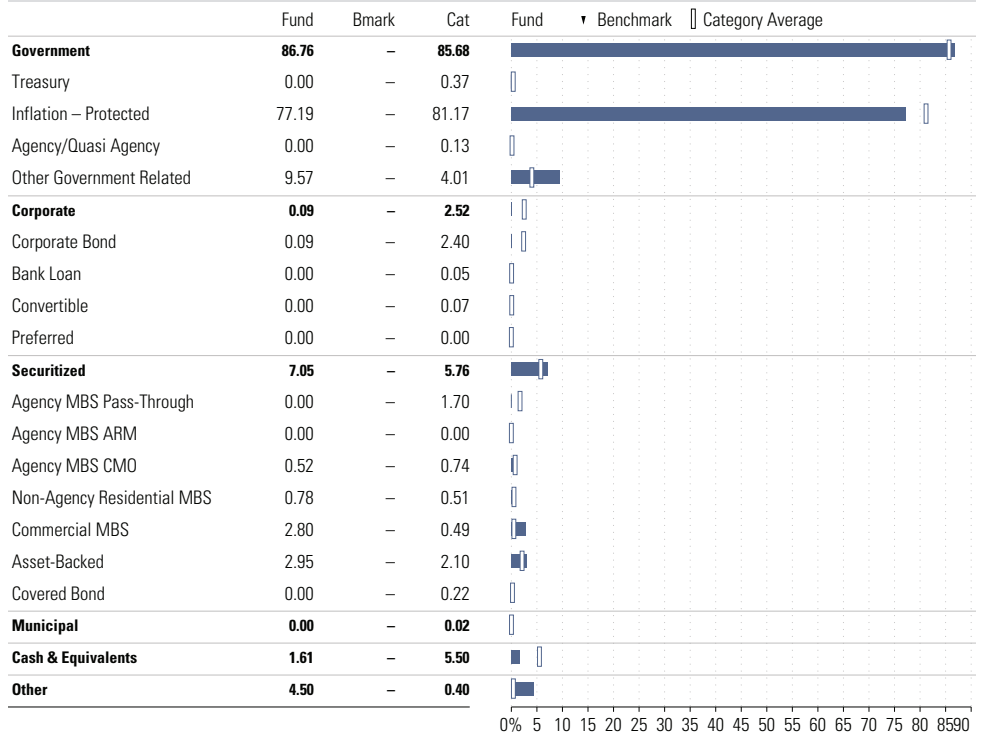


Asset Class	Net %	Cat%
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Non-US Stocks	0.00	0.01
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Cash	1.89	2.11
Other	0.00	0.93
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

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## Top 10 Holdings as of 03-31-2020

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## Total Holdings 114

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# American Funds New World R6 RNWGX

**Morningstar Category**  
Diversified Emerging Mkts

**Morningstar Index**  
MSCI EM NR USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

**Management:** The fund's management has been in place for 20.8 years.

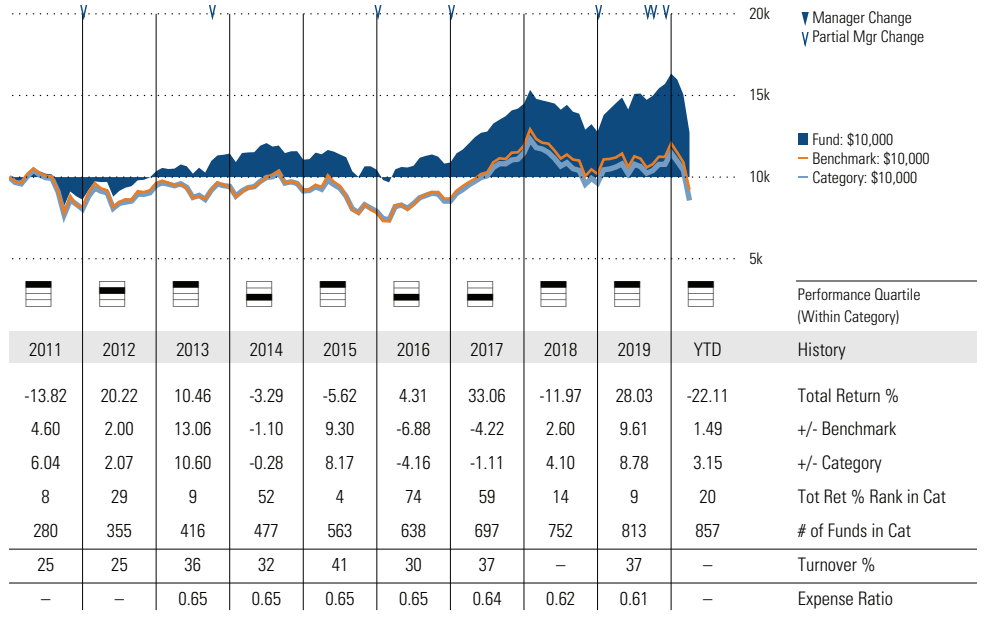
**Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

**Net Expense:** The fund's expense ratio of 0.61 is 51.97% lower than the Diversified Emerging Mkts category average.

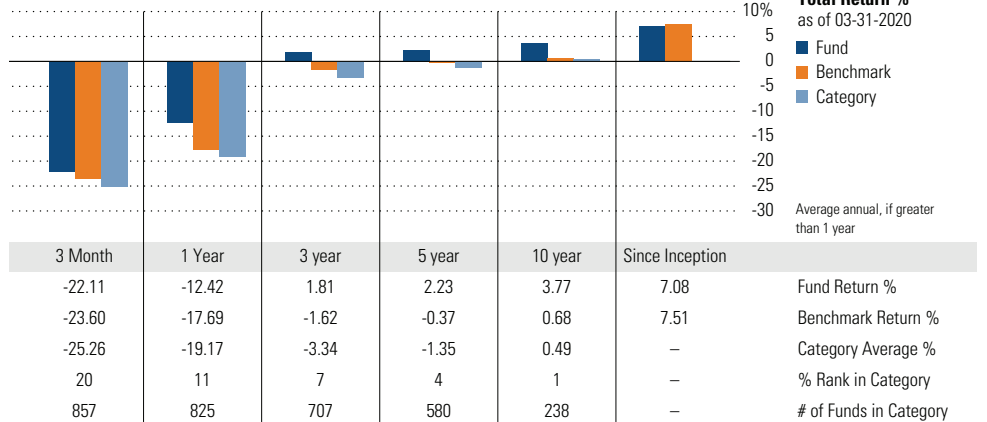
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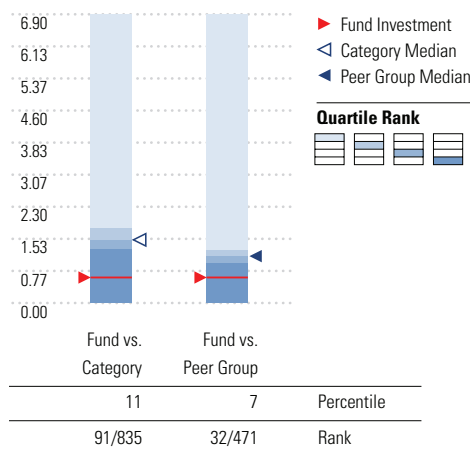
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	3.04	-	-1.35
Beta	0.83	-	0.97
R-Squared	91.50	-	91.31
Standard Deviation	14.98	17.36	17.72
Sharpe Ratio	0.08	-0.11	-0.18
Tracking Error	5.32	-	5.12
Information Ratio	0.65	-	-0.26
Up Capture Ratio	86.74	-	91.96
Down Capture Ratio	73.79	-	98.78

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.81	11.77	11.91
Price/Book Ratio	2.44	1.34	1.57
Geom Avg Mkt Cap \$B	40.14	32.46	31.22
ROE	19.43	16.18	17.95

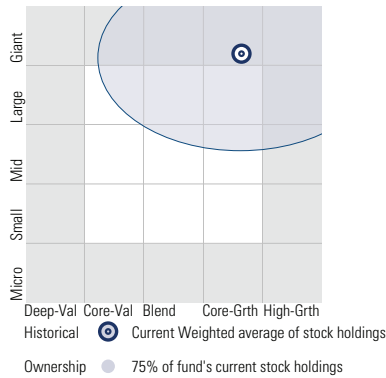
# American Funds New World R6 RNWGX

**Morningstar Category**  
Diversified Emerging Mkts

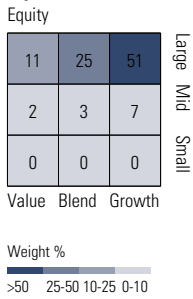
**Morningstar Index**  
MSCI EM NR USD

## Style Analysis as of 03-31-2020

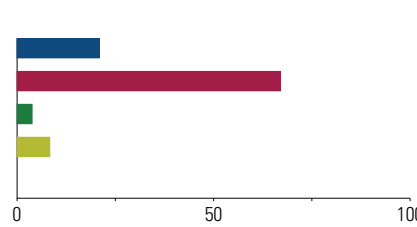
Morningstar Style Box™



## Style Breakdown

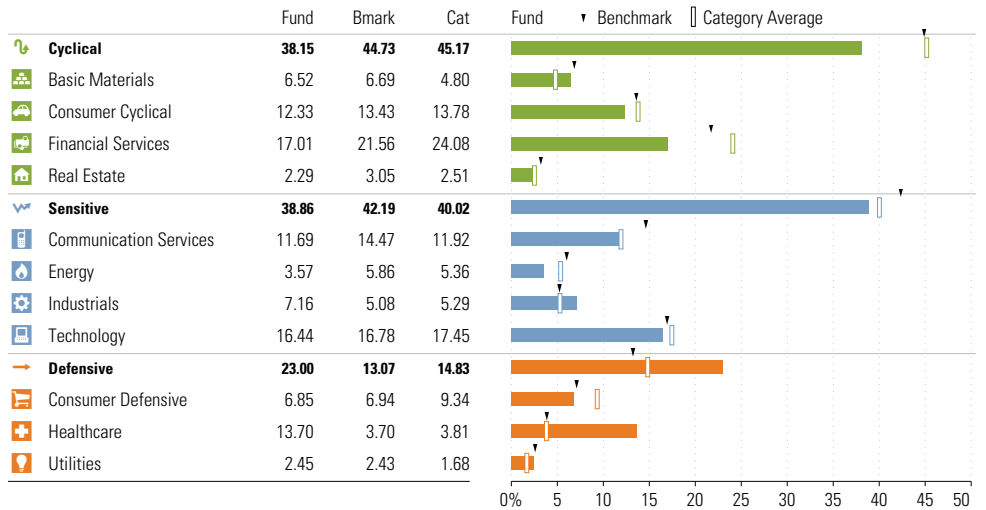


## Asset Allocation as of 03-31-2020

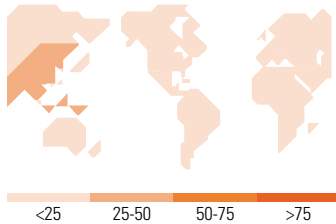


Asset Class	Net %	Cat%
US Stocks	20.87	2.97
Non-US Stocks	67.02	94.45
Bonds	3.81	0.48
Cash	8.31	1.54
Other	0.00	0.56
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2020



## World Regions % Equity 03-31-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	40.35	71.09	Americas	34.09	14.36	Greater Europe	25.58	14.55	Developed Markets	60.64
Japan	6.10	0.10	North America	24.72	1.90	United Kingdom	3.58	0.75	Emerging Markets	39.36
Australasia	0.56	0.01	Central/Latin	9.37	12.46	W euro-ex UK	18.07	1.66	Not Available	0.00
Asia-4 Tigers	7.39	23.83				Emrgng Europe	1.95	6.89		
Asia-ex 4 Tigers	26.30	47.15				Africa	1.98	5.25		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	7.64	7.64	-	-
Microsoft Corp	2.60	10.25	0.33	Technology
Tencent Holdings Ltd	1.97	12.22	1.22	Communication Svc
Kotak Mahindra Bank Ltd	1.76	13.98	-23.05	Financial Services
Reliance Industries Ltd	1.48	15.46	-26.44	Energy
Taiwan Semiconductor Manufacturing Co Ltd	1.47	16.93	-16.47	Technology
AIA Group Ltd	1.45	18.38	-14.24	Financial Services
Mastercard Inc A	1.36	19.74	-18.97	Financial Services
Facebook Inc A	1.34	21.08	-18.73	Communication Svc
Alphabet Inc Class C	1.27	22.35	-13.03	Communication Svc

**Total Holdings 517**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

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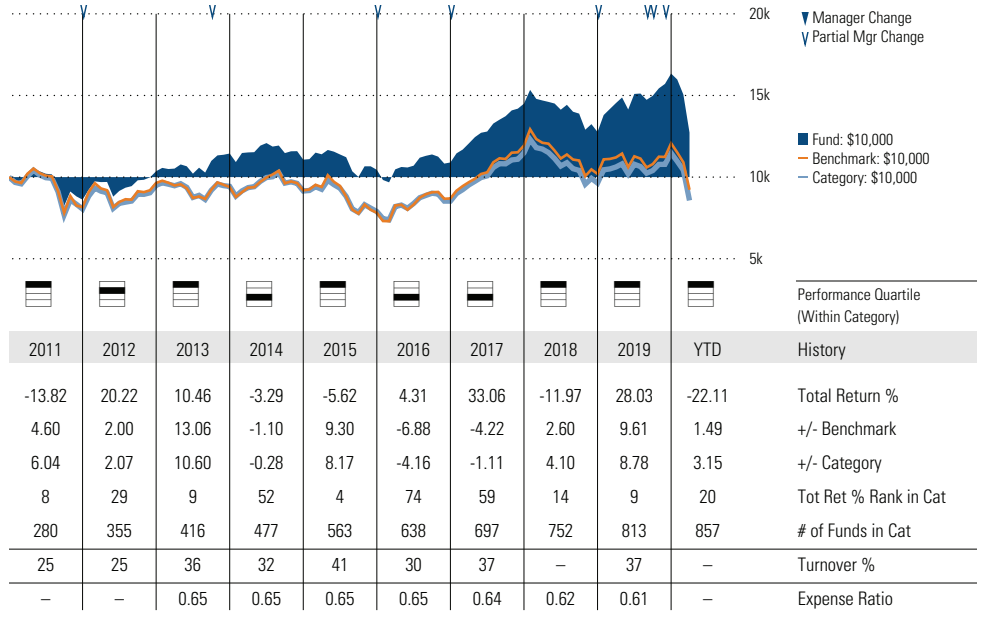
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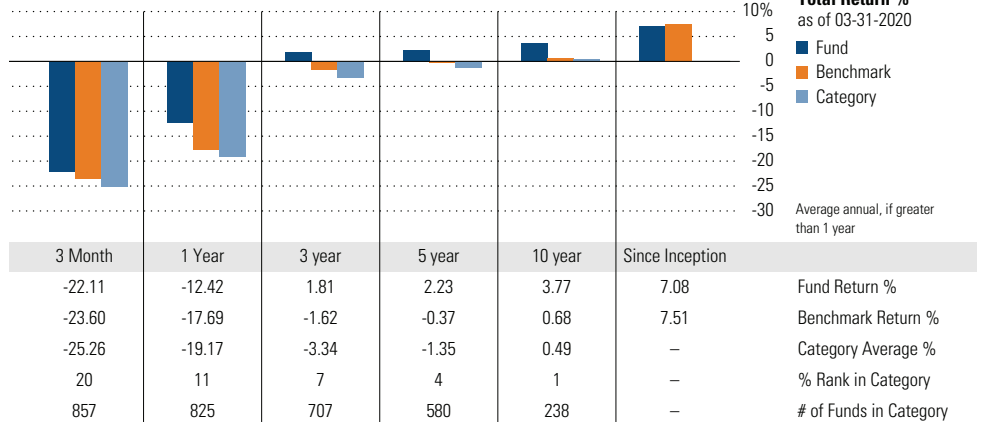
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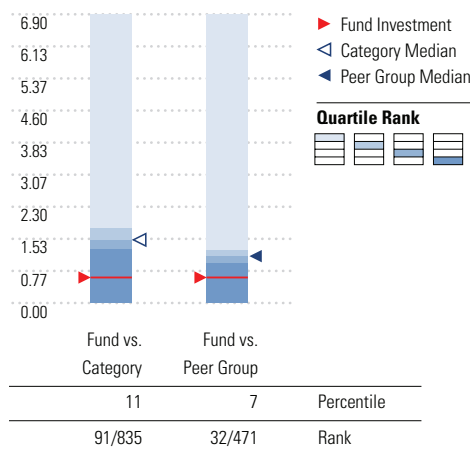
## Growth of \$10,000



## Trailing Performance



## Net Expense



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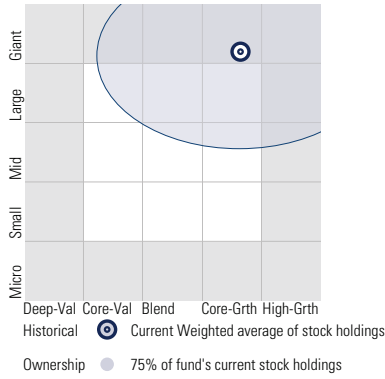
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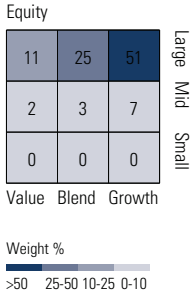
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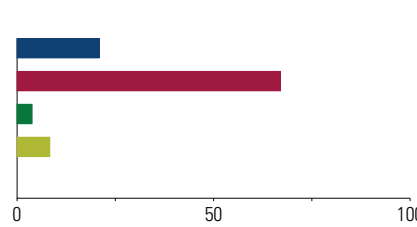
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## Style Breakdown

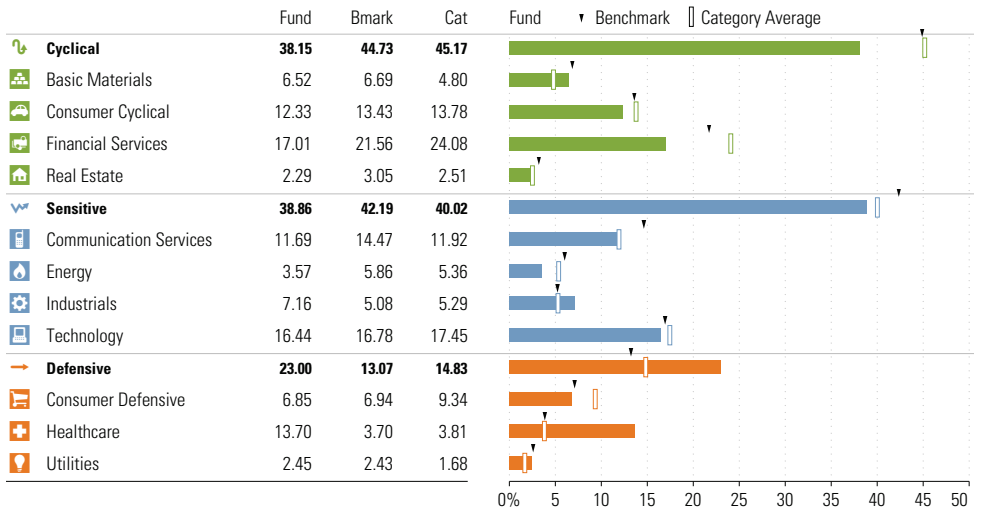


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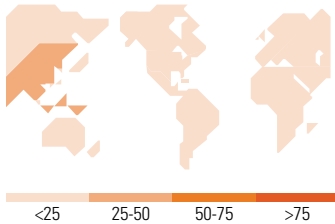


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Kotak Mahindra Bank Ltd	1.76	13.98	-23.05	Financial Services
Reliance Industries Ltd	1.48	15.46	-26.44	Energy
Taiwan Semiconductor Manufacturing Co Ltd	1.47	16.93	-16.47	Technology
AIA Group Ltd	1.45	18.38	-14.24	Financial Services
Mastercard Inc A	1.36	19.74	-18.97	Financial Services
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**Total Holdings 517**

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# 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
- Gary Elfe 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 19.52 years.

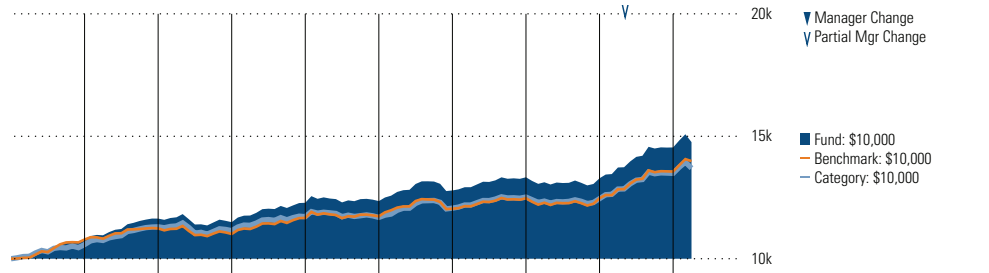
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**Net Expense:** The fund's expense ratio of 0.3 is 53.85% lower than the Intermediate Core Bond category average.

## Morningstar Investment Management LLC Analysis

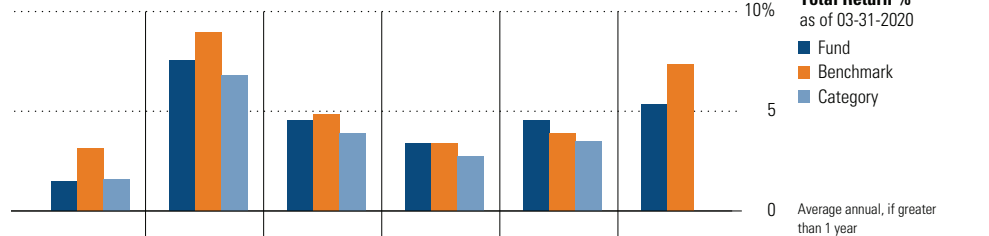
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## Growth of \$10,000



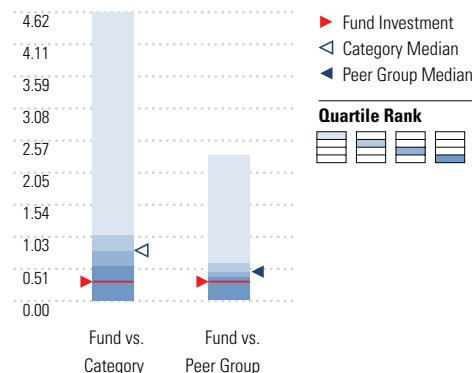
2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	History
7.85	7.92	-1.25	6.89	0.55	3.52	4.20	-0.30	9.48	1.50	Total Return %
0.01	3.71	0.77	0.92	0.00	0.87	0.66	-0.31	0.76	-1.65	+/- Benchmark
1.99	0.91	0.17	1.71	0.81	0.29	0.49	0.20	1.42	-0.07	+/- Category
9	34	36	8	22	37	31	41	15	59	Tot Ret % Rank in Cat
263	282	305	314	324	349	378	403	425	440	# 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	
1.50	7.55	4.54	3.37	4.55	5.35	Fund Return %
3.15	8.93	4.82	3.36	3.88	7.34	Benchmark Return %
1.57	6.78	3.90	2.74	3.51	-	Category Average %
59	40	25	9	6	-	% Rank in Category
440	430	385	332	254	-	# of Funds in Category

## Net Expense



Fund vs. Category	Fund vs. Peer Group	Percentile Rank
18	16	
78/432	46/289	Rank

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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.44	-	-0.77
Beta	1.04	-	0.96
R-Squared	92.76	-	85.57
Standard Deviation	3.44	3.20	3.34
Sharpe Ratio	0.81	0.96	0.64
Tracking Error	0.93	-	1.24
Information Ratio	-0.30	-	-0.94
Up Capture Ratio	101.45	-	90.50
Down Capture Ratio	117.22	-	115.44

## 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 03-31-2020

### Style Breakdown



## Asset Allocation as of 03-31-2020

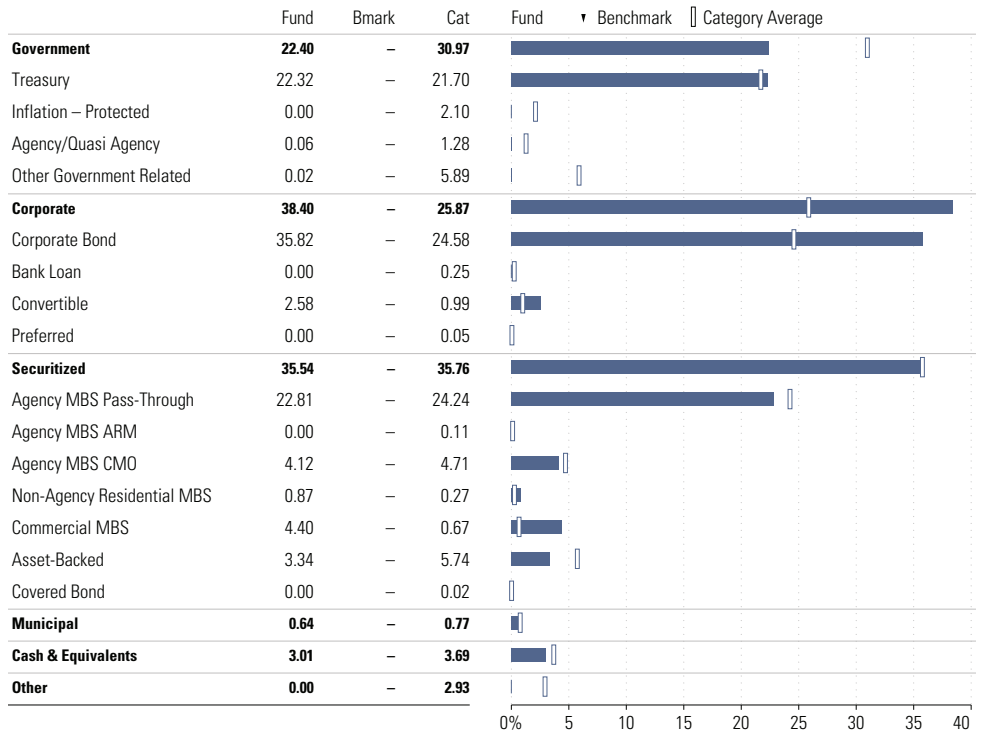


Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.00
Bonds	94.35	99.45
Cash	3.01	0.44
Other	2.64	0.10
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

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

## Sector Weighting as of 03-31-2020



## Top 10 Holdings as of 03-31-2020

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

**Total Holdings 1285**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# 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  
 Gary Elfe 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 19.52 years.

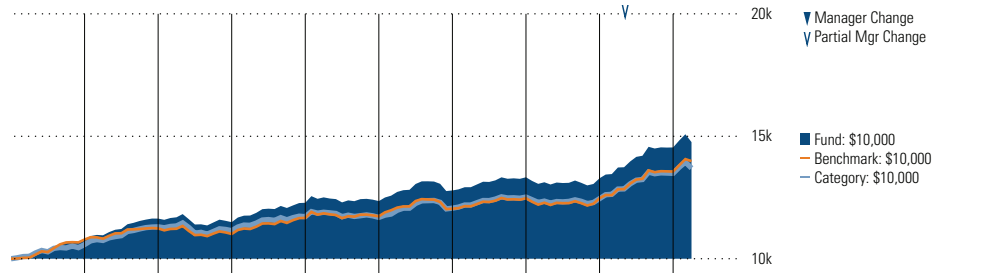
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.3 is 53.85% lower than the Intermediate Core Bond category average.

## Morningstar Investment Management LLC Analysis

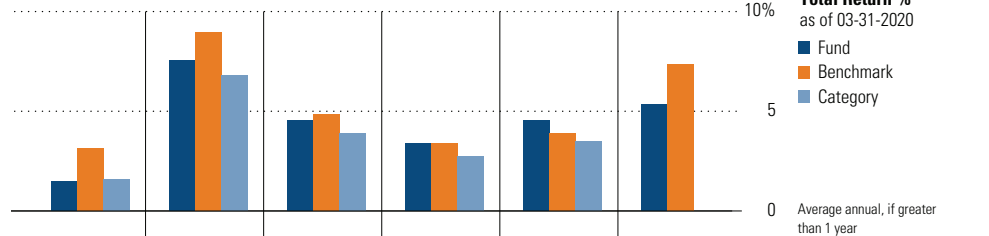
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Growth of \$10,000



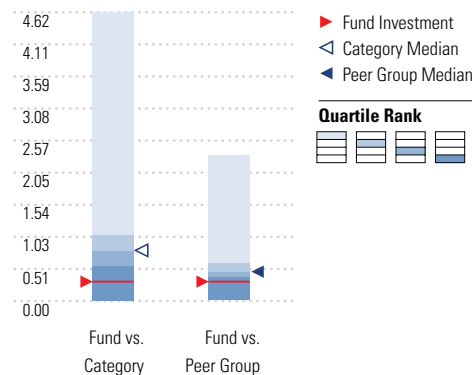
2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	History
7.85	7.92	-1.25	6.89	0.55	3.52	4.20	-0.30	9.48	1.50	Total Return %
0.01	3.71	0.77	0.92	0.00	0.87	0.66	-0.31	0.76	-1.65	+/- Benchmark
1.99	0.91	0.17	1.71	0.81	0.29	0.49	0.20	1.42	-0.07	+/- Category
9	34	36	8	22	37	31	41	15	59	Tot Ret % Rank in Cat
263	282	305	314	324	349	378	403	425	440	# 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	
1.50	7.55	4.54	3.37	4.55	5.35	Fund Return %
3.15	8.93	4.82	3.36	3.88	7.34	Benchmark Return %
1.57	6.78	3.90	2.74	3.51	-	Category Average %
59	40	25	9	6	-	% Rank in Category
440	430	385	332	254	-	# of Funds in Category

## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.44	-	-0.77
Beta	1.04	-	0.96
R-Squared	92.76	-	85.57
Standard Deviation	3.44	3.20	3.34
Sharpe Ratio	0.81	0.96	0.64
Tracking Error	0.93	-	1.24
Information Ratio	-0.30	-	-0.94
Up Capture Ratio	101.45	-	90.50
Down Capture Ratio	117.22	-	115.44

## 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 03-31-2020

**Style Breakdown**



**Asset Allocation** as of 03-31-2020

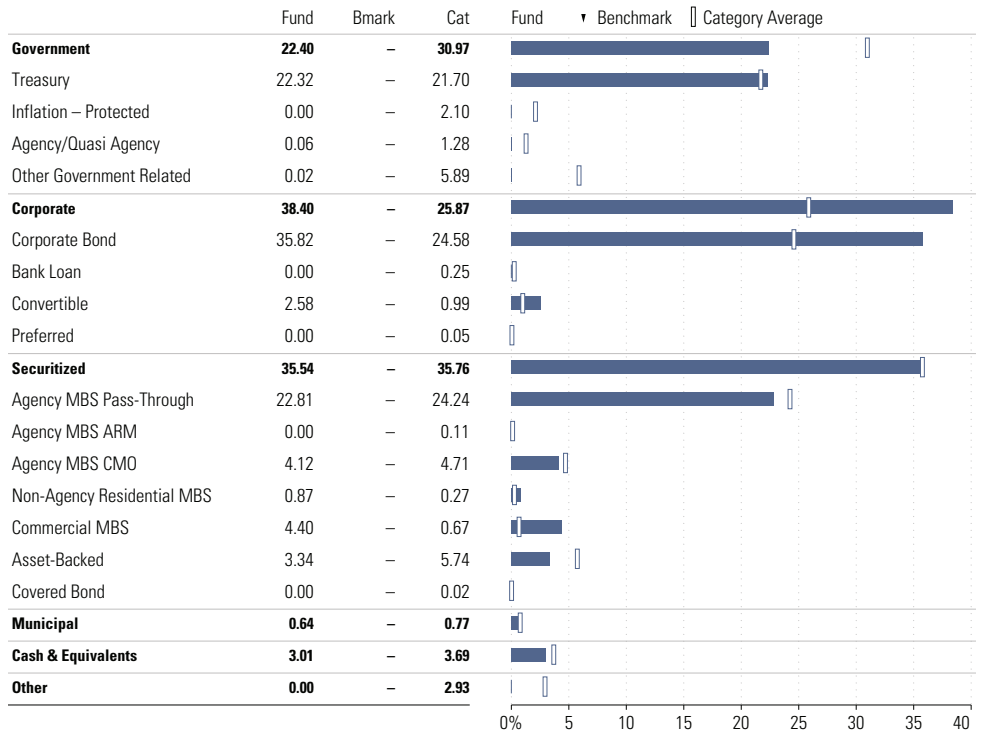


Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.00
Bonds	94.35	99.45
Cash	3.01	0.44
Other	2.64	0.10
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Credit Rating Breakdown**

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

**Sector Weighting** as of 03-31-2020



**Top 10 Holdings** as of 03-31-2020

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

**Total Holdings 1285**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Baird Core Plus Bond Inst BCOIX

**Morningstar Category**  
Intermediate Core-Plus Bond

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

## Portfolio Manager(s)

- Charles Groeschell since 09-2000
- Daniel Tranchita since 09-2000
- Gary Elfe 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-Plus 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 19.52 years.

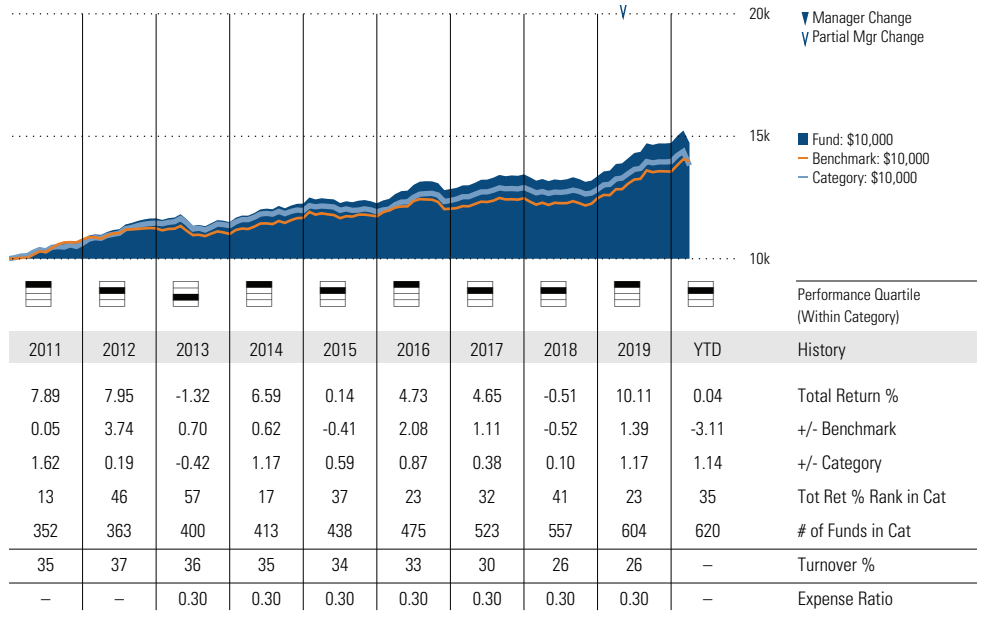
Style Consistency is not calculated for Fixed Income funds.

**Net Expense:** The fund's expense ratio of 0.3 is 62.03% lower than the Intermediate Core-Plus Bond category average.

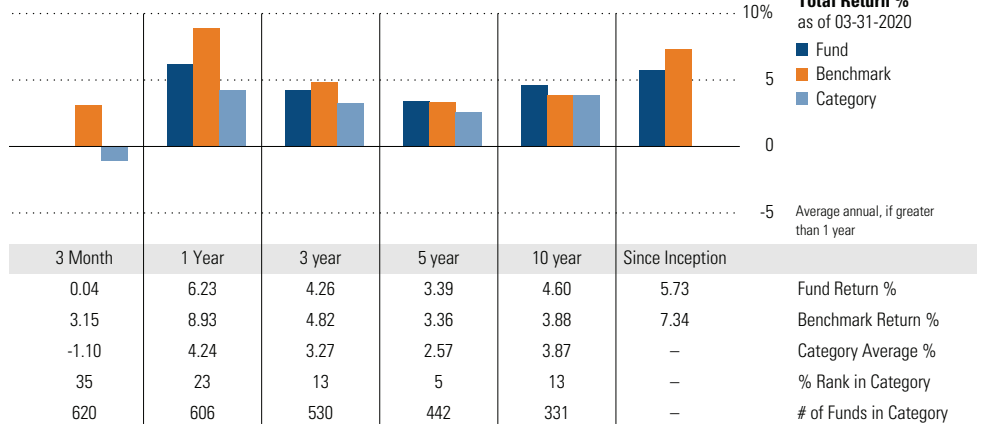
## Morningstar Investment Management LLC Analysis

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

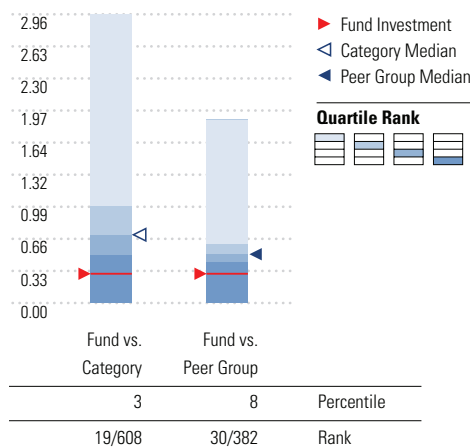
## Growth of \$10,000



## 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	-0.56	-	-1.18
Beta	1.01	-	0.94
R-Squared	78.25	-	61.83
Standard Deviation	3.65	3.20	4.02
Sharpe Ratio	0.70	0.96	0.44
Tracking Error	1.70	-	2.55
Information Ratio	-0.33	-	-0.63
Up Capture Ratio	100.22	-	88.37
Down Capture Ratio	125.68	-	132.80

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	5.56	4.43	-
Avg Eff Maturity	7.35	-	-

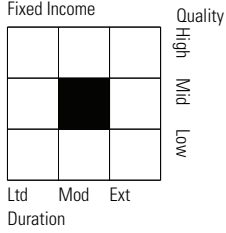
# Baird Core Plus Bond Inst BCOIX

**Morningstar Category**  
Intermediate Core-Plus Bond

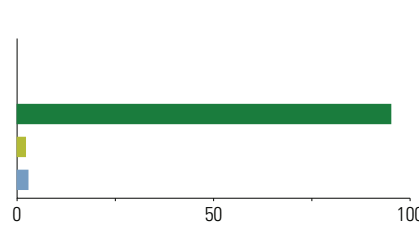
**Morningstar Index**  
BBgBarc US Agg Bond TR USD

## Style Analysis as of 03-31-2020

### Style Breakdown



## Asset Allocation as of 03-31-2020

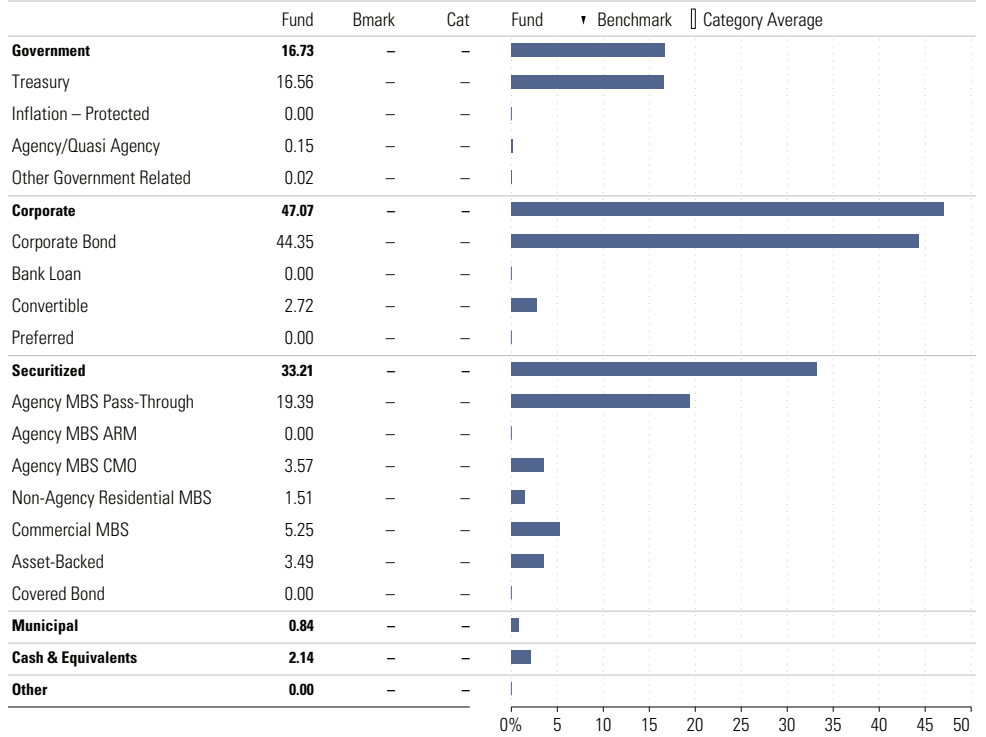


Asset Class	Net %	Cat%
US Stocks	0.00	—
Non-US Stocks	0.00	—
Bonds	95.09	—
Cash	2.14	—
Other	2.77	—
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	49.90	3.53	—
AA	3.40	74.59	—
A	17.70	10.82	—
BBB	25.50	8.32	—
BB	2.60	0.28	—
B	0.20	0.00	—
Below B	0.40	0.00	—
Not Rated	0.30	2.46	—

## Sector Weighting as of 03-31-2020



## Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Notes 1.88%	03-2022	3.86	3.86	—
⊕ United States Treasury Bonds 2.88%	05-2043	3.73	7.59	—
⊖ United States Treasury Bonds 2.5%	02-2045	3.08	10.68	—
United States Treasury Notes 1.75%	03-2022	2.01	12.69	—
⊖ United States Treasury Bonds 3.5%	02-2039	1.93	14.62	—
⊖ First American Government Obligs U	02-2030	1.84	16.46	—
⊕ United States Treasury Notes 2.13%	12-2022	0.95	17.41	—
⊕ Fnma Pass-Thru I 3.5%	06-2049	0.50	17.91	—
⊖ Federal National Mortgage Association 3.5%	07-2042	0.45	18.36	—
⊖ United States Treasury Notes 1.63%	08-2022	0.43	18.79	—

**Total Holdings 1475**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Baird Core Plus Bond Inst BCOIX

**Morningstar Category**  
Intermediate Core-Plus Bond

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

## Portfolio Manager(s)

- Charles Groeschell since 09-2000
- Daniel Tranchita since 09-2000
- Gary Elfe 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-Plus 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 19.52 years.

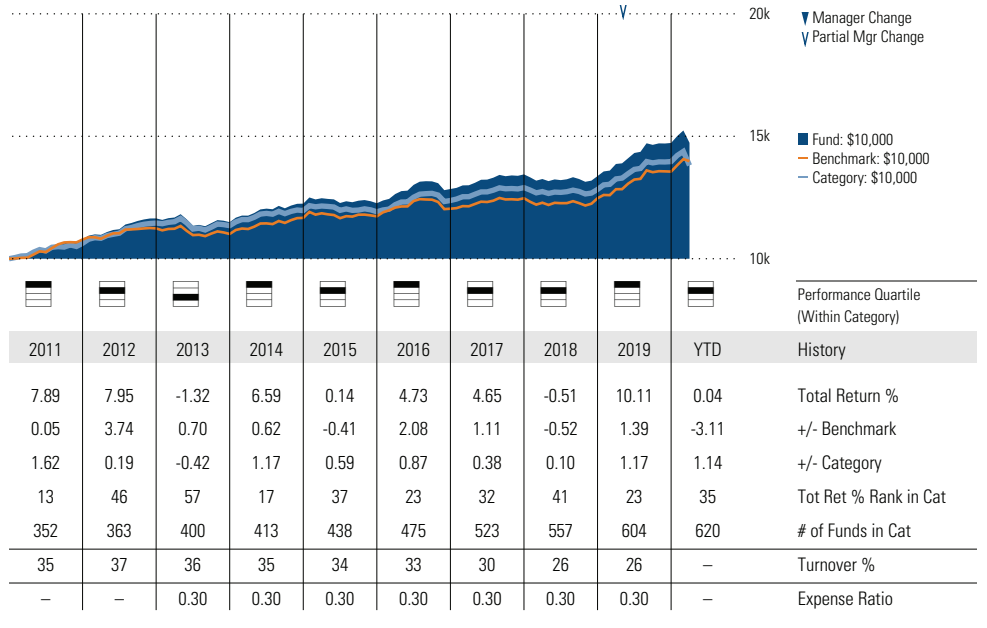
Style Consistency is not calculated for Fixed Income funds.

**Net Expense:** The fund's expense ratio of 0.3 is 62.03% lower than the Intermediate Core-Plus Bond category average.

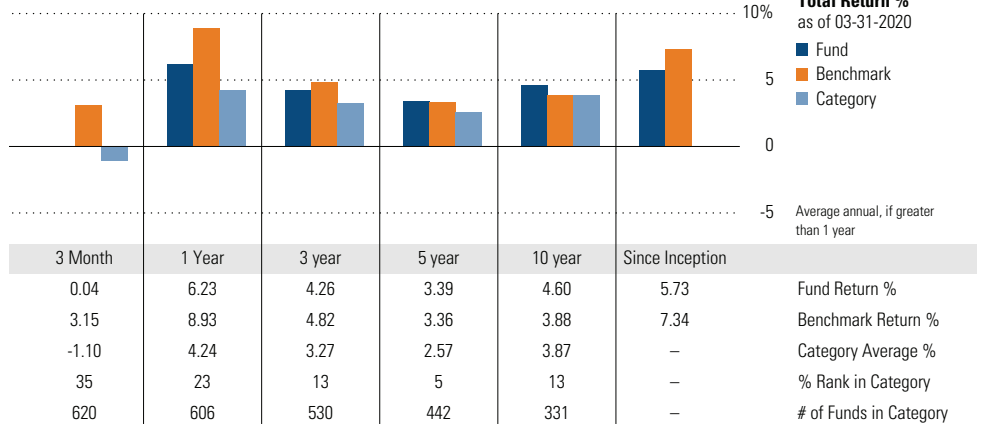
## Morningstar Investment Management LLC Analysis

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

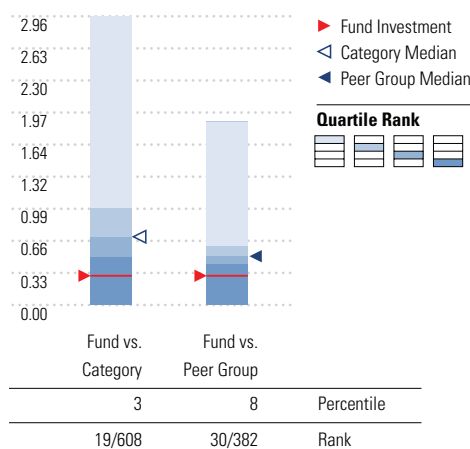
## Growth of \$10,000



## 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	-0.56	-	-1.18
Beta	1.01	-	0.94
R-Squared	78.25	-	61.83
Standard Deviation	3.65	3.20	4.02
Sharpe Ratio	0.70	0.96	0.44
Tracking Error	1.70	-	2.55
Information Ratio	-0.33	-	-0.63
Up Capture Ratio	100.22	-	88.37
Down Capture Ratio	125.68	-	132.80

## Portfolio Metrics

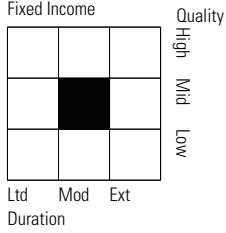
Metric	Fund	Bmark	Cat
Avg Eff Duration	5.56	4.43	-
Avg Eff Maturity	7.35	-	-

# Baird Core Plus Bond Inst BCOIX

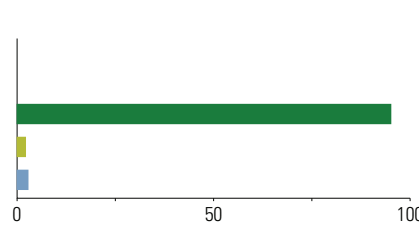
**Morningstar Category** Intermediate Core-Plus Bond  
**Morningstar Index** BBgBarc US Agg Bond TR USD

## Style Analysis as of 03-31-2020

### Style Breakdown



## Asset Allocation as of 03-31-2020

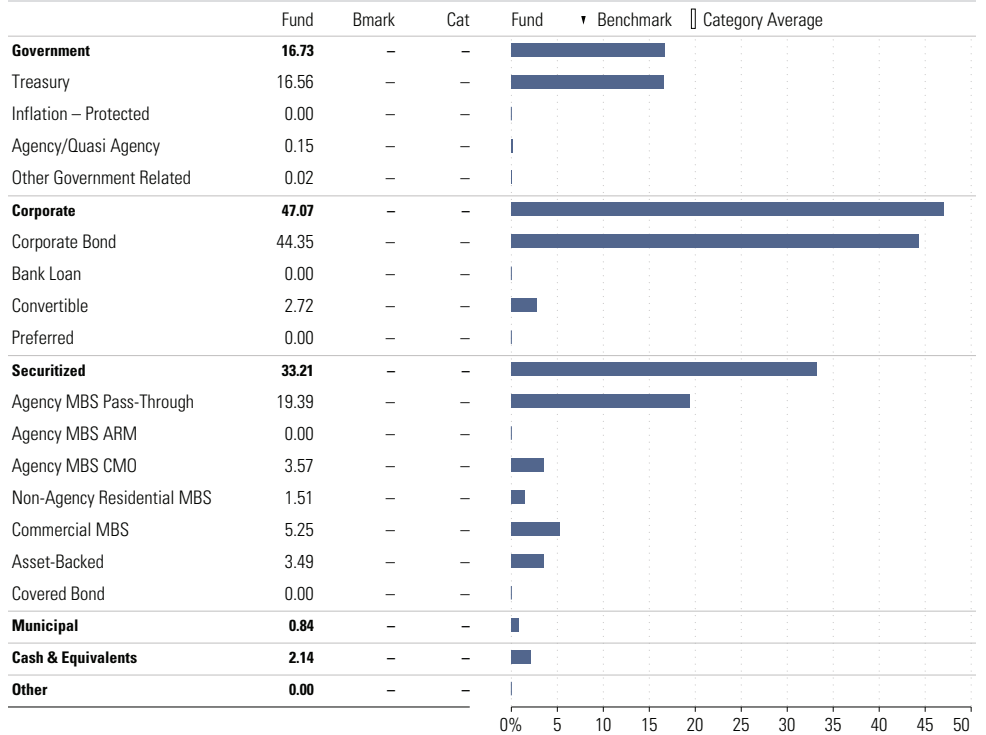


Asset Class	Net %	Cat%
US Stocks	0.00	—
Non-US Stocks	0.00	—
Bonds	95.09	—
Cash	2.14	—
Other	2.77	—
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	49.90	3.53	—
AA	3.40	74.59	—
A	17.70	10.82	—
BBB	25.50	8.32	—
BB	2.60	0.28	—
B	0.20	0.00	—
Below B	0.40	0.00	—
Not Rated	0.30	2.46	—

## Sector Weighting as of 03-31-2020



## Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Notes 1.88%	03-2022	3.86	3.86	—
⊕ United States Treasury Bonds 2.88%	05-2043	3.73	7.59	—
⊖ United States Treasury Bonds 2.5%	02-2045	3.08	10.68	—
United States Treasury Notes 1.75%	03-2022	2.01	12.69	—
⊖ United States Treasury Bonds 3.5%	02-2039	1.93	14.62	—
⊖ First American Government Obligs U	02-2030	1.84	16.46	—
⊕ United States Treasury Notes 2.13%	12-2022	0.95	17.41	—
⊕ Fnma Pass-Thru I 3.5%	06-2049	0.50	17.91	—
⊖ Federal National Mortgage Association 3.5%	07-2042	0.45	18.36	—
⊖ United States Treasury Notes 1.63%	08-2022	0.43	18.79	—

**Total Holdings 1475**

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# Fidelity® High Income SPHIX

**Morningstar Category**  
High Yield Bond

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

## Portfolio Manager(s)

Michael Weaver since 10-2018  
Alexandre Karam since 12-2018

## Quantitative Screens

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

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

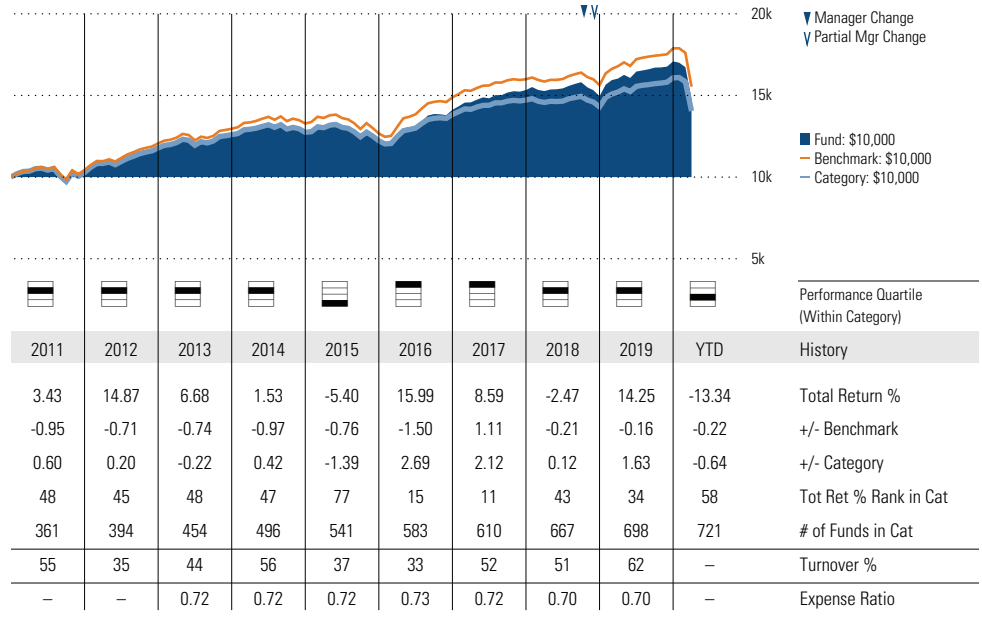
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.7 is 29.29% lower than the High Yield Bond category average.

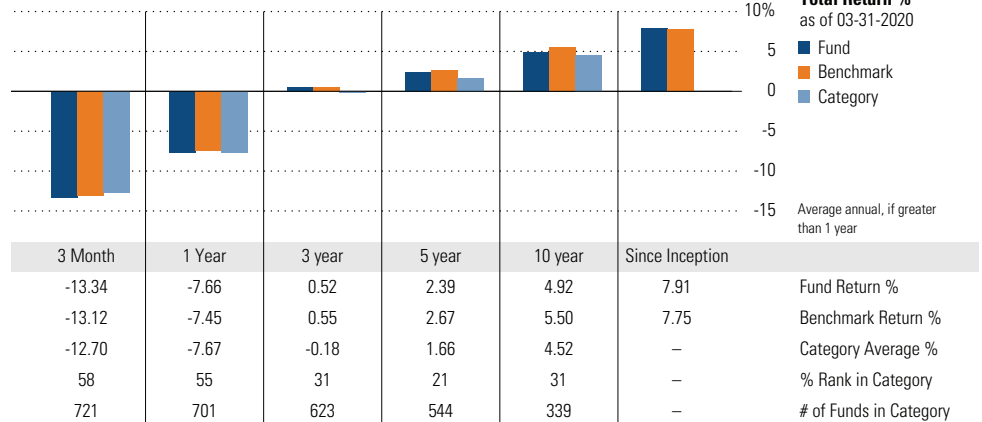
## Morningstar Investment Management LLC Analysis

We had placed this fund on watch following a manager change in October 2018. During the period that the fund has been on watch, the new manager has earned competitive returns. As a result, we are taking the fund off watch.

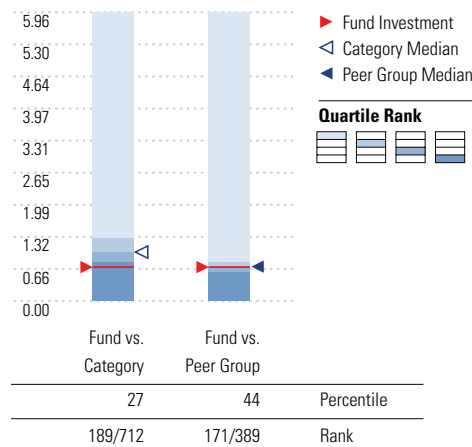
## Growth of \$10,000



## 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	-0.03	-	-0.79
Beta	1.00	-	0.97
R-Squared	99.12	-	96.27
Standard Deviation	8.22	8.22	8.13
Sharpe Ratio	-0.11	-0.10	-0.19
Tracking Error	0.77	-	1.93
Information Ratio	-0.04	-	-0.49
Up Capture Ratio	100.75	-	87.86
Down Capture Ratio	101.21	-	98.22

## Portfolio Metrics

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

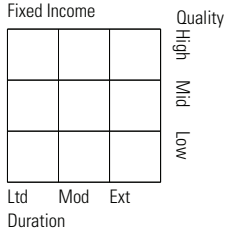
# Fidelity® High Income SPHIX

**Morningstar Category**  
High Yield Bond

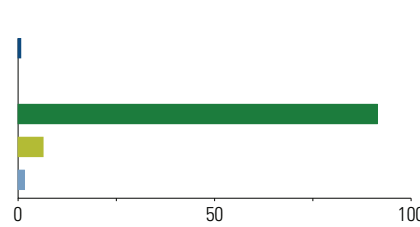
**Morningstar Index**  
ICE BofAML US High Yield TR USD

## Style Analysis as of 03-31-2020

### Style Breakdown



## Asset Allocation as of 03-31-2020

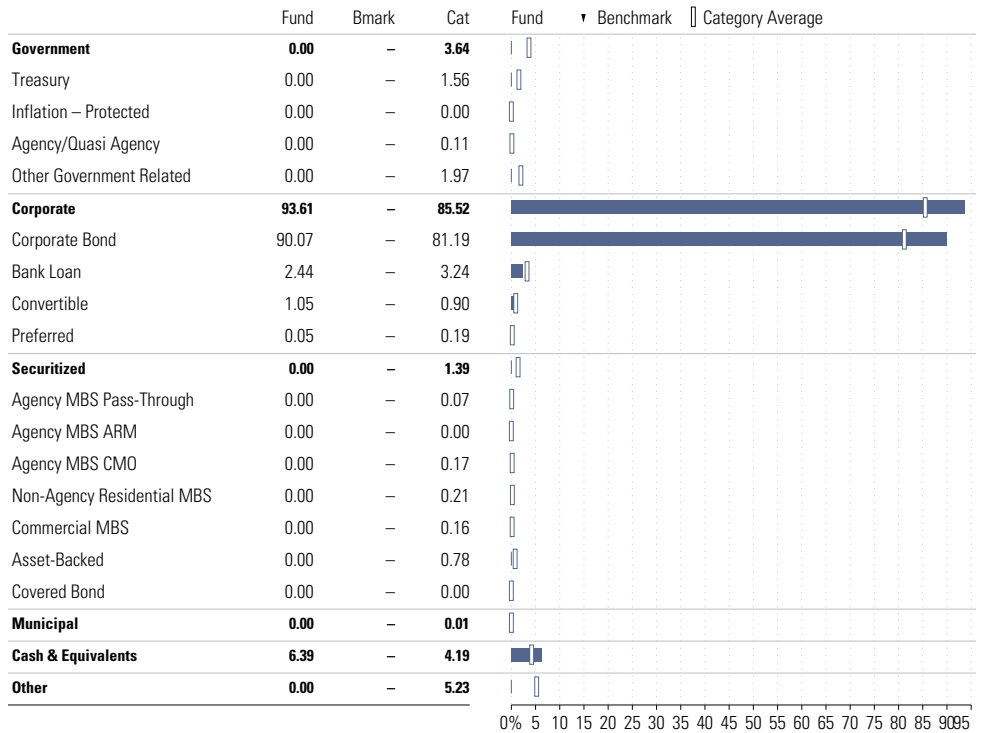


Asset Class	Net %	Cat%
US Stocks	0.67	0.63
Non-US Stocks	0.00	0.03
Bonds	91.38	97.30
Cash	6.35	2.13
Other	1.60	-0.11
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	0.00	-	1.78
AA	0.00	-	1.17
A	0.00	-	1.47
BBB	2.48	-	3.75
BB	42.92	-	37.28
B	38.55	-	40.07
Below B	15.32	-	13.25
Not Rated	0.73	-	1.23

## Sector Weighting as of 03-31-2020



## Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊖ Fidelity Revere Str Tr	-	6.29	6.29	-
⊕ C&W Senior Financing Designated Activity Company 6.88%	09-2027	1.27	7.56	-
Tenet Healthcare Corporation 8.12%	04-2022	1.09	8.65	-
CHENIERE ENERGY PARTNERS L P 5.25%	10-2025	1.04	9.69	-
Community Health Systems Incorporated 8%	03-2026	1.01	10.70	-
⊕ Sprint Corporation 7.88%	09-2023	1.00	11.71	-
⊕ Jbs Usa Lux SA/Jbs Usa Food Company/Jbs Usa Finance Inc 6.5%	04-2029	0.99	12.70	-
⊖ Ally Financial Inc. 5.75%	11-2025	0.97	13.66	-
⊕ Sprint Corporation 6%	11-2022	0.96	14.62	-
Caesars Resort Collection LLC/CRC Finco Inc 5.25%	10-2025	0.88	15.50	-

**Total Holdings 403**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Fidelity® High Income SPHIX

**Morningstar Category**  
High Yield Bond

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

## Portfolio Manager(s)

Michael Weaver since 10-2018  
Alexandre Karam since 12-2018

## Quantitative Screens

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

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

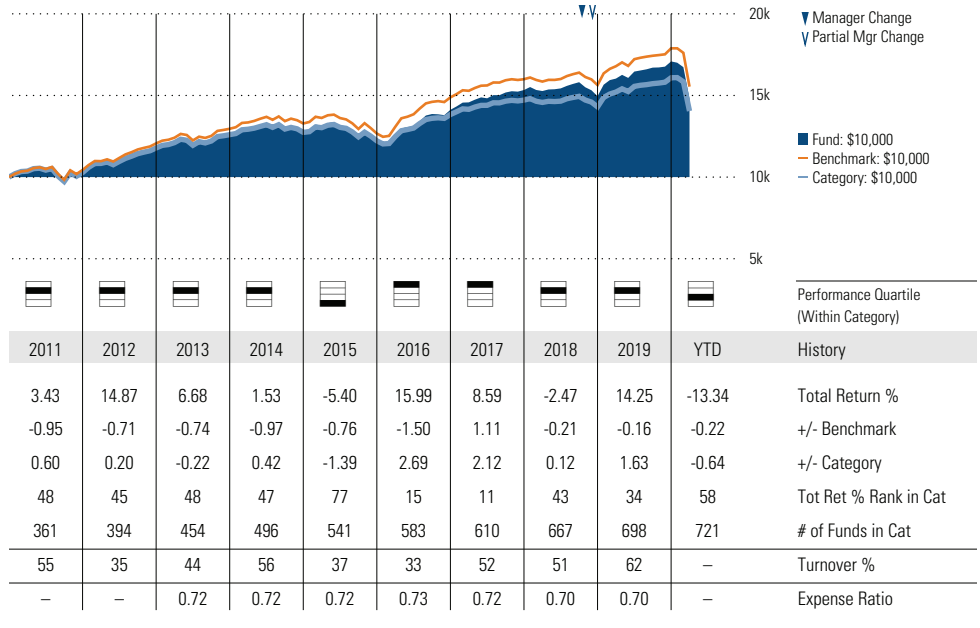
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.7 is 29.29% lower than the High Yield Bond category average.

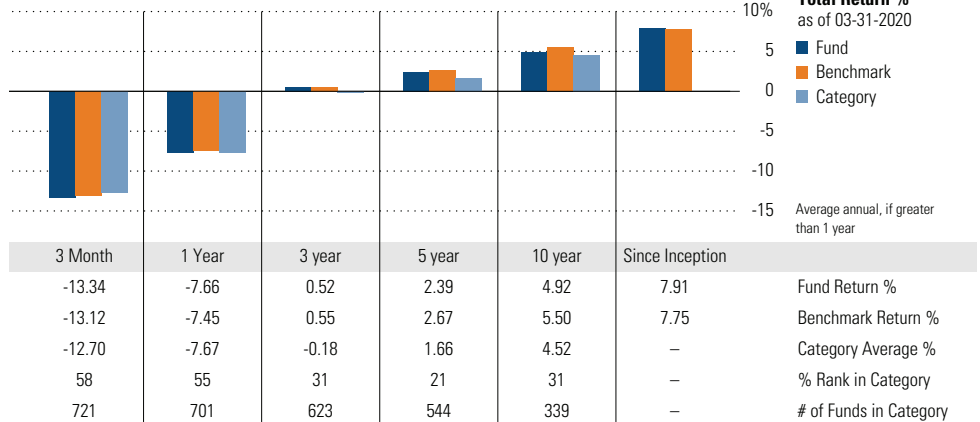
## Morningstar Investment Management LLC Analysis

We had placed this fund on watch following a manager change in October 2018. During the period that the fund has been on watch, the new manager has earned competitive returns. As a result, we are taking the fund off watch.

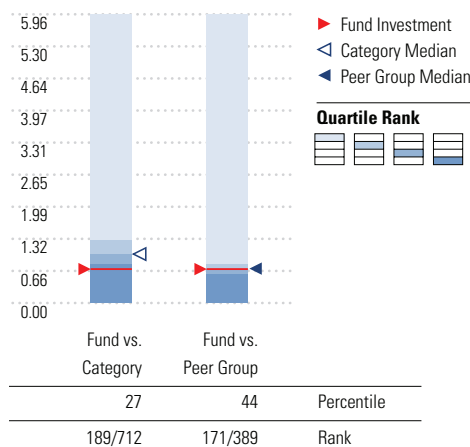
## Growth of \$10,000



## 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	-0.03	-	-0.79
Beta	1.00	-	0.97
R-Squared	99.12	-	96.27
Standard Deviation	8.22	8.22	8.13
Sharpe Ratio	-0.11	-0.10	-0.19
Tracking Error	0.77	-	1.93
Information Ratio	-0.04	-	-0.49
Up Capture Ratio	100.75	-	87.86
Down Capture Ratio	101.21	-	98.22

## Portfolio Metrics

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

# Fidelity® High Income SPHIX

**Morningstar Category**  
High Yield Bond

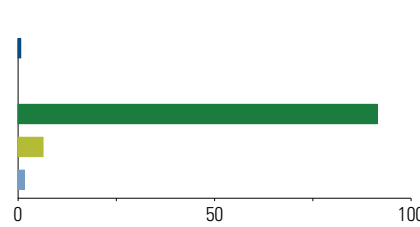
**Morningstar Index**  
ICE BofAML US High Yield TR USD

## Style Analysis as of 03-31-2020

### Style Breakdown



## Asset Allocation as of 03-31-2020

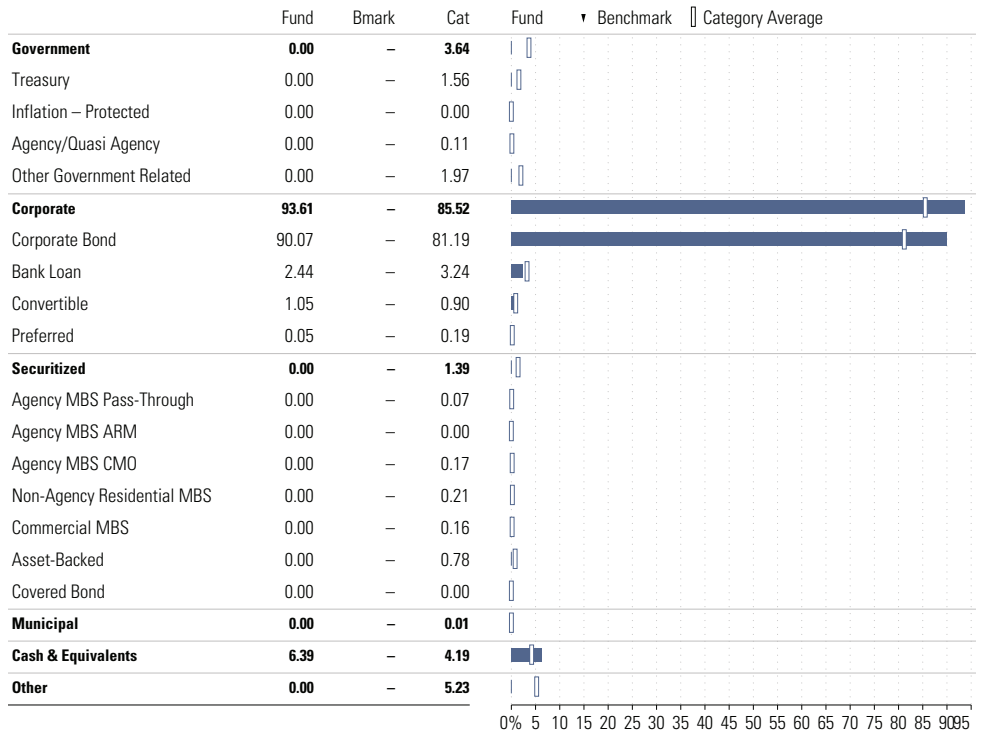


Asset Class	Net %	Cat%
US Stocks	0.67	0.63
Non-US Stocks	0.00	0.03
Bonds	91.38	97.30
Cash	6.35	2.13
Other	1.60	-0.11
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	0.00	-	1.78
AA	0.00	-	1.17
A	0.00	-	1.47
BBB	2.48	-	3.75
BB	42.92	-	37.28
B	38.55	-	40.07
Below B	15.32	-	13.25
Not Rated	0.73	-	1.23

## Sector Weighting as of 03-31-2020



## Top 10 Holdings as of 03-31-2020

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**Total Holdings 403**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Invesco Balanced-Risk Commodity Strat R6 IBRFX

**Morningstar Category**  
Commodities Broad Basket

**Morningstar Index**  
Bloomberg Commodity TR USD

## Portfolio Manager(s)

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

## Quantitative Screens

✔ **Performance:** The fund has finished in the Commodities Broad Basket category's top three quartiles in 5 of the 7 years it's been in existence.

✔ **Management:** The fund's management has been in place for 9.34 years.

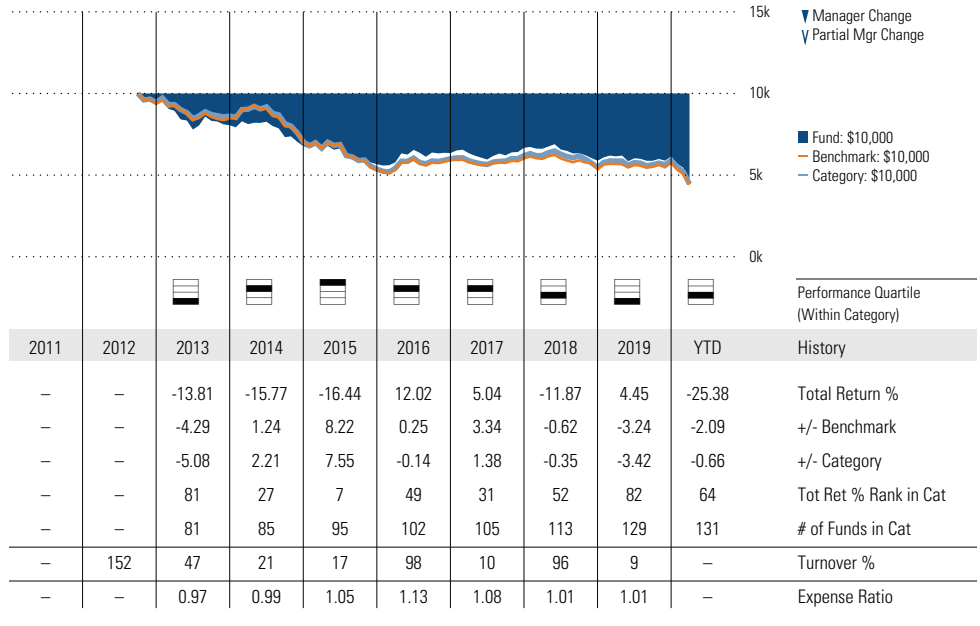
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 1.01 is 12.93% lower than the Commodities Broad Basket category average.

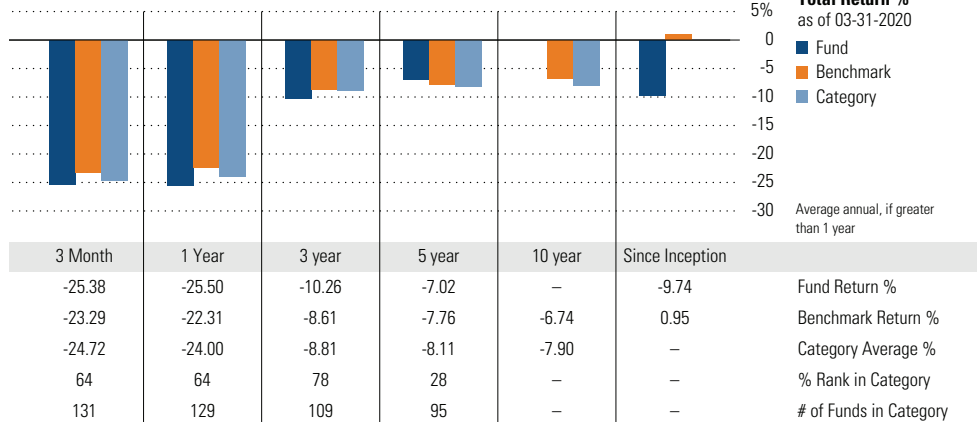
## Morningstar Investment Management LLC Analysis

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

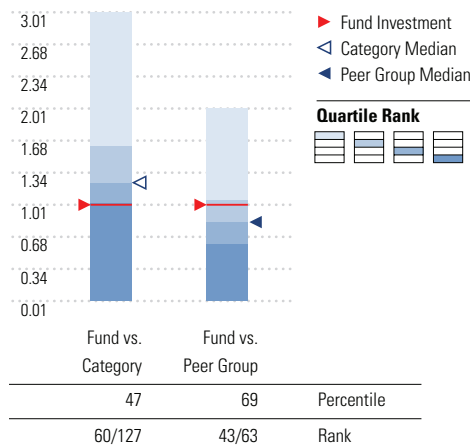
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-1.62	-	0.54
Beta	1.01	-	1.12
R-Squared	86.61	-	85.79
Standard Deviation	13.19	12.21	14.82
Sharpe Ratio	-0.88	-0.82	-0.73
Tracking Error	4.83	-	6.03
Information Ratio	-0.34	-	-0.19
Up Capture Ratio	99.49	-	112.96
Down Capture Ratio	108.82	-	111.34

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	-	-	8.37
Price/Book Ratio	-	-	1.07
Geom Avg Mkt Cap \$B	-	-	13.71
ROE	-	-	21.43

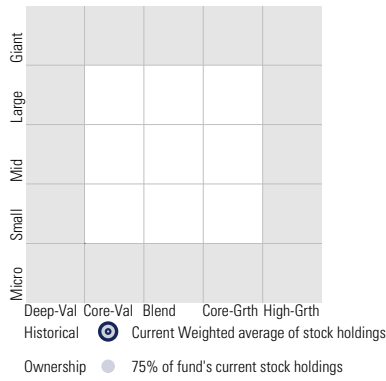
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**Morningstar Category**  
Commodities Broad Basket

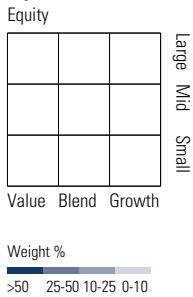
**Morningstar Index**  
Bloomberg Commodity TR USD

## Style Analysis as of 03-31-2020

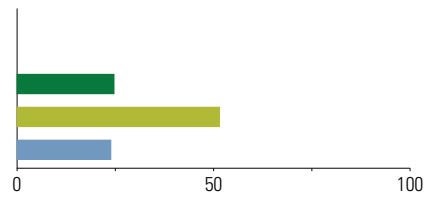
Morningstar Style Box™



## Style Breakdown

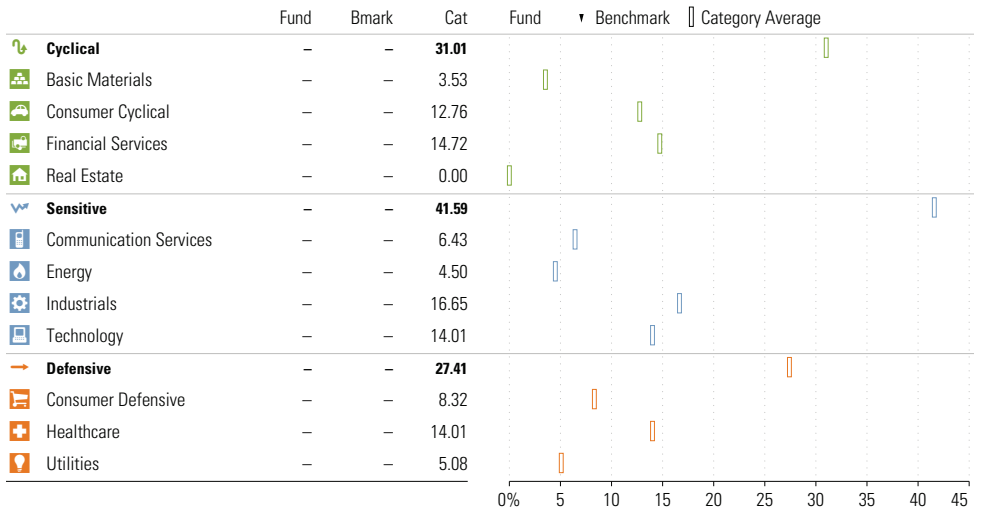


## Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	0.00	2.73
Non-US Stocks	0.00	1.30
Bonds	24.65	22.39
Cash	51.50	67.83
Other	23.84	5.75
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2020



## Top 13 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Invesco Cayman Commodity Fund Iii Hf	23.84	23.84	-	-
⊖ Invesco Shrt-Trm Inv Treasury Instl	15.47	39.31	-	-
⊖ Invesco Shrt-Trm Inv Gov&Agcy Instl	13.53	52.84	-	-
⊖ Invesco Shrt-Trm Inv Liq Assets Instl	9.69	62.53	-	-
United States Treasury Notes 1.57%	7.40	69.93	-	-
United States Treasury Notes 1.56%	6.40	76.33	-	-
United States Treasury Notes 1.53%	6.29	82.62	-	-
⊕ United States Treasury Bills 0%	4.87	87.49	-	-
⊕ United States Treasury Bills 0%	4.87	92.36	-	-
Barclays Bank plc 0.01%	3.59	95.95	-	-
International Bank for Reconstruction and Development 1.57%	2.93	98.89	-	-
⊕ Barclays Bank plc 0%	1.11	100.00	-	-
⊕ Usd Currency Cash	0.00	100.00	-	-

## Total Holdings 13

⊕ Increase ⊖ Decrease ✨ New to Portfolio

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Bloomberg Commodity TR USD

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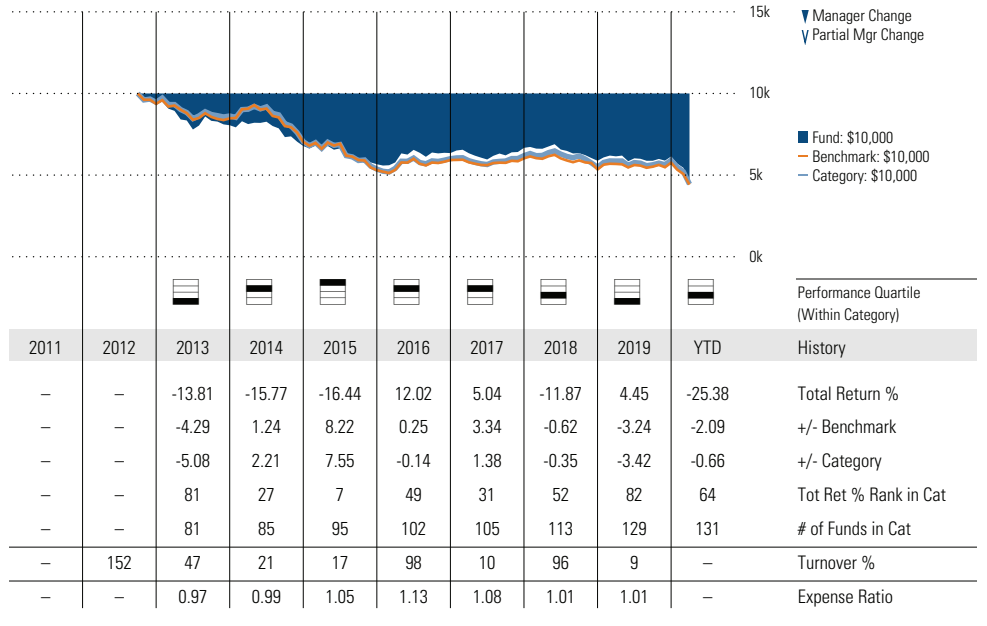
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✔ **Net Expense:** The fund's expense ratio of 1.01 is 12.93% lower than the Commodities Broad Basket category average.

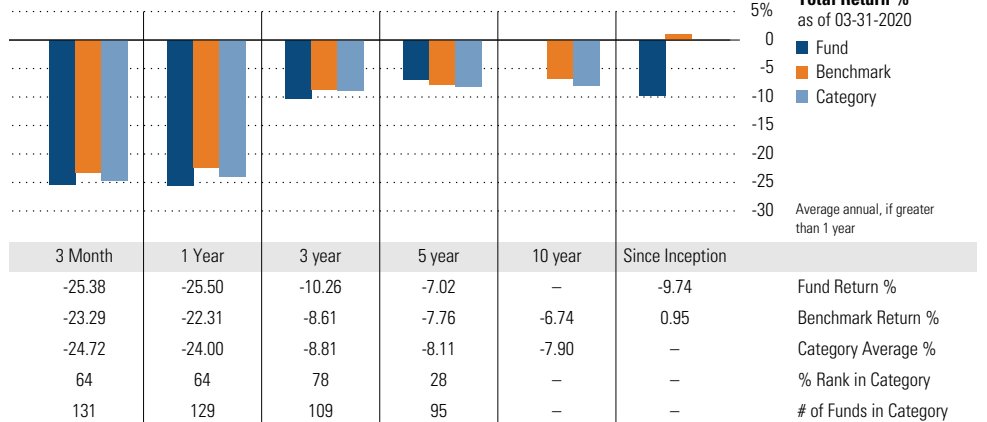
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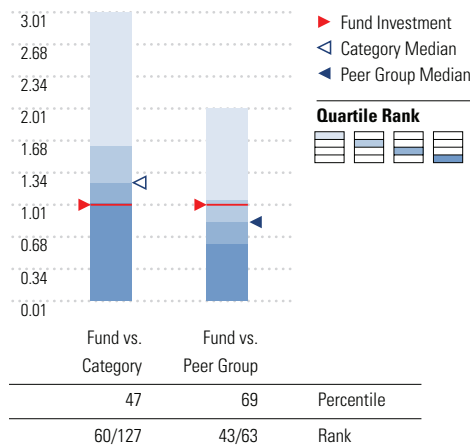
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

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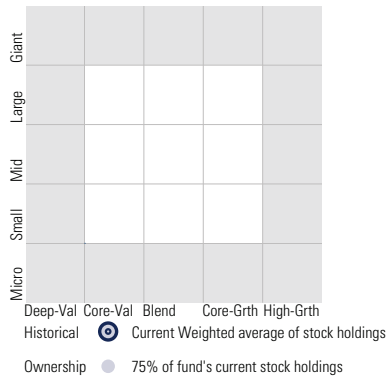
# Invesco Balanced-Risk Commodity Strat R6 IBRFX

**Morningstar Category**  
Commodities Broad Basket

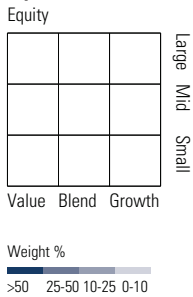
**Morningstar Index**  
Bloomberg Commodity TR USD

## Style Analysis as of 03-31-2020

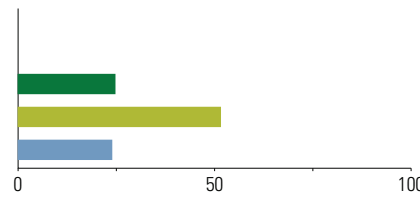
Morningstar Style Box™



## Style Breakdown

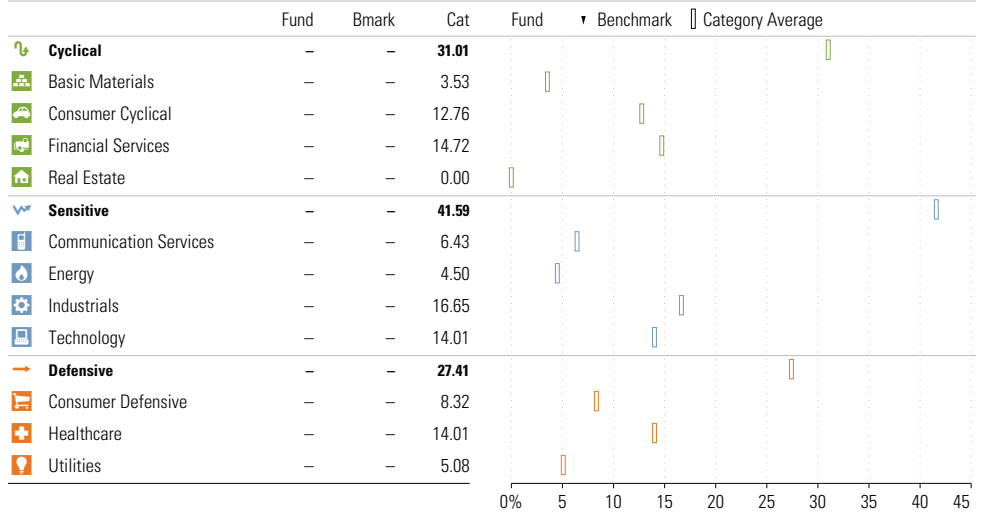


## Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	0.00	2.73
Non-US Stocks	0.00	1.30
Bonds	24.65	22.39
Cash	51.50	67.83
Other	23.84	5.75
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2020



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⊕ Usd Currency Cash	0.00	100.00	-	-

## Total Holdings 13

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Invesco Oppenheimer Global Y OGLYX

**Morningstar Category**  
World Large Stock

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

**Portfolio Manager(s)**

John Delano since 03-2017

**Quantitative Screens**

✔ **Performance:** The fund has finished in the World Large Stock 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 3 years.

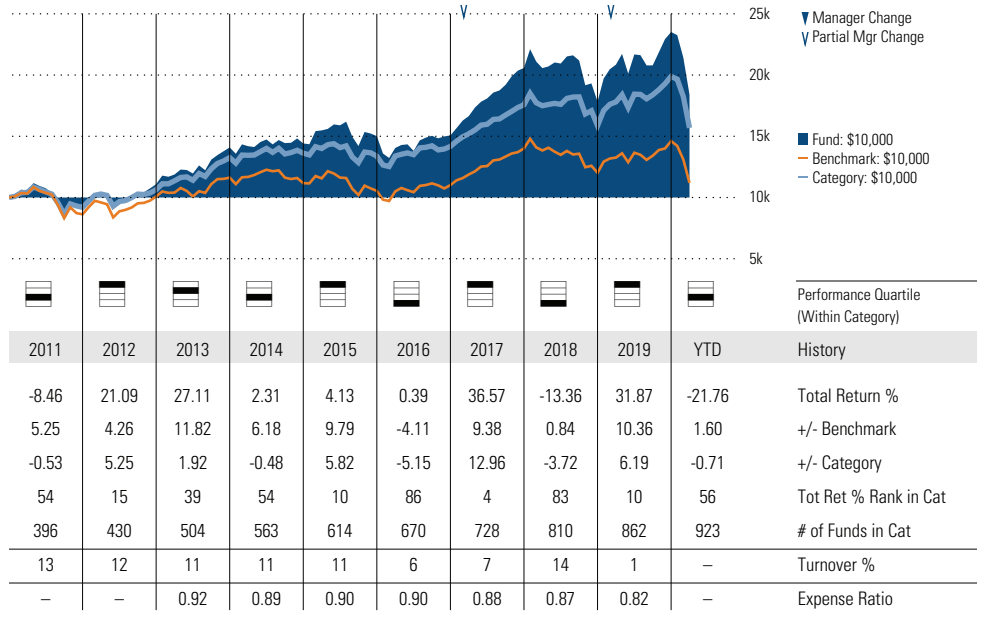
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.82 is 26.13% lower than the World Large Stock category average.

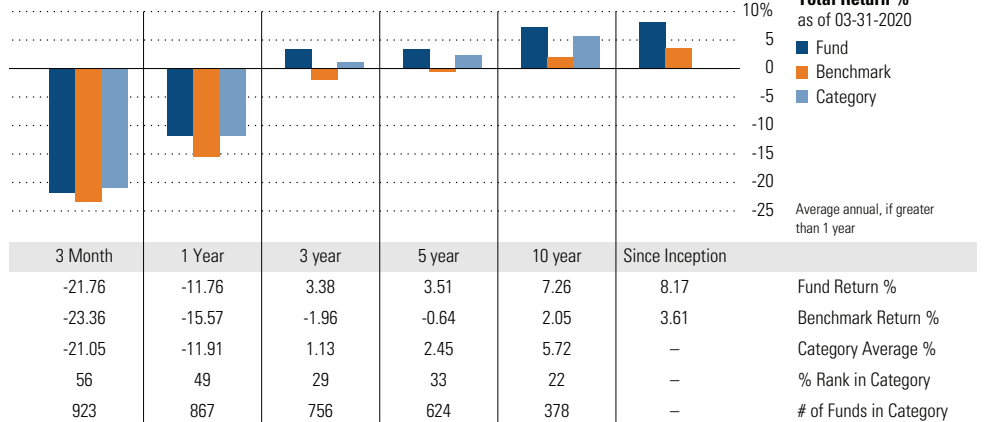
**Morningstar Investment Management LLC Analysis**

This fund is on watch due to a manager change. At the end of March 2019, longtime lead manager Rajeev Bhaman retired. Although his successor is experienced, Bhaman was key to the fund's long-term success. We are placing the fund on watch while we monitor how it fares under new management.

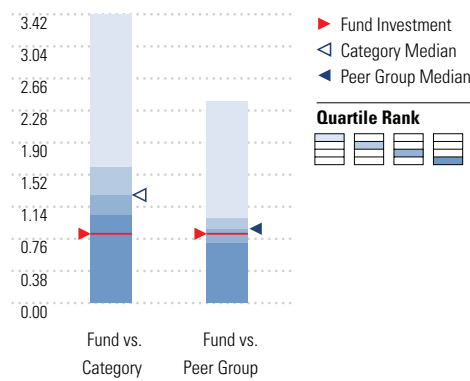
**Growth of \$10,000**



**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	5.77	-	3.28
Beta	1.09	-	0.94
R-Squared	88.52	-	86.81
Standard Deviation	17.57	15.15	15.25
Sharpe Ratio	0.18	-0.17	0.06
Tracking Error	6.11	-	5.74
Information Ratio	0.87	-	0.57
Up Capture Ratio	124.32	-	98.57
Down Capture Ratio	96.31	-	83.21

**Portfolio Metrics**

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	25.77	13.01	14.41
Price/Book Ratio	3.31	1.30	1.86
Geom Avg Mkt Cap \$B	70.66	30.91	59.56
ROE	20.19	15.58	21.53

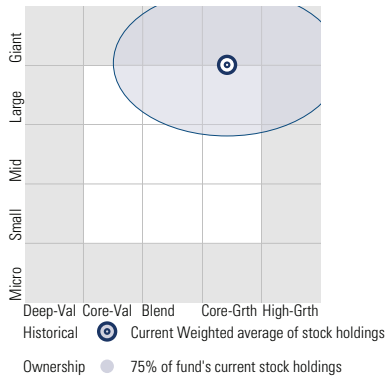
# Invesco Oppenheimer Global Y OGLYX

**Morningstar Category**  
World Large Stock

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

## Style Analysis as of 03-31-2020

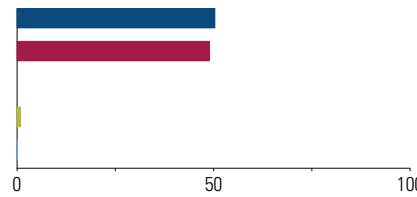
Morningstar Style Box™



## Style Breakdown

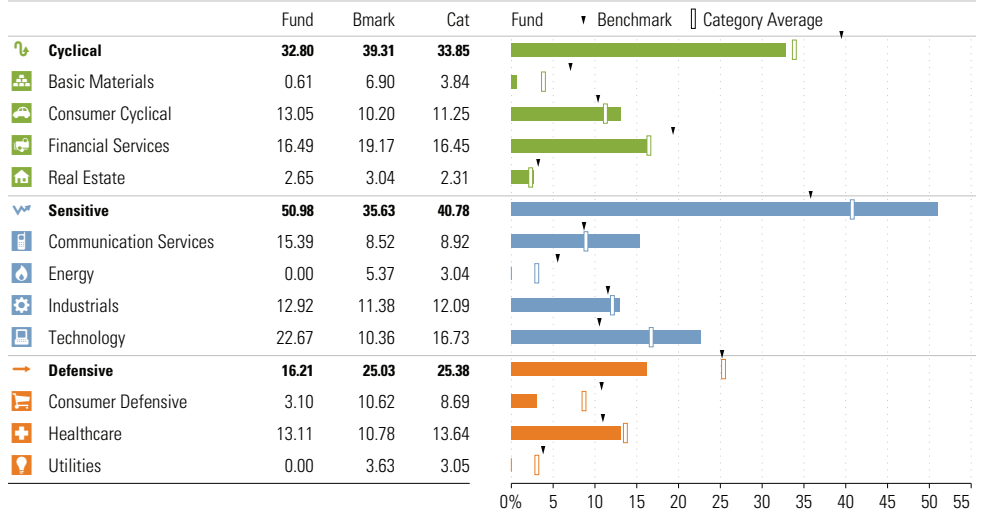


## Asset Allocation as of 03-31-2020

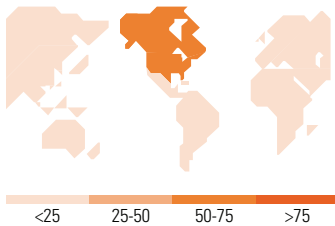


Asset Class	Net %	Cat%
US Stocks	50.31	53.76
Non-US Stocks	48.90	42.39
Bonds	0.00	0.23
Cash	0.79	2.70
Other	0.01	0.93
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2020



## World Regions % Equity 03-31-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	21.16	16.21	Americas	51.29	58.90	Greater Europe	27.55	24.88	Developed Markets	92.81
Japan	14.55	6.06	North America	50.71	58.05	United Kingdom	3.39	6.41	Emerging Markets	7.19
Australasia	0.00	0.94	Central/Latin	0.58	0.85	W euro-ex UK	24.16	17.80	Not Available	0.00
Asia-4 Tigers	0.00	3.86				Emrgng Europe	0.00	0.28		
Asia-ex 4 Tigers	6.61	5.35				Africa	0.00	0.39		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Alphabet Inc A	7.37	7.37	-13.25	Communication Svc
LVMH Moet Hennessy Louis Vuitton SE	4.34	11.71	-18.29	Consumer Cyclical
Airbus SE	4.11	15.82	-54.52	Industrials
S&P Global Inc	3.71	19.53	-10.01	Financial Services
Adobe Inc	3.62	23.15	-3.51	Technology
Facebook Inc A	3.52	26.67	-18.73	Communication Svc
Intuit Inc	3.25	29.91	-11.99	Technology
SAP SE	2.90	32.81	-14.56	Technology
Anthem Inc	2.81	35.63	-24.51	Healthcare
Kering SA	2.70	38.33	-18.08	Consumer Cyclical

**Total Holdings 70**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

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World Large Stock

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

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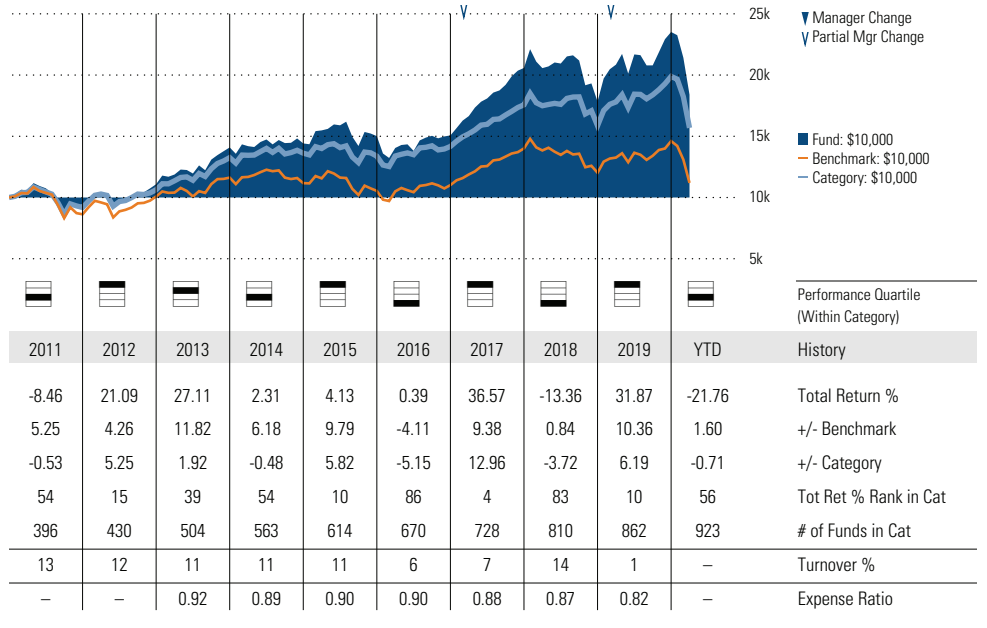
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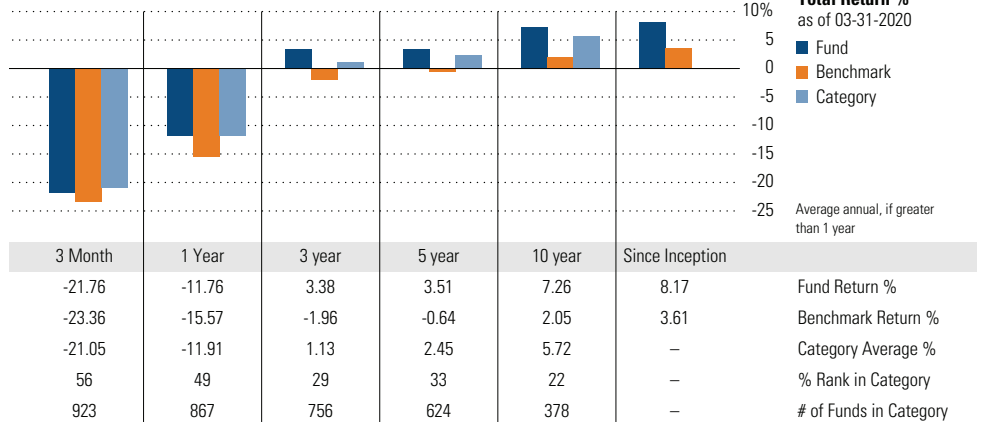
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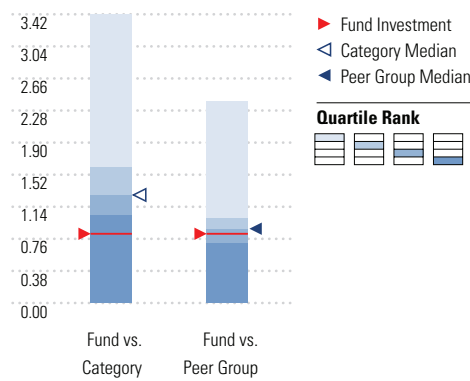
**Growth of \$10,000**



**Trailing Performance**



**Net Expense**



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Up Capture Ratio	124.32	-	98.57
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**Portfolio Metrics**

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Price/Book Ratio	3.31	1.30	1.86
Geom Avg Mkt Cap \$B	70.66	30.91	59.56
ROE	20.19	15.58	21.53

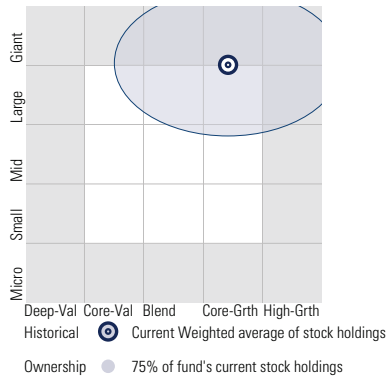
# Invesco Oppenheimer Global Y OGLYX

**Morningstar Category**  
World Large Stock

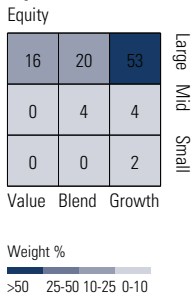
**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Style Analysis as of 03-31-2020

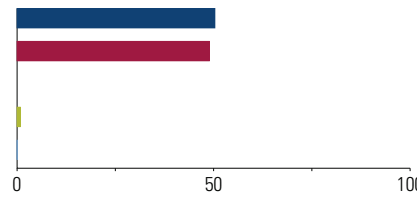
Morningstar Style Box™



## Style Breakdown

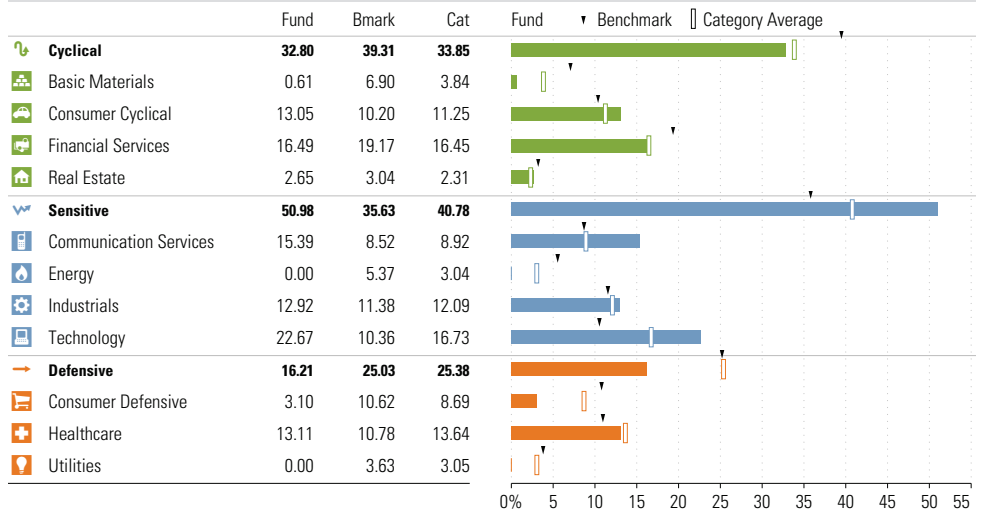


## Asset Allocation as of 03-31-2020

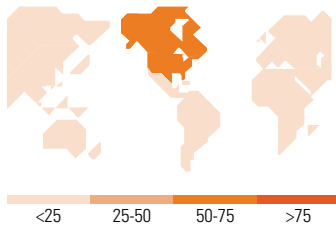


Asset Class	Net %	Cat%
US Stocks	50.31	53.76
Non-US Stocks	48.90	42.39
Bonds	0.00	0.23
Cash	0.79	2.70
Other	0.01	0.93
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2020



## World Regions % Equity 03-31-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	21.16	16.21	Americas	51.29	58.90	Greater Europe	27.55	24.88	Developed Markets	92.81
Japan	14.55	6.06	North America	50.71	58.05	United Kingdom	3.39	6.41	Emerging Markets	7.19
Australasia	0.00	0.94	Central/Latin	0.58	0.85	W euro-ex UK	24.16	17.80	Not Available	0.00
Asia-4 Tigers	0.00	3.86				Emrgng Europe	0.00	0.28		
Asia-ex 4 Tigers	6.61	5.35				Africa	0.00	0.39		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Alphabet Inc A	7.37	7.37	-13.25	Communication Svc
LVMH Moet Hennessy Louis Vuitton SE	4.34	11.71	-18.29	Consumer Cyclical
Airbus SE	4.11	15.82	-54.52	Industrials
S&P Global Inc	3.71	19.53	-10.01	Financial Services
Adobe Inc	3.62	23.15	-3.51	Technology
Facebook Inc A	3.52	26.67	-18.73	Communication Svc
Intuit Inc	3.25	29.91	-11.99	Technology
SAP SE	2.90	32.81	-14.56	Technology
Anthem Inc	2.81	35.63	-24.51	Healthcare
Kering SA	2.70	38.33	-18.08	Consumer Cyclical

**Total Holdings 70**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# JPMorgan Equity Income R6 OIEJX

**Morningstar Category**  
Large Value

**Morningstar Index**  
Russell 1000 Value TR USD

## Portfolio Manager(s)

Clare Hart since 08-2004  
David Silberman since 11-2019  
Andrew Brandon since 11-2019

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 15.67 years.

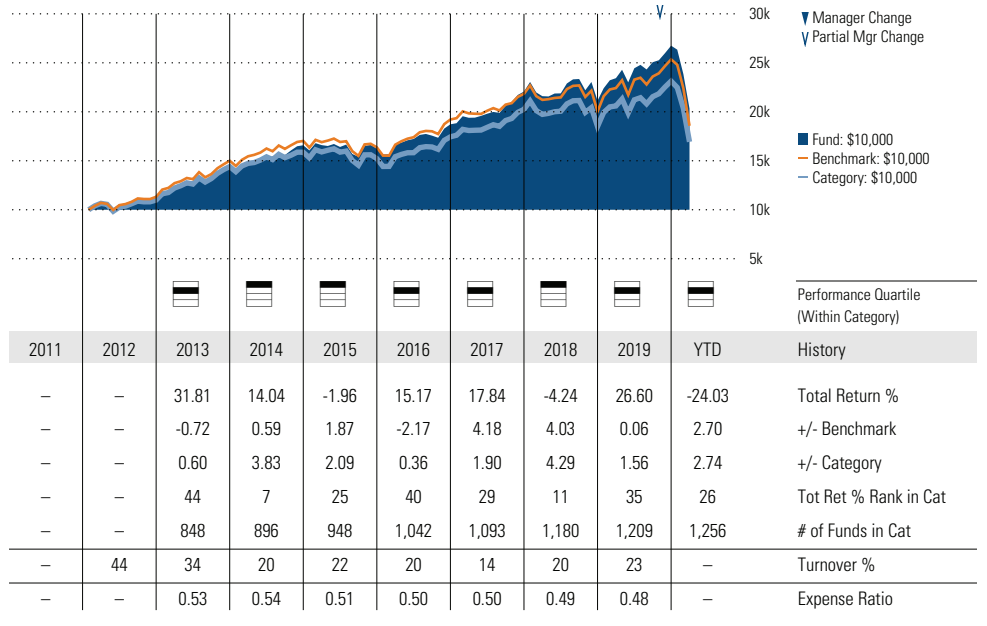
✔ **Style:** The fund has landed in its primary style box — Large Value — 79.41 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.48 is 49.47% lower than the Large Value category average.

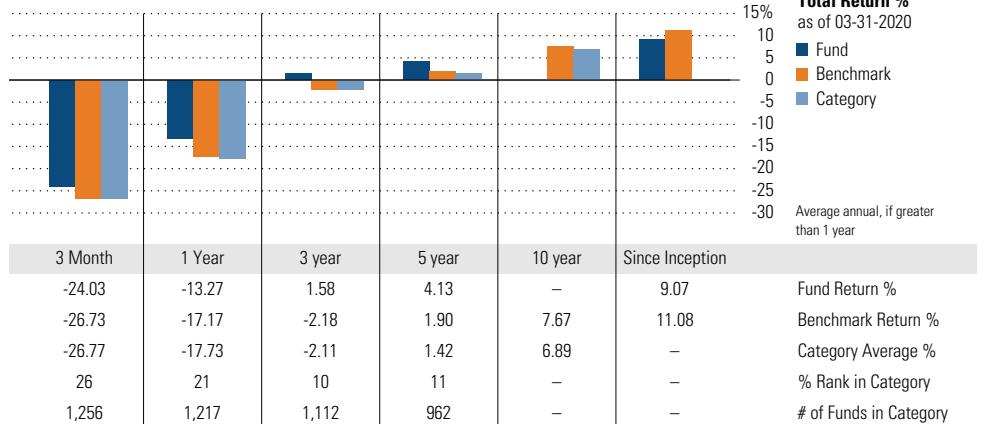
## Morningstar Investment Management LLC Analysis

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.

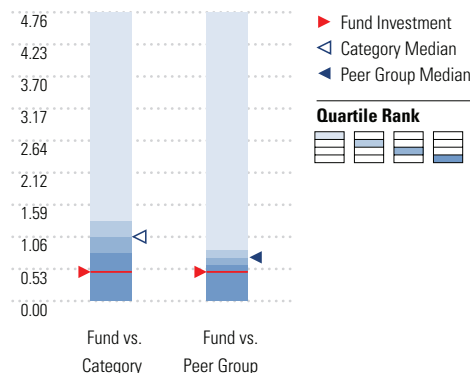
## Growth of \$10,000



## 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	3.44	-	-0.03
Beta	0.91	-	0.99
R-Squared	98.36	-	95.73
Standard Deviation	15.32	16.79	16.92
Sharpe Ratio	0.07	-0.15	-0.14
Tracking Error	2.53	-	3.75
Information Ratio	1.49	-	0.01
Up Capture Ratio	102.79	-	99.24
Down Capture Ratio	85.23	-	99.59

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	16.72	13.21	11.58
Price/Book Ratio	2.20	1.48	1.46
Geom Avg Mkt Cap \$B	79.12	50.27	79.38
ROE	21.63	14.68	18.84

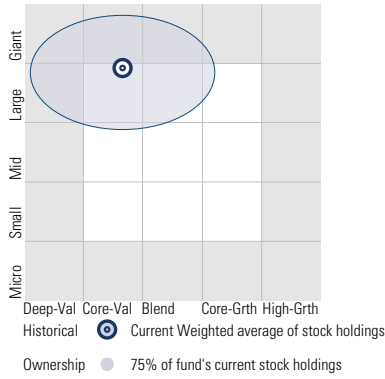
# JPMorgan Equity Income R6 OIEJX

**Morningstar Category**  
Large Value

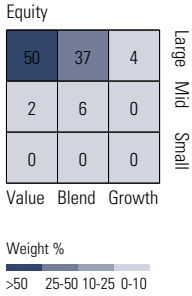
**Morningstar Index**  
Russell 1000 Value TR USD

## Style Analysis as of 03-31-2020

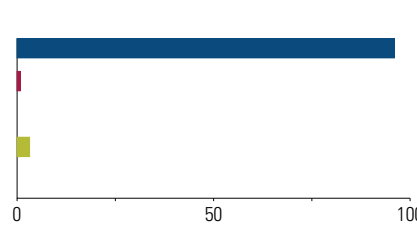
Morningstar Style Box™



## Style Breakdown

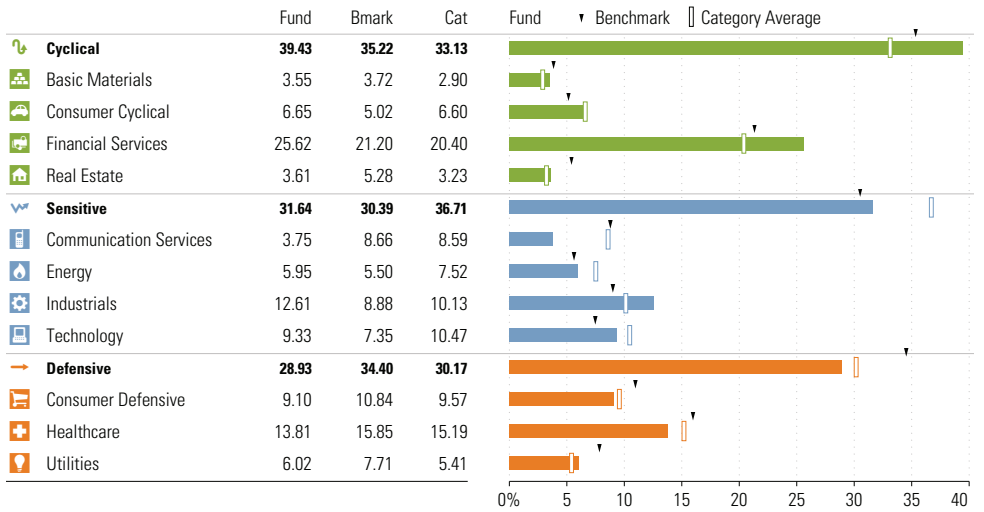


## Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	96.03	90.74
Non-US Stocks	0.80	6.61
Bonds	0.00	0.31
Cash	3.17	1.77
Other	0.00	0.56
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2020



## Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ JPMorgan Prime Money Market IM	3.17	3.17	-	-
⊕ Bank of America Corp	2.97	6.14	-39.21	Financial Services
⊕ Chevron Corp	2.59	8.73	-38.80	Energy
⊕ CME Group Inc Class A	2.53	11.26	-13.43	Financial Services
⊕ Bristol-Myers Squibb Company	2.38	13.64	-12.46	Healthcare
⊕ Johnson & Johnson	2.22	15.86	-9.45	Healthcare
⊕ PNC Financial Services Group Inc	2.08	17.94	-39.32	Financial Services
⊖ Microsoft Corp	2.06	20.00	0.33	Technology
⊖ BlackRock Inc	2.05	22.05	-11.76	Financial Services
⊕ Comcast Corp Class A	2.01	24.06	-22.57	Communication Svc
⊕ McDonald's Corp	1.81	25.87	-15.69	Consumer Cyclical
⊕ ConocoPhillips	1.81	27.68	-51.99	Energy
⊕ NextEra Energy Inc	1.80	29.47	-0.06	Utilities
⊕ Philip Morris International Inc	1.78	31.25	-12.88	Consumer Defensive
⊕ Texas Instruments Inc	1.77	33.02	-21.40	Technology

## Total Holdings 92

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# JPMorgan Equity Income R6 OIEJX

**Morningstar Category**  
Large Value

**Morningstar Index**  
Russell 1000 Value TR USD

## Portfolio Manager(s)

Clare Hart since 08-2004  
David Silberman since 11-2019  
Andrew Brandon since 11-2019

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 15.67 years.

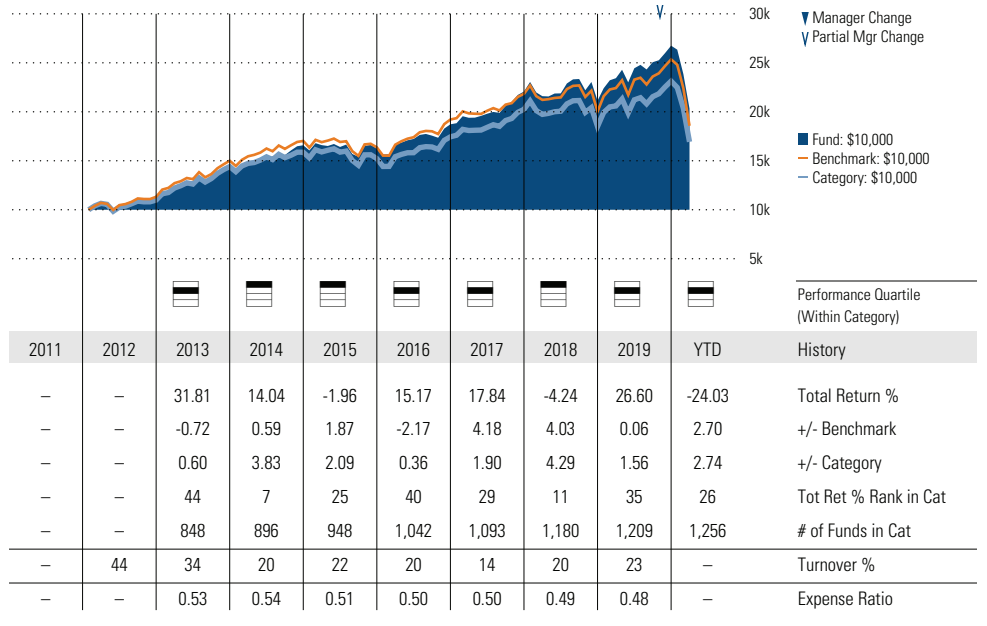
✔ **Style:** The fund has landed in its primary style box — Large Value — 79.41 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.48 is 49.47% lower than the Large Value category average.

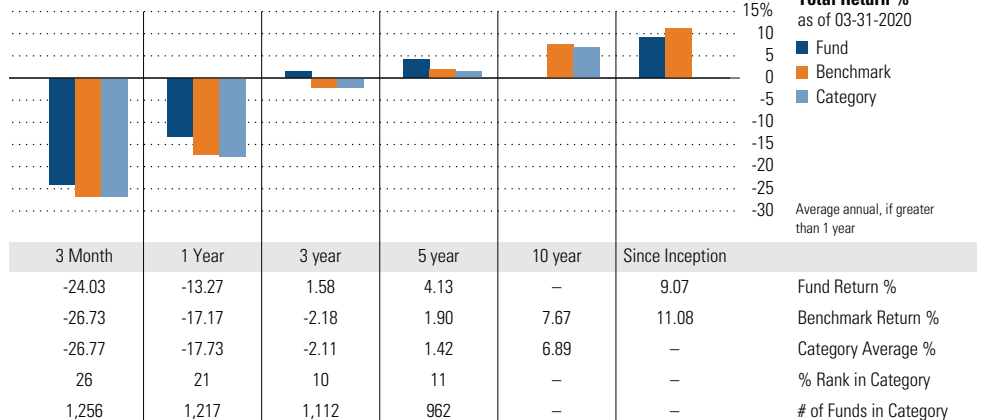
## Morningstar Investment Management LLC Analysis

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.

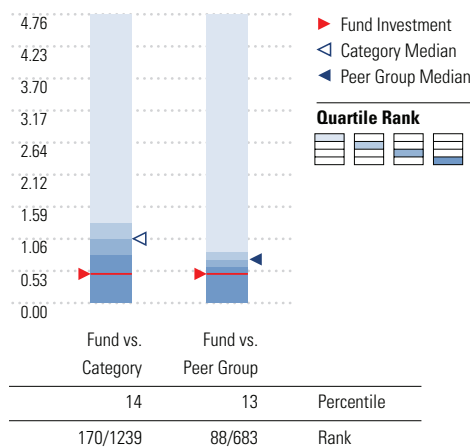
## Growth of \$10,000



## 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	3.44	-	-0.03
Beta	0.91	-	0.99
R-Squared	98.36	-	95.73
Standard Deviation	15.32	16.79	16.92
Sharpe Ratio	0.07	-0.15	-0.14
Tracking Error	2.53	-	3.75
Information Ratio	1.49	-	0.01
Up Capture Ratio	102.79	-	99.24
Down Capture Ratio	85.23	-	99.59

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	16.72	13.21	11.58
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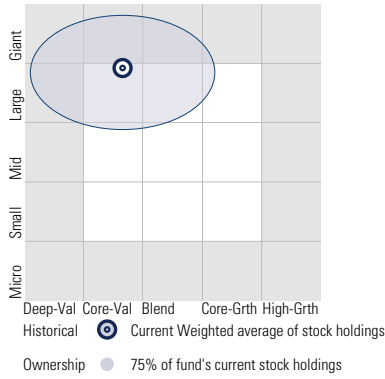
# JPMorgan Equity Income R6 OIEJX

**Morningstar Category**  
Large Value

**Morningstar Index**  
Russell 1000 Value TR USD

## Style Analysis as of 03-31-2020

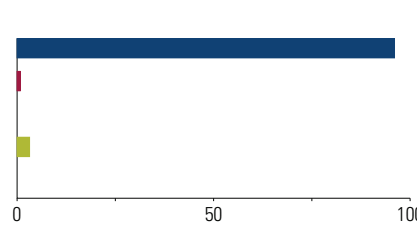
Morningstar Style Box™



## Style Breakdown

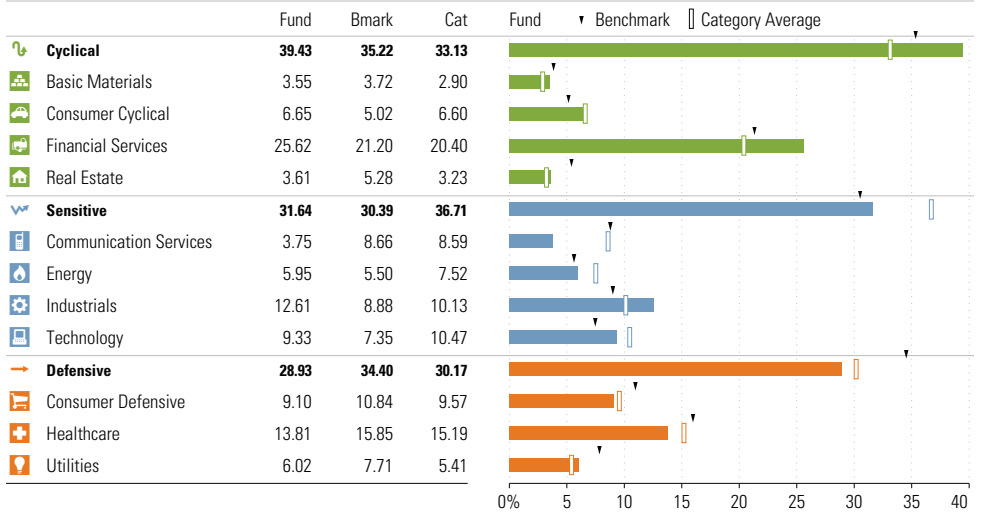


## Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	96.03	90.74
Non-US Stocks	0.80	6.61
Bonds	0.00	0.31
Cash	3.17	1.77
Other	0.00	0.56
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2020



## Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ JPMorgan Prime Money Market IM	3.17	3.17	—	—
⊕ Bank of America Corp	2.97	6.14	-39.21	Financial Services
⊕ Chevron Corp	2.59	8.73	-38.80	Energy
⊕ CME Group Inc Class A	2.53	11.26	-13.43	Financial Services
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⊖ Microsoft Corp	2.06	20.00	0.33	Technology
⊖ BlackRock Inc	2.05	22.05	-11.76	Financial Services
⊕ Comcast Corp Class A	2.01	24.06	-22.57	Communication Svc
⊕ McDonald's Corp	1.81	25.87	-15.69	Consumer Cyclical
⊕ ConocoPhillips	1.81	27.68	-51.99	Energy
⊕ NextEra Energy Inc	1.80	29.47	-0.06	Utilities
⊕ Philip Morris International Inc	1.78	31.25	-12.88	Consumer Defensive
⊕ Texas Instruments Inc	1.77	33.02	-21.40	Technology

**Total Holdings 92**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# JPMorgan US Equity R6 JUEMX

**Morningstar Category**  
Large Blend

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

## Portfolio Manager(s)

Susan Bao since 01-2001  
Scott Davis since 08-2014  
David Small since 07-2016

## Quantitative Screens

✔ **Performance:** The fund has finished in the Large Blend 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 19.26 years.

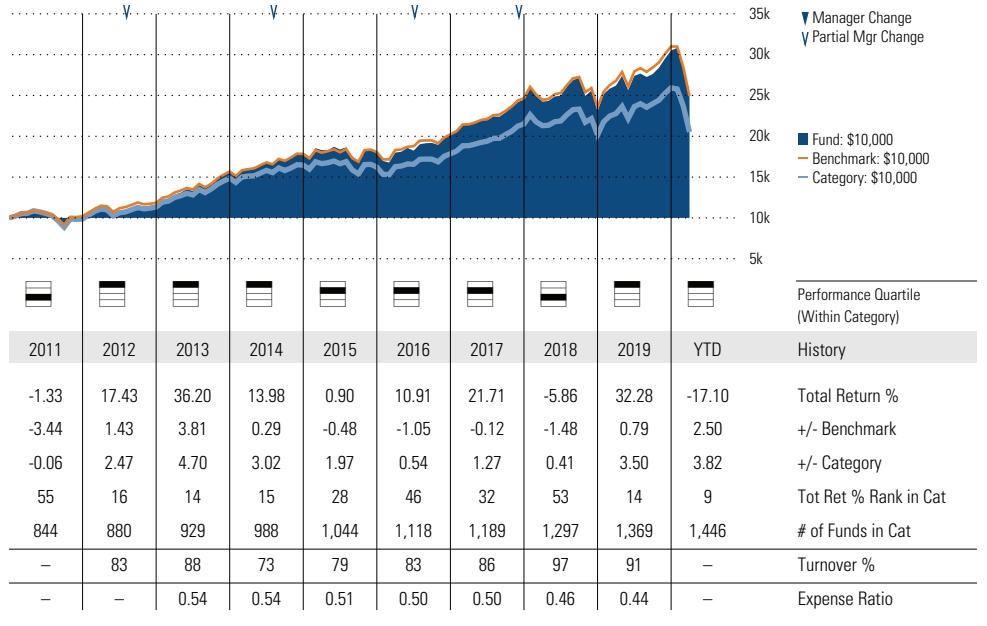
✘ **Style:** The fund has landed in its primary style box — Large Blend — 25.71 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.44 is 49.43% lower than the Large Blend category average.

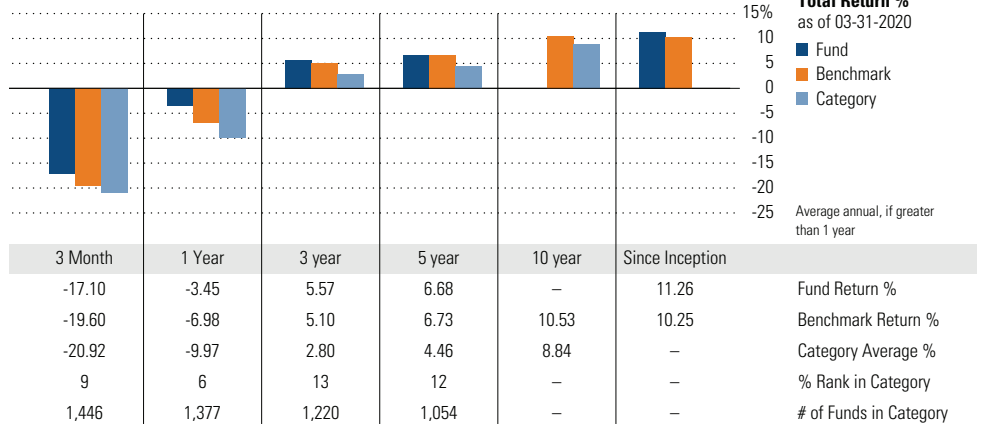
## Morningstar Investment Management LLC Analysis

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.

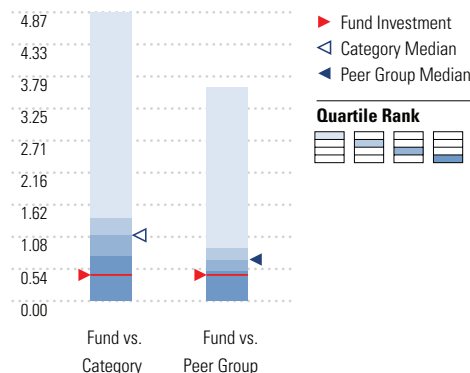
## Growth of \$10,000



## 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	0.37	-	-2.23
Beta	1.02	-	0.99
R-Squared	98.34	-	94.99
Standard Deviation	15.68	15.21	15.38
Sharpe Ratio	0.31	0.29	0.14
Tracking Error	2.04	-	3.28
Information Ratio	0.23	-	-1.19
Up Capture Ratio	102.14	-	90.76
Down Capture Ratio	100.20	-	101.53

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	21.94	17.90	16.40
Price/Book Ratio	3.55	2.67	2.71
Geom Avg Mkt Cap \$B	118.18	111.51	146.57
ROE	26.75	27.15	28.57

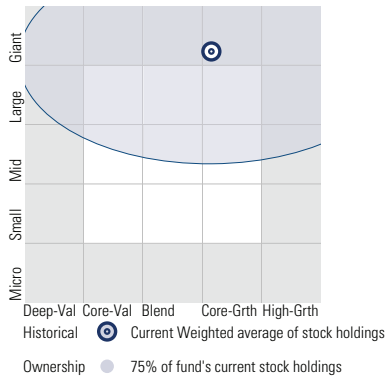
# JPMorgan US Equity R6 JUEMX

Morningstar Category  
Large Blend

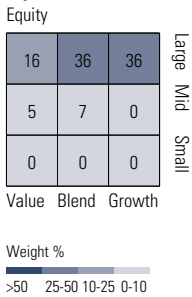
Morningstar Index  
S&P 500 TR USD

## Style Analysis as of 03-31-2020

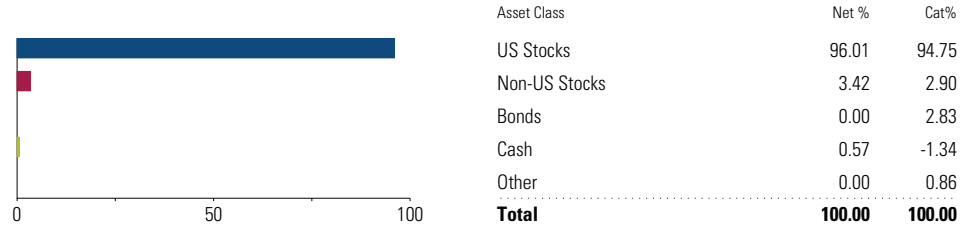
Morningstar Style Box™



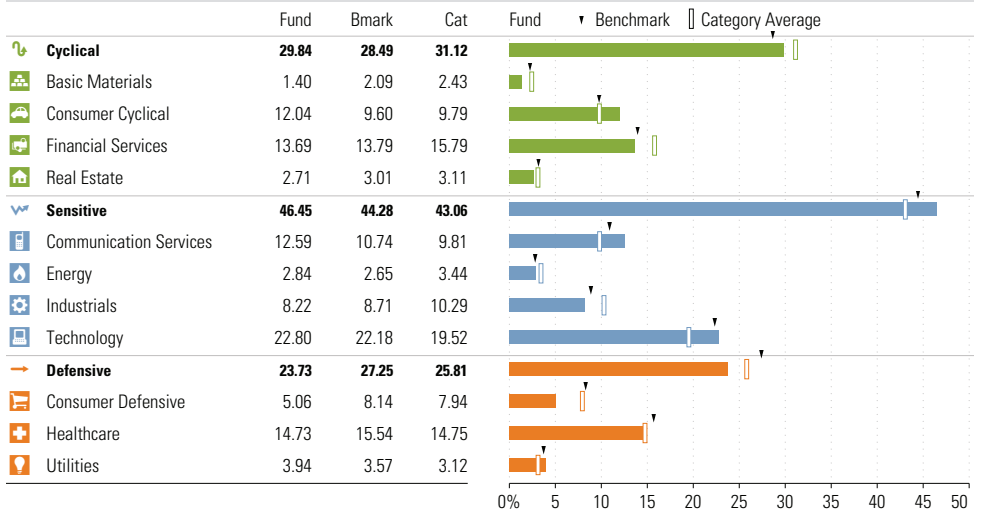
## Style Breakdown



## Asset Allocation as of 03-31-2020



## Sector Weighting as of 03-31-2020



## Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	6.59	6.59	0.33	Technology
Amazon.com Inc	5.12	11.71	5.51	Consumer Cyclical
Alphabet Inc A	4.34	16.05	-13.25	Communication Svc
Mastercard Inc A	3.48	19.53	-18.97	Financial Services
Apple Inc	3.38	22.91	-13.14	Technology
Coca-Cola Co	3.18	26.09	-19.31	Consumer Defensive
Northrop Grumman Corp	2.73	28.82	-11.66	Industrials
Prologis Inc	2.69	31.51	-9.19	Real Estate
UnitedHealth Group Inc	2.59	34.10	-14.80	Healthcare
Salesforce.com Inc	2.52	36.63	-11.47	Technology
Taiwan Semiconductor Manufacturing Co Ltd ADR	2.44	39.06	-17.03	Technology
Norfolk Southern Corp	2.29	41.35	-24.31	Industrials
NextEra Energy Inc	2.18	43.53	-0.06	Utilities
Texas Instruments Inc	2.15	45.68	-21.40	Technology
Eaton Corp PLC	2.15	47.82	-17.21	Industrials

Total Holdings 64

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# JPMorgan US Equity R6 JUEMX

**Morningstar Category**  
Large Blend

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

## Portfolio Manager(s)

Susan Bao since 01-2001  
Scott Davis since 08-2014  
David Small since 07-2016

## Quantitative Screens

✔ **Performance:** The fund has finished in the Large Blend 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 19.26 years.

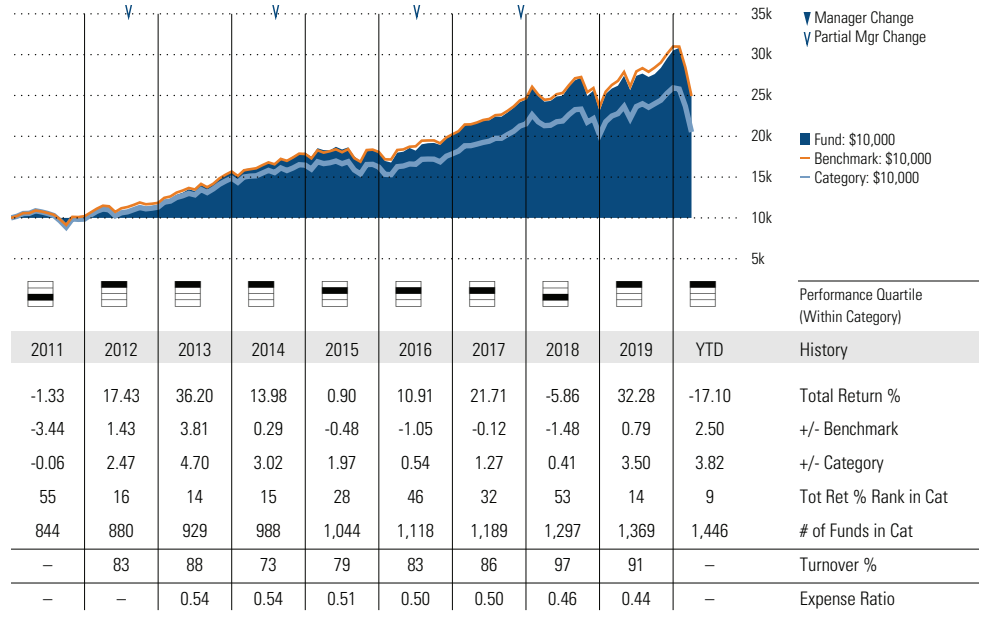
✘ **Style:** The fund has landed in its primary style box — Large Blend — 25.71 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.44 is 49.43% lower than the Large Blend category average.

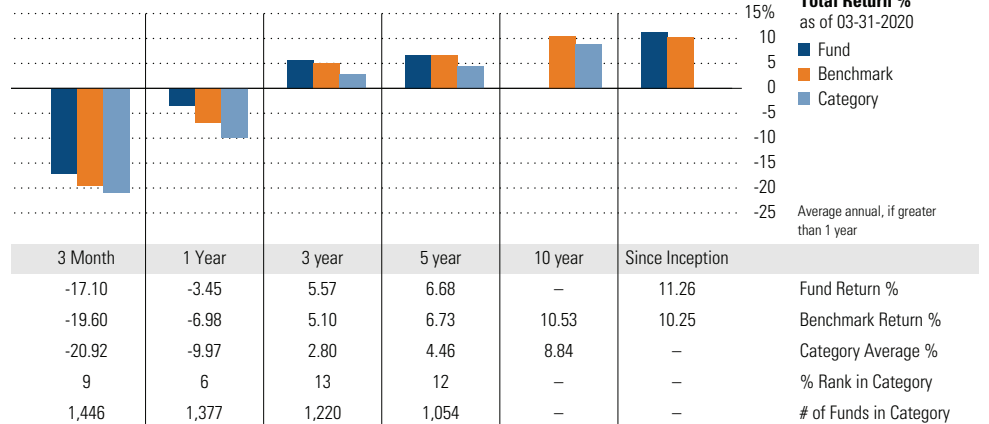
## Morningstar Investment Management LLC Analysis

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.

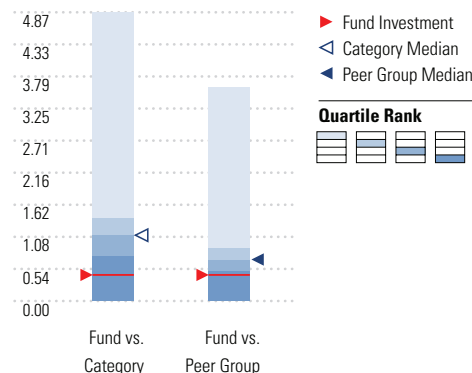
## Growth of \$10,000



## 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	0.37	-	-2.23
Beta	1.02	-	0.99
R-Squared	98.34	-	94.99
Standard Deviation	15.68	15.21	15.38
Sharpe Ratio	0.31	0.29	0.14
Tracking Error	2.04	-	3.28
Information Ratio	0.23	-	-1.19
Up Capture Ratio	102.14	-	90.76
Down Capture Ratio	100.20	-	101.53

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.94	17.90	16.40
Price/Book Ratio	3.55	2.67	2.71
Geom Avg Mkt Cap \$B	118.18	111.51	146.57
ROE	26.75	27.15	28.57

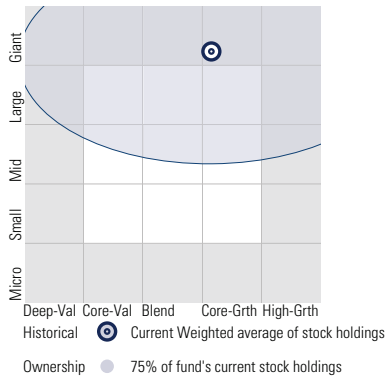
# JPMorgan US Equity R6 JUEMX

Morningstar Category  
Large Blend

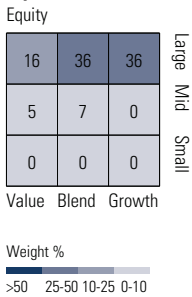
Morningstar Index  
S&P 500 TR USD

## Style Analysis as of 03-31-2020

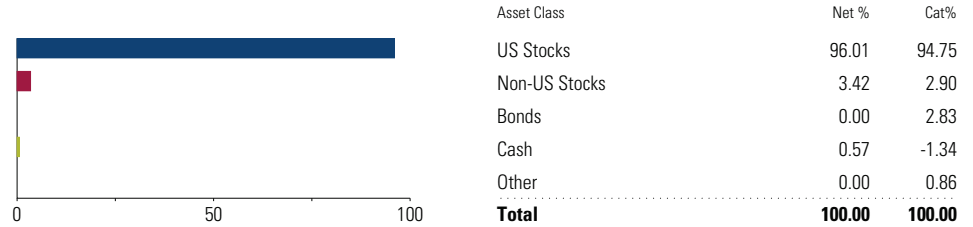
Morningstar Style Box™



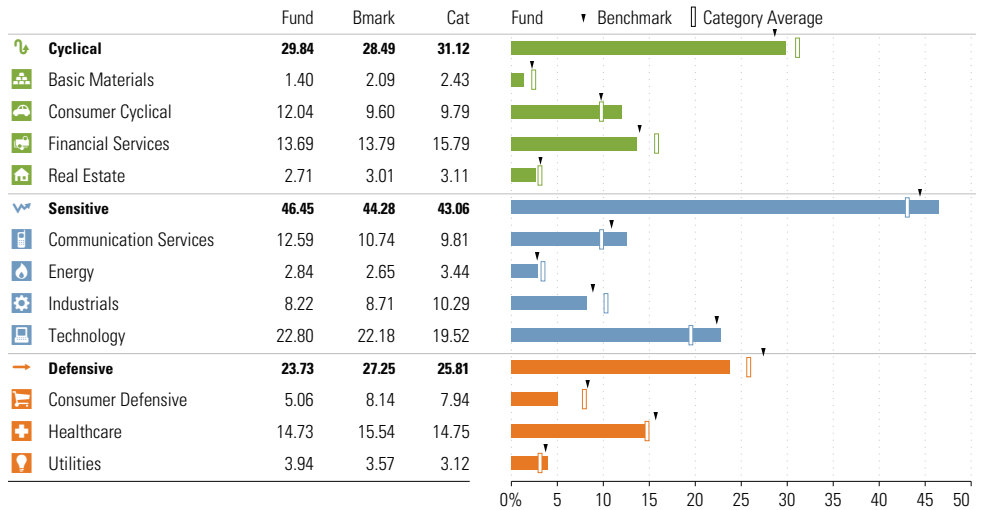
## Style Breakdown



## Asset Allocation as of 03-31-2020



## Sector Weighting as of 03-31-2020



## Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	6.59	6.59	0.33	Technology
Amazon.com Inc	5.12	11.71	5.51	Consumer Cyclical
Alphabet Inc A	4.34	16.05	-13.25	Communication Svc
Mastercard Inc A	3.48	19.53	-18.97	Financial Services
Apple Inc	3.38	22.91	-13.14	Technology
Coca-Cola Co	3.18	26.09	-19.31	Consumer Defensive
Northrop Grumman Corp	2.73	28.82	-11.66	Industrials
Prologis Inc	2.69	31.51	-9.19	Real Estate
UnitedHealth Group Inc	2.59	34.10	-14.80	Healthcare
Salesforce.com Inc	2.52	36.63	-11.47	Technology
Taiwan Semiconductor Manufacturing Co Ltd ADR	2.44	39.06	-17.03	Technology
Norfolk Southern Corp	2.29	41.35	-24.31	Industrials
NextEra Energy Inc	2.18	43.53	-0.06	Utilities
Texas Instruments Inc	2.15	45.68	-21.40	Technology
Eaton Corp PLC	2.15	47.82	-17.21	Industrials

Total Holdings 64

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# MFS International Growth R4 MGRVX

**Morningstar Category**  
Foreign Large Growth

**Morningstar Index**  
MSCI EAFE NR USD

## Portfolio Manager(s)

David Antonelli since 01-2010

Kevin Dwan since 01-2012

Matthew Barrett since 03-2015

## Quantitative Screens

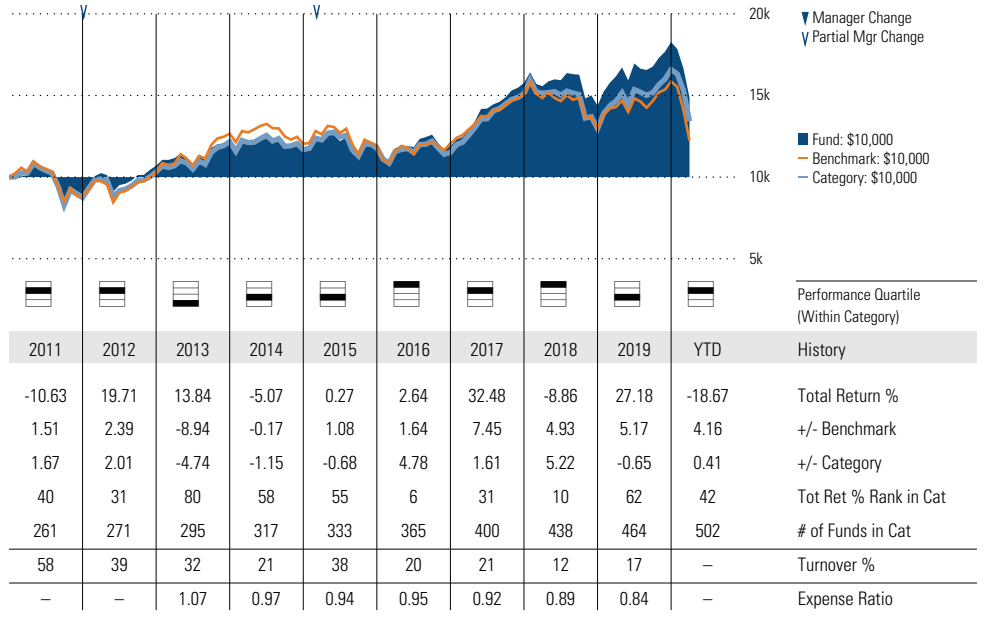
✔ **Performance:** The fund has finished in the Foreign Large Growth category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 10.22 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 0.84 is 23.64% lower than the Foreign Large Growth category average.

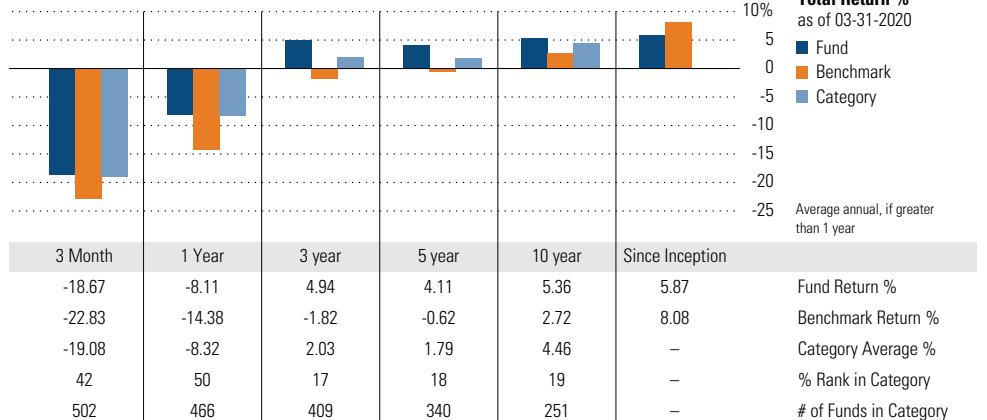
## Growth of \$10,000



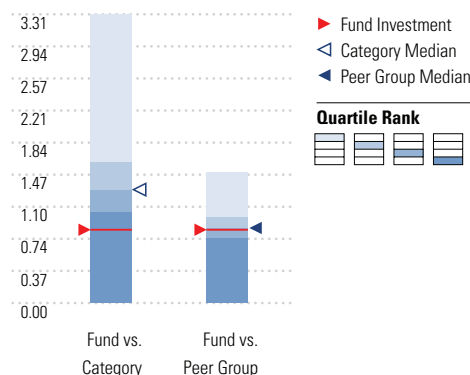
## Morningstar Investment Management LLC Analysis

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

	Fund	Bmark	Cat
Alpha	6.45	-	3.82
Beta	0.90	-	0.96
R-Squared	92.69	-	-
Standard Deviation	13.63	14.58	14.92
Sharpe Ratio	0.29	-0.17	0.07
Tracking Error	3.96	-	5.27
Information Ratio	1.71	-	0.71
Up Capture Ratio	107.76	-	102.49
Down Capture Ratio	74.14	-	83.57

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.78	13.90	18.97
Price/Book Ratio	2.81	1.27	2.46
Geom Avg Mkt Cap \$B	52.67	30.88	36.31
ROE	19.18	15.37	18.90

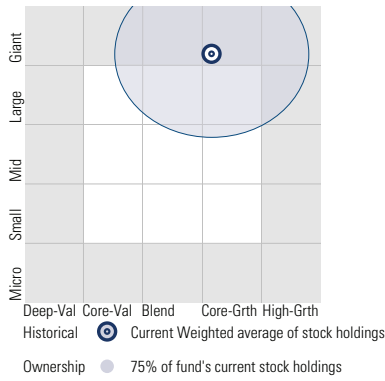
# MFS International Growth R4 MGRVX

**Morningstar Category**  
Foreign Large Growth

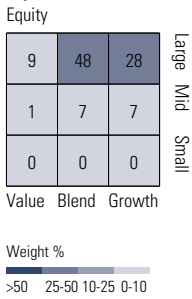
**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 03-31-2020

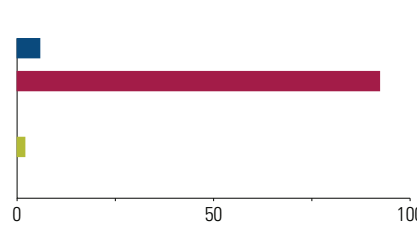
Morningstar Style Box™



## Style Breakdown

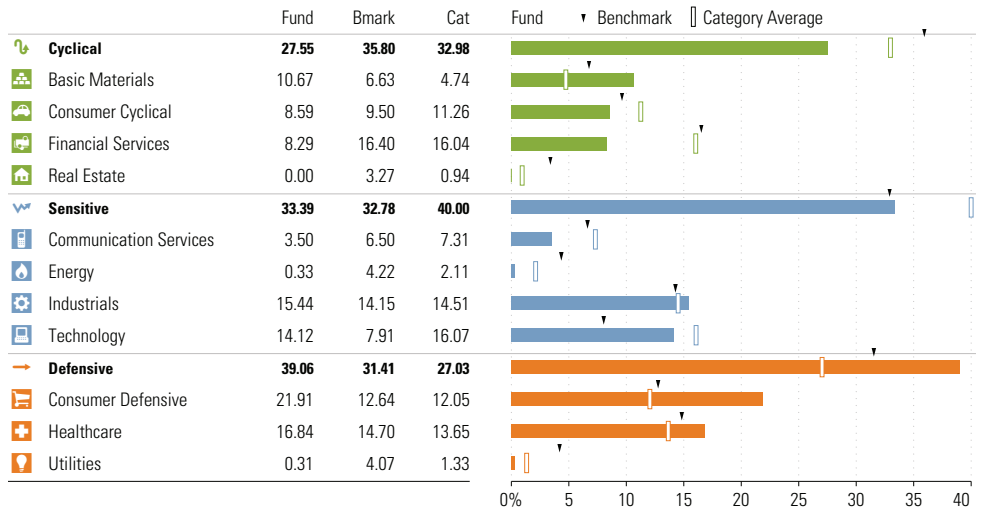


## Asset Allocation as of 03-31-2020

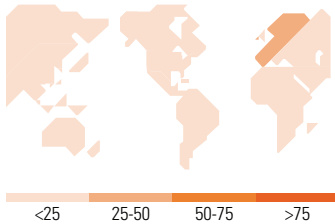


Asset Class	Net %	Cat%
US Stocks	5.78	7.26
Non-US Stocks	92.24	89.93
Bonds	0.00	0.02
Cash	1.98	2.57
Other	0.00	0.21
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2020



## World Regions % Equity 03-31-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	27.97	32.33	Americas	13.66	12.99	Greater Europe	58.37	54.68	Developed Markets	90.50
Japan	9.00	13.97	North America	12.09	11.17	United Kingdom	11.29	11.67	Emerging Markets	9.50
Australasia	0.48	1.99	Central/Latin	1.57	1.82	W euro-ex UK	46.01	41.89	Not Available	0.00
Asia-4 Tigers	10.88	6.56				Emrgng Europe	0.31	0.40		
Asia-ex 4 Tigers	7.61	9.81				Africa	0.76	0.72		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Nestle SA	5.92	5.92	-5.09	Consumer Defensive
Roche Holding AG Dividend Right Cert.	5.69	11.61	2.88	Healthcare
⊖ Taiwan Semiconductor Manufacturing Co Ltd ADR	3.97	15.58	-17.03	Technology
⊕ AIA Group Ltd	3.72	19.30	-14.24	Financial Services
SAP SE	3.70	23.00	-14.56	Technology
LVMH Moet Hennessy Louis Vuitton SE	3.27	26.27	-18.29	Consumer Cyclical
L'Oreal SA	2.91	29.18	-9.51	Consumer Defensive
Novartis AG	2.58	31.75	-9.90	Healthcare
⊕ Danone SA	2.48	34.23	-20.65	Consumer Defensive
Canadian National Railway Co	2.39	36.62	-5.84	Industrials

**Total Holdings 85**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# MFS International Growth R4 MGRVX

**Morningstar Category**  
Foreign Large Growth

**Morningstar Index**  
MSCI EAFE NR USD

## Portfolio Manager(s)

David Antonelli since 01-2010  
Kevin Dwan since 01-2012  
Matthew Barrett since 03-2015

## Quantitative Screens

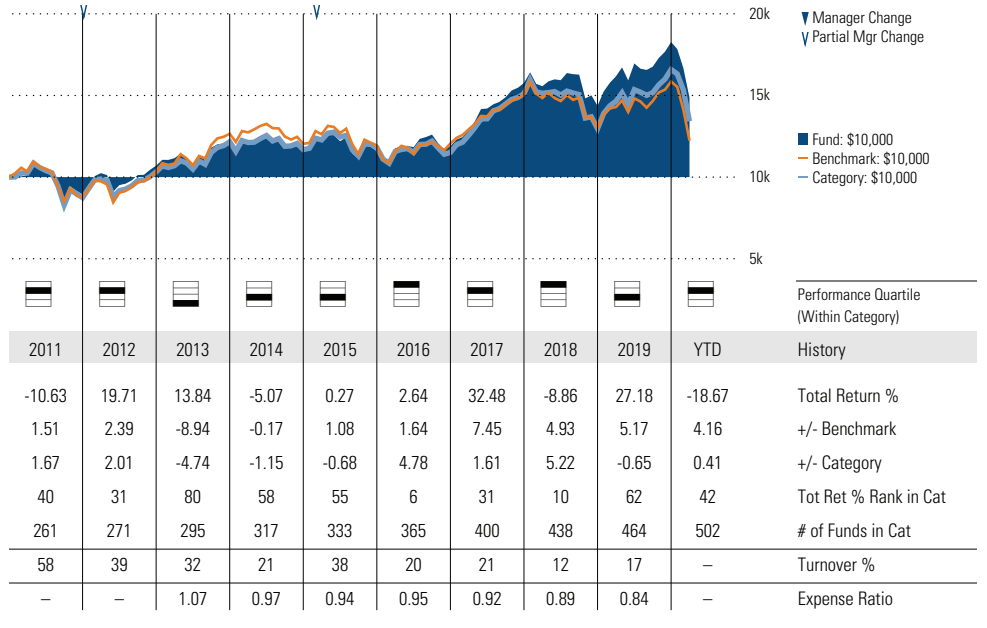
✔ **Performance:** The fund has finished in the Foreign Large Growth category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 10.22 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 0.84 is 23.64% lower than the Foreign Large Growth category average.

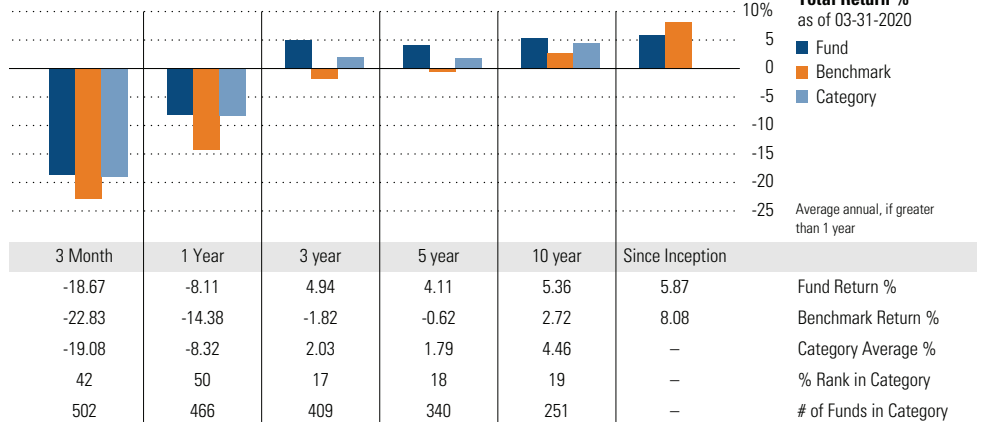
## Growth of \$10,000



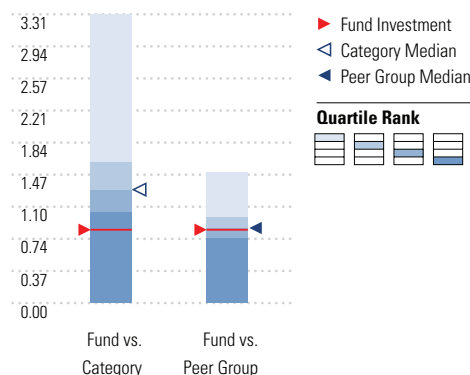
## Morningstar Investment Management LLC Analysis

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	6.45	-	3.82
Beta	0.90	-	0.96
R-Squared	92.69	-	-
Standard Deviation	13.63	14.58	14.92
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Up Capture Ratio	107.76	-	102.49
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## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	21.78	13.90	18.97
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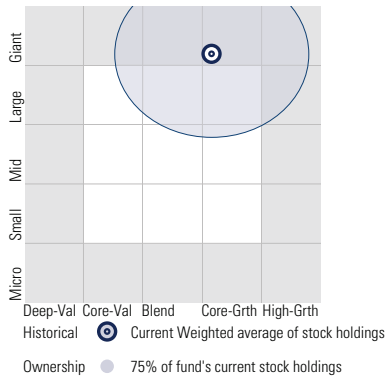
# MFS International Growth R4 MGRVX

**Morningstar Category**  
Foreign Large Growth

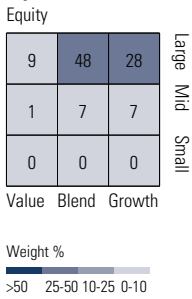
**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 03-31-2020

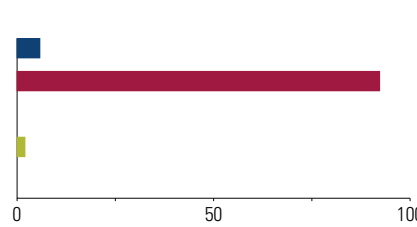
Morningstar Style Box™



## Style Breakdown

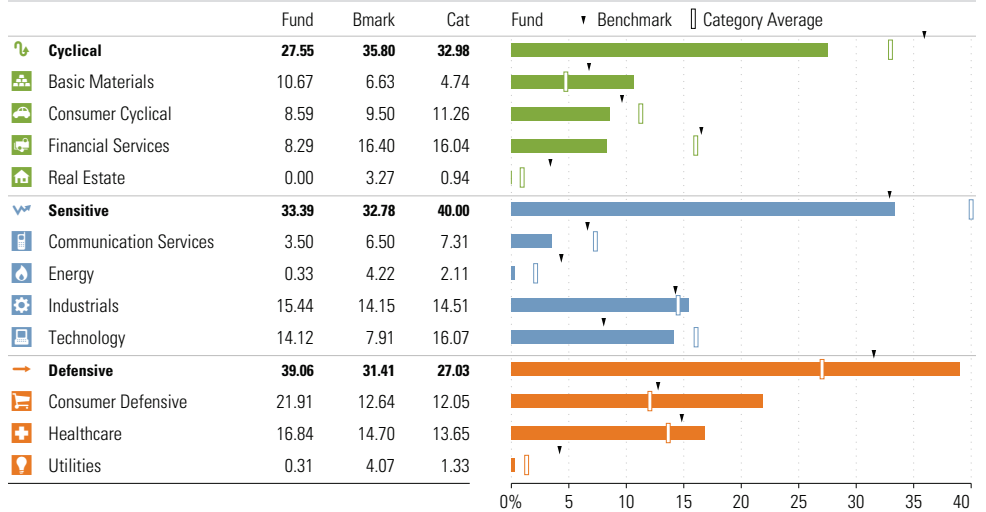


## Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	5.78	7.26
Non-US Stocks	92.24	89.93
Bonds	0.00	0.02
Cash	1.98	2.57
Other	0.00	0.21
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2020



## World Regions % Equity 03-31-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
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Australasia	0.48	1.99	Central/Latin	1.57	1.82	W euro-ex UK	46.01	41.89	Not Available	0.00
Asia-4 Tigers	10.88	6.56				Emrgng Europe	0.31	0.40		
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## Top 10 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Nestle SA	5.92	5.92	-5.09	Consumer Defensive
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⊕ Danone SA	2.48	34.23	-20.65	Consumer Defensive
Canadian National Railway Co	2.39	36.62	-5.84	Industrials

**Total Holdings 85**

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# Neuberger Berman Mid Cap Growth Inst NBMLX

**Morningstar Category**  
Mid-Cap Growth

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

## Portfolio Manager(s)

Kenneth Turek since 01-2003  
Trevor Moreno since 01-2020  
Chad Bruso since 01-2020

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 17.18 years.

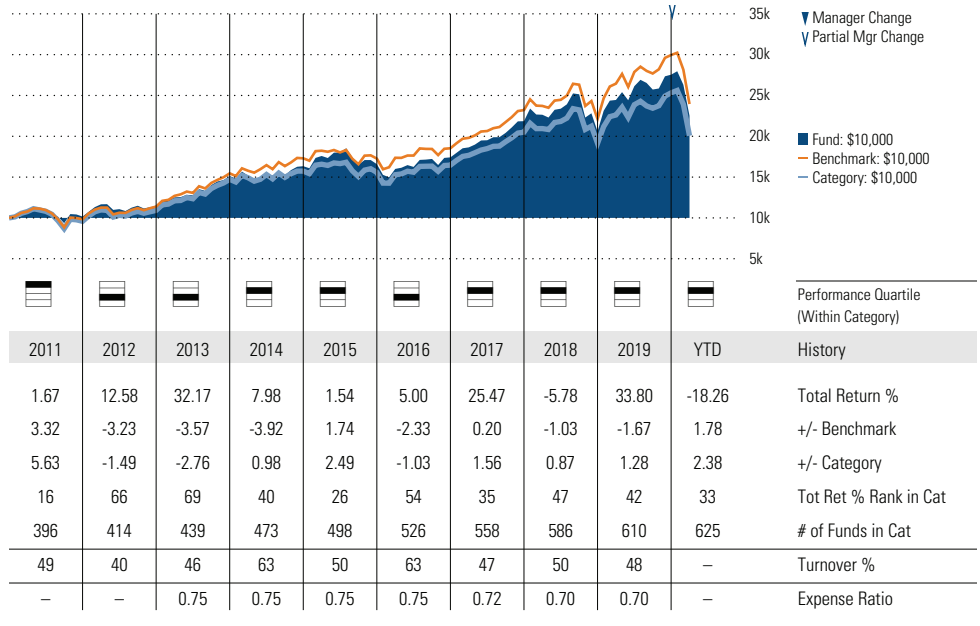
✔ **Style:** The fund has landed in its primary style box — Mid-Cap Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.7 is 38.6% lower than the Mid-Cap Growth category average.

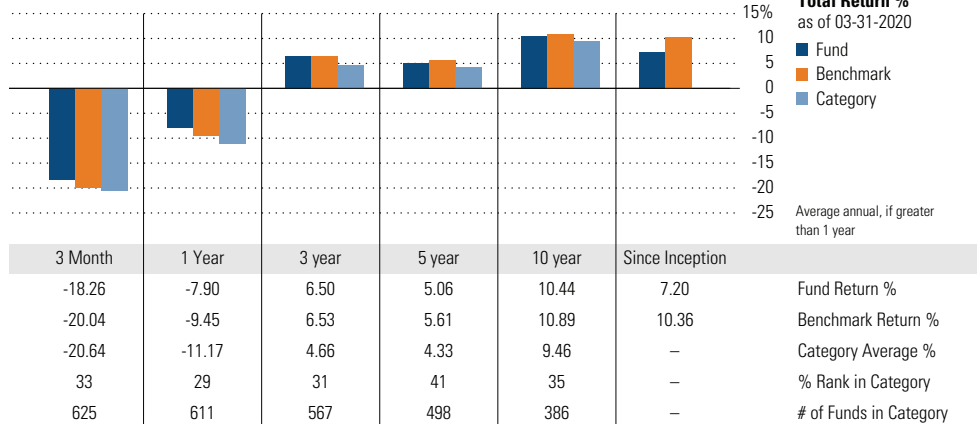
## Morningstar Investment Management LLC Analysis

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.

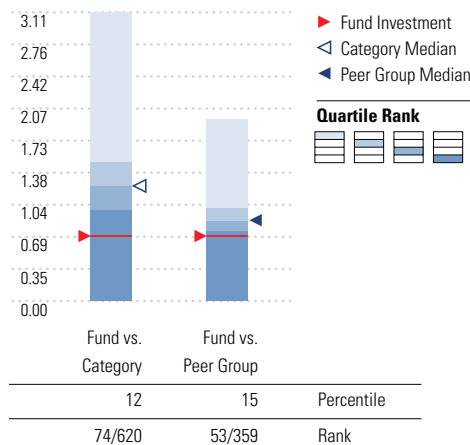
## Growth of \$10,000



## 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	-0.08	-	-0.95
Beta	1.02	-	1.01
R-Squared	97.84	-	92.63
Standard Deviation	17.90	17.43	18.29
Sharpe Ratio	0.34	0.35	0.29
Tracking Error	2.65	-	4.92
Information Ratio	-0.01	-	-0.34
Up Capture Ratio	101.01	-	97.09
Down Capture Ratio	101.46	-	101.79

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	25.18	22.42	21.57
Price/Book Ratio	4.65	4.46	3.08
Geom Avg Mkt Cap \$B	14.20	13.85	11.45
ROE	15.59	22.30	17.22

# Neuberger Berman Mid Cap Growth Inst NBMLX

Morningstar Category

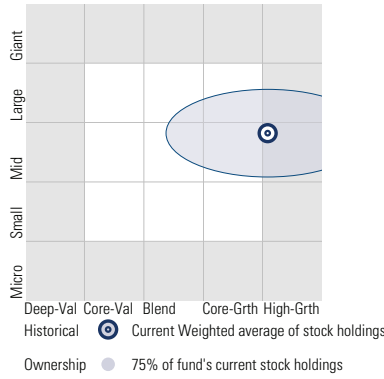
Mid-Cap Growth

Morningstar Index

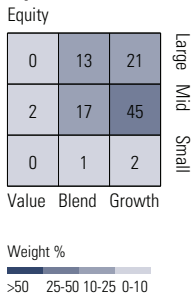
Russell Mid Cap Growth TR USD

## Style Analysis as of 03-31-2020

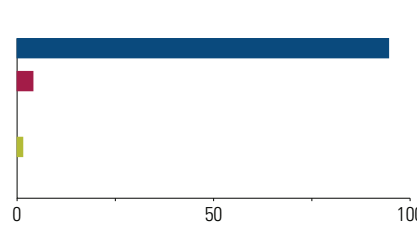
Morningstar Style Box™



## Style Breakdown

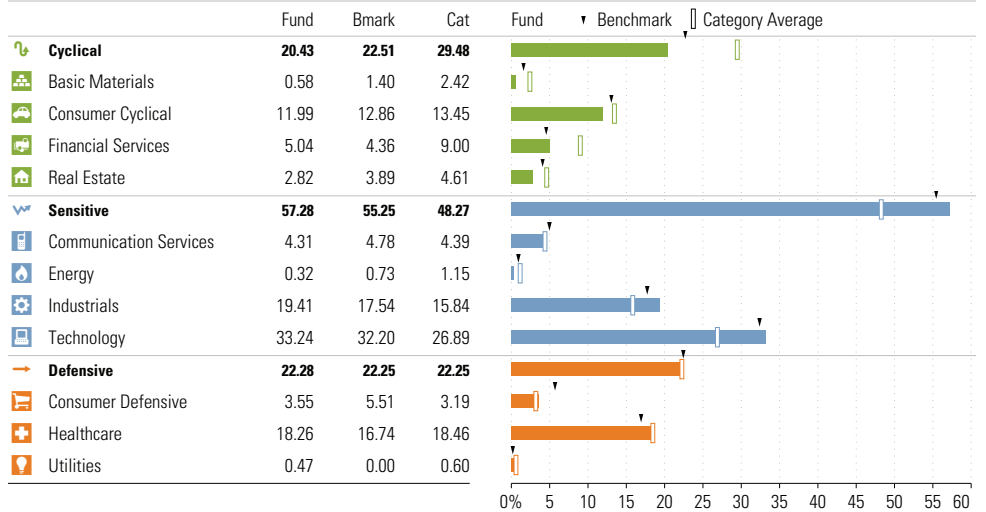


## Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	94.53	92.13
Non-US Stocks	4.03	5.05
Bonds	0.00	0.05
Cash	1.44	2.46
Other	0.00	0.33
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2020



## Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Global Payments Inc	2.41	2.41	-20.89	Industrials
Advanced Micro Devices Inc	2.32	4.74	-0.83	Technology
CoStar Group Inc	2.19	6.93	-1.85	Real Estate
Cintas Corp	1.94	8.87	-35.63	Industrials
RingCentral Inc Class A	1.89	10.76	25.64	Technology
Bright Horizons Family Solutions Inc	1.86	12.62	-32.13	Consumer Cyclical
Motorola Solutions Inc	1.81	14.43	-17.12	Technology
CDW Corp	1.75	16.18	-34.44	Technology
Roper Technologies Inc	1.74	17.92	-11.83	Industrials
Burlington Stores Inc	1.73	19.65	-30.51	Consumer Cyclical
Fiserv Inc	1.67	21.33	-17.85	Technology
EPAM Systems Inc	1.67	23.00	-12.49	Technology
L3Harris Technologies Inc	1.62	24.62	-8.54	Industrials
Waste Connections Inc	1.58	26.20	-14.43	Industrials
Veeva Systems Inc Class A	1.55	27.75	11.17	Healthcare

Total Holdings 105

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Neuberger Berman Mid Cap Growth Inst NBMLX

**Morningstar Category**  
Mid-Cap Growth

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

## Portfolio Manager(s)

Kenneth Turek since 01-2003  
Trevor Moreno since 01-2020  
Chad Bruso since 01-2020

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 17.18 years.

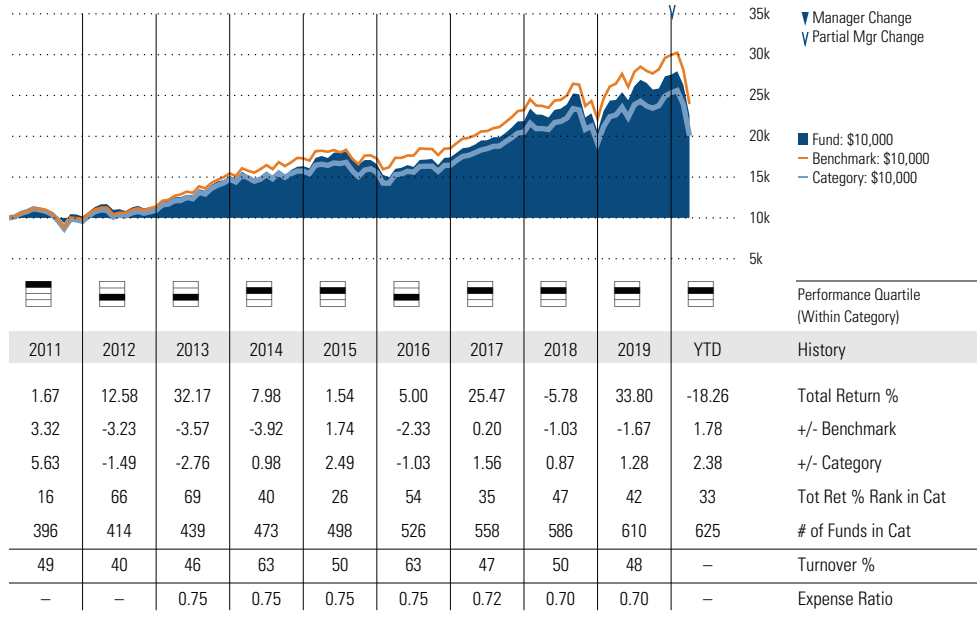
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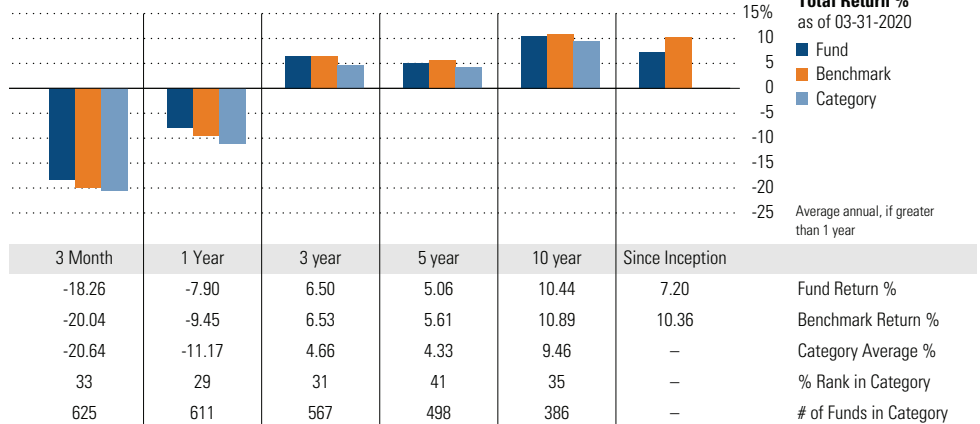
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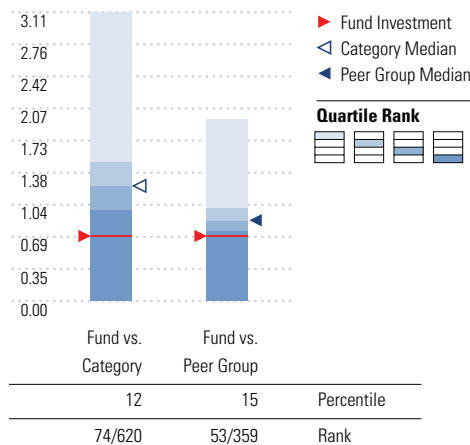
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.08	-	-0.95
Beta	1.02	-	1.01
R-Squared	97.84	-	92.63
Standard Deviation	17.90	17.43	18.29
Sharpe Ratio	0.34	0.35	0.29
Tracking Error	2.65	-	4.92
Information Ratio	-0.01	-	-0.34
Up Capture Ratio	101.01	-	97.09
Down Capture Ratio	101.46	-	101.79

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# Neuberger Berman Mid Cap Growth Inst NBMLX

Morningstar Category

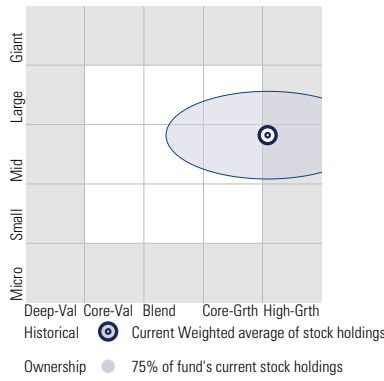
Mid-Cap Growth

Morningstar Index

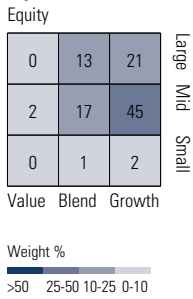
Russell Mid Cap Growth TR USD

## Style Analysis as of 03-31-2020

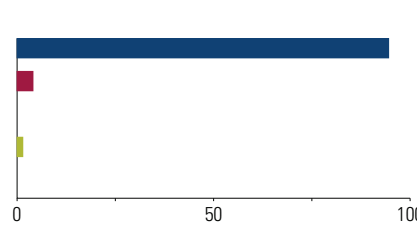
Morningstar Style Box™



## Style Breakdown

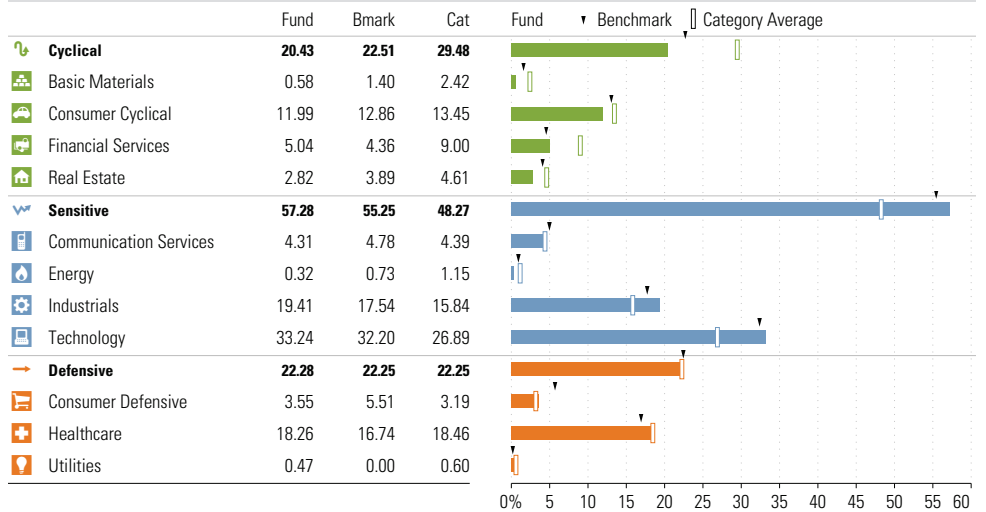


## Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	94.53	92.13
Non-US Stocks	4.03	5.05
Bonds	0.00	0.05
Cash	1.44	2.46
Other	0.00	0.33
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2020



## Top 15 Holdings as of 03-31-2020

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Veeva Systems Inc Class A	1.55	27.75	11.17	Healthcare

Total Holdings 105

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# PIMCO Short-Term I2 PTSPX

**Morningstar Category**  
Ultrashort Bond

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 9.25 years.

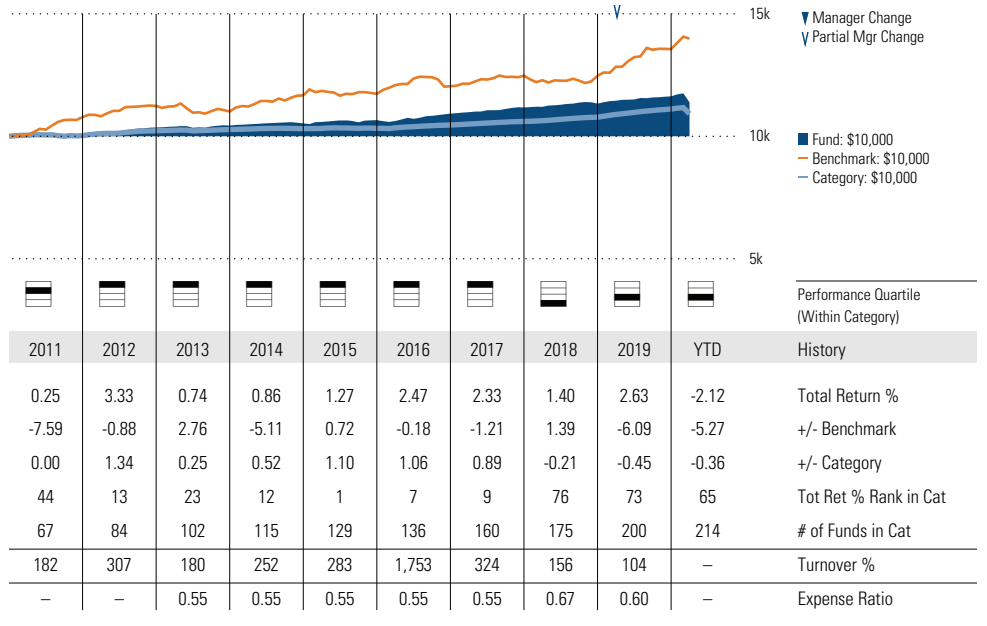
Style Consistency is not calculated for Fixed Income funds.

✘ **Net Expense:** The fund's expense ratio of 0.6 is 30.43% higher than the Ultrashort Bond category average.

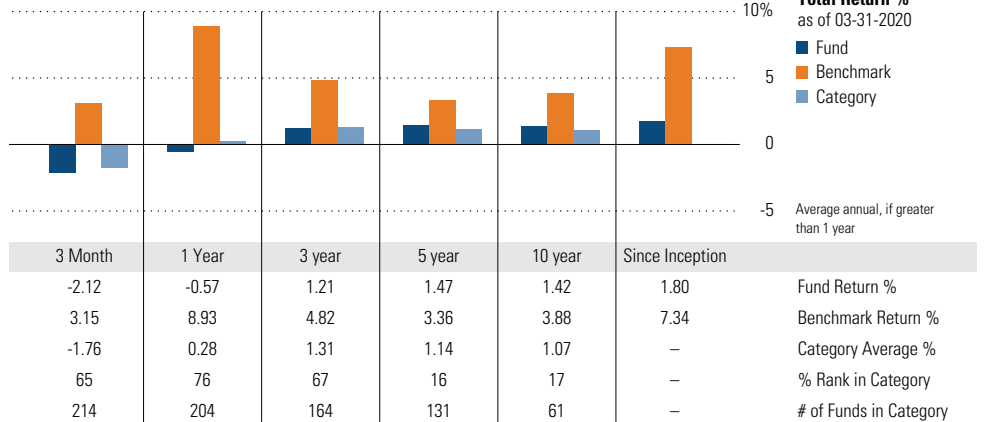
## Morningstar Investment Management LLC Analysis

This fund fails our expense screen with fees that are higher than the broad category average. Plan costs are sometimes wrapped into fund fees, but because costs are predictive of a fund's future relative performance, we would still like to see lower overall expenses here.

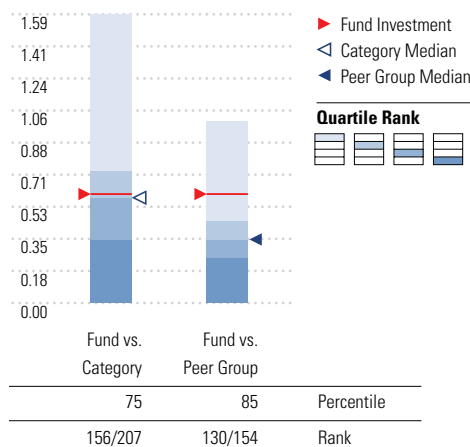
## Growth of \$10,000



## 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	1.04	-	0.65
Beta	0.04	-	0.12
R-Squared	0.33	-	9.71
Standard Deviation	2.06	3.20	1.60
Sharpe Ratio	-0.26	0.96	-0.35
Tracking Error	3.70	-	3.34
Information Ratio	-0.98	-	-1.08
Up Capture Ratio	15.13	-	20.90
Down Capture Ratio	-7.37	-	10.17

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	0.97	4.43	0.87
Avg Eff Maturity	0.67	-	1.41

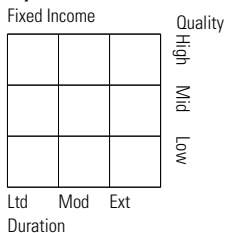
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Ultrashort Bond

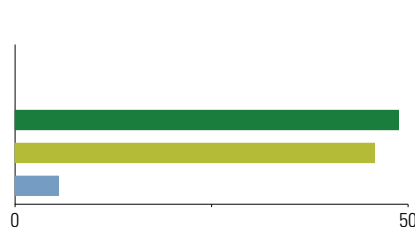
**Morningstar Index**  
BBgBarc US Agg Bond TR USD

## Style Analysis as of 03-31-2020

### Style Breakdown



## Asset Allocation as of 03-31-2020

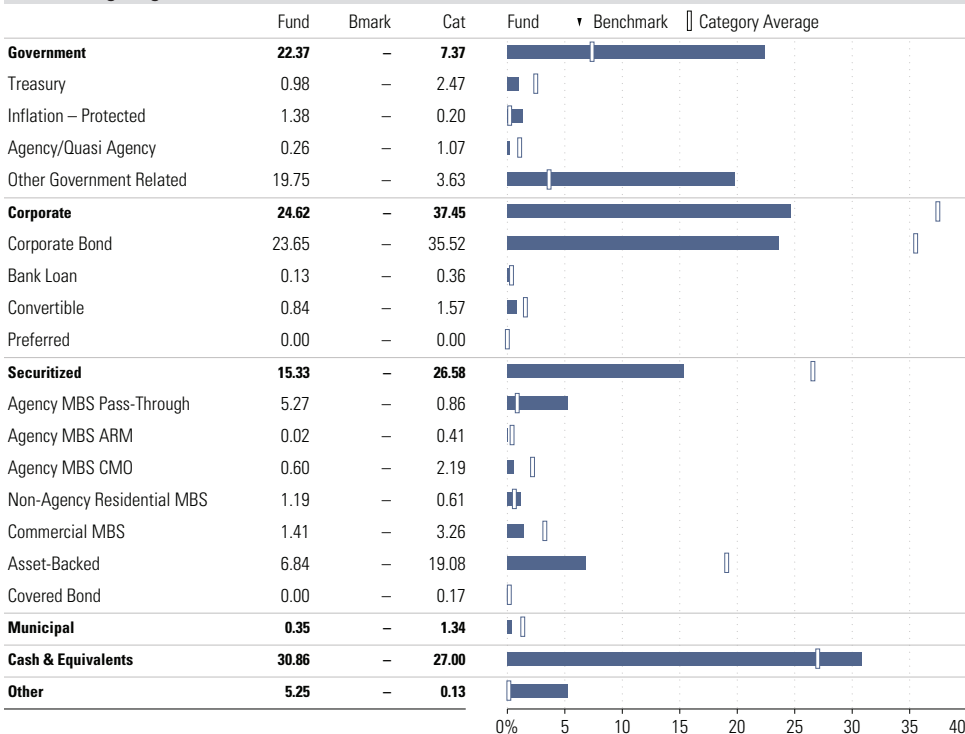


Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.00
Bonds	48.77	70.50
Cash	45.72	26.95
Other	5.50	2.56
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	28.00	3.53	56.93
AA	9.00	74.59	7.29
A	29.00	10.82	16.98
BBB	25.00	8.32	12.33
BB	7.00	0.28	1.33
B	2.00	0.00	0.01
Below B	0.00	0.00	0.38
Not Rated	0.00	2.46	4.75

## Sector Weighting as of 03-31-2020



## Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ 90 Day Eurodollar Future Dec20	12-2020	63.93	63.93	-
✱ CashOffSet	-	44.03	107.96	-
⊕ 2 Year Treasury Note Future Mar 20	03-2020	31.56	139.53	-
⊖ Offset: Unsettled Trades	-	11.56	151.09	-
⊕ Pimco Fds	08-2020	9.20	160.29	-
⊕ Federal National Mortgage Association 4%	01-2050	8.53	168.82	-
⊕ 5 Year Treasury Note Future Mar 20	03-2020	6.04	174.85	-
Irs Usd 2.76700 02/13/19-1y (Wht) Cme	02-2020	5.85	180.71	-
⊕ Irs Usd 2.76700 02/13/19-1y (Wht) Cme	02-2020	5.85	186.55	-
Irs Usd 2.00000 12/10/19-10y Cme	12-2029	5.83	192.38	-

**Total Holdings 1373**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# PIMCO Short-Term I2 PTSPX

**Morningstar Category**  
Ultrashort Bond

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 9.25 years.

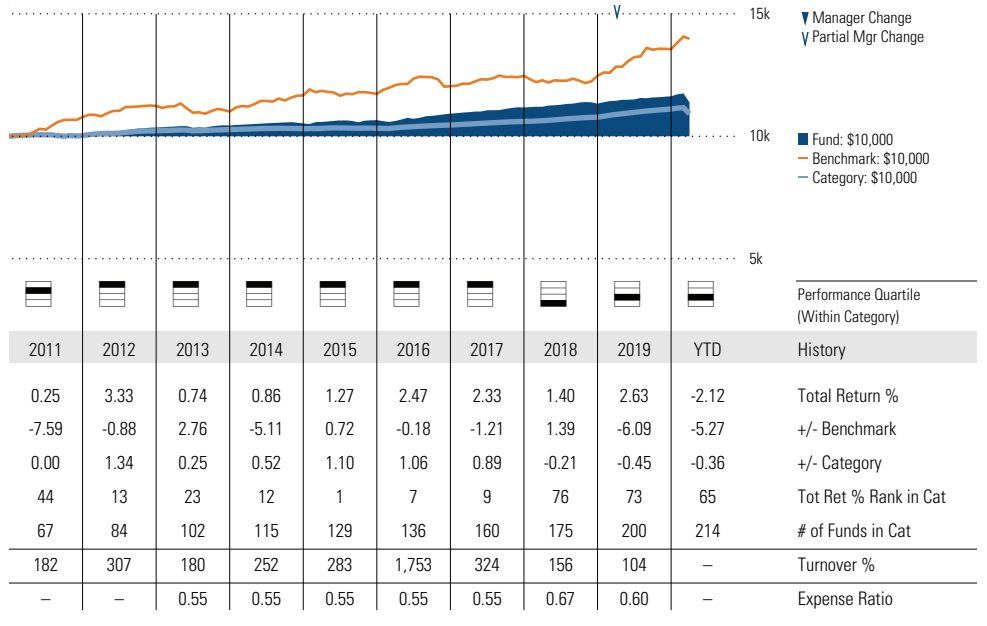
Style Consistency is not calculated for Fixed Income funds.

✘ **Net Expense:** The fund's expense ratio of 0.6 is 30.43% higher than the Ultrashort Bond category average.

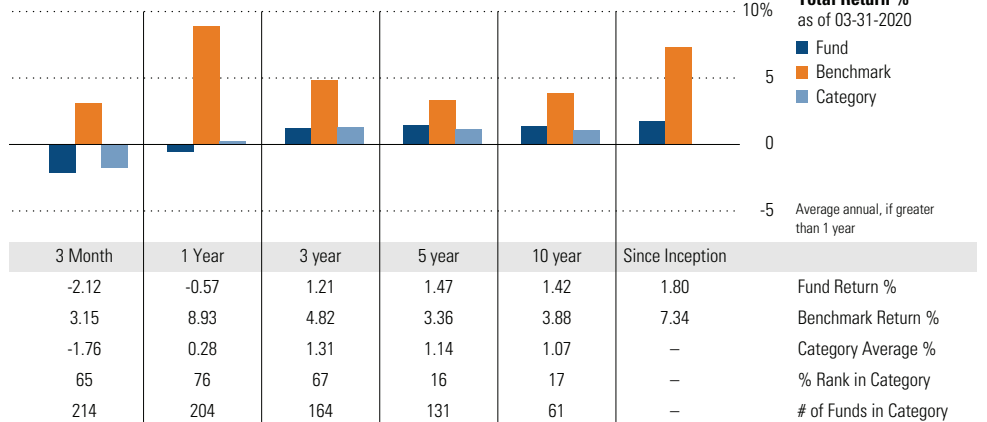
## Morningstar Investment Management LLC Analysis

This fund fails our expense screen with fees that are higher than the broad category average. Plan costs are sometimes wrapped into fund fees, but because costs are predictive of a fund's future relative performance, we would still like to see lower overall expenses here.

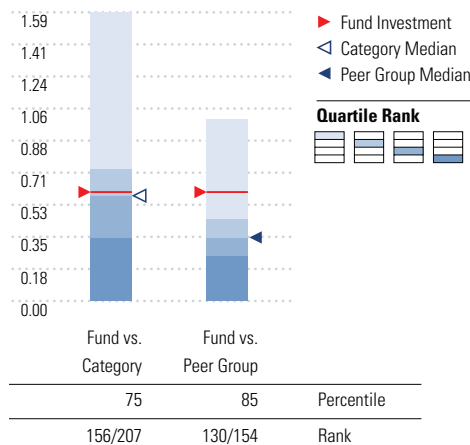
## Growth of \$10,000



## 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	1.04	-	0.65
Beta	0.04	-	0.12
R-Squared	0.33	-	9.71
Standard Deviation	2.06	3.20	1.60
Sharpe Ratio	-0.26	0.96	-0.35
Tracking Error	3.70	-	3.34
Information Ratio	-0.98	-	-1.08
Up Capture Ratio	15.13	-	20.90
Down Capture Ratio	-7.37	-	10.17

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	0.97	4.43	0.87
Avg Eff Maturity	0.67	-	1.41

# PIMCO Short-Term I2 PTSPX

**Morningstar Category**  
Ultrashort Bond

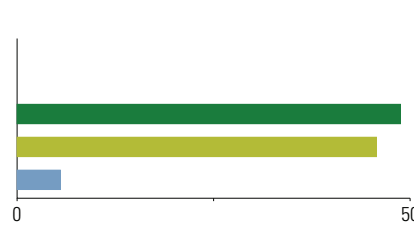
**Morningstar Index**  
BBgBarc US Agg Bond TR USD

## Style Analysis as of 03-31-2020

### Style Breakdown



## Asset Allocation as of 03-31-2020

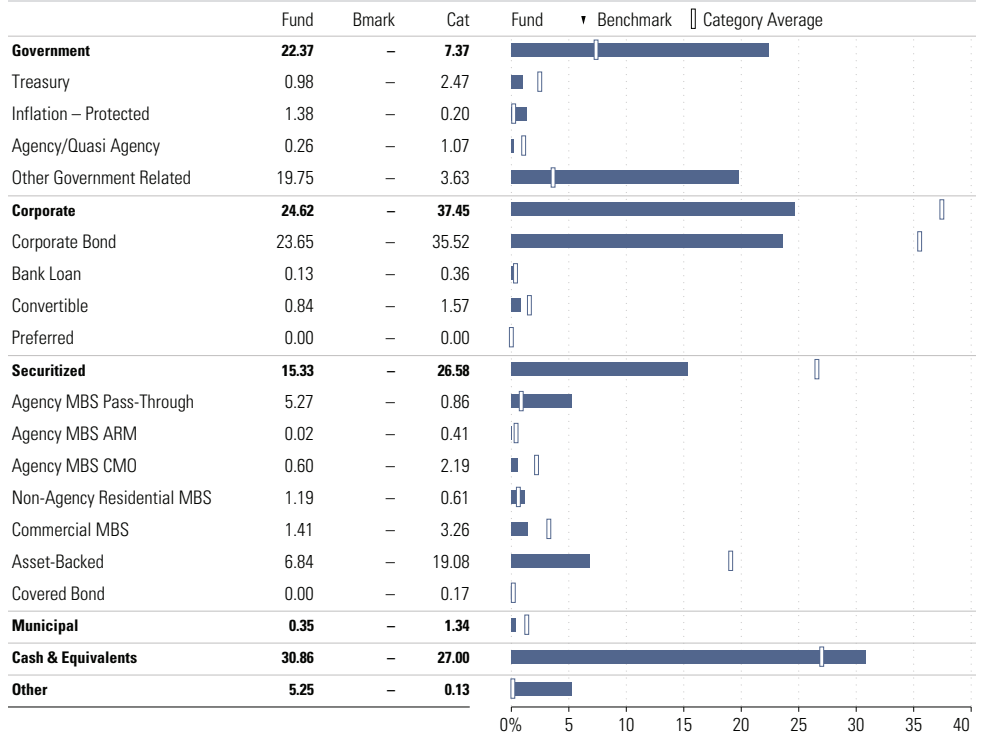


Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.00
Bonds	48.77	70.50
Cash	45.72	26.95
Other	5.50	2.56
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	28.00	3.53	56.93
AA	9.00	74.59	7.29
A	29.00	10.82	16.98
BBB	25.00	8.32	12.33
BB	7.00	0.28	1.33
B	2.00	0.00	0.01
Below B	0.00	0.00	0.38
Not Rated	0.00	2.46	4.75

## Sector Weighting as of 03-31-2020



## Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ 90 Day Eurodollar Future Dec20	12-2020	63.93	63.93	-
✱ CashOffSet	-	44.03	107.96	-
⊕ 2 Year Treasury Note Future Mar 20	03-2020	31.56	139.53	-
⊖ Offset: Unsettled Trades	-	11.56	151.09	-
⊕ Pimco Fds	08-2020	9.20	160.29	-
⊕ Federal National Mortgage Association 4%	01-2050	8.53	168.82	-
⊕ 5 Year Treasury Note Future Mar 20	03-2020	6.04	174.85	-
Irs Usd 2.76700 02/13/19-1y (Wht) Cme	02-2020	5.85	180.71	-
⊕ Irs Usd 2.76700 02/13/19-1y (Wht) Cme	02-2020	5.85	186.55	-
Irs Usd 2.00000 12/10/19-10y Cme	12-2029	5.83	192.38	-

**Total Holdings 1373**

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# Templeton Global Bond Adv TGBAX

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

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

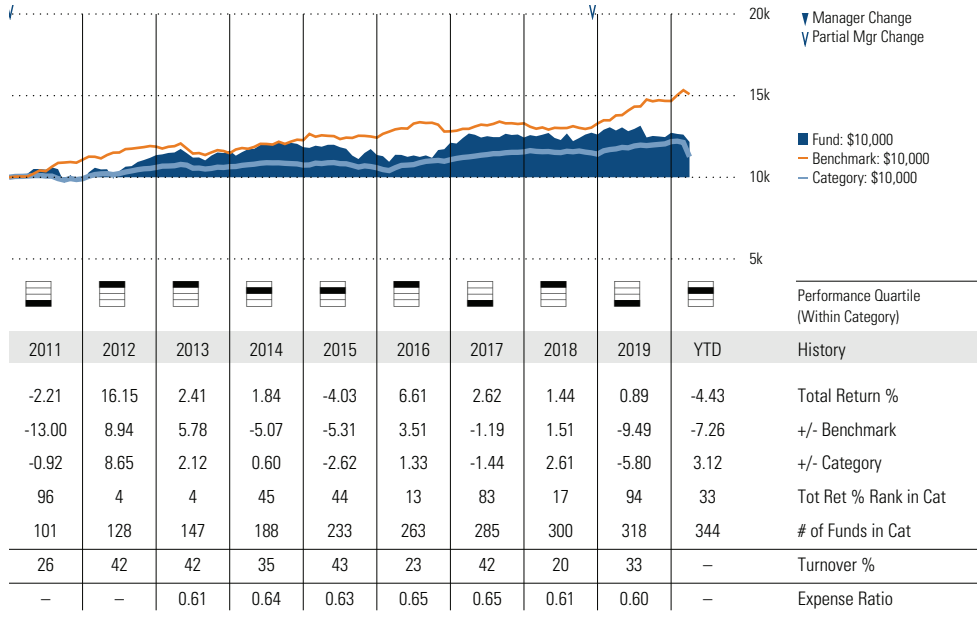
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.6 is 50.82% lower than the Nontraditional Bond category average.

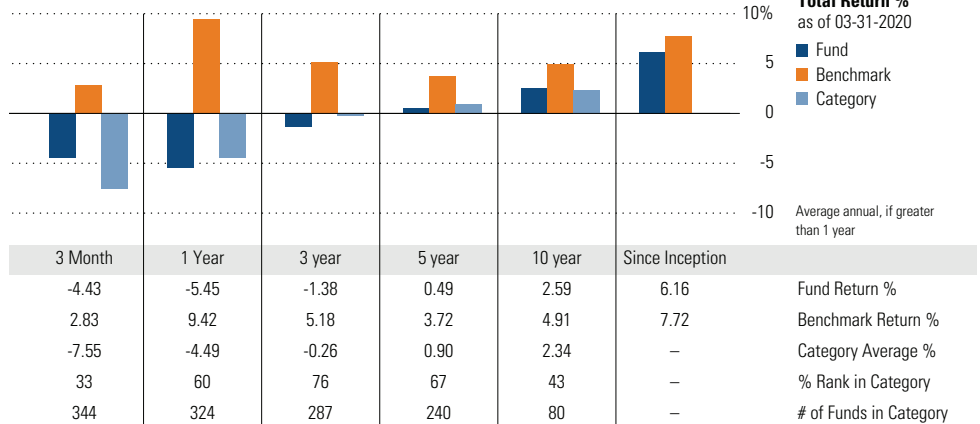
## Morningstar Investment Management LLC Analysis

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.

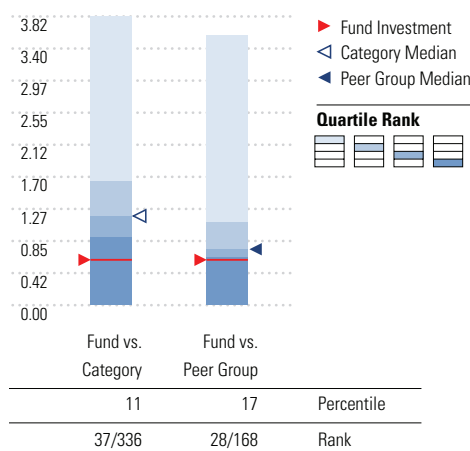
## Growth of \$10,000



## 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	1.85	-	-1.50
Beta	-0.59	-	0.29
R-Squared	13.79	-	10.65
Standard Deviation	6.30	3.94	5.92
Sharpe Ratio	-0.47	0.87	-0.26
Tracking Error	8.58	-	6.58
Information Ratio	-0.77	-	-0.84
Up Capture Ratio	-42.83	-	17.50
Down Capture Ratio	-69.58	-	53.88

## Portfolio Metrics

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

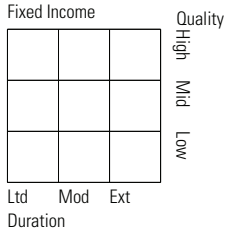
# Templeton Global Bond Adv TGBAX

**Morningstar Category**  
Nontraditional Bond

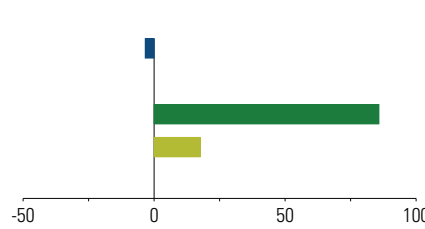
**Morningstar Index**  
BBgBarc US Govt/Credit 5-10 Yr TR USD

**Style Analysis** as of 03-31-2020

**Style Breakdown**



**Asset Allocation** as of 03-31-2020

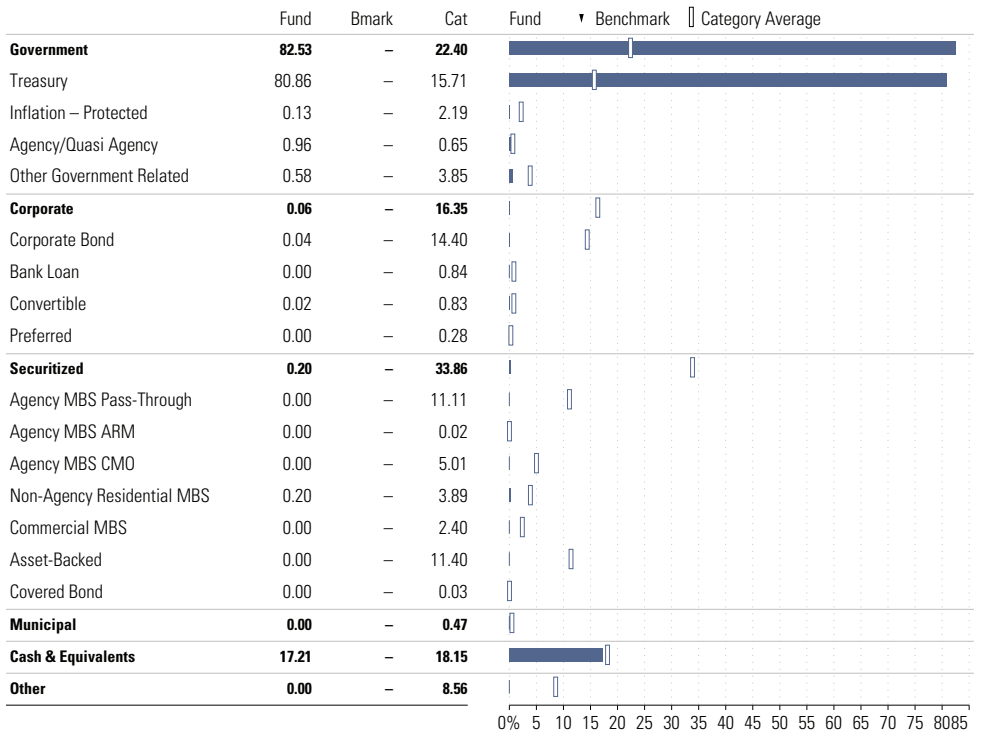


Asset Class	Net %	Cat%
US Stocks	-3.37	0.07
Non-US Stocks	0.00	0.15
Bonds	85.80	88.21
Cash	17.57	12.67
Other	0.00	-1.08
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Credit Rating Breakdown**

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

**Sector Weighting** as of 03-31-2020



**Top 10 Holdings** as of 03-31-2020

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

**Total Holdings 262**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Templeton Global Bond Adv TGBAX

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

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

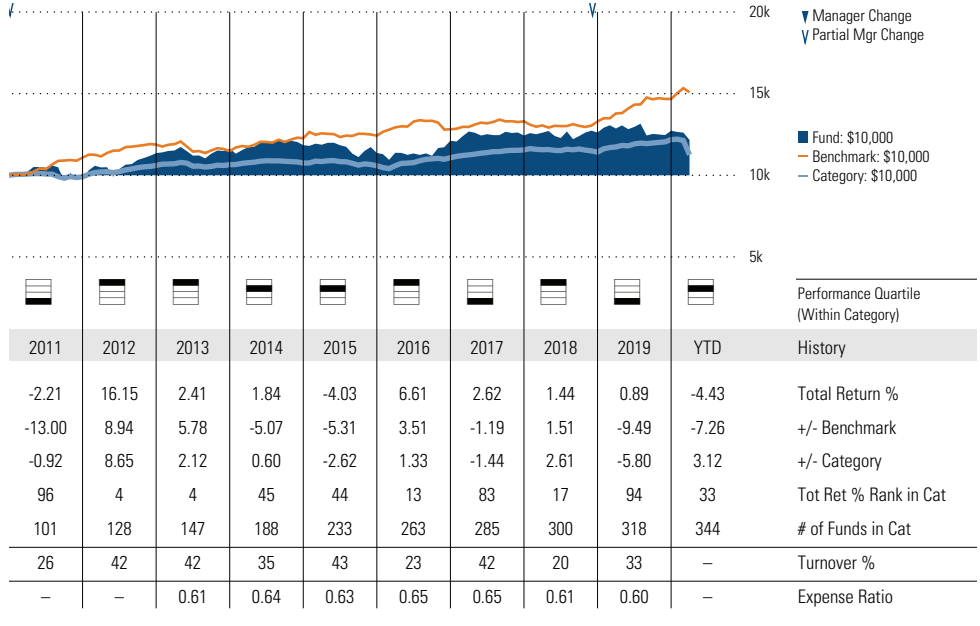
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.6 is 50.82% lower than the Nontraditional Bond category average.

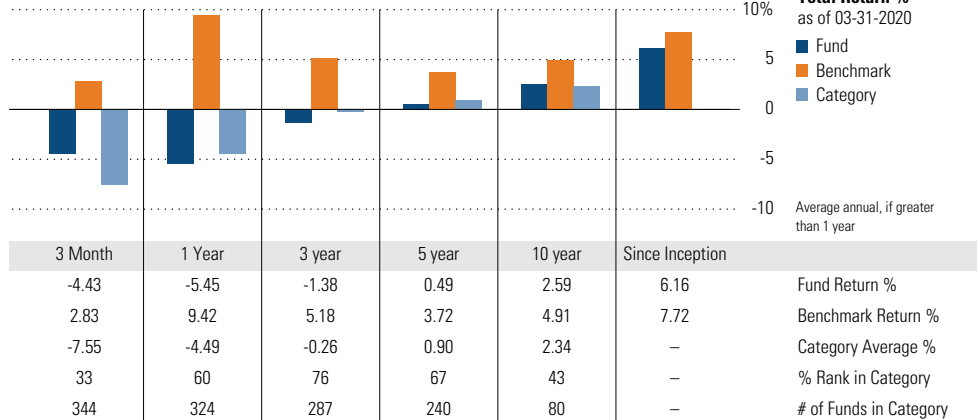
## Morningstar Investment Management LLC Analysis

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.

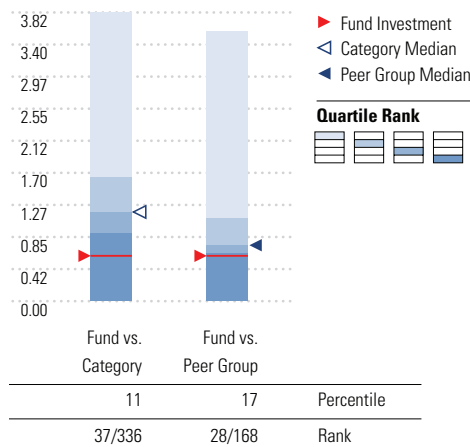
## Growth of \$10,000



## 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	1.85	-	-1.50
Beta	-0.59	-	0.29
R-Squared	13.79	-	10.65
Standard Deviation	6.30	3.94	5.92
Sharpe Ratio	-0.47	0.87	-0.26
Tracking Error	8.58	-	6.58
Information Ratio	-0.77	-	-0.84
Up Capture Ratio	-42.83	-	17.50
Down Capture Ratio	-69.58	-	53.88

## 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 Adv TGBAX

**Morningstar Category**  
Nontraditional Bond

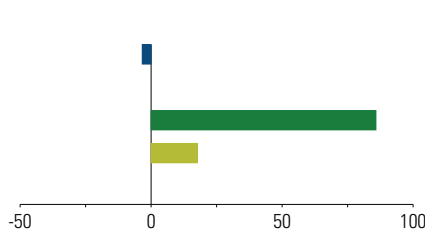
**Morningstar Index**  
BBgBarc US Govt/Credit 5-10 Yr TR USD

## Style Analysis as of 03-31-2020

### Style Breakdown



## Asset Allocation as of 03-31-2020

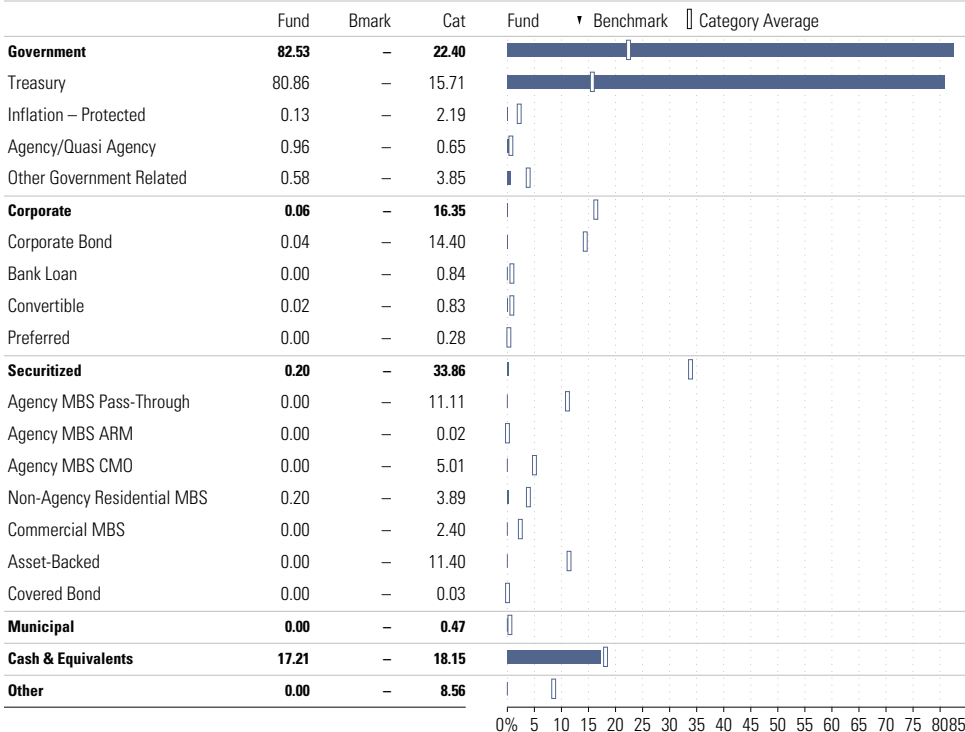


Asset Class	Net %	Cat%
US Stocks	-3.37	0.07
Non-US Stocks	0.00	0.15
Bonds	85.80	88.21
Cash	17.57	12.67
Other	0.00	-1.08
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

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

## Sector Weighting as of 03-31-2020



## Top 10 Holdings as of 03-31-2020

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

**Total Holdings 262**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard 500 Index Admiral VFIAX

**Morningstar Category**  
Large Blend

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

## Portfolio Manager(s)

Donald Butler since 04-2016

Michelle Louie since 11-2017

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 3.93 years.

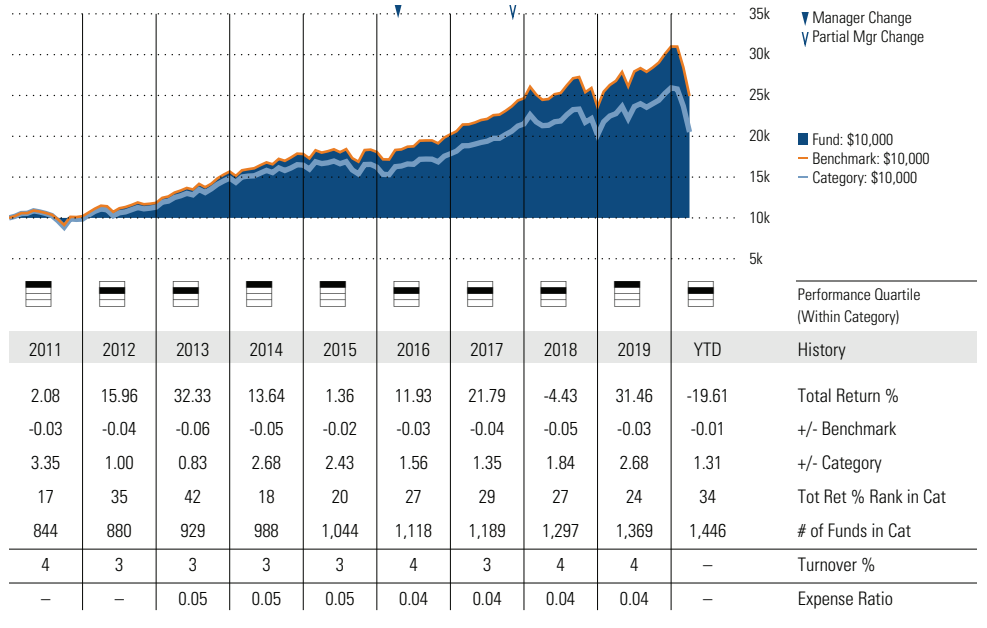
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.04 is 95.4% lower than the Large Blend category average.

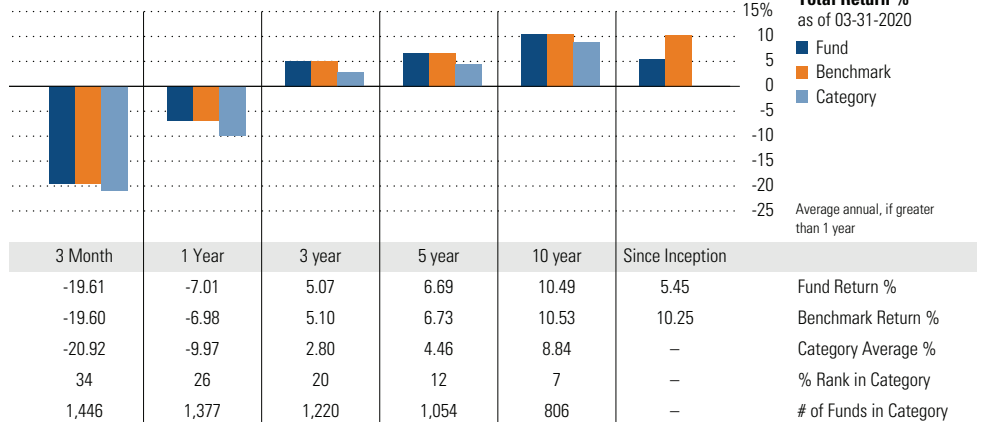
## Morningstar Investment Management LLC Analysis

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.

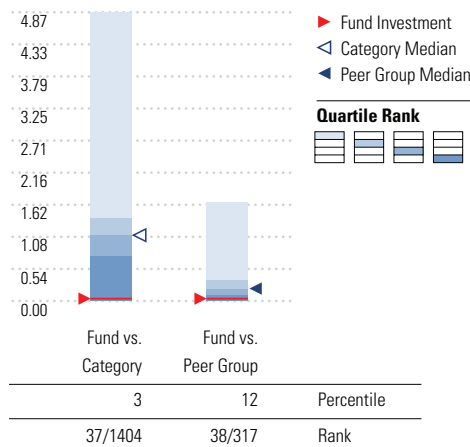
## Growth of \$10,000



## 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	-0.04	-	-2.23
Beta	1.00	-	0.99
R-Squared	100.00	-	94.99
Standard Deviation	15.22	15.21	15.38
Sharpe Ratio	0.29	0.29	0.14
Tracking Error	0.01	-	3.28
Information Ratio	-3.83	-	-1.19
Up Capture Ratio	99.88	-	90.76
Down Capture Ratio	100.06	-	101.53

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.91	17.90	16.40
Price/Book Ratio	2.68	2.67	2.71
Geom Avg Mkt Cap \$B	111.73	111.51	146.57
ROE	27.23	27.15	28.57

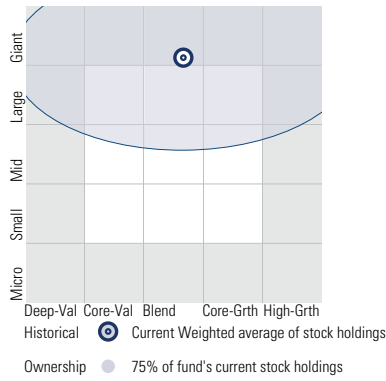
# Vanguard 500 Index Admiral VFIAX

Morningstar Category  
Large Blend

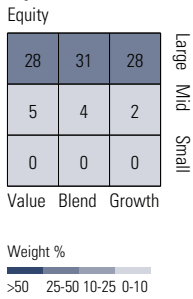
Morningstar Index  
S&P 500 TR USD

## Style Analysis as of 03-31-2020

Morningstar Style Box™



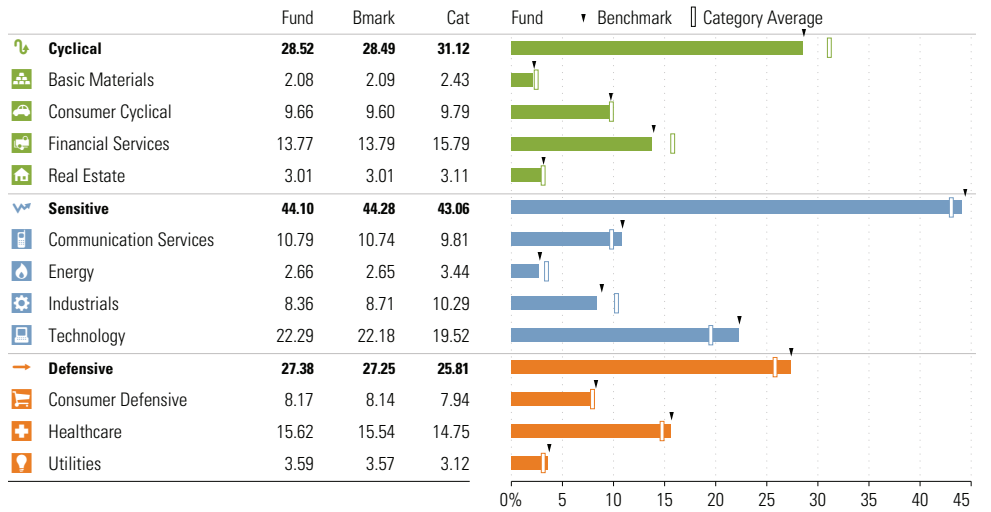
## Style Breakdown



## Asset Allocation as of 03-31-2020



## Sector Weighting as of 03-31-2020



## Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Microsoft Corp	5.58	5.58	0.33	Technology
⊕ Apple Inc	4.93	10.51	-13.14	Technology
⊕ Amazon.com Inc	3.77	14.28	5.51	Consumer Cyclical
⊕ Facebook Inc A	1.86	16.14	-18.73	Communication Svc
⊕ Berkshire Hathaway Inc B	1.62	17.76	-19.28	Financial Services
⊕ Alphabet Inc Class C	1.62	19.37	-13.03	Communication Svc
⊕ Alphabet Inc A	1.61	20.99	-13.25	Communication Svc
⊕ Johnson & Johnson	1.60	22.59	-9.45	Healthcare
⊕ Visa Inc Class A	1.28	23.87	-14.09	Financial Services
⊕ Procter & Gamble Co	1.27	25.14	-11.33	Consumer Defensive
⊖ JPMorgan Chase & Co	1.24	26.38	-34.77	Financial Services
⊕ UnitedHealth Group Inc	1.10	27.48	-14.80	Healthcare
⊕ Intel Corp	1.09	28.57	-9.02	Technology
⊕ Verizon Communications Inc	1.03	29.60	-11.49	Communication Svc
⊕ Mastercard Inc A	1.00	30.60	-18.97	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 3.93 years.

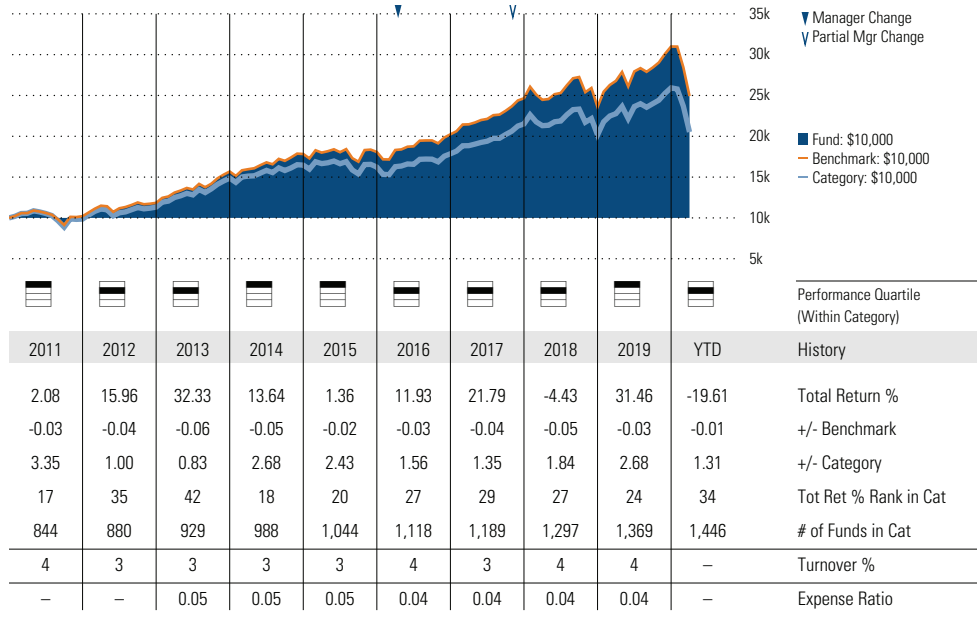
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.04 is 95.4% lower than the Large Blend category average.

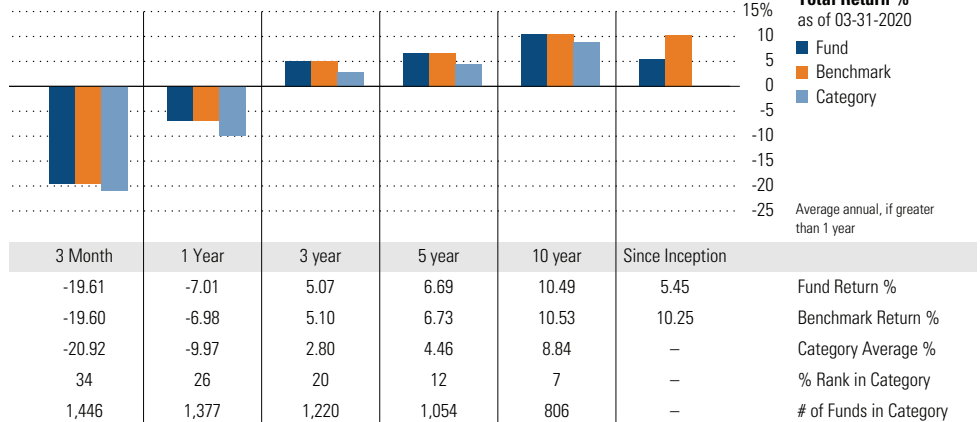
## Morningstar Investment Management LLC Analysis

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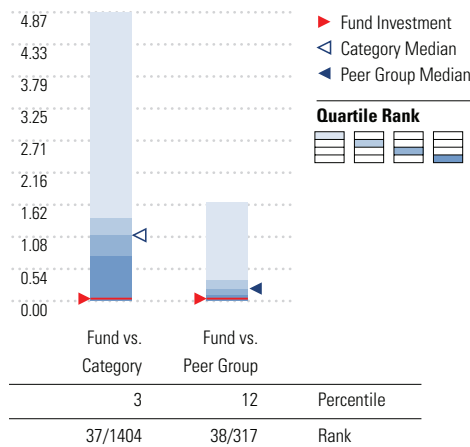
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.04	-	-2.23
Beta	1.00	-	0.99
R-Squared	100.00	-	94.99
Standard Deviation	15.22	15.21	15.38
Sharpe Ratio	0.29	0.29	0.14
Tracking Error	0.01	-	3.28
Information Ratio	-3.83	-	-1.19
Up Capture Ratio	99.88	-	90.76
Down Capture Ratio	100.06	-	101.53

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.91	17.90	16.40
Price/Book Ratio	2.68	2.67	2.71
Geom Avg Mkt Cap \$B	111.73	111.51	146.57
ROE	27.23	27.15	28.57

# Vanguard 500 Index Admiral VFIAX

Morningstar Category  
Large Blend

Morningstar Index  
S&P 500 TR USD

## Style Analysis as of 03-31-2020

Morningstar Style Box™



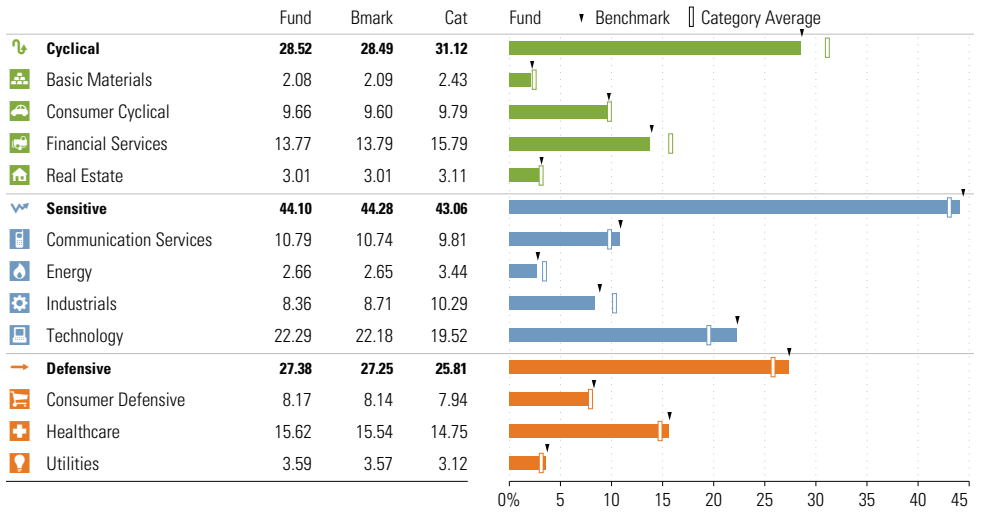
## Style Breakdown



## Asset Allocation as of 03-31-2020



## Sector Weighting as of 03-31-2020



## Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Microsoft Corp	5.58	5.58	0.33	Technology
⊕ Apple Inc	4.93	10.51	-13.14	Technology
⊕ Amazon.com Inc	3.77	14.28	5.51	Consumer Cyclical
⊕ Facebook Inc A	1.86	16.14	-18.73	Communication Svc
⊕ Berkshire Hathaway Inc B	1.62	17.76	-19.28	Financial Services
⊕ Alphabet Inc Class C	1.62	19.37	-13.03	Communication Svc
⊕ Alphabet Inc A	1.61	20.99	-13.25	Communication Svc
⊕ Johnson & Johnson	1.60	22.59	-9.45	Healthcare
⊕ Visa Inc Class A	1.28	23.87	-14.09	Financial Services
⊕ Procter & Gamble Co	1.27	25.14	-11.33	Consumer Defensive
⊖ JPMorgan Chase & Co	1.24	26.38	-34.77	Financial Services
⊕ UnitedHealth Group Inc	1.10	27.48	-14.80	Healthcare
⊕ Intel Corp	1.09	28.57	-9.02	Technology
⊕ Verizon Communications Inc	1.03	29.60	-11.49	Communication Svc
⊕ Mastercard Inc A	1.00	30.60	-18.97	Financial Services

**Total Holdings 514**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Developed Markets Index Admiral VTMGX

**Morningstar Category**  
Foreign Large Blend

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

## Portfolio Manager(s)

Christine Franquin since 02-2013  
Michael Perre since 11-2017

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 7.11 years.

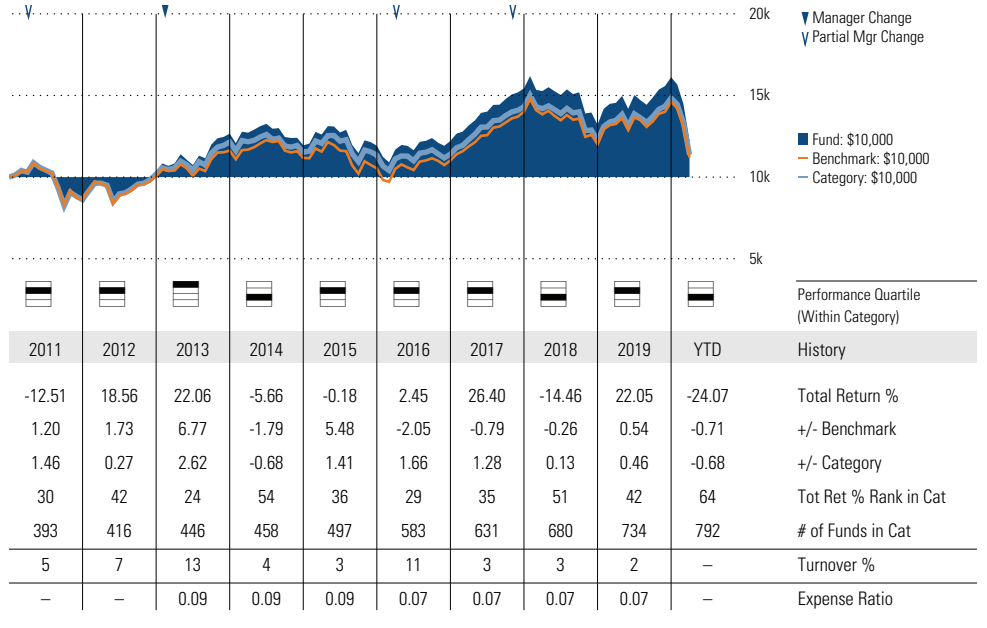
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.07 is 92.71% lower than the Foreign Large Blend category average.

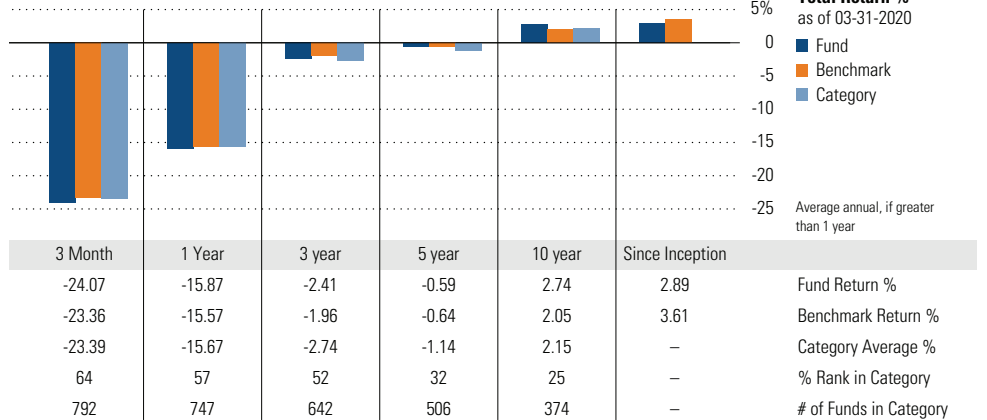
## Morningstar Investment Management LLC Analysis

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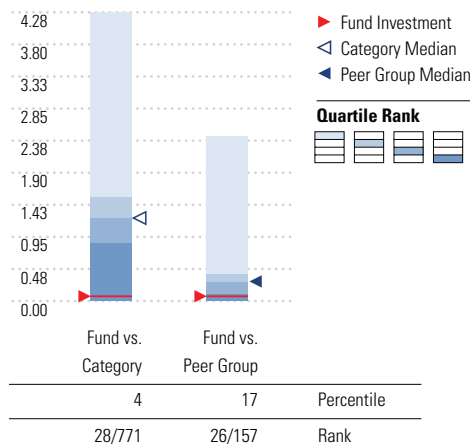
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.42	-	-0.76
Beta	1.00	-	1.00
R-Squared	98.45	-	95.29
Standard Deviation	15.33	15.15	15.44
Sharpe Ratio	-0.20	-0.17	-0.21
Tracking Error	1.91	-	3.43
Information Ratio	-0.24	-	-0.24
Up Capture Ratio	97.03	-	95.05
Down Capture Ratio	99.57	-	99.51

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	13.17	13.01	12.99
Price/Book Ratio	1.21	1.30	1.23
Geom Avg Mkt Cap \$B	20.36	30.91	31.63
ROE	14.65	15.58	16.00

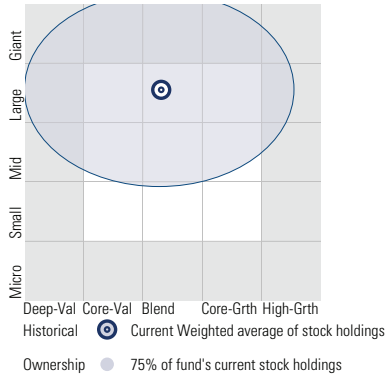
# Vanguard Developed Markets Index Admiral VTMGX

**Morningstar Category**  
Foreign Large Blend

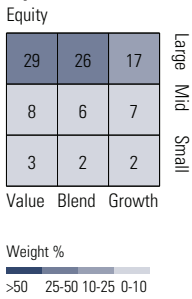
**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Style Analysis as of 03-31-2020

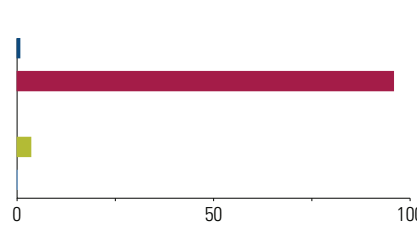
Morningstar Style Box™



## Style Breakdown

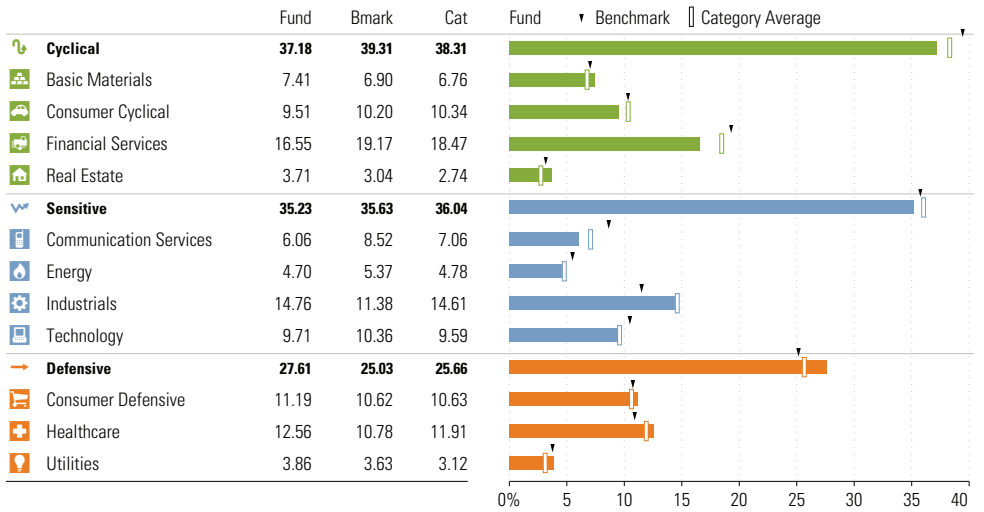


## Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	95.78	93.37
Non-US Stocks	0.00	0.97
Bonds	3.49	0.53
Cash	0.03	1.66
Other	0.70	0.00
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2020



## World Regions % Equity 03-31-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	37.90	36.85	Americas	9.09	7.21	Greater Europe	53.02	55.95	Developed Markets	99.07
Japan	23.83	20.13	North America	9.08	6.31	United Kingdom	13.05	14.42	Emerging Markets	0.93
Australasia	5.49	4.93	Central/Latin	0.01	0.90	W euro-ex UK	38.90	40.46	Not Available	0.00
Asia-4 Tigers	8.20	6.65				Emrgng Europe	0.53	0.44		
Asia-ex 4 Tigers	0.38	5.14				Africa	0.54	0.63		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Market Liquidity Inv	3.42	3.42	-	-
⊖ Nestle SA	1.92	5.35	-5.09	Consumer Defensive
⊖ Roche Holding AG Dividend Right Cert.	1.45	6.80	-0.42	Healthcare
⊕ Novartis AG	1.14	7.94	-9.90	Healthcare
⊖ Samsung Electronics Co Ltd	1.12	9.06	-	Technology
⊖ Toyota Motor Corp	0.96	10.02	-15.72	Consumer Cyclical
⊖ AstraZeneca PLC	0.76	10.79	-3.22	Healthcare
⊖ HSBC Holdings PLC	0.74	11.52	-23.26	Financial Services
⊖ AIA Group Ltd	0.70	12.23	-14.24	Financial Services
⊖ SAP SE	0.70	12.93	-14.56	Technology

**Total Holdings 3924**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Developed Markets Index Admiral VTMGX

**Morningstar Category**  
Foreign Large Blend

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

## Portfolio Manager(s)

Christine Franquin since 02-2013  
Michael Perre since 11-2017

## Quantitative Screens

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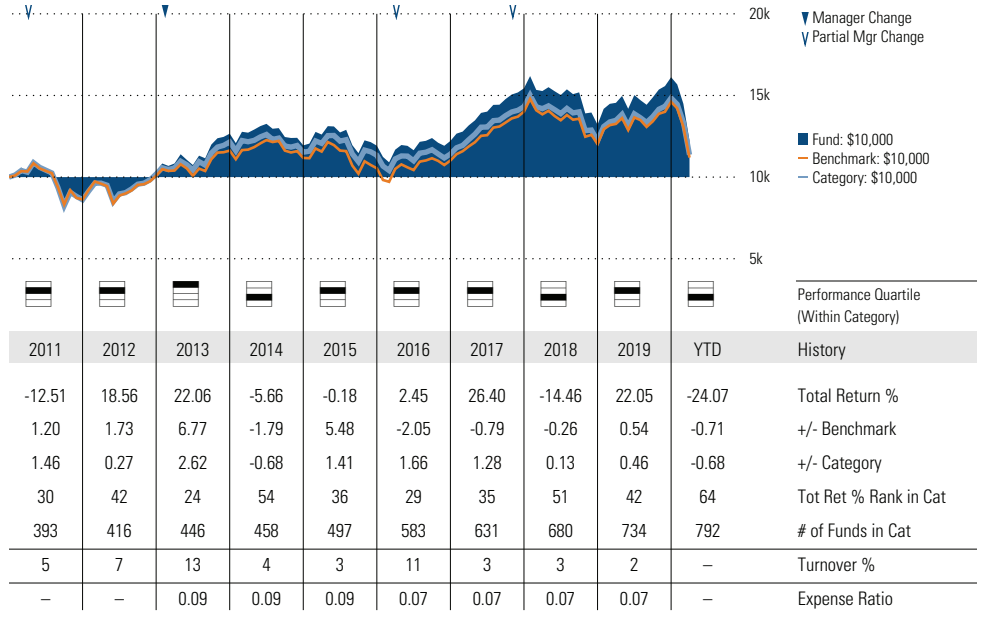
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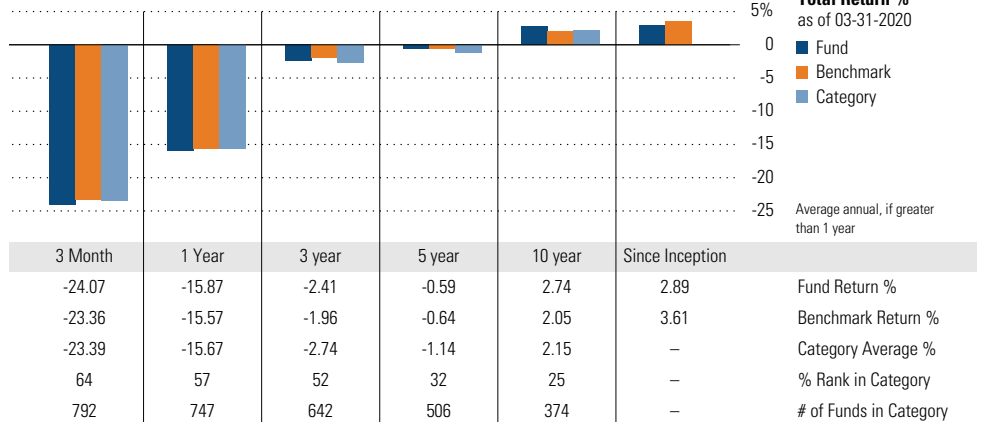
## Morningstar Investment Management LLC Analysis

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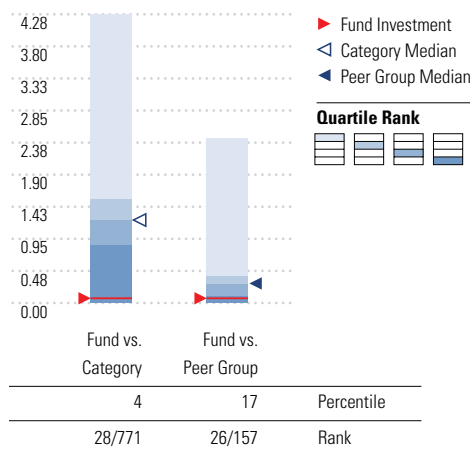
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.42	-	-0.76
Beta	1.00	-	1.00
R-Squared	98.45	-	95.29
Standard Deviation	15.33	15.15	15.44
Sharpe Ratio	-0.20	-0.17	-0.21
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## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	13.17	13.01	12.99
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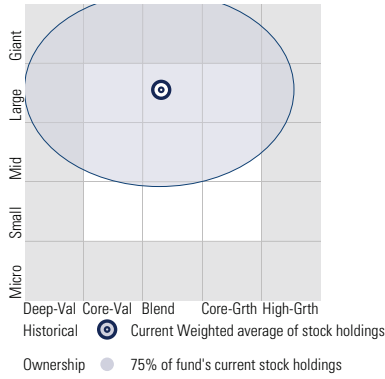
# Vanguard Developed Markets Index Admiral VTMGX

**Morningstar Category**  
Foreign Large Blend

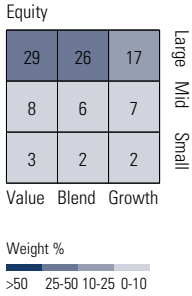
**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Style Analysis as of 03-31-2020

Morningstar Style Box™



## Style Breakdown

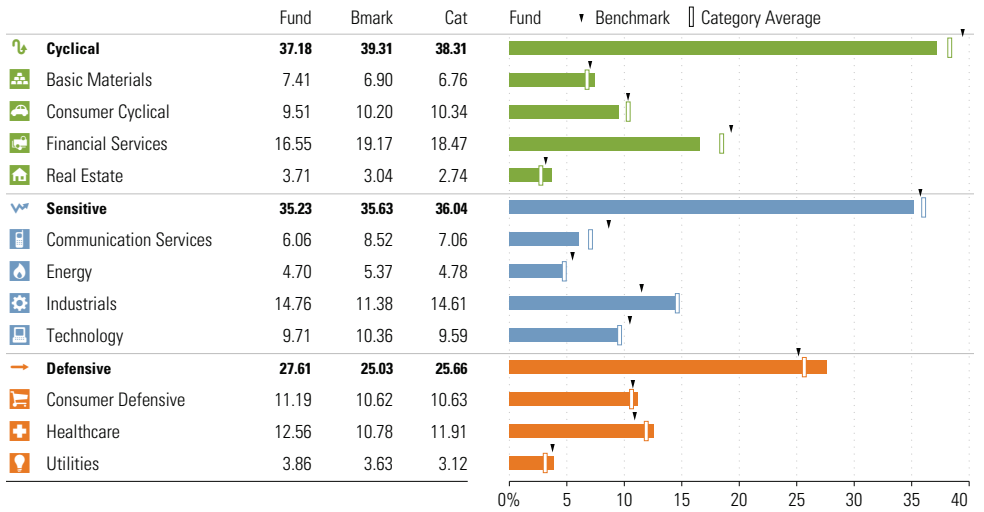


## Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	95.78	93.37
Non-US Stocks	0.00	0.97
Bonds	3.49	0.53
Cash	0.03	1.66
Other	0.70	0.00
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2020



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Asia-ex 4 Tigers	0.38	5.14				Africa	0.54	0.63		
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Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
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⊖ AIA Group Ltd	0.70	12.23	-14.24	Financial Services
⊖ SAP SE	0.70	12.93	-14.56	Technology

**Total Holdings 3924**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard Growth Index Admiral VIGAX

**Morningstar Category**  
Large Growth

**Morningstar Index**  
Russell 1000 Growth TR USD

## Portfolio Manager(s)

Gerard O'Reilly since 12-1994

Walter Nejman since 04-2016

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 25.27 years.

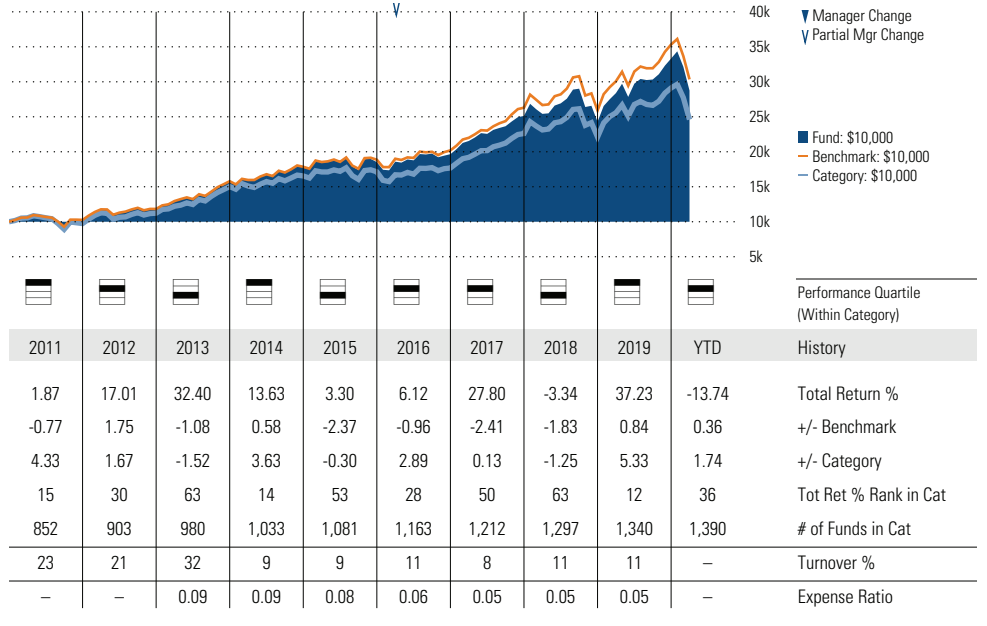
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.05 is 95.15% lower than the Large Growth category average.

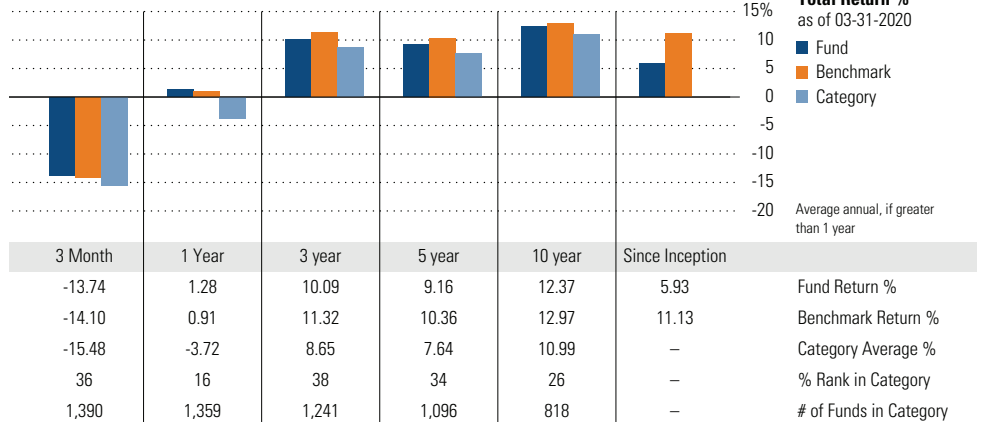
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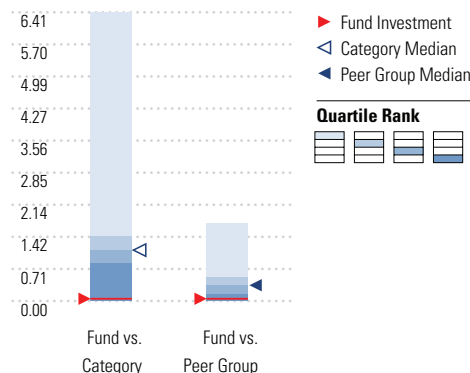
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-1.08	-	-2.20
Beta	1.00	-	1.00
R-Squared	99.31	-	92.89
Standard Deviation	15.41	15.40	16.06
Sharpe Ratio	0.59	0.66	0.50
Tracking Error	1.28	-	4.21
Information Ratio	-0.96	-	-0.67
Up Capture Ratio	96.45	-	92.51
Down Capture Ratio	101.00	-	101.71

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	25.83	23.70	22.48
Price/Book Ratio	5.54	6.45	4.43
Geom Avg Mkt Cap \$B	143.71	135.45	149.21
ROE	30.97	33.87	28.15

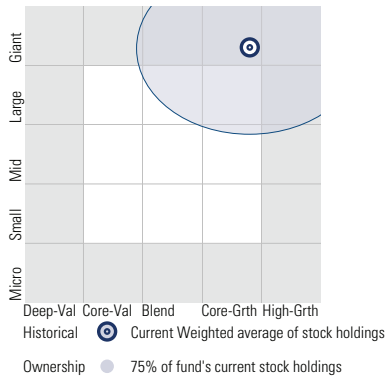
# Vanguard Growth Index Admiral VIGAX

**Morningstar Category**  
Large Growth

**Morningstar Index**  
Russell 1000 Growth TR USD

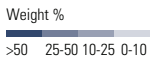
## Style Analysis as of 03-31-2020

Morningstar Style Box™

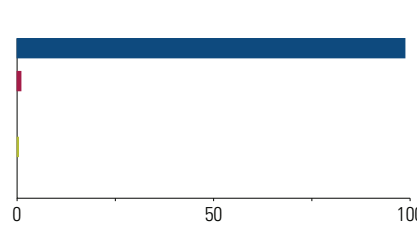


## Style Breakdown

Equity			Large Mid Small
Value	Blend	Growth	
5	31	52	Large
1	5	6	Mid
0	0	0	Small

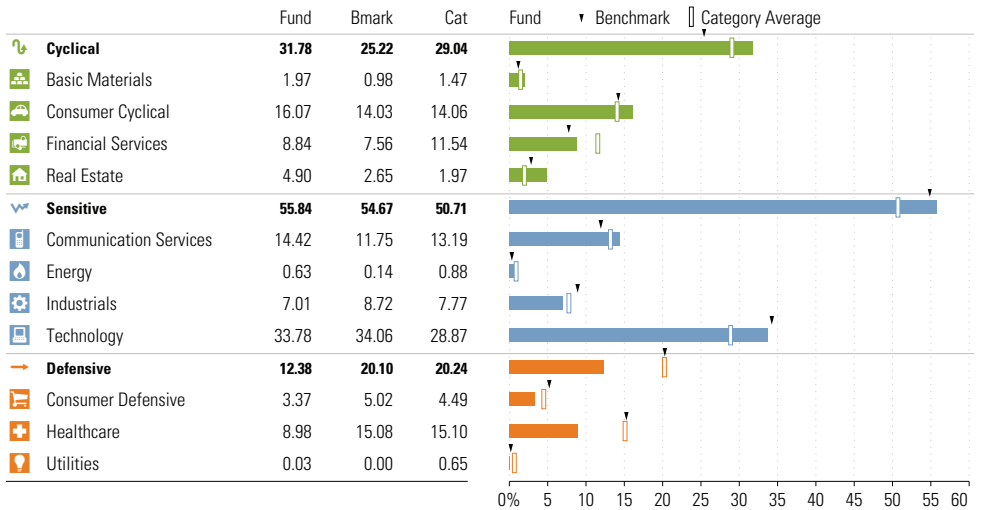


## Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	98.68	91.85
Non-US Stocks	0.97	6.08
Bonds	0.00	0.05
Cash	0.35	1.59
Other	0.00	0.43
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2020



## Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Microsoft Corp	10.26	10.26	0.33	Technology
⊕ Apple Inc	8.67	18.93	-13.14	Technology
⊕ Amazon.com Inc	7.01	25.94	5.51	Consumer Cyclical
⊕ Facebook Inc A	3.42	29.36	-18.73	Communication Svc
⊕ Alphabet Inc A	2.97	32.33	-13.25	Communication Svc
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⊕ Visa Inc Class A	2.30	37.53	-14.09	Financial Services
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⊕ The Home Depot Inc	1.74	41.11	-13.82	Consumer Cyclical
⊕ Netflix Inc	1.40	42.52	16.05	Communication Svc
⊕ Comcast Corp Class A	1.33	43.85	-22.57	Communication Svc
⊕ Adobe Inc	1.31	45.16	-3.51	Technology
⊕ NVIDIA Corp	1.31	46.47	12.10	Technology
⊕ Costco Wholesale Corp	1.07	47.54	-2.77	Consumer Defensive
⊕ McDonald's Corp	1.06	48.60	-15.69	Consumer Cyclical

**Total Holdings 279**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Growth Index Admiral VIGAX

**Morningstar Category**  
Large Growth

**Morningstar Index**  
Russell 1000 Growth TR USD

## Portfolio Manager(s)

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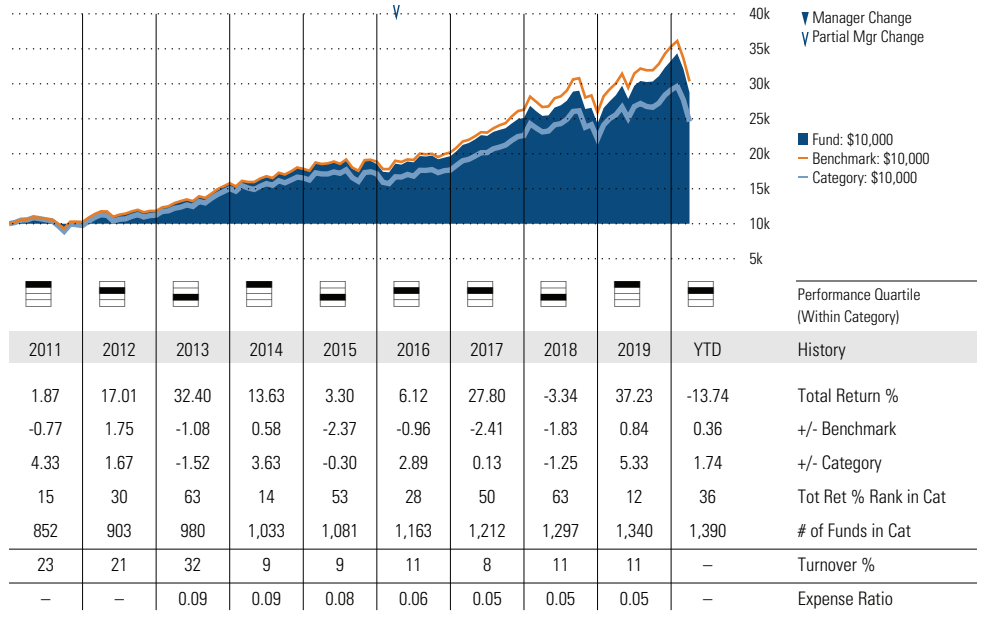
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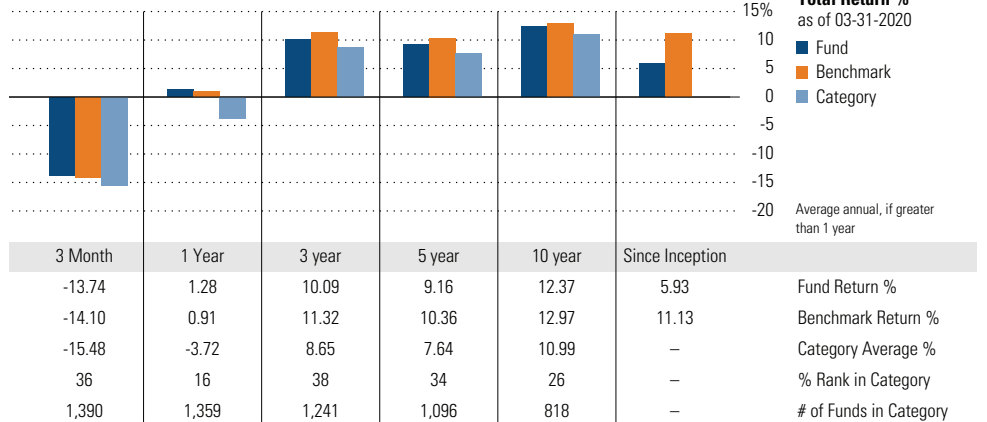
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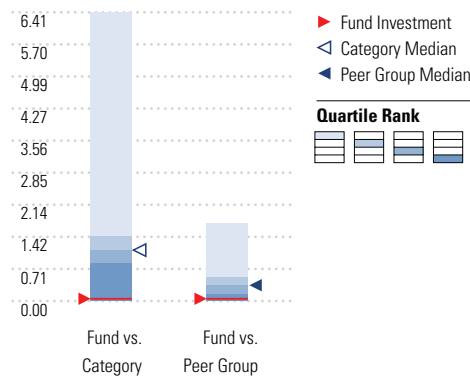
## Growth of \$10,000



## Trailing Performance



## Net Expense



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## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-1.08	-	-2.20
Beta	1.00	-	1.00
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Standard Deviation	15.41	15.40	16.06
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## Portfolio Metrics

Metric	Fund	Bmark	Cat
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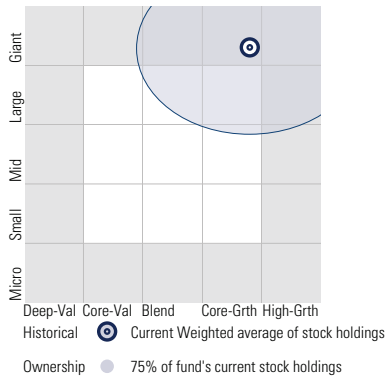
# Vanguard Growth Index Admiral VIGAX

**Morningstar Category**  
Large Growth

**Morningstar Index**  
Russell 1000 Growth TR USD

## Style Analysis as of 03-31-2020

Morningstar Style Box™

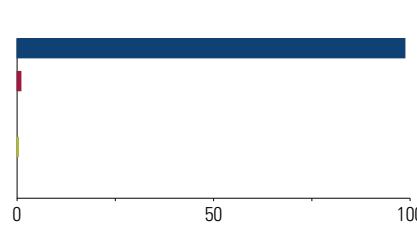


## Style Breakdown

Equity			
Value	Blend	Growth	
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## Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
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Cash	0.35	1.59
Other	0.00	0.43
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>31.78</b>	<b>25.22</b>	<b>29.04</b>			
Basic Materials	1.97	0.98	1.47			
Consumer Cyclical	16.07	14.03	14.06			
Financial Services	8.84	7.56	11.54			
Real Estate	4.90	2.65	1.97			
<b>Sensitive</b>	<b>55.84</b>	<b>54.67</b>	<b>50.71</b>			
Communication Services	14.42	11.75	13.19			
Energy	0.63	0.14	0.88			
Industrials	7.01	8.72	7.77			
Technology	33.78	34.06	28.87			
<b>Defensive</b>	<b>12.38</b>	<b>20.10</b>	<b>20.24</b>			
Consumer Defensive	3.37	5.02	4.49			
Healthcare	8.98	15.08	15.10			
Utilities	0.03	0.00	0.65			

## Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Microsoft Corp	10.26	10.26	0.33	Technology
⊕ Apple Inc	8.67	18.93	-13.14	Technology
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⊕ Costco Wholesale Corp	1.07	47.54	-2.77	Consumer Defensive
⊕ McDonald's Corp	1.06	48.60	-15.69	Consumer Cyclical

**Total Holdings 279**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard International Value Inv VTRIX

**Morningstar Category**  
Foreign Large Value

**Morningstar Index**  
MSCI EAFE NR USD

## Portfolio Manager(s)

Sandy Nairn since 05-2008  
Michael Bennett since 05-2010  
Michael Fry since 05-2010  
Steven Morrow since 08-2012  
A. Krishna since 08-2012

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 11.88 years.

✘ **Style:** The fund has landed in its primary style box — Large Value — 27.27 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.37 is 65.09% lower than the Foreign Large Value category average.

## Growth of \$10,000



## Morningstar Investment Management LLC Analysis

This foreign large value fund fails our style consistency screen owing to its occasional drift into the blend portion of the style box. However, the movement has been minor and the fund still pursues a value-oriented strategy.

## 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	-1.41	-	-4.40
Beta	1.09	-	1.10
R-Squared	96.40	-	92.94
Standard Deviation	16.13	14.58	16.66
Sharpe Ratio	-0.25	-0.17	-0.42
Tracking Error	3.31	-	4.77
Information Ratio	-0.51	-	-1.01
Up Capture Ratio	101.85	-	94.03
Down Capture Ratio	110.15	-	118.42

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	15.87	13.90	9.60
Price/Book Ratio	1.38	1.27	0.83
Geom Avg Mkt Cap \$B	42.13	30.88	23.32
ROE	14.51	15.37	12.88

# Vanguard International Value Inv VTRIX

**Morningstar Category**  
Foreign Large Value

**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 03-31-2020

Morningstar Style Box™



## Style Breakdown

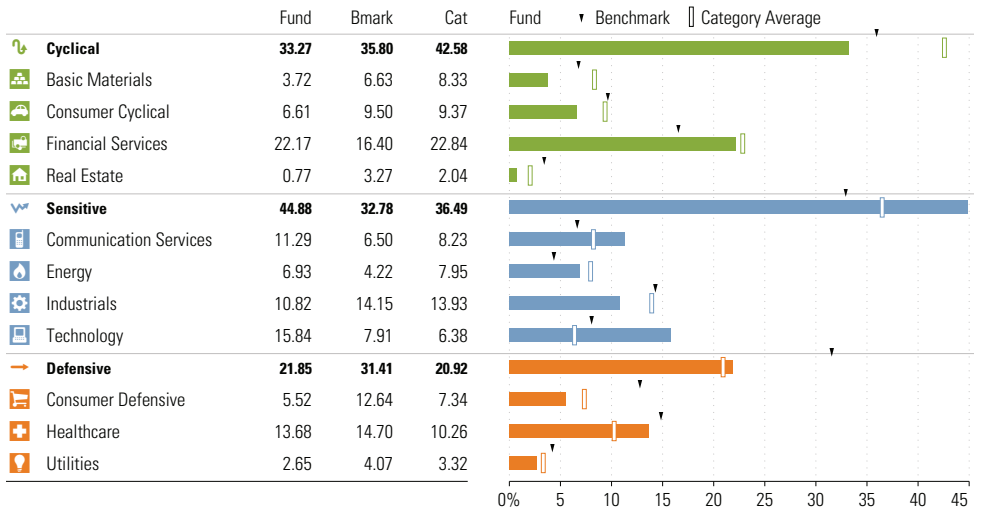


## Asset Allocation as of 03-31-2020



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

## Sector Weighting as of 03-31-2020



## World Regions % Equity 03-31-2020



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

## Top 10 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Market Liquidity Inv	4.52	4.52	-	-
⊕ Sanofi SA	2.46	6.98	-10.58	Healthcare
⊖ Novartis AG	2.27	9.26	-9.90	Healthcare
⊖ Samsung Electronics Co Ltd	2.14	11.40	-	Technology
⊖ Royal Dutch Shell PLC Class A	1.86	13.26	-34.88	Energy
⊕ Tesco PLC	1.69	14.95	-10.34	Consumer Defensive
⊕ Hitachi Ltd	1.55	16.50	-32.06	Industrials
⊕ Fresenius Medical Care AG & Co. KGaA	1.47	17.97	-8.73	Healthcare
⊖ Vodafone Group PLC	1.41	19.38	-23.00	Communication Svc
⊖ DBS Group Holdings Ltd	1.40	20.79	-	Financial Services

**Total Holdings 153**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard International Value Inv VTRIX

**Morningstar Category**  
Foreign Large Value

**Morningstar Index**  
MSCI EAFE NR USD

## Portfolio Manager(s)

Sandy Nairn since 05-2008  
Michael Bennett since 05-2010  
Michael Fry since 05-2010  
Steven Morrow since 08-2012  
A. Krishna since 08-2012

## Quantitative Screens

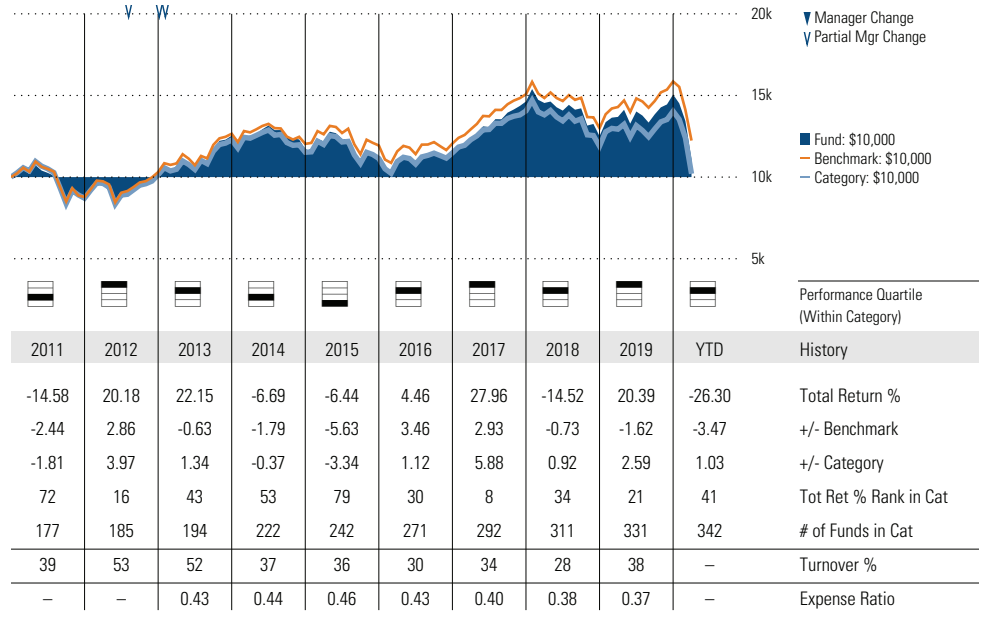
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✔ **Management:** The fund's management has been in place for 11.88 years.

✘ **Style:** The fund has landed in its primary style box — Large Value — 27.27 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.37 is 65.09% lower than the Foreign Large Value category average.

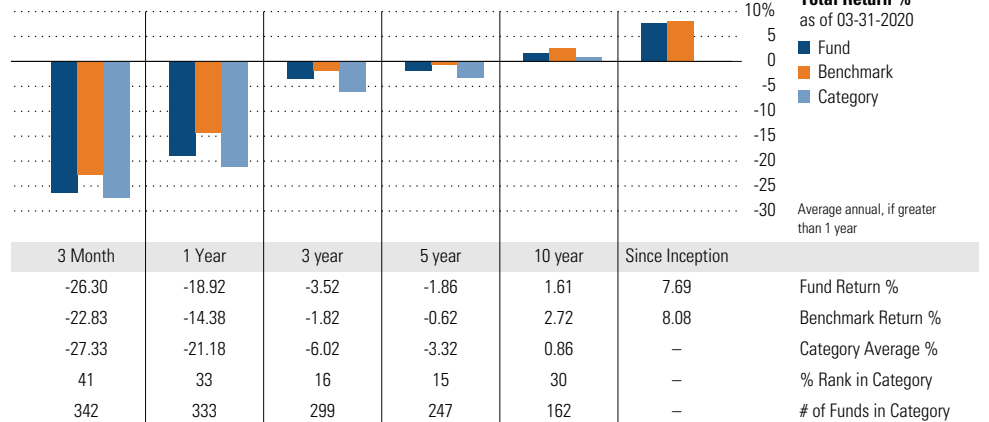
## Growth of \$10,000



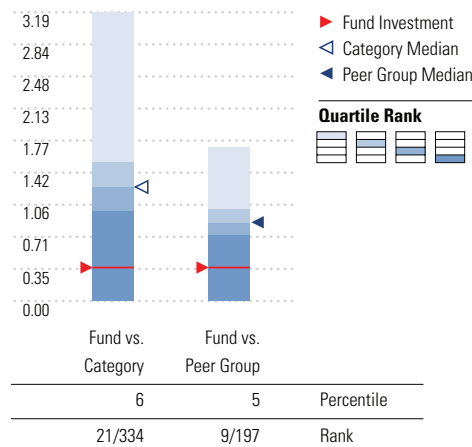
## Morningstar Investment Management LLC Analysis

This foreign large value fund fails our style consistency screen owing to its occasional drift into the blend portion of the style box. However, the movement has been minor and the fund still pursues a value-oriented strategy.

## 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	-1.41	-	-4.40
Beta	1.09	-	1.10
R-Squared	96.40	-	92.94
Standard Deviation	16.13	14.58	16.66
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Price/Earnings Ratio	15.87	13.90	9.60
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# Vanguard International Value Inv VTRIX

**Morningstar Category**  
Foreign Large Value

**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 03-31-2020

Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 03-31-2020



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

## Sector Weighting as of 03-31-2020



## World Regions % Equity 03-31-2020



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

## Top 10 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Market Liquidity Inv	4.52	4.52	-	-
⊕ Sanofi SA	2.46	6.98	-10.58	Healthcare
⊖ Novartis AG	2.27	9.26	-9.90	Healthcare
⊖ Samsung Electronics Co Ltd	2.14	11.40	-	Technology
⊖ Royal Dutch Shell PLC Class A	1.86	13.26	-34.88	Energy
⊕ Tesco PLC	1.69	14.95	-10.34	Consumer Defensive
⊕ Hitachi Ltd	1.55	16.50	-32.06	Industrials
⊕ Fresenius Medical Care AG & Co. KGaA	1.47	17.97	-8.73	Healthcare
⊖ Vodafone Group PLC	1.41	19.38	-23.00	Communication Svc
⊖ DBS Group Holdings Ltd	1.40	20.79	-	Financial Services

**Total Holdings 153**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard LifeStrategy Cnsvr Gr Inv VSCGX

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

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

## Portfolio Manager(s)

Management Team since 09-1994

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 25.52 years.

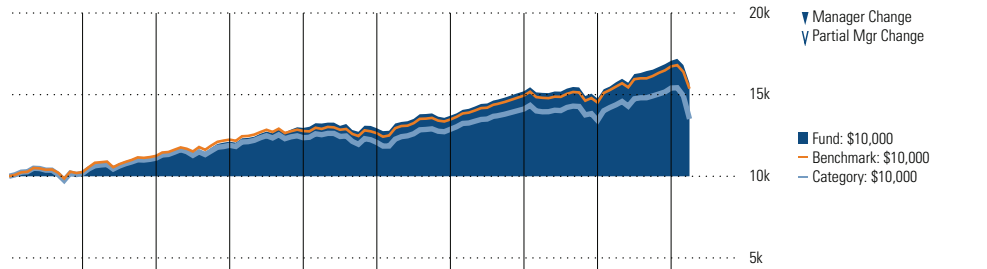
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

## Morningstar Investment Management LLC Analysis

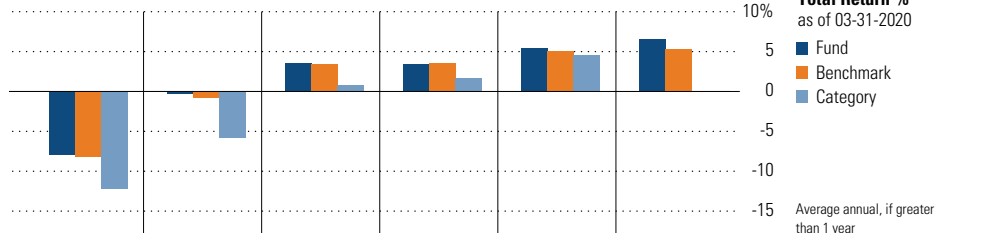
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Growth of \$10,000



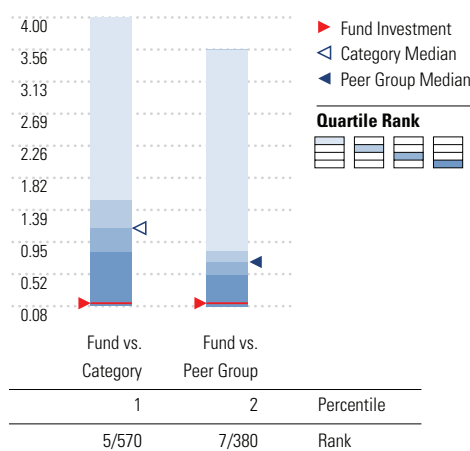
2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	Performance Quartile (Within Category)
1.76	9.19	9.08	6.95	-0.17	5.96	10.92	-2.95	15.68	-8.00	History
-0.84	-0.47	0.25	2.65	0.86	-0.70	0.06	-0.09	0.43	0.16	Total Return %
0.06	-0.21	1.85	2.93	2.15	-0.66	1.06	2.09	0.87	4.21	+/- Benchmark
48	57	33	9	12	54	30	14	36	17	+/- Category
294	325	360	378	417	473	506	544	559	568	Tot Ret % Rank in Cat
46	15	19	15	16	9	6	11	9	-	# of Funds in Cat
-	-	-	-	-	-	-	-	-	-	Turnover %
-	-	-	-	-	-	-	-	-	-	Expense Ratio

## Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	Total Return % as of 03-31-2020
-8.00	-0.30	3.59	3.49	5.39	6.52	Fund Return %
-8.16	-0.81	3.40	3.56	5.11	5.34	Benchmark Return %
-12.21	-5.78	0.86	1.63	4.55	-	Category Average %
17	15	7	7	17	-	% Rank in Category
568	561	519	428	271	-	# of Funds in Category

## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.17	-	-3.24
Beta	1.00	-	1.25
R-Squared	98.91	-	91.54
Standard Deviation	6.32	6.26	8.20
Sharpe Ratio	0.31	0.29	-0.04
Tracking Error	0.66	-	3.04
Information Ratio	0.28	-	-0.82
Up Capture Ratio	98.97	-	95.23
Down Capture Ratio	95.57	-	132.59

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	14.17	14.05	15.16
Price/Book Ratio	1.61	1.59	1.89
Avg Eff Duration	6.77	5.89	4.21

# Vanguard LifeStrategy Cnsvr Gr Inv VSCGX

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

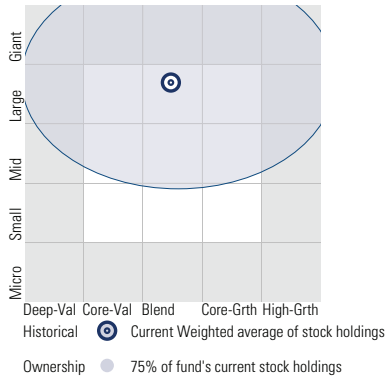
**Morningstar Index**

Morningstar Mod Con Tgt Risk TR USD

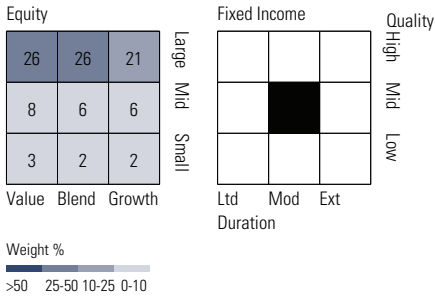
Equity

## Style Analysis as of 03-31-2020

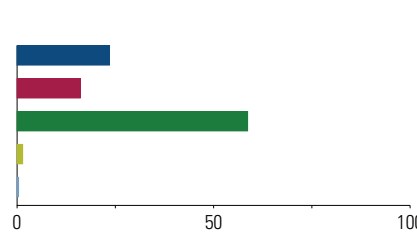
Morningstar Style Box™



## Style Breakdown

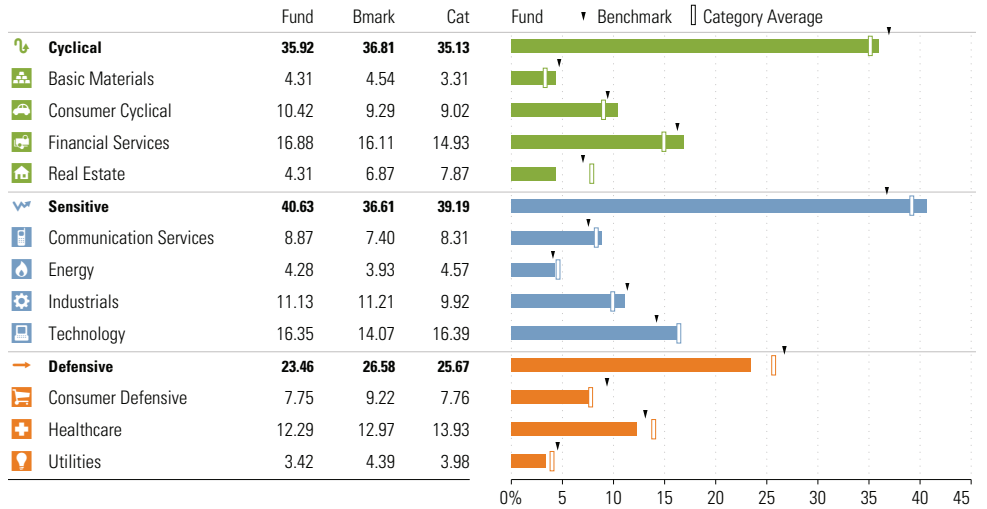


## Asset Allocation as of 03-31-2020



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

## Sector Weighting as of 03-31-2020



## Top 5 Holdings as of 03-31-2020

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

## Total Holdings 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard LifeStrategy Cnsvr Gr Inv VSCGX

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

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

## Portfolio Manager(s)

Management Team since 09-1994

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 25.52 years.

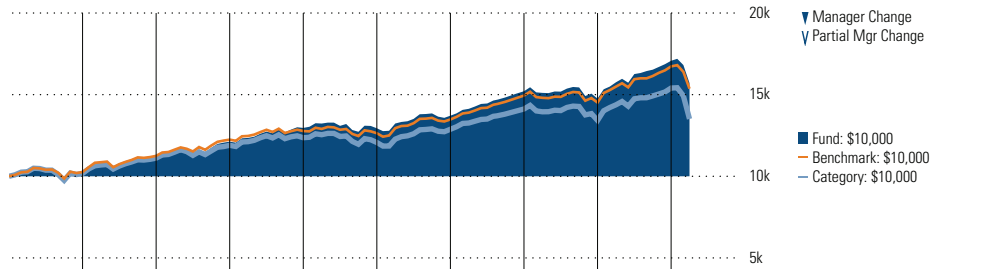
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

## Morningstar Investment Management LLC Analysis

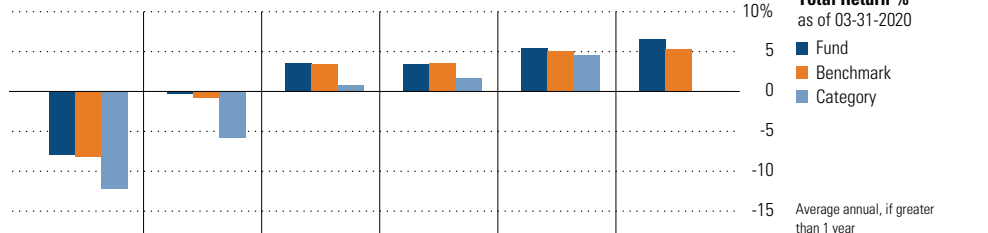
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## Growth of \$10,000



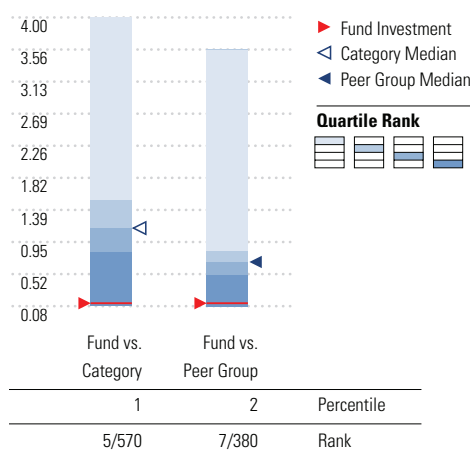
2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	Performance Quartile (Within Category)
1.76	9.19	9.08	6.95	-0.17	5.96	10.92	-2.95	15.68	-8.00	History
-0.84	-0.47	0.25	2.65	0.86	-0.70	0.06	-0.09	0.43	0.16	Total Return %
0.06	-0.21	1.85	2.93	2.15	-0.66	1.06	2.09	0.87	4.21	+/- Benchmark
48	57	33	9	12	54	30	14	36	17	+/- Category
294	325	360	378	417	473	506	544	559	568	Tot Ret % Rank in Cat
46	15	19	15	16	9	6	11	9	-	# of Funds in Cat
-	-	-	-	-	-	-	-	-	-	Turnover %
-	-	-	-	-	-	-	-	-	-	Expense Ratio

## Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	Total Return % as of 03-31-2020
-8.00	-0.30	3.59	3.49	5.39	6.52	Fund Return %
-8.16	-0.81	3.40	3.56	5.11	5.34	Benchmark Return %
-12.21	-5.78	0.86	1.63	4.55	-	Category Average %
17	15	7	7	17	-	% Rank in Category
568	561	519	428	271	-	# 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.

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	Fund	Bmark	Cat
Alpha	0.17	-	-3.24
Beta	1.00	-	1.25
R-Squared	98.91	-	91.54
Standard Deviation	6.32	6.26	8.20
Sharpe Ratio	0.31	0.29	-0.04
Tracking Error	0.66	-	3.04
Information Ratio	0.28	-	-0.82
Up Capture Ratio	98.97	-	95.23
Down Capture Ratio	95.57	-	132.59

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	14.17	14.05	15.16
Price/Book Ratio	1.61	1.59	1.89
Avg Eff Duration	6.77	5.89	4.21

# Vanguard LifeStrategy Cnsvr Gr Inv VSCGX

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

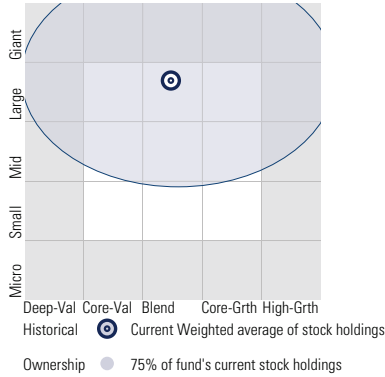
**Morningstar Index**

Morningstar Mod Con Tgt Risk TR USD

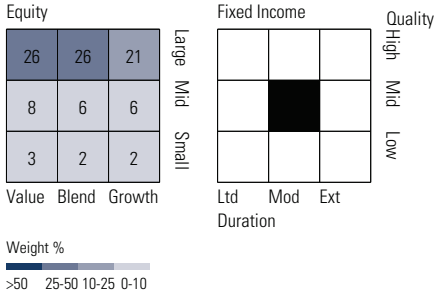
Equity

## Style Analysis as of 03-31-2020

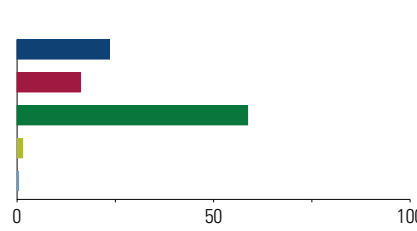
Morningstar Style Box™



## Style Breakdown

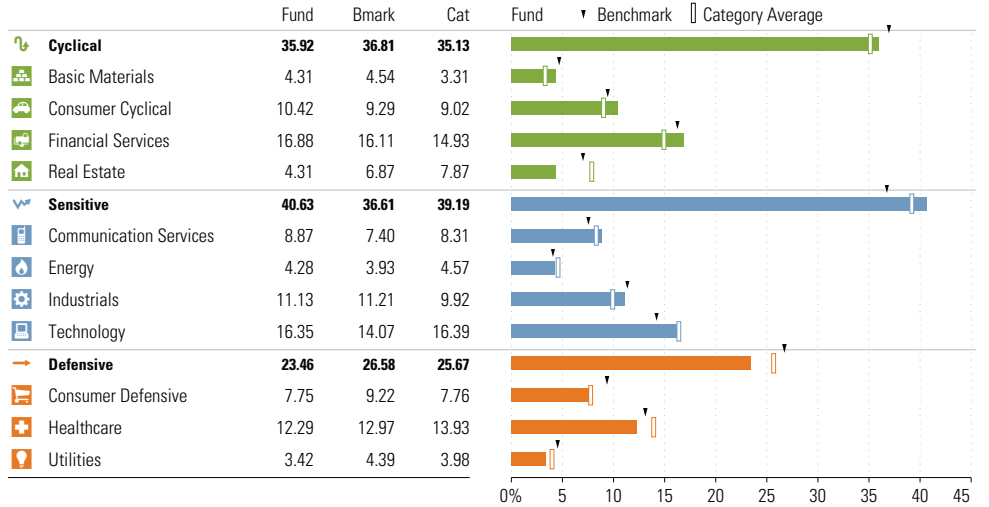


## Asset Allocation as of 03-31-2020



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

## Sector Weighting as of 03-31-2020



## Top 5 Holdings as of 03-31-2020

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

## Total Holdings 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard LifeStrategy Growth Inv VASGX

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

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

## Portfolio Manager(s)

Management Team since 09-1994

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 25.52 years.

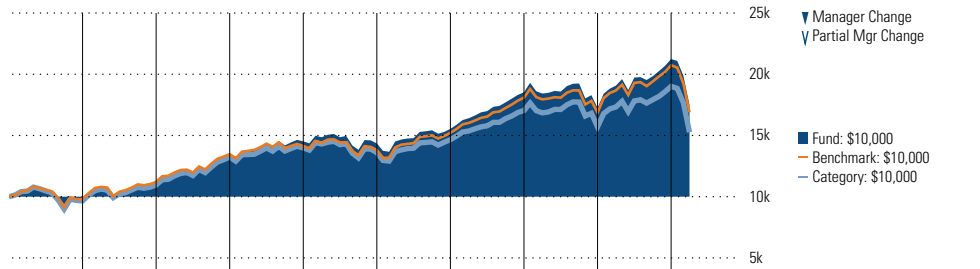
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.14 is 87.27% lower than the Allocation--70% to 85% Equity category average.

## Morningstar Investment Management LLC Analysis

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

## Growth of \$10,000



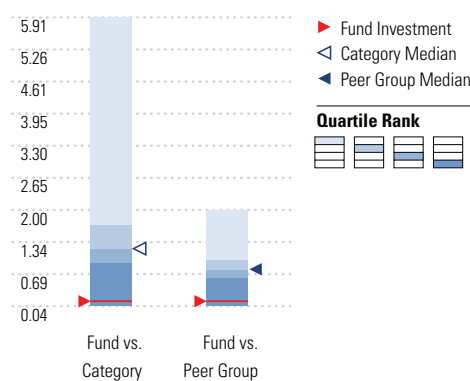
	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	Performance Quartile (Within Category)
											History
	-2.28	14.38	21.20	7.18	-1.17	8.33	19.21	-6.90	23.13	-17.60	Total Return %
	-0.35	0.05	1.02	2.21	1.23	-1.88	0.32	-0.16	0.18	0.99	+/- Benchmark
	1.52	0.96	-0.11	1.47	1.60	0.40	3.41	1.03	1.78	2.08	+/- Category
	34	37	53	20	30	34	20	34	32	30	Tot Ret % Rank in Cat
	198	219	244	255	272	293	302	325	332	339	# of Funds in Cat
	22	10	9	10	13	5	6	10	6	-	Turnover %
	-	-	-	-	-	-	-	-	-	-	Expense Ratio

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Total Return % as of 03-31-2020
	-17.60	-8.22	2.17	3.33	6.78	7.28	Fund Return %
	-18.59	-9.60	1.76	3.23	6.43	5.83	Benchmark Return %
	-19.68	-11.75	0.00	1.66	5.80	-	Category Average %
	30	23	23	18	20	-	% Rank in Category
	339	332	307	277	191	-	# of Funds in Category

## Net Expense



	Fund vs. Category	Fund vs. Peer Group	Percentile
	1	2	Rank
	4/337	4/232	Rank

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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.42	-	-1.57
Beta	0.99	-	1.02
R-Squared	99.65	-	95.54
Standard Deviation	12.24	12.37	13.00
Sharpe Ratio	0.09	0.06	-0.04
Tracking Error	0.74	-	2.88
Information Ratio	0.56	-	-0.51
Up Capture Ratio	100.32	-	94.01
Down Capture Ratio	97.60	-	104.45

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	14.18	13.87	15.20
Price/Book Ratio	1.61	1.55	1.83
Avg Eff Duration	6.75	6.01	4.95

# Vanguard LifeStrategy Growth Inv VASGX

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

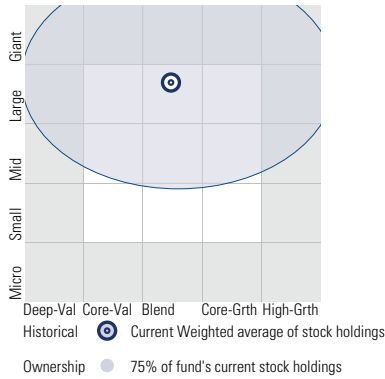
**Morningstar Index**

Morningstar Mod Agg Tgt Risk TR USD

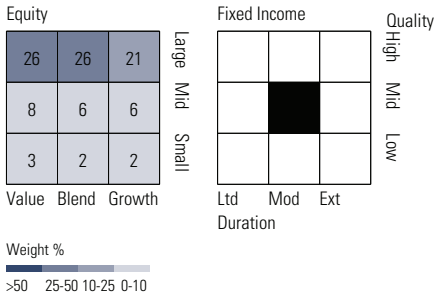
Equity

## Style Analysis as of 03-31-2020

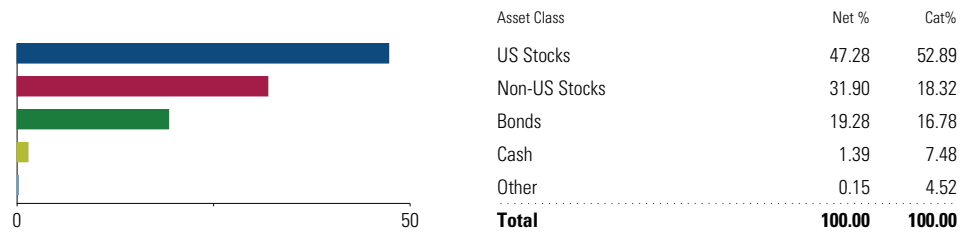
Morningstar Style Box™



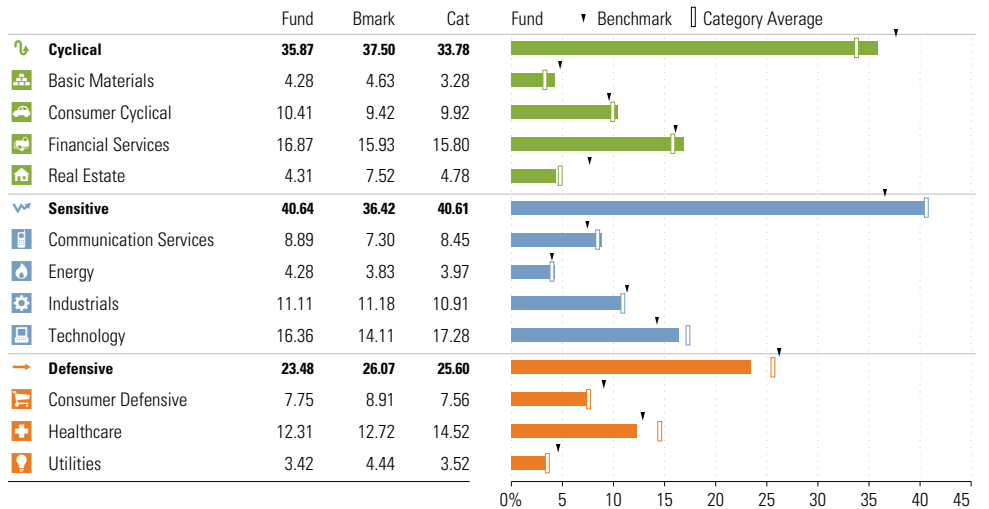
## Style Breakdown



## Asset Allocation as of 03-31-2020



## Sector Weighting as of 03-31-2020



## Top 5 Holdings as of 03-31-2020

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

## Total Holdings 5

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard LifeStrategy Growth Inv VASGX

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

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

## Portfolio Manager(s)

Management Team since 09-1994

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 25.52 years.

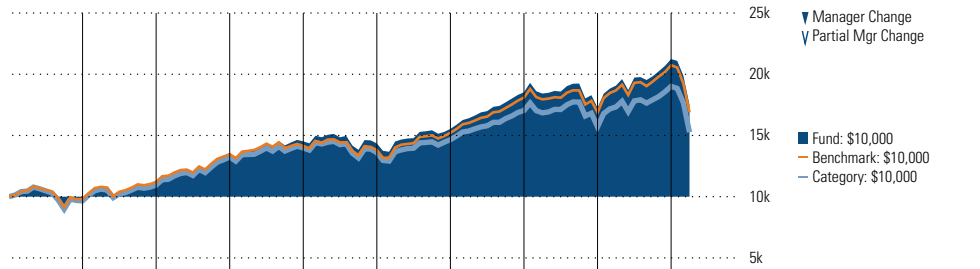
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.14 is 87.27% lower than the Allocation--70% to 85% Equity category average.

## Morningstar Investment Management LLC Analysis

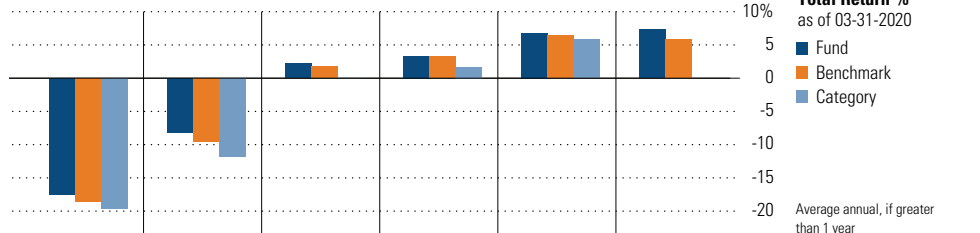
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Growth of \$10,000



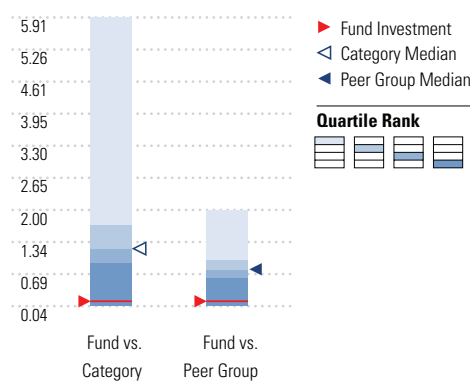
	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	Performance Quartile (Within Category)
											History
	-2.28	14.38	21.20	7.18	-1.17	8.33	19.21	-6.90	23.13	-17.60	Total Return %
	-0.35	0.05	1.02	2.21	1.23	-1.88	0.32	-0.16	0.18	0.99	+/- Benchmark
	1.52	0.96	-0.11	1.47	1.60	0.40	3.41	1.03	1.78	2.08	+/- Category
	34	37	53	20	30	34	20	34	32	30	Tot Ret % Rank in Cat
	198	219	244	255	272	293	302	325	332	339	# of Funds in Cat
	22	10	9	10	13	5	6	10	6	-	Turnover %
	-	-	-	-	-	-	-	-	-	-	Expense Ratio

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Total Return % as of 03-31-2020
	-17.60	-8.22	2.17	3.33	6.78	7.28	Fund Return %
	-18.59	-9.60	1.76	3.23	6.43	5.83	Benchmark Return %
	-19.68	-11.75	0.00	1.66	5.80	-	Category Average %
	30	23	23	18	20	-	% Rank in Category
	339	332	307	277	191	-	# of Funds in Category

## Net Expense



	Fund vs. Category	Fund vs. Peer Group	Percentile
	1	2	Rank
	4/337	4/232	Rank

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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.42	-	-1.57
Beta	0.99	-	1.02
R-Squared	99.65	-	95.54
Standard Deviation	12.24	12.37	13.00
Sharpe Ratio	0.09	0.06	-0.04
Tracking Error	0.74	-	2.88
Information Ratio	0.56	-	-0.51
Up Capture Ratio	100.32	-	94.01
Down Capture Ratio	97.60	-	104.45

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	14.18	13.87	15.20
Price/Book Ratio	1.61	1.55	1.83
Avg Eff Duration	6.75	6.01	4.95

# Vanguard LifeStrategy Growth Inv VASGX

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

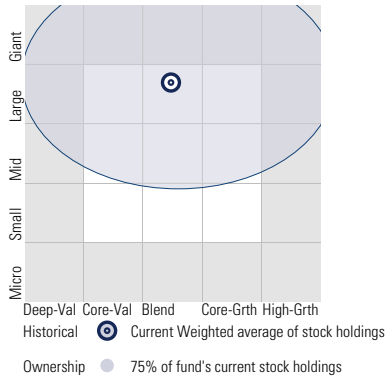
**Morningstar Index**

Morningstar Mod Agg Tgt Risk TR USD

Equity

## Style Analysis as of 03-31-2020

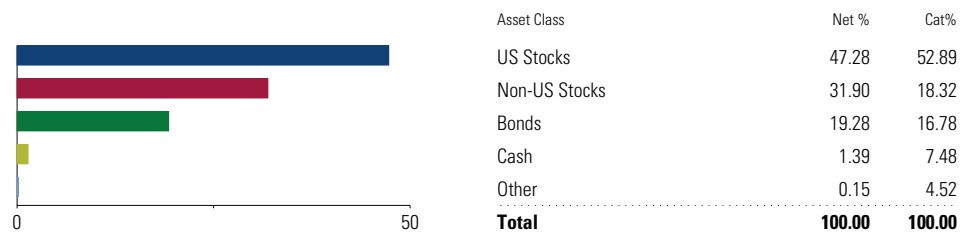
Morningstar Style Box™



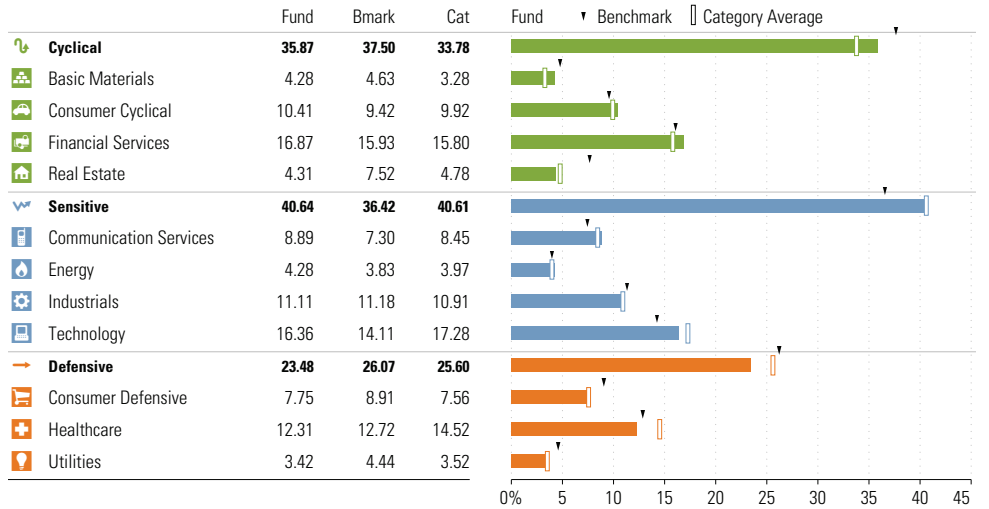
## Style Breakdown



## Asset Allocation as of 03-31-2020



## Sector Weighting as of 03-31-2020



## Top 5 Holdings as of 03-31-2020

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

## Total Holdings 5

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard LifeStrategy Income Inv VASIX

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

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

## Portfolio Manager(s)

Management Team since 09-1994

## Quantitative Screens

✔ **Performance:** The fund has finished in the Allocation--15% to 30% Equity category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 25.52 years.

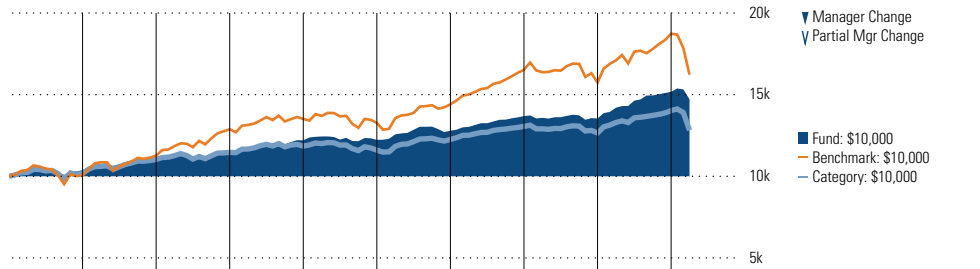
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.11 is 89% lower than the Allocation--15% to 30% Equity category average.

## Morningstar Investment Management LLC Analysis

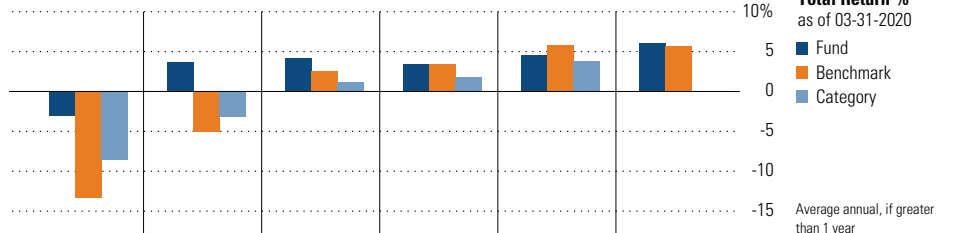
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Growth of \$10,000



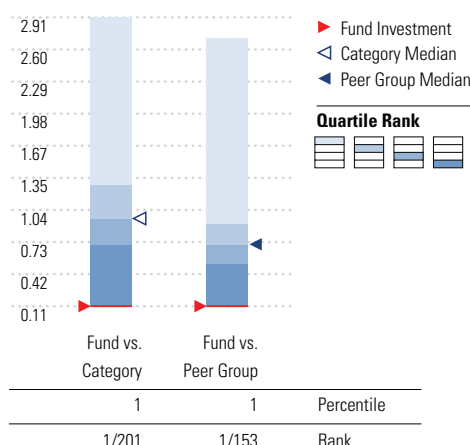
	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	History
Performance Quartile (Within Category)	III	III	III	III	III	III	III	III	III	III	History
Total Return %	3.77	6.54	3.40	6.76	0.22	4.58	6.98	-1.05	12.05	-3.01	Total Return %
+/- Benchmark	3.18	-5.50	-10.91	1.87	2.01	-3.99	-7.68	3.71	-6.98	10.37	+/- Benchmark
+/- Category	1.76	-1.81	-0.62	3.22	2.29	-0.97	0.73	2.09	0.85	5.57	+/- Category
Tot Ret % Rank in Cat	15	78	68	4	8	65	49	11	35	11	Tot Ret % Rank in Cat
# of Funds in Cat	100	120	137	142	156	168	181	190	198	202	# of Funds in Cat
Turnover %	43	8	25	12	14	4	4	9	6	-	Turnover %
Expense Ratio	-	-	-	-	-	-	-	-	-	-	Expense Ratio

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	
Fund Return %	-3.01	3.63	4.15	3.42	4.59	6.05	Fund Return %
Benchmark Return %	-13.38	-5.13	2.62	3.44	5.85	5.71	Benchmark Return %
Category Average %	-8.58	-3.24	1.20	1.78	3.88	-	Category Average %
% Rank in Category	11	7	4	5	25	-	% Rank in Category
# of Funds in Category	202	198	183	157	91	-	# 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	3.10	-	-0.30
Beta	0.35	-	0.57
R-Squared	68.93	-	80.67
Standard Deviation	3.85	9.21	5.87
Sharpe Ratio	0.63	0.14	0.02
Tracking Error	6.38	-	4.97
Information Ratio	0.24	-	-0.30
Up Capture Ratio	44.34	-	47.59
Down Capture Ratio	16.06	-	48.15

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	14.21	13.16	14.13
Price/Book Ratio	1.62	1.44	1.59
Avg Eff Duration	6.78	5.98	4.50

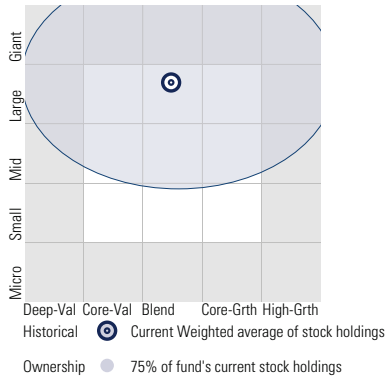
# Vanguard LifeStrategy Income Inv VASIX

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

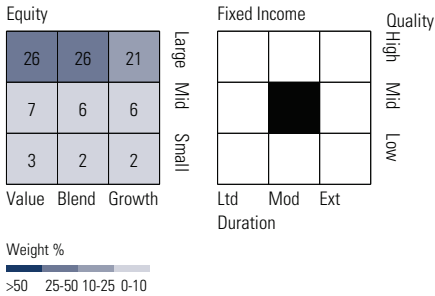
**Morningstar Index**  
Morningstar Mod Tgt Risk TR USD

## Style Analysis as of 03-31-2020

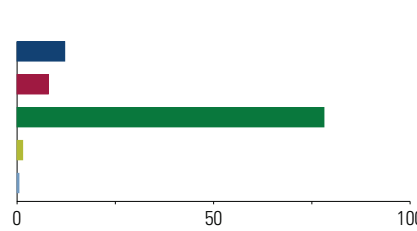
Morningstar Style Box™



## Style Breakdown

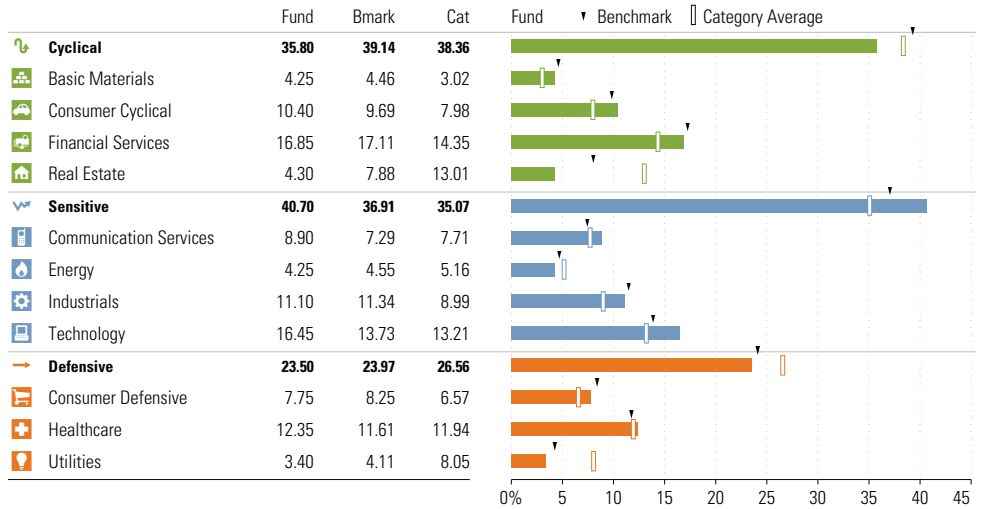


## Asset Allocation as of 03-31-2020



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

## Sector Weighting as of 03-31-2020



## Top 5 Holdings as of 03-31-2020

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

## Total Holdings 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard LifeStrategy Income Inv VASIX

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

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

## Portfolio Manager(s)

Management Team since 09-1994

## Quantitative Screens

✔ **Performance:** The fund has finished in the Allocation--15% to 30% Equity category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 25.52 years.

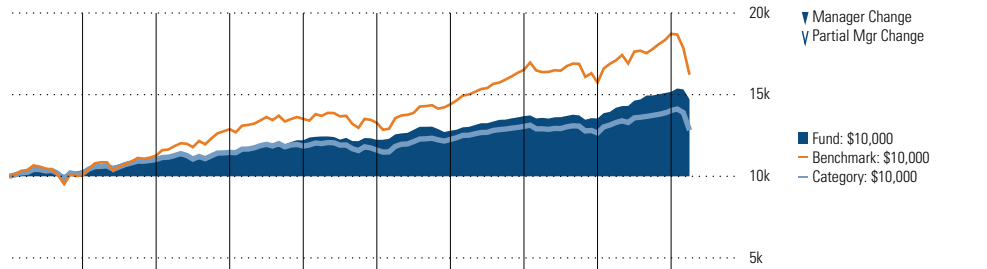
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.11 is 89% lower than the Allocation--15% to 30% Equity category average.

## Morningstar Investment Management LLC Analysis

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

## Growth of \$10,000



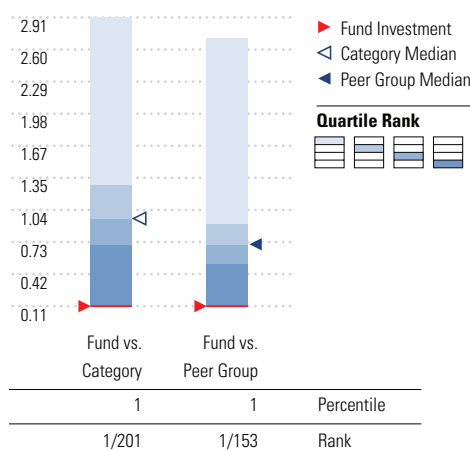
	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	History
Performance Quartile (Within Category)	III	III	III	III	III	III	III	III	III	III	History
Total Return %	3.77	6.54	3.40	6.76	0.22	4.58	6.98	-1.05	12.05	-3.01	Total Return %
+/- Benchmark	3.18	-5.50	-10.91	1.87	2.01	-3.99	-7.68	3.71	-6.98	10.37	+/- Benchmark
+/- Category	1.76	-1.81	-0.62	3.22	2.29	-0.97	0.73	2.09	0.85	5.57	+/- Category
Tot Ret % Rank in Cat	15	78	68	4	8	65	49	11	35	11	Tot Ret % Rank in Cat
# of Funds in Cat	100	120	137	142	156	168	181	190	198	202	# of Funds in Cat
Turnover %	43	8	25	12	14	4	4	9	6	-	Turnover %
Expense Ratio	-	-	-	-	-	-	-	-	-	-	Expense Ratio

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Total Return % as of 03-31-2020
Fund Return %	-3.01	3.63	4.15	3.42	4.59	6.05	Fund Return %
Benchmark Return %	-13.38	-5.13	2.62	3.44	5.85	5.71	Benchmark Return %
Category Average %	-8.58	-3.24	1.20	1.78	3.88	-	Category Average %
% Rank in Category	11	7	4	5	25	-	% Rank in Category
# of Funds in Category	202	198	183	157	91	-	# 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	3.10	-	-0.30
Beta	0.35	-	0.57
R-Squared	68.93	-	80.67
Standard Deviation	3.85	9.21	5.87
Sharpe Ratio	0.63	0.14	0.02
Tracking Error	6.38	-	4.97
Information Ratio	0.24	-	-0.30
Up Capture Ratio	44.34	-	47.59
Down Capture Ratio	16.06	-	48.15

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	14.21	13.16	14.13
Price/Book Ratio	1.62	1.44	1.59
Avg Eff Duration	6.78	5.98	4.50

# Vanguard LifeStrategy Income Inv VASIX

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

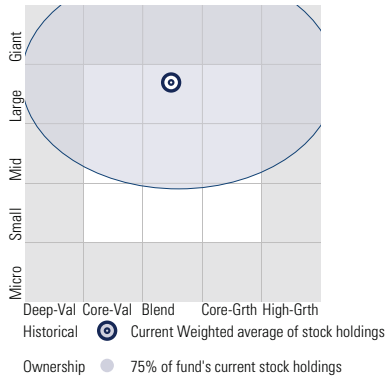
**Morningstar Index**

Morningstar Mod Tgt Risk TR USD

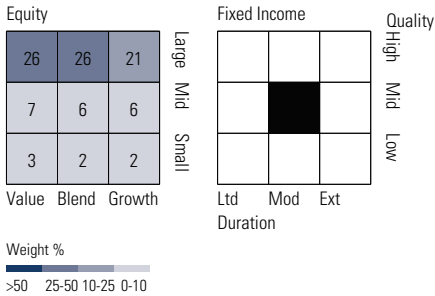
Equity

## Style Analysis as of 03-31-2020

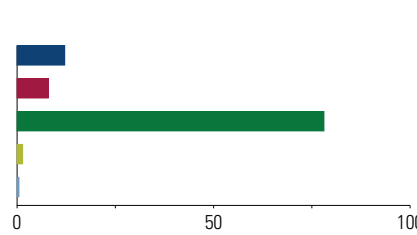
Morningstar Style Box™



## Style Breakdown

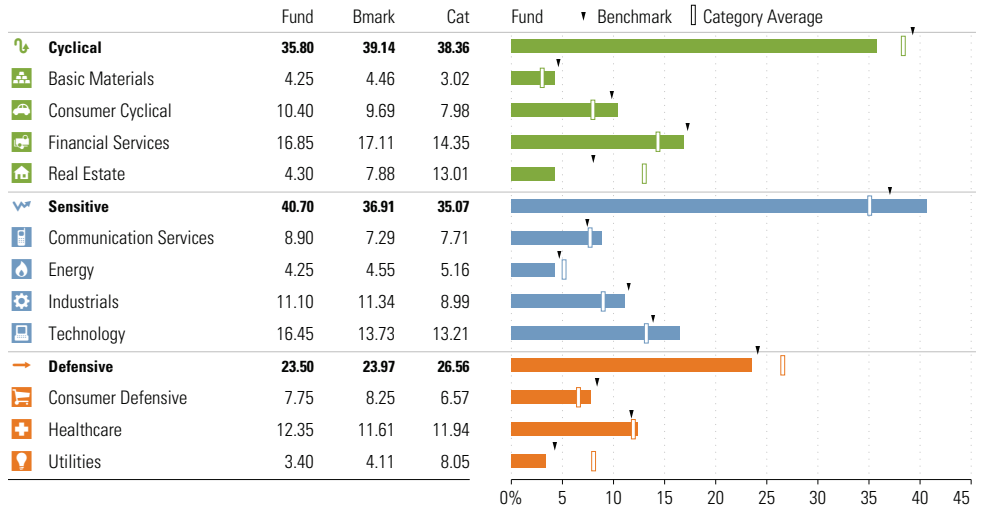


## Asset Allocation as of 03-31-2020



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

## Sector Weighting as of 03-31-2020



## Top 5 Holdings as of 03-31-2020

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

## Total Holdings 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard LifeStrategy Moderate Gr Inv VSMGX

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

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

## Portfolio Manager(s)

Management Team since 09-1994

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 25.52 years.

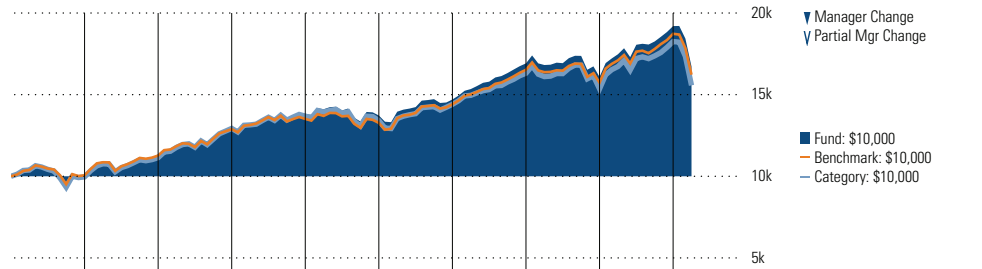
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.13 is 87.74% lower than the Allocation--50% to 70% Equity category average.

## Morningstar Investment Management LLC Analysis

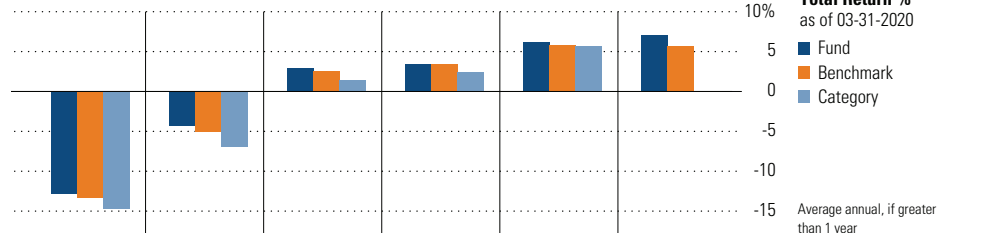
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Growth of \$10,000



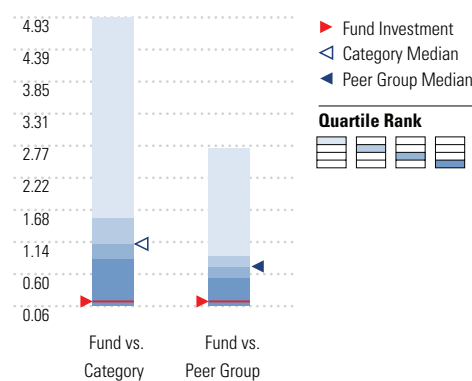
	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	Performance Quartile (Within Category)
	32	15	15	12	16	9	6	12	9	—	History
	—	—	—	—	—	—	—	—	—	—	Total Return %
	0.26	11.76	15.04	7.07	-0.57	7.13	15.04	-4.91	19.37	-12.89	+/- Benchmark
	-0.33	-0.28	0.73	2.18	1.22	-1.44	0.38	-0.15	0.34	0.49	+/- Category
	0.37	0.04	-1.44	0.86	1.36	-0.21	1.83	0.85	0.14	1.85	Tot Ret % Rank in Cat
	45	56	68	38	32	42	26	39	53	32	# of Funds in Cat
	431	457	522	536	560	611	632	675	685	711	Turnover %
	32	15	15	12	16	9	6	12	9	—	Expense Ratio

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Total Return % as of 03-31-2020
	-12.89	-4.28	2.92	3.46	6.20	7.04	Fund Return %
	-13.38	-5.13	2.62	3.44	5.85	5.71	Benchmark Return %
	-14.74	-7.01	1.48	2.40	5.75	—	Category Average %
	32	30	31	30	39	—	% Rank in Category
	712	689	641	562	413	—	# of Funds in Category

## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.29	—	-1.13
Beta	1.00	—	1.09
R-Squared	99.47	—	94.70
Standard Deviation	9.23	9.21	10.29
Sharpe Ratio	0.17	0.14	0.06
Tracking Error	0.67	—	2.66
Information Ratio	0.45	—	-0.31
Up Capture Ratio	100.33	—	101.57
Down Capture Ratio	97.58	—	111.52

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	14.18	13.16	15.12
Price/Book Ratio	1.61	1.44	1.93
Avg Eff Duration	6.77	5.98	4.62

# Vanguard LifeStrategy Moderate Gr Inv VSMGX

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

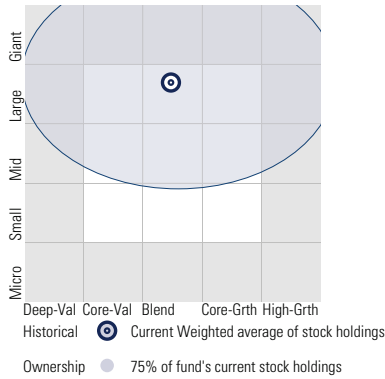
**Morningstar Index**

Morningstar Mod Tgt Risk TR USD

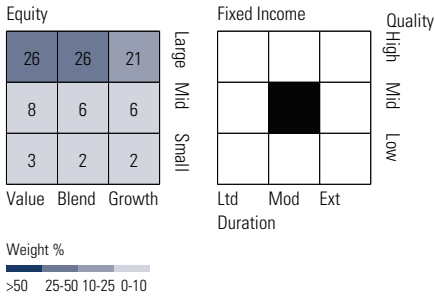
Equity

## Style Analysis as of 03-31-2020

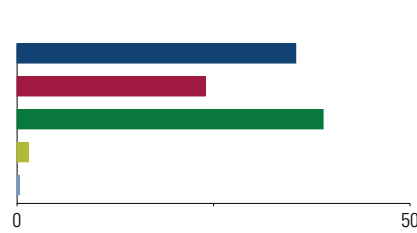
Morningstar Style Box™



## Style Breakdown

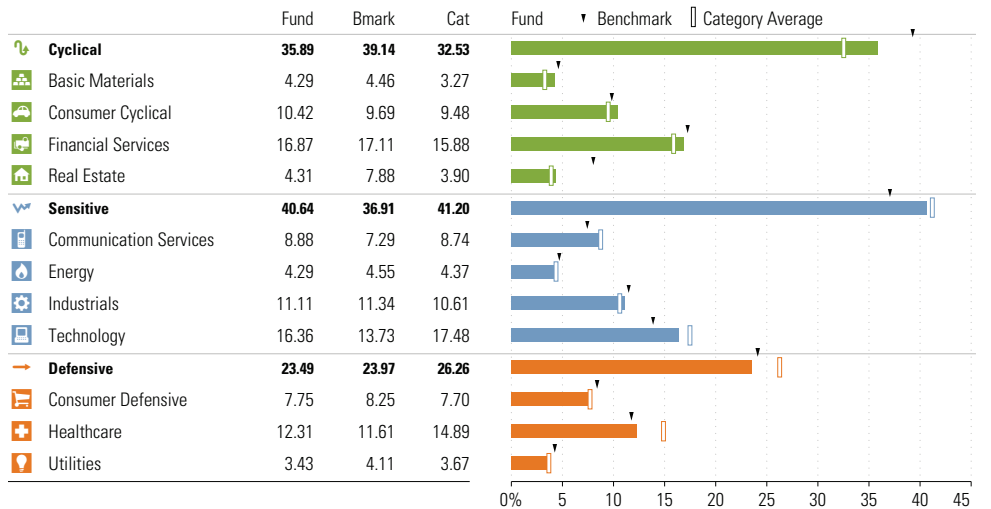


## Asset Allocation as of 03-31-2020



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

## Sector Weighting as of 03-31-2020



## Top 5 Holdings as of 03-31-2020

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

## Total Holdings 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard LifeStrategy Moderate Gr Inv VSMGX

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

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

## Portfolio Manager(s)

Management Team since 09-1994

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 25.52 years.

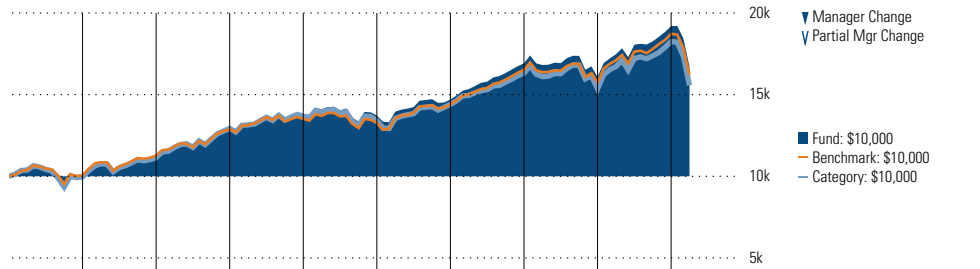
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.13 is 87.74% lower than the Allocation--50% to 70% Equity category average.

## Morningstar Investment Management LLC Analysis

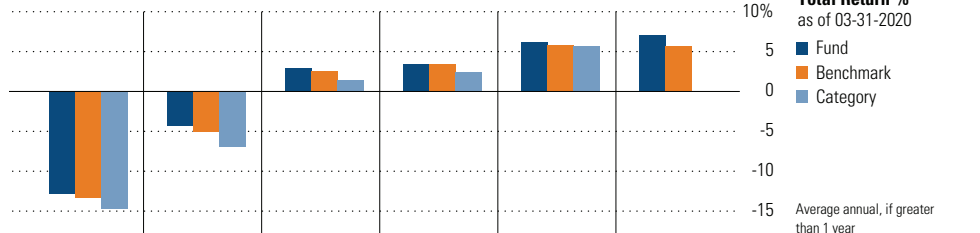
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Growth of \$10,000



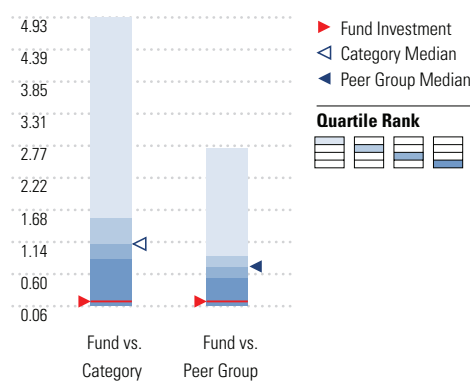
	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	Performance Quartile (Within Category)
	32	15	15	12	16	9	6	12	9	-	History
	0.26	11.76	15.04	7.07	-0.57	7.13	15.04	-4.91	19.37	-12.89	Total Return %
	-0.33	-0.28	0.73	2.18	1.22	-1.44	0.38	-0.15	0.34	0.49	+/- Benchmark
	0.37	0.04	-1.44	0.86	1.36	-0.21	1.83	0.85	0.14	1.85	+/- Category
	45	56	68	38	32	42	26	39	53	32	Tot Ret % Rank in Cat
	431	457	522	536	560	611	632	675	685	711	# of Funds in Cat
	32	15	15	12	16	9	6	12	9	-	Turnover %
	-	-	-	-	-	-	-	-	-	-	Expense Ratio

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Total Return % as of 03-31-2020
	-12.89	-4.28	2.92	3.46	6.20	7.04	Fund Return %
	-13.38	-5.13	2.62	3.44	5.85	5.71	Benchmark Return %
	-14.74	-7.01	1.48	2.40	5.75	-	Category Average %
	32	30	31	30	39	-	% Rank in Category
	712	689	641	562	413	-	# of Funds in Category

## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.29	-	-1.13
Beta	1.00	-	1.09
R-Squared	99.47	-	94.70
Standard Deviation	9.23	9.21	10.29
Sharpe Ratio	0.17	0.14	0.06
Tracking Error	0.67	-	2.66
Information Ratio	0.45	-	-0.31
Up Capture Ratio	100.33	-	101.57
Down Capture Ratio	97.58	-	111.52

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	14.18	13.16	15.12
Price/Book Ratio	1.61	1.44	1.93
Avg Eff Duration	6.77	5.98	4.62

# Vanguard LifeStrategy Moderate Gr Inv VSMGX

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

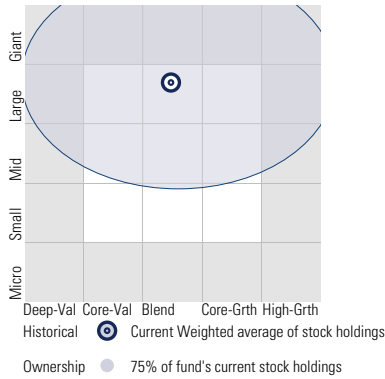
**Morningstar Index**

Morningstar Mod Tgt Risk TR USD

Equity

## Style Analysis as of 03-31-2020

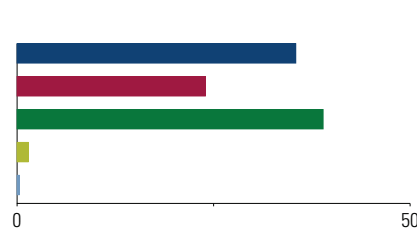
Morningstar Style Box™



## Style Breakdown

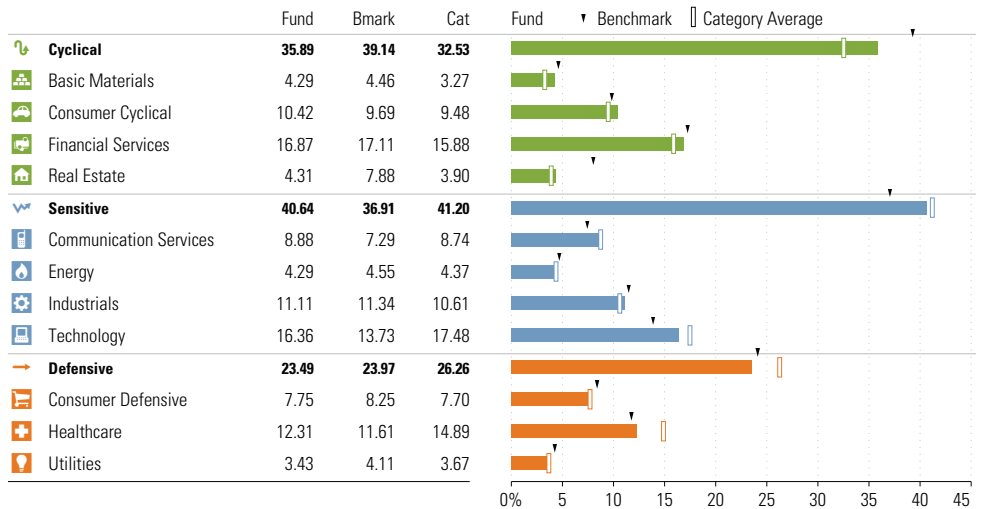


## Asset Allocation as of 03-31-2020



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

## Sector Weighting as of 03-31-2020



## Top 5 Holdings as of 03-31-2020

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

## Total Holdings 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Mid-Cap Value Index Admiral VMVAX

**Morningstar Category**  
Mid-Cap Value

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 13.63 years.

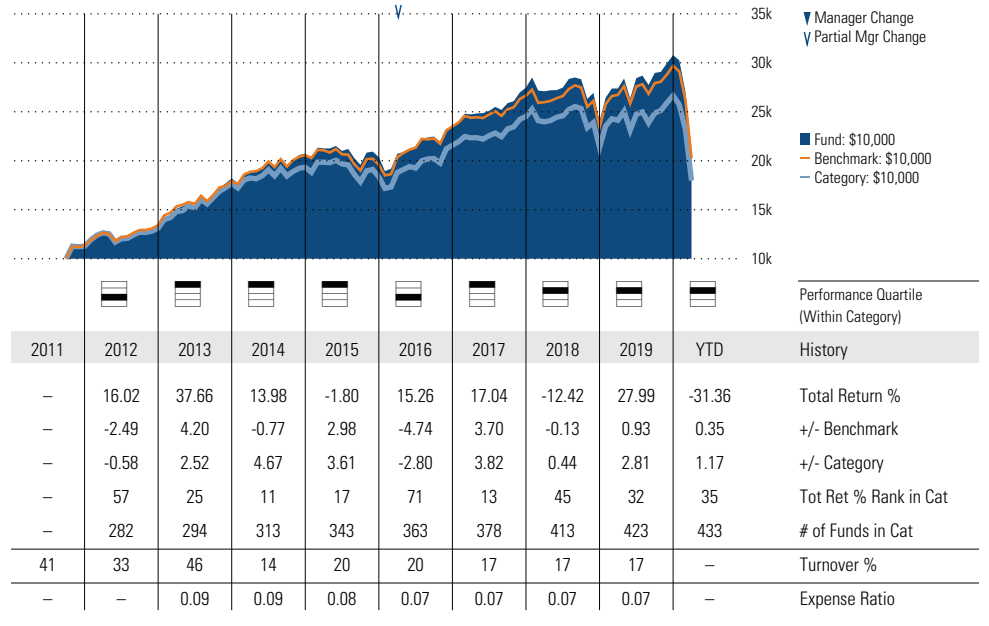
✔ **Style:** The fund has landed in its primary style box — Mid-Cap Value — 100 % of the time over the past three years.

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

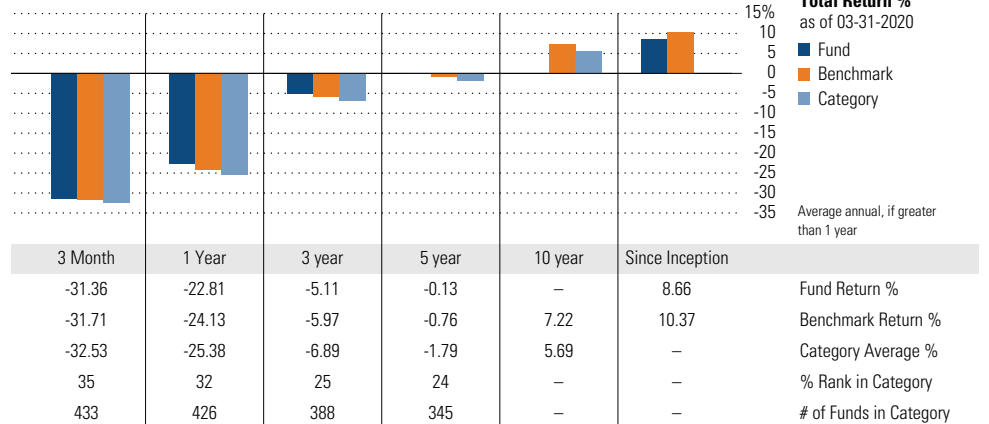
## Morningstar Investment Management LLC Analysis

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

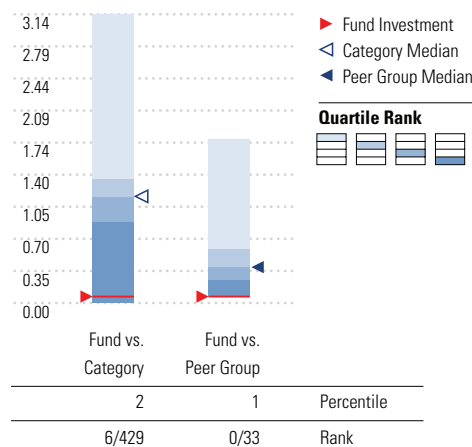
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.92	-	-0.80
Beta	1.00	-	1.03
R-Squared	99.12	-	96.23
Standard Deviation	19.63	19.52	20.44
Sharpe Ratio	-0.25	-0.30	-0.32
Tracking Error	1.85	-	4.29
Information Ratio	0.46	-	-0.17
Up Capture Ratio	102.36	-	102.10
Down Capture Ratio	98.19	-	105.84

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	14.66	12.39	10.28
Price/Book Ratio	1.73	1.34	1.11
Geom Avg Mkt Cap \$B	13.50	9.66	7.95
ROE	14.64	11.68	13.03

# Vanguard Mid-Cap Value Index Admiral VMVAX

Morningstar Category

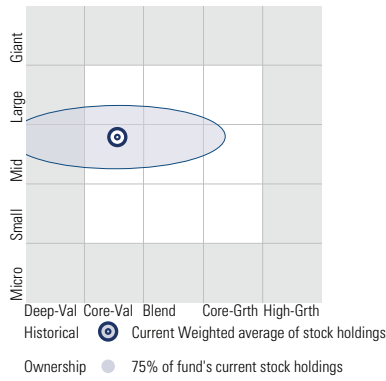
Mid-Cap Value

Morningstar Index

Russell Mid Cap Value TR USD

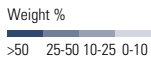
## Style Analysis as of 03-31-2020

Morningstar Style Box™

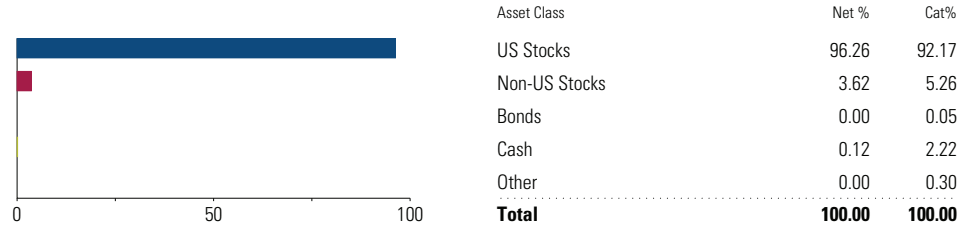


## Style Breakdown

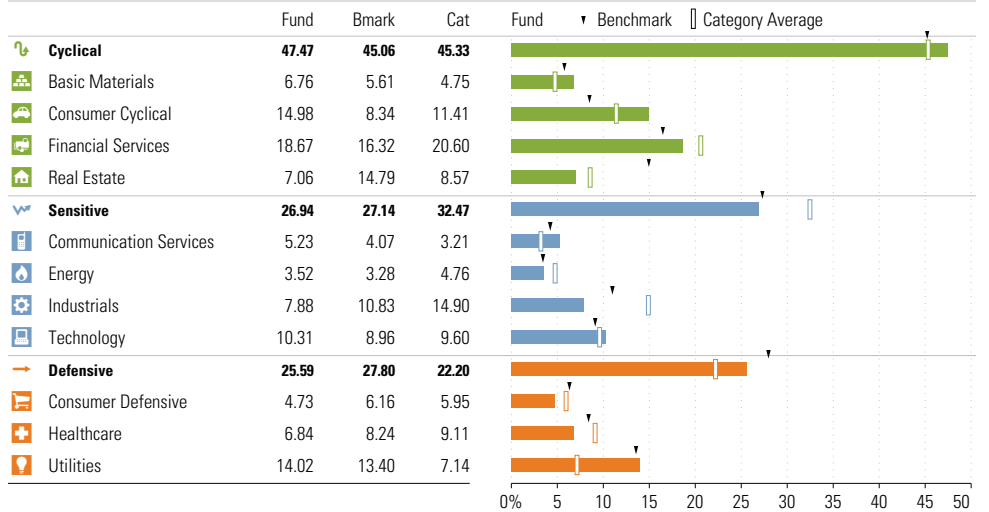
Equity			Large Mid Small
Value	Blend	Growth	
7	13	1	Large
46	30	4	Mid
0	0	0	Small



## Asset Allocation as of 03-31-2020



## Sector Weighting as of 03-31-2020



## Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Newmont Corp	1.87	1.87	4.53	Basic Materials
⊖ WEC Energy Group Inc	1.49	3.36	-3.76	Utilities
⊖ Motorola Solutions Inc	1.45	4.81	-17.12	Technology
⊖ Eversource Energy	1.43	6.25	-7.40	Utilities
⊖ Willis Towers Watson PLC	1.25	7.49	-15.55	Financial Services
⊖ FirstEnergy Corp	1.23	8.72	-16.75	Utilities
⊖ Entergy Corp	1.19	9.92	-20.78	Utilities
⊖ American Water Works Co Inc	1.14	11.06	-2.27	Utilities
⊖ DTE Energy Co	1.09	12.15	-26.09	Utilities
⊖ Clorox Co	1.02	13.18	13.53	Consumer Defensive
⊖ Ameren Corp	0.99	14.17	-4.52	Utilities
⊖ D.R. Horton Inc	0.95	15.13	-35.21	Consumer Cyclical
⊖ Liberty Broadband Corp C	0.93	16.06	-11.95	Communication Svc
⊖ The Hartford Financial Services Group Inc	0.92	16.98	-41.48	Financial Services
⊖ Keysight Technologies Inc	0.91	17.89	-18.46	Technology

**Total Holdings 201**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Mid-Cap Value Index Admiral VMVAX

**Morningstar Category**  
Mid-Cap Value

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

**Management:** The fund's management has been in place for 13.63 years.

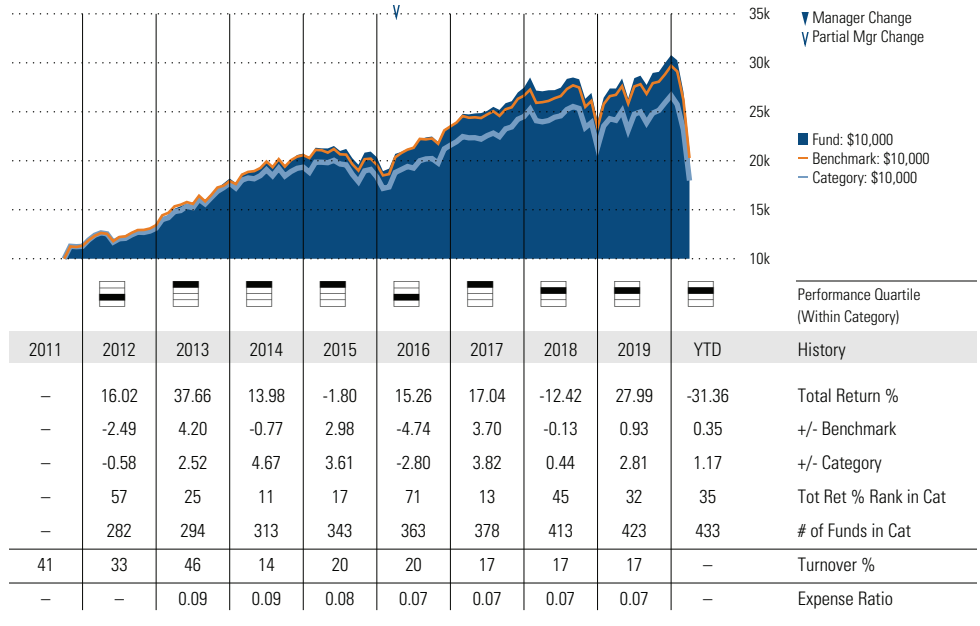
**Style:** The fund has landed in its primary style box — Mid-Cap Value — 100 % of the time over the past three years.

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

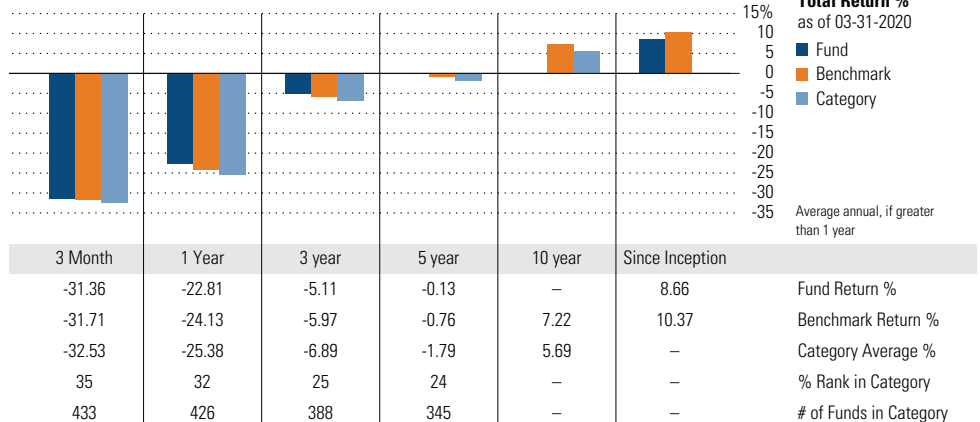
## Morningstar Investment Management LLC Analysis

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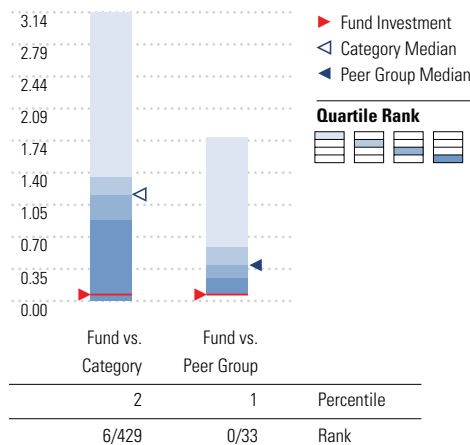
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.92	-	-0.80
Beta	1.00	-	1.03
R-Squared	99.12	-	96.23
Standard Deviation	19.63	19.52	20.44
Sharpe Ratio	-0.25	-0.30	-0.32
Tracking Error	1.85	-	4.29
Information Ratio	0.46	-	-0.17
Up Capture Ratio	102.36	-	102.10
Down Capture Ratio	98.19	-	105.84

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	14.66	12.39	10.28
Price/Book Ratio	1.73	1.34	1.11
Geom Avg Mkt Cap \$B	13.50	9.66	7.95
ROE	14.64	11.68	13.03

# Vanguard Mid-Cap Value Index Admiral VMVAX

Morningstar Category

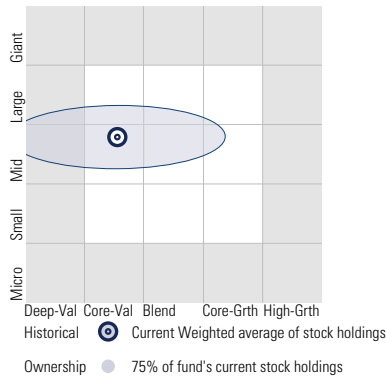
Mid-Cap Value

Morningstar Index

Russell Mid Cap Value TR USD

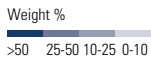
## Style Analysis as of 03-31-2020

Morningstar Style Box™

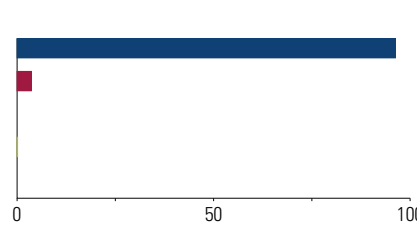


## Style Breakdown

Equity			Large Mid Small
Value	Blend	Growth	
7	13	1	Large
46	30	4	Mid
0	0	0	Small



## Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	96.26	92.17
Non-US Stocks	3.62	5.26
Bonds	0.00	0.05
Cash	0.12	2.22
Other	0.00	0.30
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>47.47</b>	<b>45.06</b>	<b>45.33</b>			
Basic Materials	6.76	5.61	4.75			
Consumer Cyclical	14.98	8.34	11.41			
Financial Services	18.67	16.32	20.60			
Real Estate	7.06	14.79	8.57			
<b>Sensitive</b>	<b>26.94</b>	<b>27.14</b>	<b>32.47</b>			
Communication Services	5.23	4.07	3.21			
Energy	3.52	3.28	4.76			
Industrials	7.88	10.83	14.90			
Technology	10.31	8.96	9.60			
<b>Defensive</b>	<b>25.59</b>	<b>27.80</b>	<b>22.20</b>			
Consumer Defensive	4.73	6.16	5.95			
Healthcare	6.84	8.24	9.11			
Utilities	14.02	13.40	7.14			

## Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Newmont Corp	1.87	1.87	4.53	Basic Materials
⊖ WEC Energy Group Inc	1.49	3.36	-3.76	Utilities
⊖ Motorola Solutions Inc	1.45	4.81	-17.12	Technology
⊖ Eversource Energy	1.43	6.25	-7.40	Utilities
⊖ Willis Towers Watson PLC	1.25	7.49	-15.55	Financial Services
⊖ FirstEnergy Corp	1.23	8.72	-16.75	Utilities
⊖ Entergy Corp	1.19	9.92	-20.78	Utilities
⊖ American Water Works Co Inc	1.14	11.06	-2.27	Utilities
⊖ DTE Energy Co	1.09	12.15	-26.09	Utilities
⊖ Clorox Co	1.02	13.18	13.53	Consumer Defensive
⊖ Ameren Corp	0.99	14.17	-4.52	Utilities
⊖ D.R. Horton Inc	0.95	15.13	-35.21	Consumer Cyclical
⊖ Liberty Broadband Corp C	0.93	16.06	-11.95	Communication Svc
⊖ The Hartford Financial Services Group Inc	0.92	16.98	-41.48	Financial Services
⊖ Keysight Technologies Inc	0.91	17.89	-18.46	Technology

Total Holdings 201

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Real Estate Index Admiral VGSLX

**Morningstar Category**  
Real Estate

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

## Portfolio Manager(s)

Gerard O'Reilly since 05-1996

Walter Nejman since 05-2016

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 23.9 years.

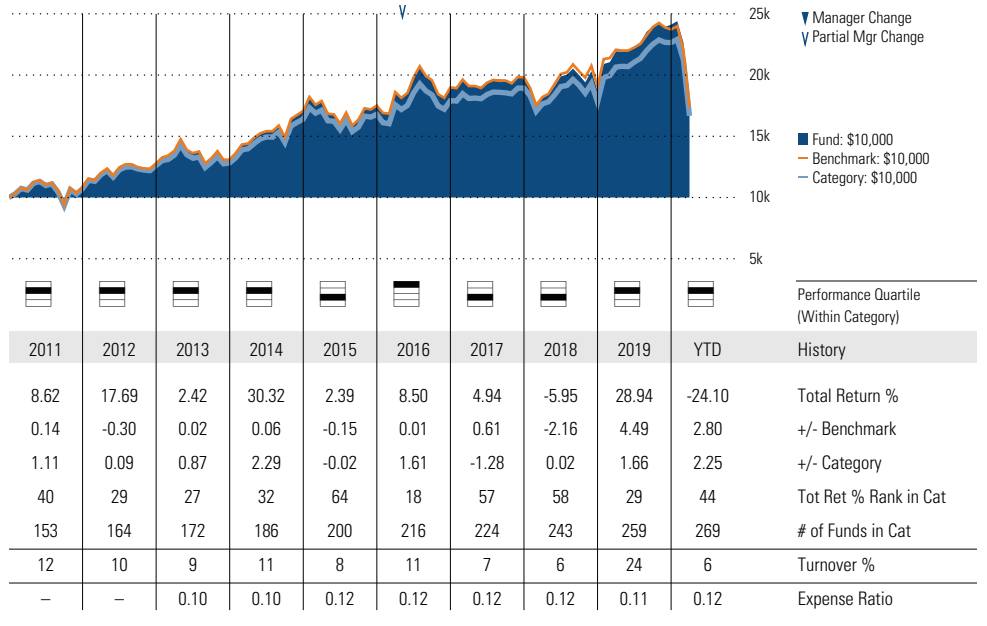
✔ **Style:** The fund has landed in its primary style box — Mid-Cap Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.12 is 89.29% lower than the Real Estate category average.

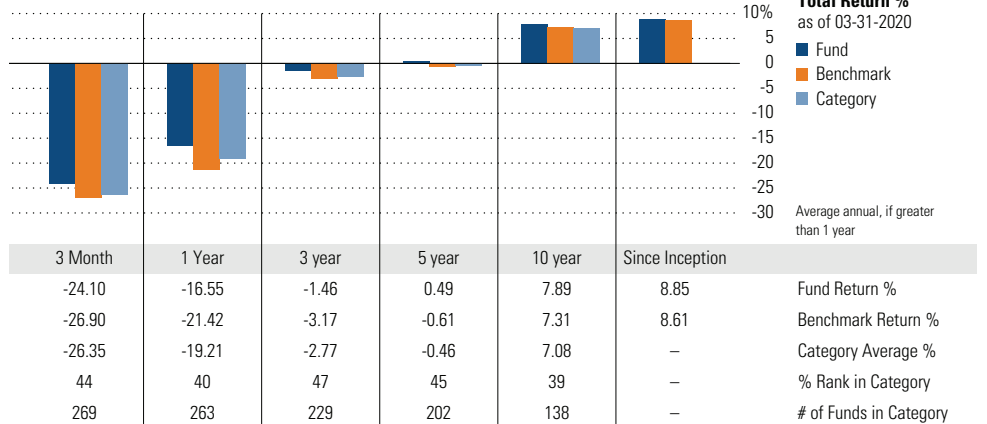
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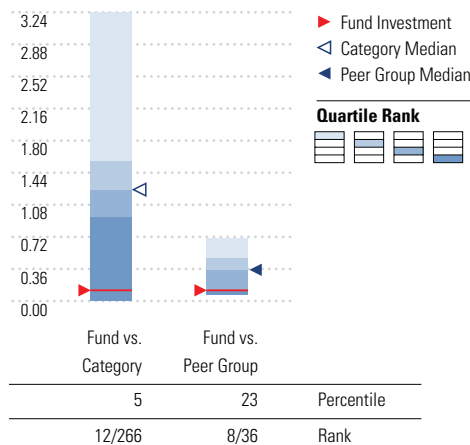
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.42	-	0.98
Beta	0.94	-	0.92
R-Squared	98.98	-	94.50
Standard Deviation	17.06	18.14	17.28
Sharpe Ratio	-0.10	-0.18	-0.11
Tracking Error	2.09	-	4.30
Information Ratio	0.82	-	0.34
Up Capture Ratio	98.44	-	91.99
Down Capture Ratio	90.66	-	87.89

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	24.06	38.46	22.03
Price/Book Ratio	2.01	2.42	1.66
Geom Avg Mkt Cap \$B	14.69	9.35	14.81
ROE	12.69	9.56	11.73

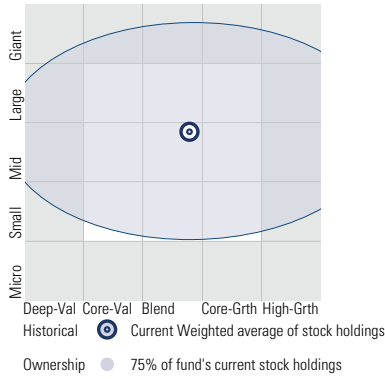
# Vanguard Real Estate Index Admiral VGSLX

**Morningstar Category**  
Real Estate

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

## Style Analysis as of 03-31-2020

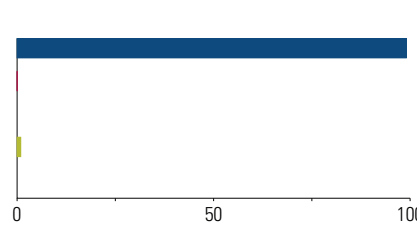
Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	99.03	87.30
Non-US Stocks	0.04	0.76
Bonds	0.00	3.63
Cash	0.92	1.75
Other	0.00	6.57
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2020

	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			

## Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Real Estate II Index	11.35	11.35	-	-
⊖ American Tower Corp	8.76	20.11	-5.25	Real Estate
⊖ Crown Castle International Corp	5.45	25.56	2.43	Real Estate
⊖ Prologis Inc	5.38	30.95	-9.19	Real Estate
⊖ Equinix Inc	4.84	35.78	7.46	Real Estate
⊕ Digital Realty Trust Inc	3.15	38.93	16.95	Real Estate
⊖ Public Storage	2.84	41.77	-5.80	Real Estate
⊖ SBA Communications Corp	2.76	44.53	12.22	Real Estate
⊖ Equity Residential	2.08	46.61	-22.99	Real Estate
⊖ AvalonBay Communities Inc	1.87	48.48	-29.06	Real Estate
⊖ Welltower Inc	1.69	50.16	-42.96	Real Estate
⊖ Simon Property Group Inc	1.53	51.69	-61.76	Real Estate
⊖ Realty Income Corp	1.48	53.17	-31.34	Real Estate
⊖ Alexandria Real Estate Equities Inc	1.43	54.60	-14.54	Real Estate
⊖ Essex Property Trust Inc	1.32	55.92	-26.11	Real Estate

**Total Holdings 189**

⊕ 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 23.9 years.

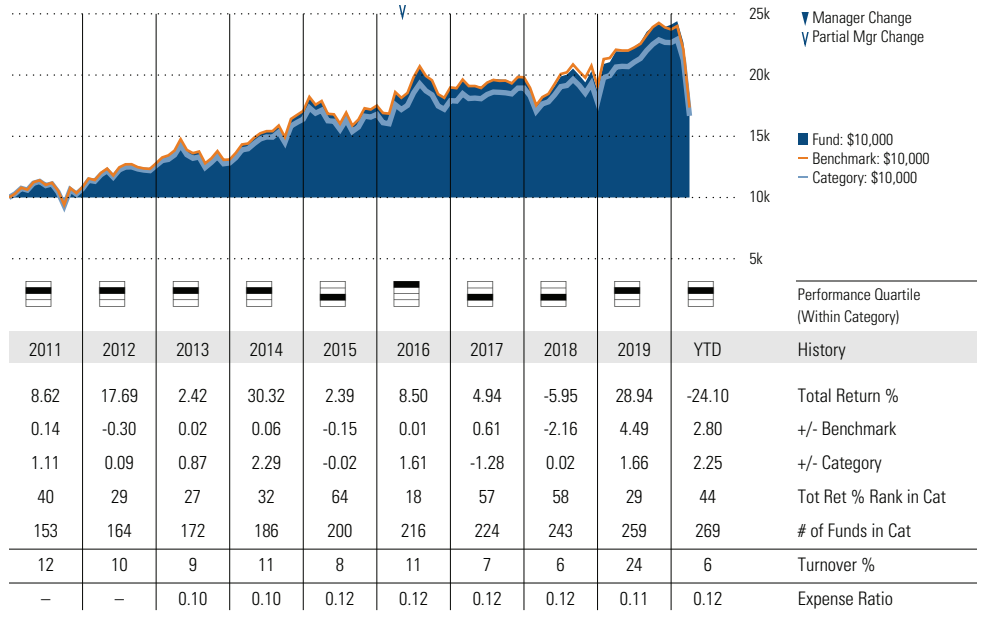
✔ **Style:** The fund has landed in its primary style box — Mid-Cap Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.12 is 89.29% lower than the Real Estate category average.

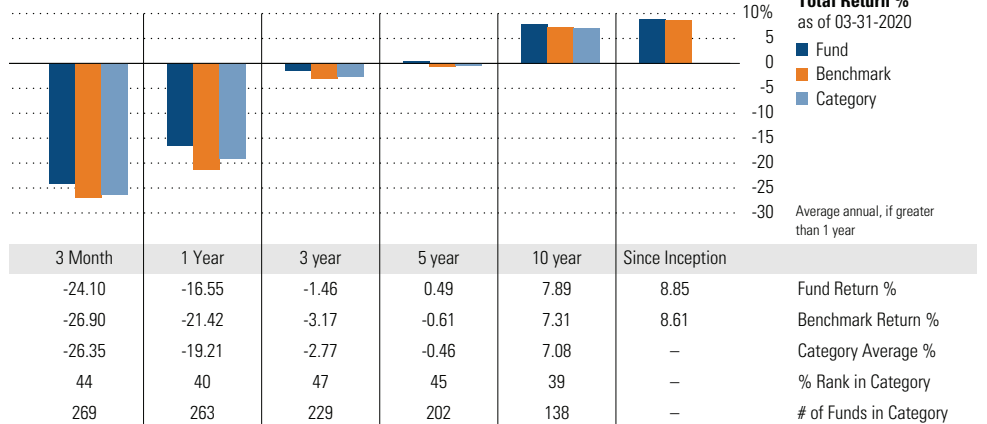
## Morningstar Investment Management LLC Analysis

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

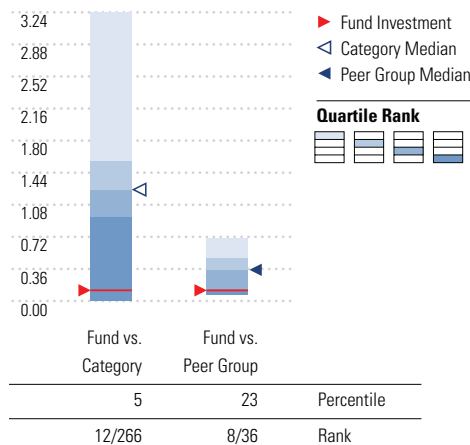
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.42	-	0.98
Beta	0.94	-	0.92
R-Squared	98.98	-	94.50
Standard Deviation	17.06	18.14	17.28
Sharpe Ratio	-0.10	-0.18	-0.11
Tracking Error	2.09	-	4.30
Information Ratio	0.82	-	0.34
Up Capture Ratio	98.44	-	91.99
Down Capture Ratio	90.66	-	87.89

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	24.06	38.46	22.03
Price/Book Ratio	2.01	2.42	1.66
Geom Avg Mkt Cap \$B	14.69	9.35	14.81
ROE	12.69	9.56	11.73

# Vanguard Real Estate Index Admiral VGSLX

**Morningstar Category**  
Real Estate

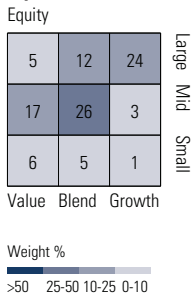
**Morningstar Index**  
S&P United States REIT TR USD

## Style Analysis as of 03-31-2020

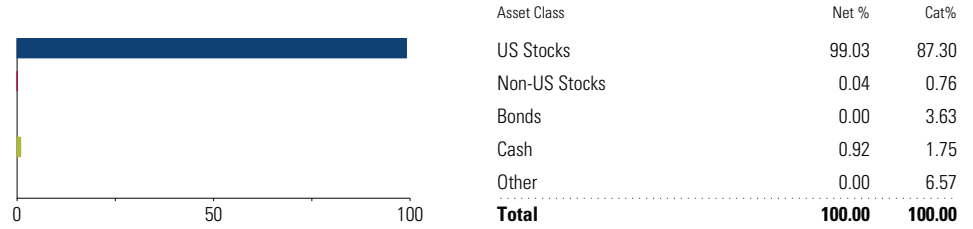
Morningstar Style Box™



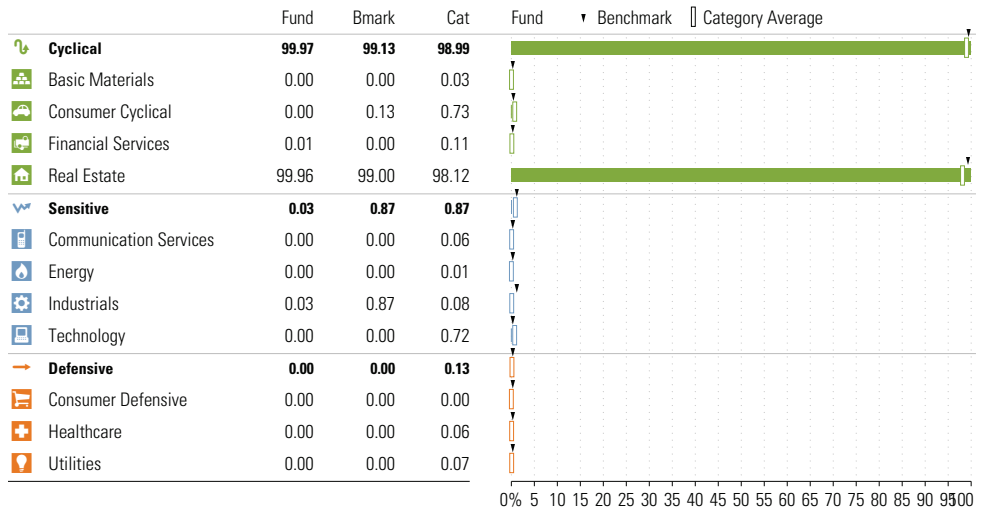
## Style Breakdown



## Asset Allocation as of 03-31-2020



## Sector Weighting as of 03-31-2020



## Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Real Estate II Index	11.35	11.35	-	-
⊖ American Tower Corp	8.76	20.11	-5.25	Real Estate
⊖ Crown Castle International Corp	5.45	25.56	2.43	Real Estate
⊖ Prologis Inc	5.38	30.95	-9.19	Real Estate
⊖ Equinix Inc	4.84	35.78	7.46	Real Estate
⊕ Digital Realty Trust Inc	3.15	38.93	16.95	Real Estate
⊖ Public Storage	2.84	41.77	-5.80	Real Estate
⊖ SBA Communications Corp	2.76	44.53	12.22	Real Estate
⊖ Equity Residential	2.08	46.61	-22.99	Real Estate
⊖ AvalonBay Communities Inc	1.87	48.48	-29.06	Real Estate
⊖ Welltower Inc	1.69	50.16	-42.96	Real Estate
⊖ Simon Property Group Inc	1.53	51.69	-61.76	Real Estate
⊖ Realty Income Corp	1.48	53.17	-31.34	Real Estate
⊖ Alexandria Real Estate Equities Inc	1.43	54.60	-14.54	Real Estate
⊖ Essex Property Trust Inc	1.32	55.92	-26.11	Real Estate

**Total Holdings 189**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Small Cap Value Index Admiral VSIAX

**Morningstar Category**  
Small Value

**Morningstar Index**  
Russell 2000 Value TR USD

## Portfolio Manager(s)

Gerard O'Reilly since 04-2016  
William Coleman since 04-2016

## Quantitative Screens

✔ **Performance:** The fund has finished in the Small Value 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 3.93 years.

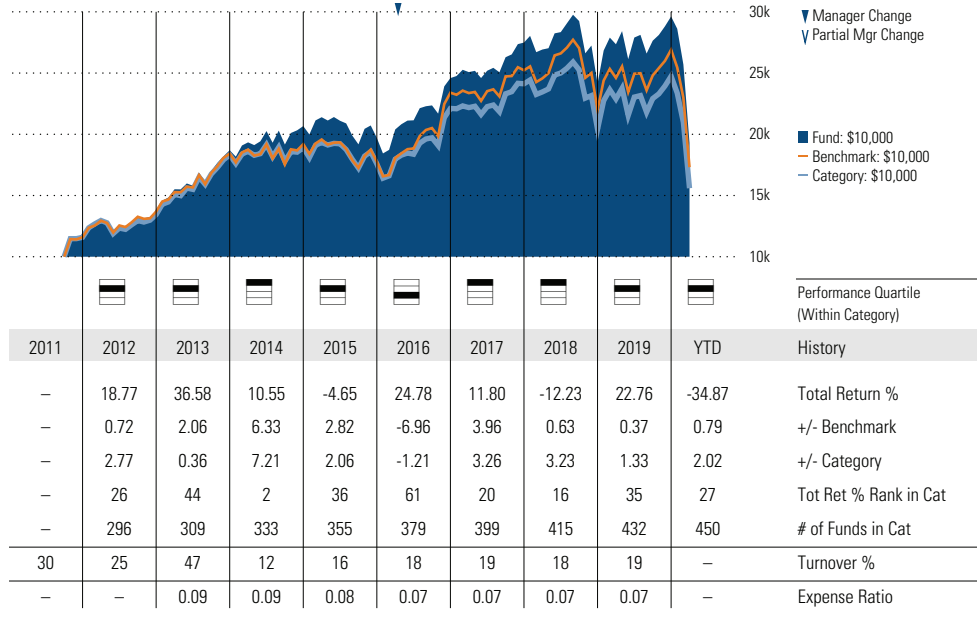
✘ **Style:** The fund has landed in its primary style box — Small Value — 48.57 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.07 is 94.12% lower than the Small Value category average.

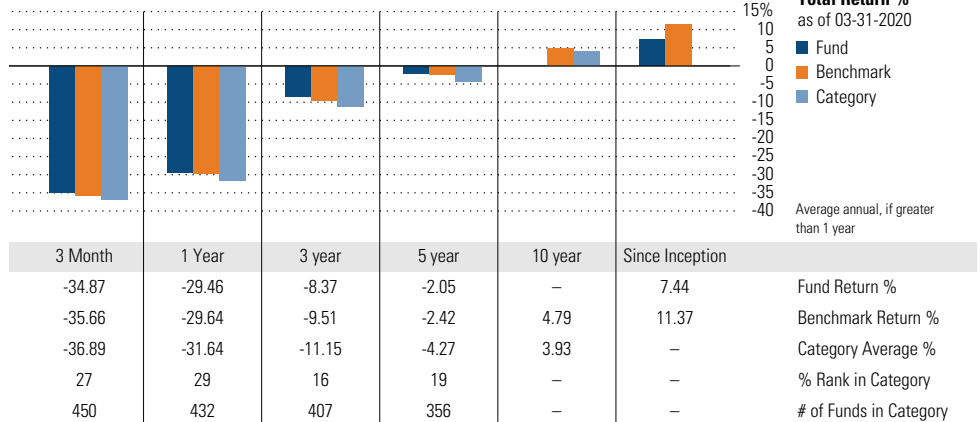
## Morningstar Investment Management LLC Analysis

This fund fails our style screen but its portfolio positioning remains consistent with the benchmark index it tracks.

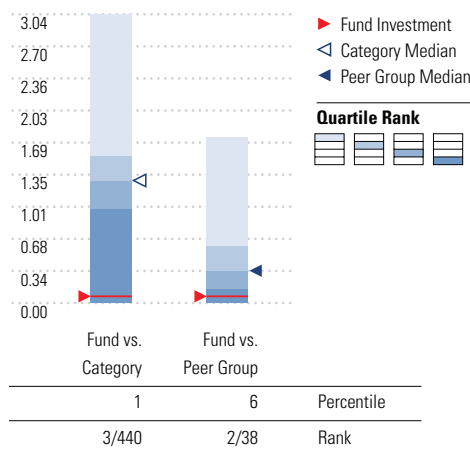
## Growth of \$10,000



## 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	0.90	-	-1.11
Beta	0.97	-	1.02
R-Squared	98.32	-	96.43
Standard Deviation	21.84	22.39	23.27
Sharpe Ratio	-0.36	-0.40	-0.44
Tracking Error	2.92	-	4.66
Information Ratio	0.39	-	-0.29
Up Capture Ratio	94.53	-	97.38
Down Capture Ratio	92.67	-	102.79

## Portfolio Metrics

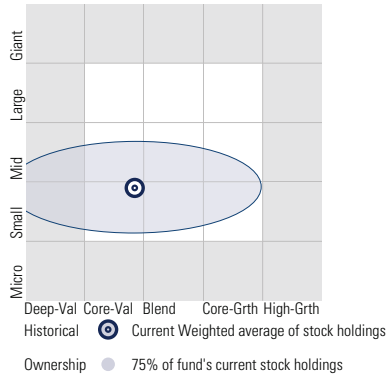
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	10.83	10.07	9.68
Price/Book Ratio	1.14	0.93	0.91
Geom Avg Mkt Cap \$B	2.78	1.19	2.02
ROE	11.02	6.00	10.82

# Vanguard Small Cap Value Index Admiral VSIAX

**Morningstar Category**  
Small Value

**Morningstar Index**  
Russell 2000 Value TR USD

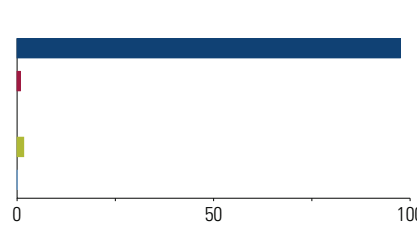
**Style Analysis** as of 03-31-2020  
Morningstar Style Box™



**Style Breakdown**

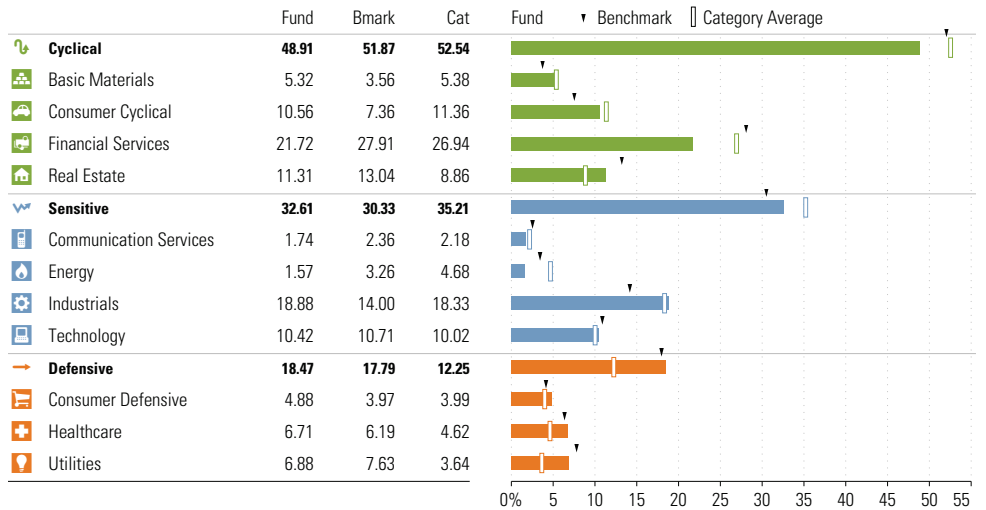


**Asset Allocation** as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	97.49	95.85
Non-US Stocks	0.82	2.16
Bonds	0.00	0.01
Cash	1.67	1.90
Other	0.02	0.08
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2020



**Top 15 Holdings** as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Slcmt1142	1.15	1.15	-	-
⊕ Leidos Holdings Inc	0.94	2.08	-6.03	Technology
⊕ Atmos Energy Corp	0.85	2.94	-10.78	Utilities
⊕ IDEX Corp	0.76	3.70	-19.41	Industrials
⊕ Booz Allen Hamilton Holding Corp Class A	0.70	4.39	-3.06	Industrials
⊕ Medical Properties Trust Inc	0.65	5.04	-16.82	Real Estate
⊕ Essential Utilities Inc	0.63	5.67	-12.79	Utilities
⊕ Molina Healthcare Inc	0.63	6.31	2.96	Healthcare
⊕ Brown & Brown Inc	0.63	6.93	-8.04	Financial Services
⊕ Cypress Semiconductor Corp	0.62	7.56	0.43	Technology
⊕ Allegion PLC	0.62	8.17	-25.86	Industrials
⊕ PerkinElmer Inc	0.60	8.78	-22.40	Healthcare
⊕ RPM International Inc	0.56	9.33	-22.02	Basic Materials
⊕ Carlisle Companies Inc	0.51	9.85	-22.28	Industrials
⊖ Cmt Market Liquidity Rate	0.51	10.35	-	-

**Total Holdings 862**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2015 Inv VTXVX

**Morningstar Category**  
Target-Date 2015

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 7.11 years.

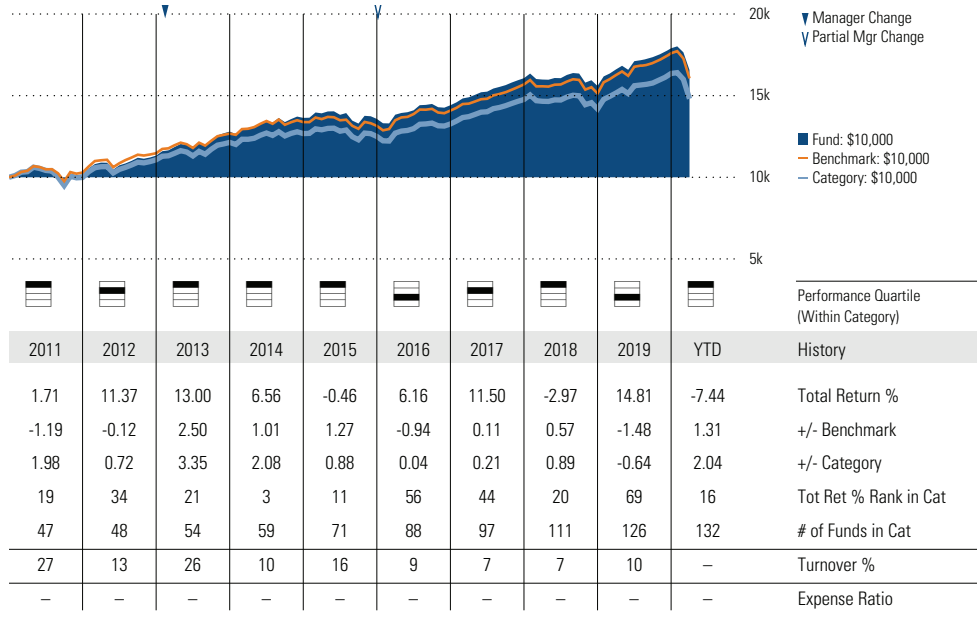
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.13 is 80.6% lower than the Target-Date 2015 category average.

## Morningstar Investment Management LLC Analysis

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

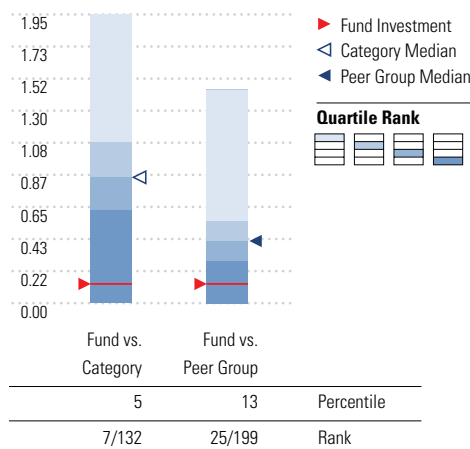
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.54	-	-0.93
Beta	0.88	-	1.01
R-Squared	99.41	-	97.35
Standard Deviation	6.11	6.90	7.05
Sharpe Ratio	0.33	0.27	0.15
Tracking Error	0.93	-	1.35
Information Ratio	0.18	-	-0.71
Up Capture Ratio	92.70	-	93.00
Down Capture Ratio	86.94	-	102.79

## Portfolio Metrics

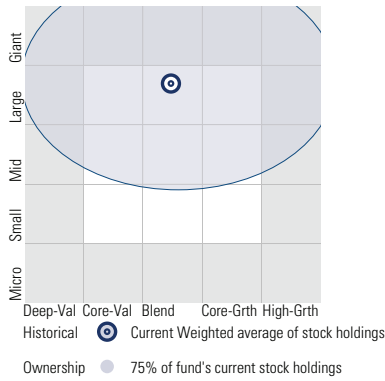
	Fund	Bmark	Cat
Price/Earnings Ratio	14.18	14.47	14.15
Price/Book Ratio	1.61	1.65	1.68
Avg Eff Duration	5.89	8.22	5.17

# Vanguard Target Retirement 2015 Inv VTXVX

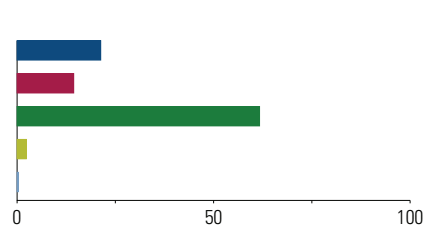
**Morningstar Category**  
Target-Date 2015

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

**Style Analysis** as of 03-31-2020  
Morningstar Style Box™

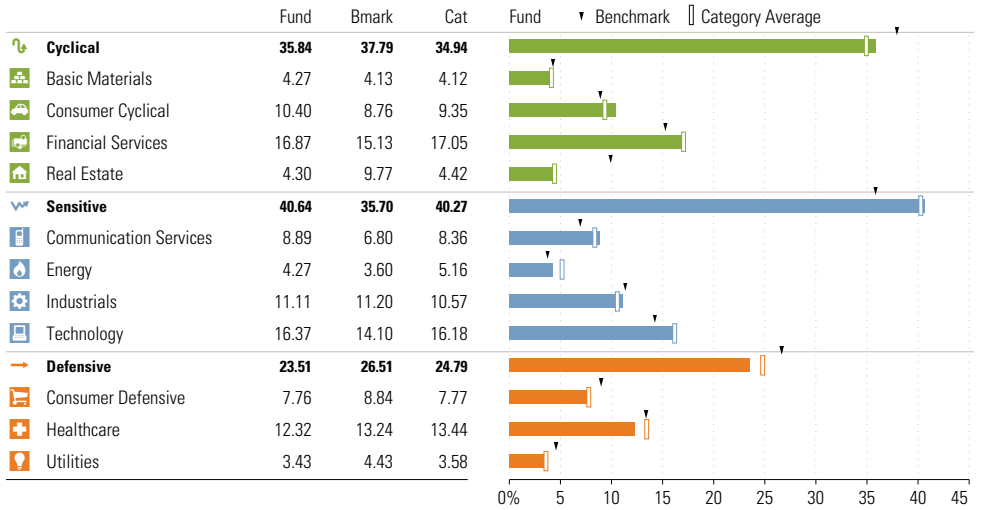


**Asset Allocation** as of 03-31-2020

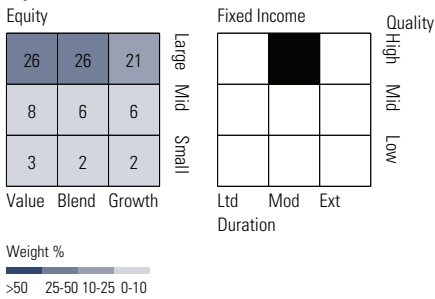


Asset Class	Net %	Cat%
US Stocks	21.27	25.55
Non-US Stocks	14.40	14.57
Bonds	61.69	50.74
Cash	2.33	5.64
Other	0.30	3.49
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2020



**Style Breakdown**



**Top 6 Holdings** as of 03-31-2020

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

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Target Retirement 2015 Inv VTXVX

**Morningstar Category**  
Target-Date 2015

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 7.11 years.

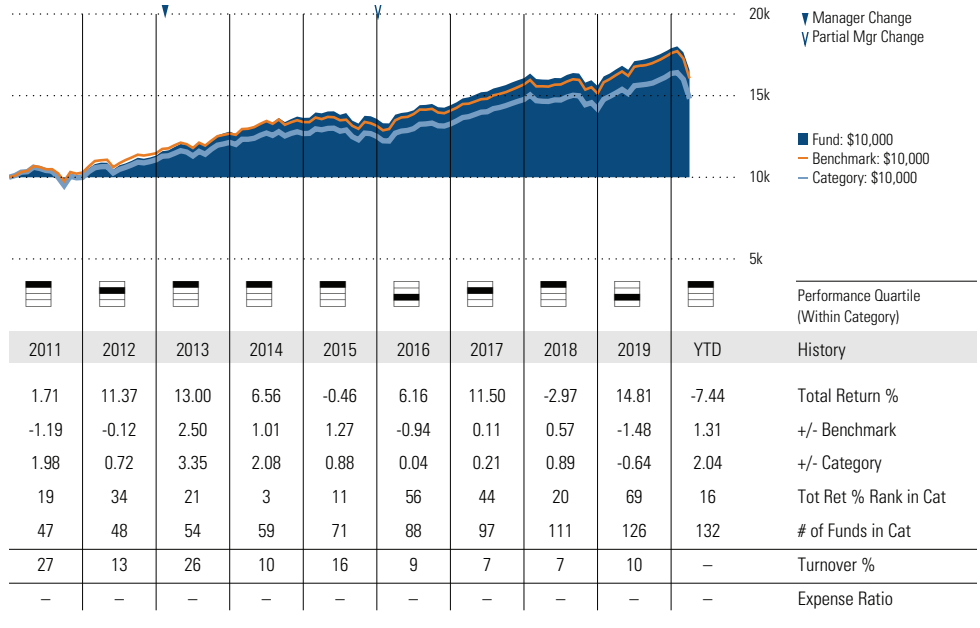
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.13 is 80.6% lower than the Target-Date 2015 category average.

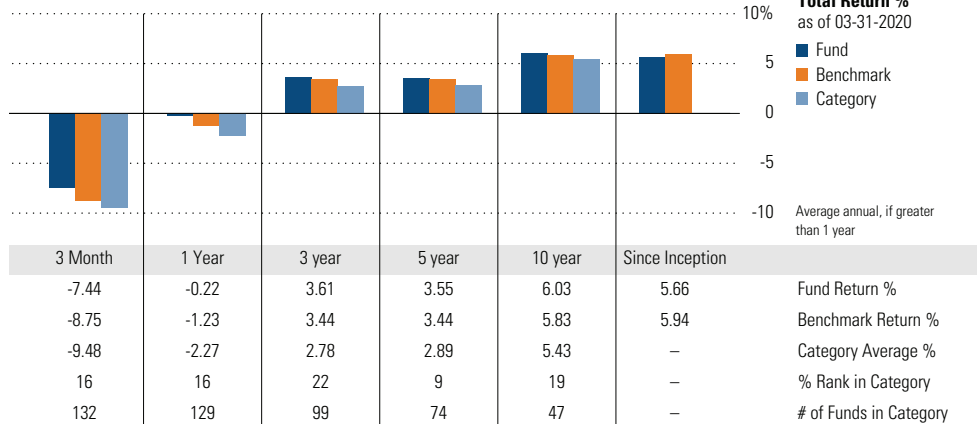
## Morningstar Investment Management LLC Analysis

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

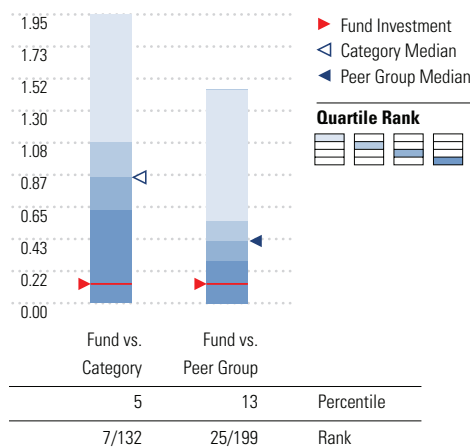
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.54	-	-0.93
Beta	0.88	-	1.01
R-Squared	99.41	-	97.35
Standard Deviation	6.11	6.90	7.05
Sharpe Ratio	0.33	0.27	0.15
Tracking Error	0.93	-	1.35
Information Ratio	0.18	-	-0.71
Up Capture Ratio	92.70	-	93.00
Down Capture Ratio	86.94	-	102.79

## Portfolio Metrics

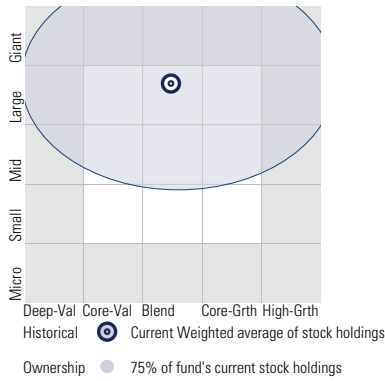
	Fund	Bmark	Cat
Price/Earnings Ratio	14.18	14.47	14.15
Price/Book Ratio	1.61	1.65	1.68
Avg Eff Duration	5.89	8.22	5.17

# Vanguard Target Retirement 2015 Inv VTXVX

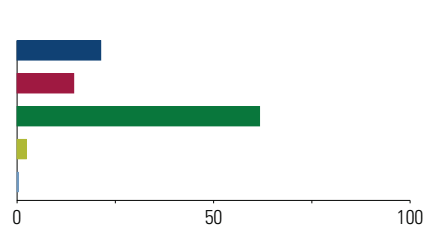
**Morningstar Category**  
Target-Date 2015

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

**Style Analysis** as of 03-31-2020  
Morningstar Style Box™

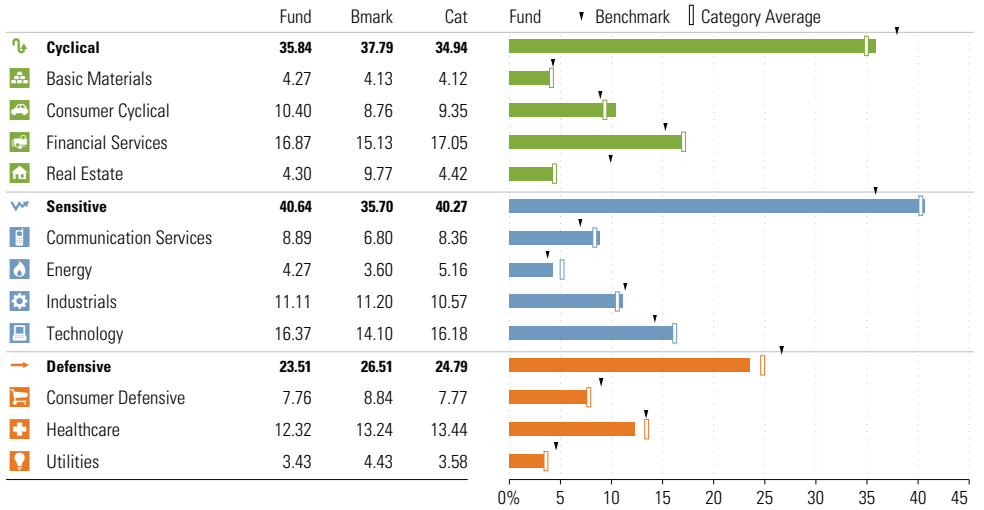


**Asset Allocation** as of 03-31-2020

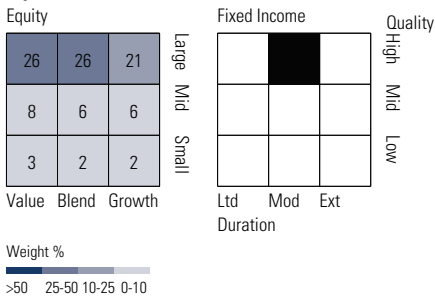


Asset Class	Net %	Cat%
US Stocks	21.27	25.55
Non-US Stocks	14.40	14.57
Bonds	61.69	50.74
Cash	2.33	5.64
Other	0.30	3.49
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2020



**Style Breakdown**



**Top 6 Holdings** as of 03-31-2020

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

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2020 Inv VTWNX

**Morningstar Category**  
Target-Date 2020

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 7.11 years.

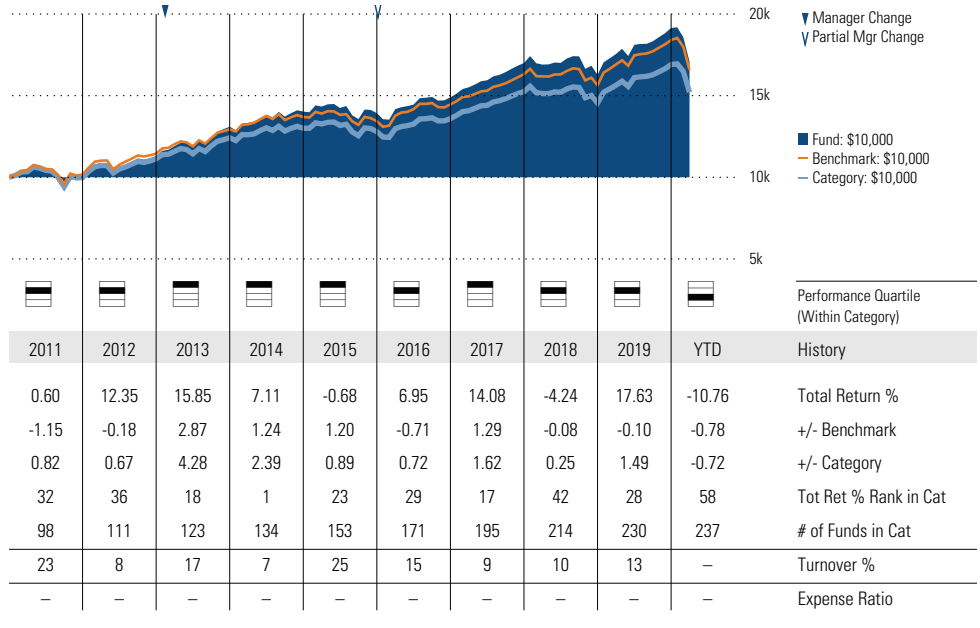
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.13 is 82.43% lower than the Target-Date 2020 category average.

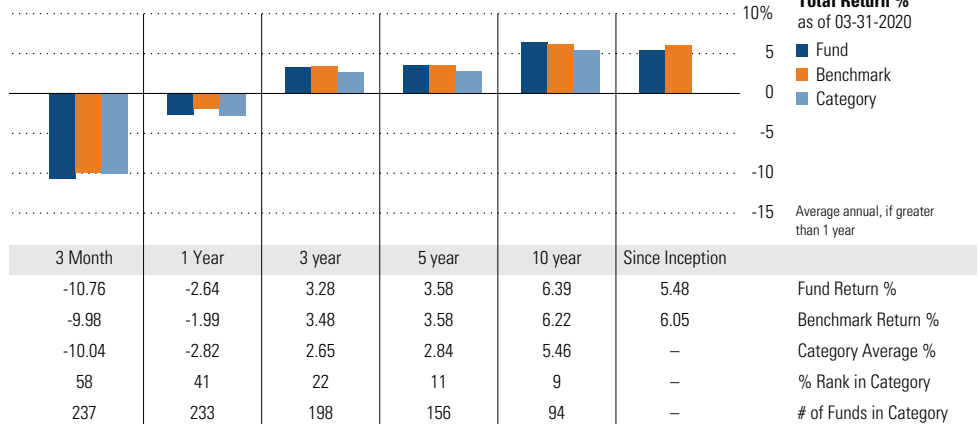
## Morningstar Investment Management LLC Analysis

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

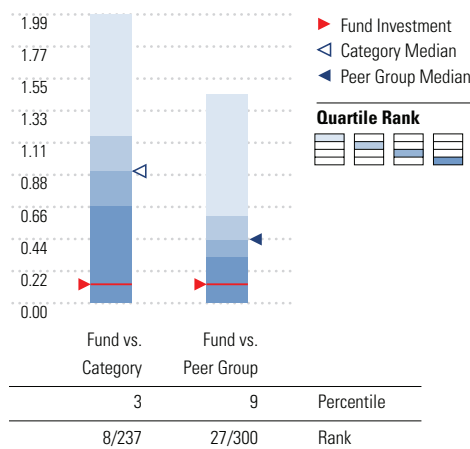
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.30	-	-0.81
Beta	1.04	-	0.94
R-Squared	98.99	-	95.73
Standard Deviation	8.04	7.72	7.38
Sharpe Ratio	0.23	0.26	0.12
Tracking Error	0.85	-	1.75
Information Ratio	-0.23	-	-0.67
Up Capture Ratio	102.83	-	88.03
Down Capture Ratio	106.41	-	95.97

## Portfolio Metrics

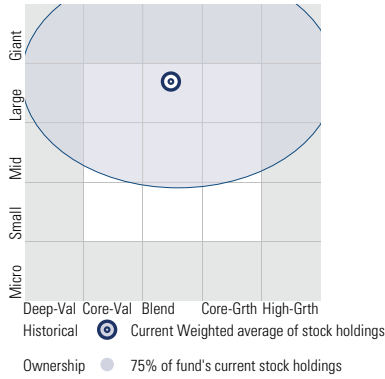
	Fund	Bmark	Cat
Price/Earnings Ratio	14.17	14.39	14.99
Price/Book Ratio	1.61	1.64	1.81
Avg Eff Duration	6.15	9.28	5.23

# Vanguard Target Retirement 2020 Inv VTWNX

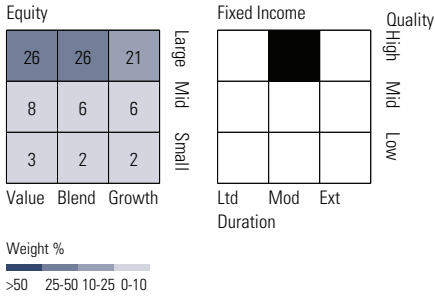
**Morningstar Category**  
Target-Date 2020

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

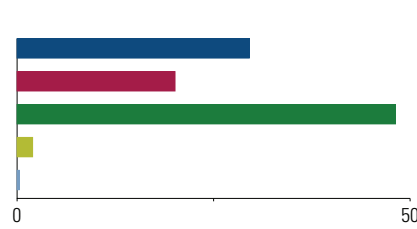
**Style Analysis** as of 03-31-2020  
Morningstar Style Box™



**Style Breakdown**

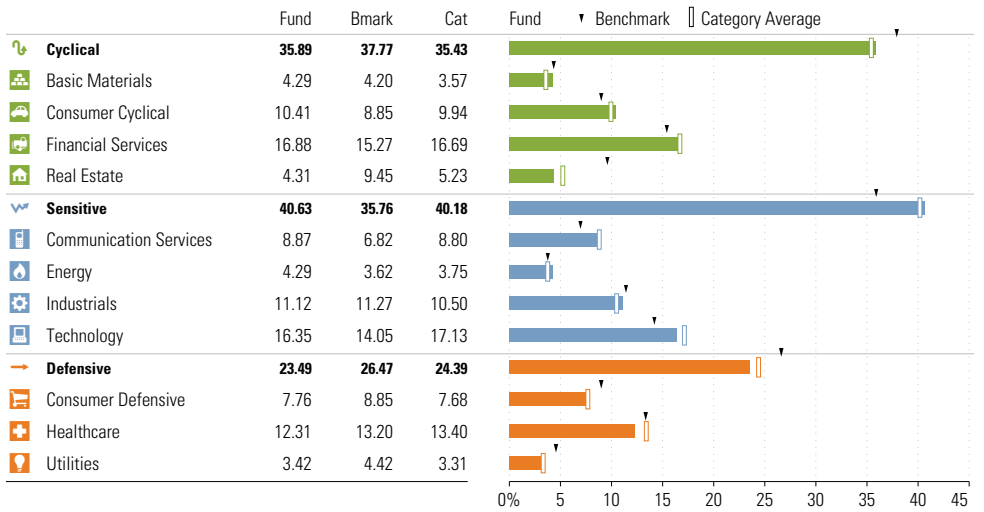


**Asset Allocation** as of 03-31-2020



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

**Sector Weighting** as of 03-31-2020



**Top 6 Holdings** as of 03-31-2020

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

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2020 Inv VTWNX

**Morningstar Category**  
Target-Date 2020

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 7.11 years.

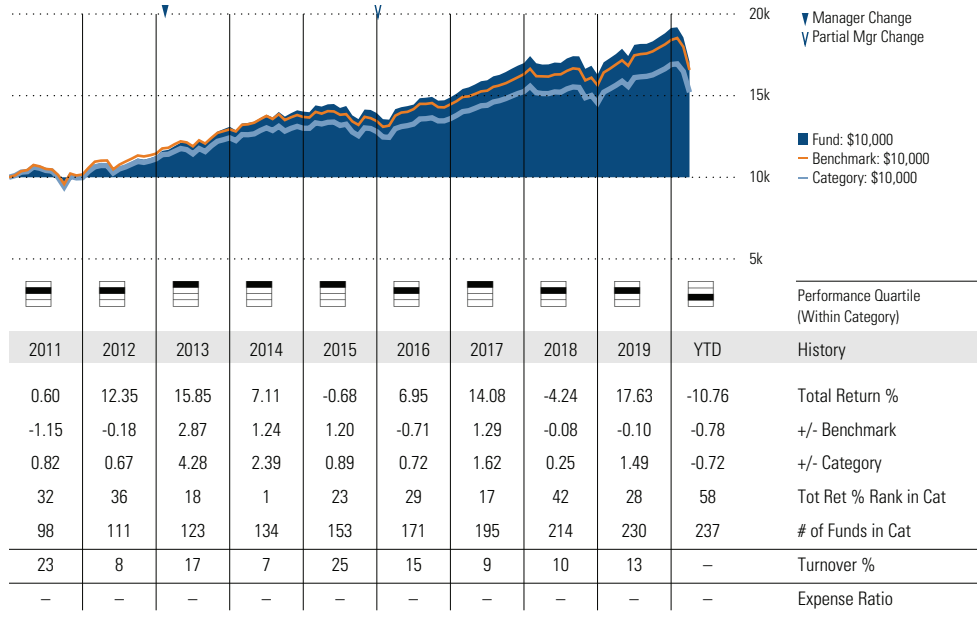
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.13 is 82.43% lower than the Target-Date 2020 category average.

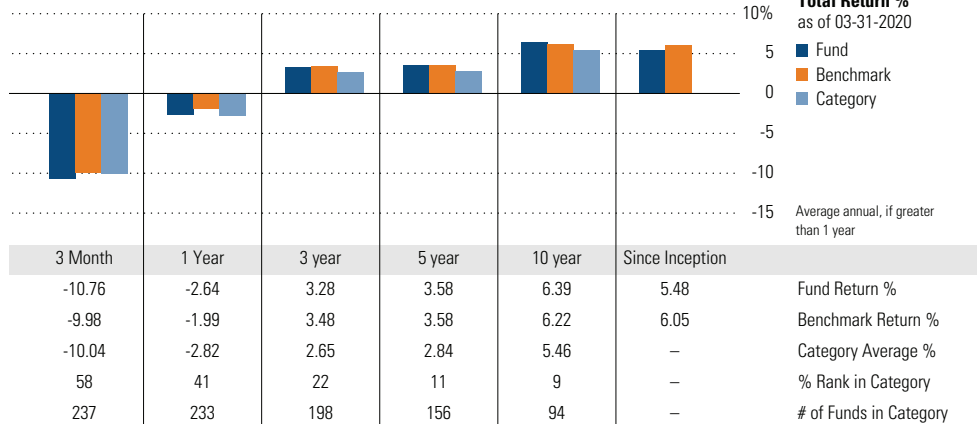
## Morningstar Investment Management LLC Analysis

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

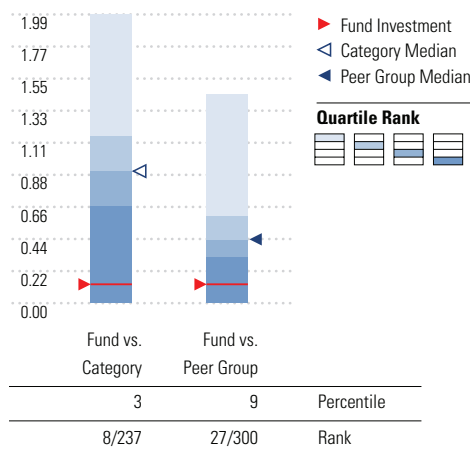
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.30	-	-0.81
Beta	1.04	-	0.94
R-Squared	98.99	-	95.73
Standard Deviation	8.04	7.72	7.38
Sharpe Ratio	0.23	0.26	0.12
Tracking Error	0.85	-	1.75
Information Ratio	-0.23	-	-0.67
Up Capture Ratio	102.83	-	88.03
Down Capture Ratio	106.41	-	95.97

## Portfolio Metrics

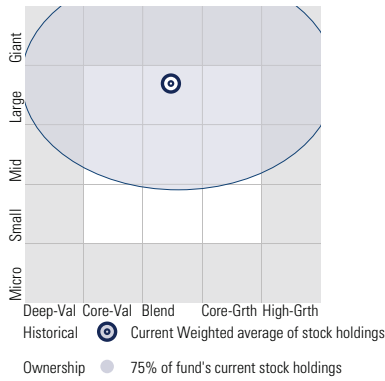
	Fund	Bmark	Cat
Price/Earnings Ratio	14.17	14.39	14.99
Price/Book Ratio	1.61	1.64	1.81
Avg Eff Duration	6.15	9.28	5.23

# Vanguard Target Retirement 2020 Inv VTWNX

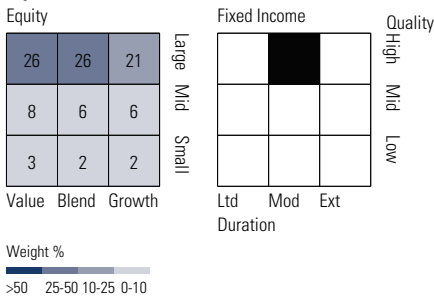
**Morningstar Category**  
Target-Date 2020

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

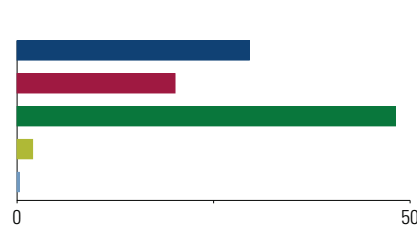
**Style Analysis** as of 03-31-2020  
Morningstar Style Box™



**Style Breakdown**

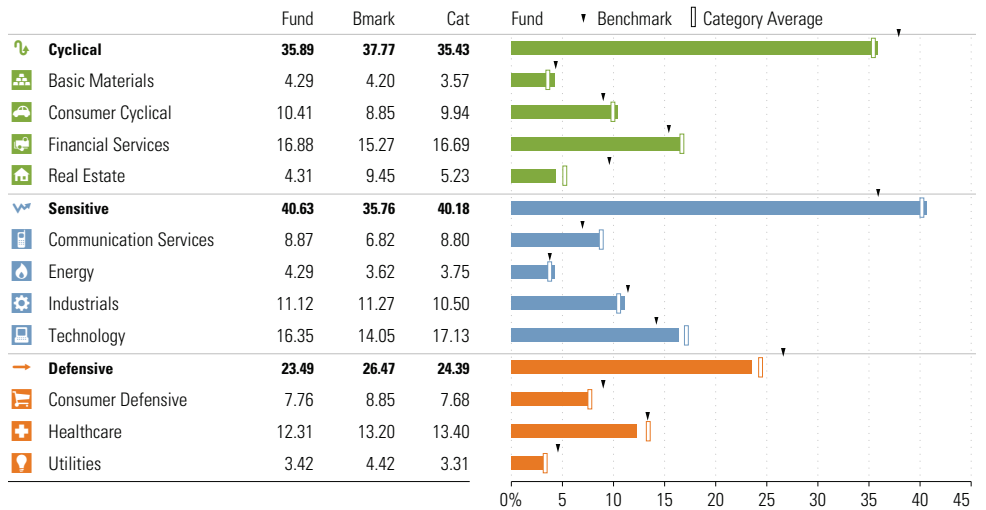


**Asset Allocation** as of 03-31-2020



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

**Sector Weighting** as of 03-31-2020



**Top 6 Holdings** as of 03-31-2020

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

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2025 Inv VTTVX

**Morningstar Category**  
Target-Date 2025

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 7.11 years.

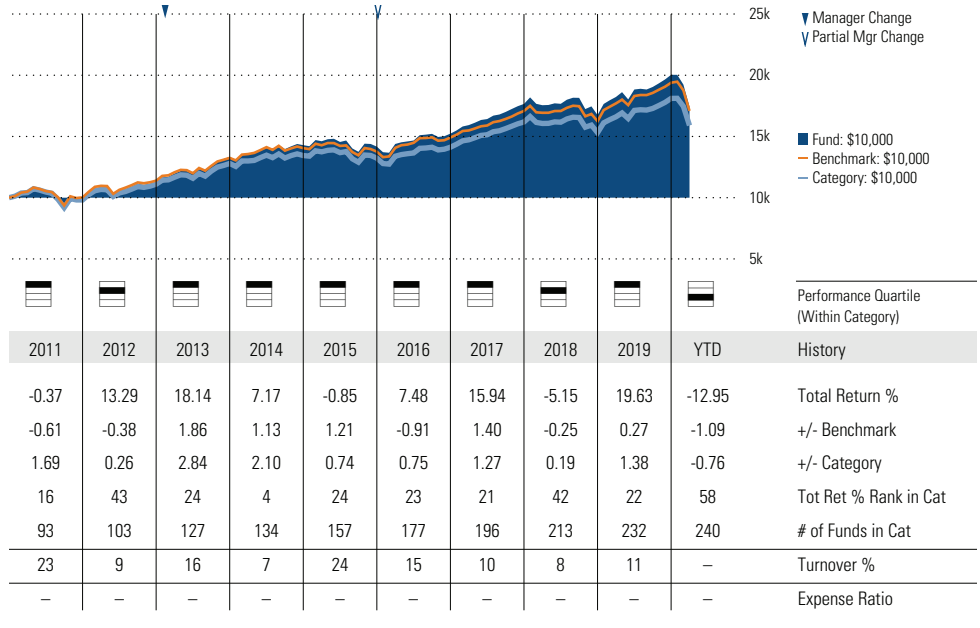
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.13 is 82.19% lower than the Target-Date 2025 category average.

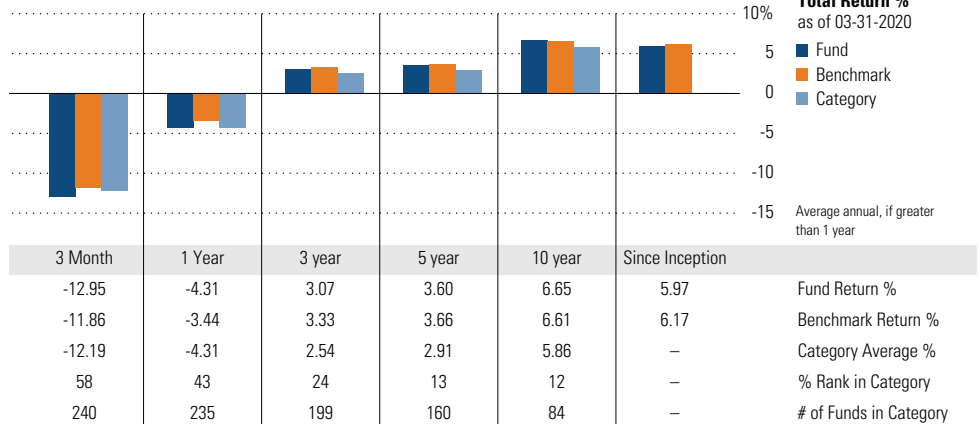
## Morningstar Investment Management LLC Analysis

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.

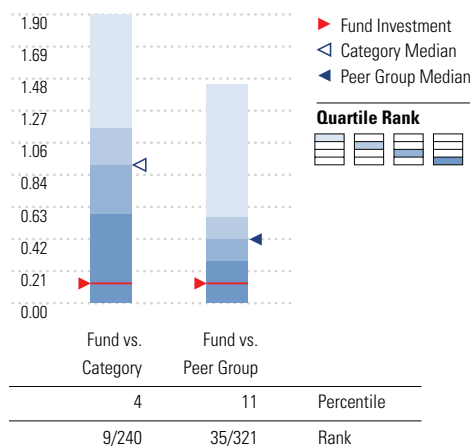
## Growth of \$10,000



## 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	-0.43	-	-0.89
Beta	1.06	-	1.00
R-Squared	99.21	-	97.87
Standard Deviation	9.43	8.84	8.91
Sharpe Ratio	0.18	0.22	0.12
Tracking Error	1.00	-	1.56
Information Ratio	-0.26	-	-0.66
Up Capture Ratio	105.58	-	94.97
Down Capture Ratio	110.08	-	103.01

## Portfolio Metrics

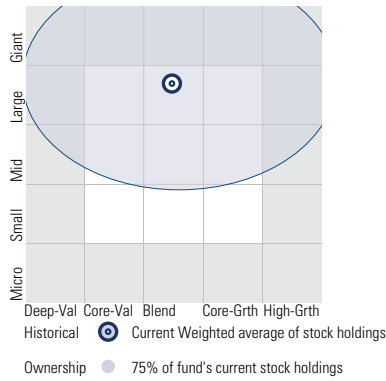
	Fund	Bmark	Cat
Price/Earnings Ratio	14.17	14.31	15.14
Price/Book Ratio	1.61	1.62	1.80
Avg Eff Duration	6.77	10.12	5.54

# Vanguard Target Retirement 2025 Inv VTTVX

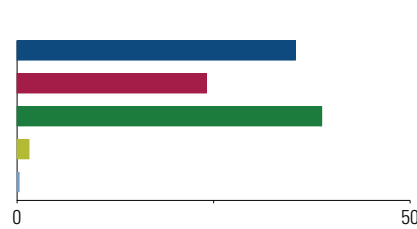
**Morningstar Category**  
Target-Date 2025

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

**Style Analysis** as of 03-31-2020  
Morningstar Style Box™

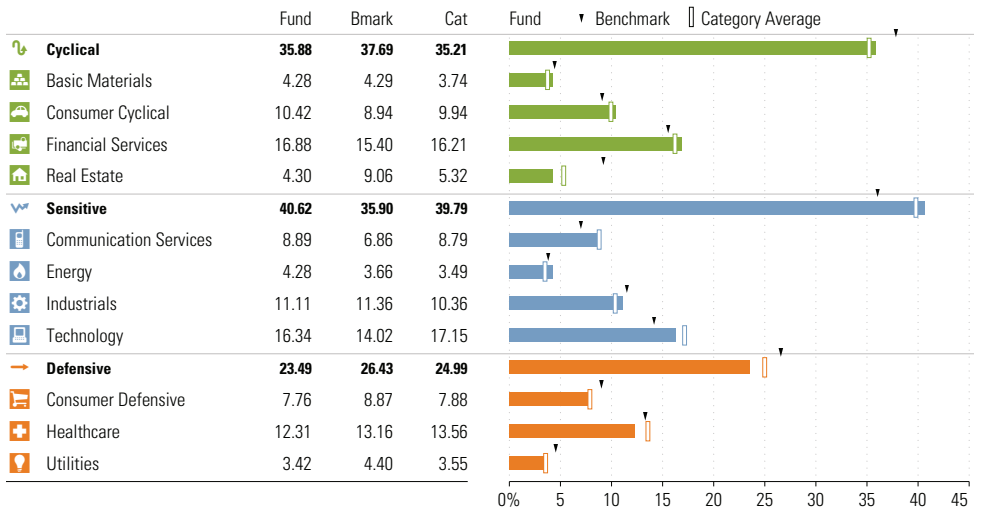


**Asset Allocation** as of 03-31-2020

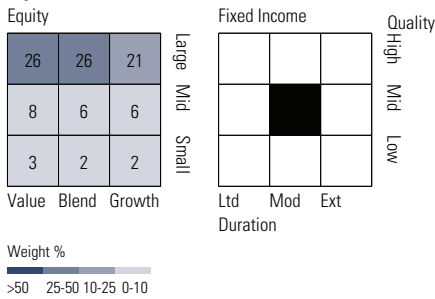


Asset Class	Net %	Cat%
US Stocks	35.39	33.37
Non-US Stocks	24.09	16.97
Bonds	38.75	37.55
Cash	1.51	3.45
Other	0.25	8.66
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2020



**Style Breakdown**



**Top 5 Holdings** as of 03-31-2020

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

**Total Holdings 5**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Target Retirement 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 7.11 years.

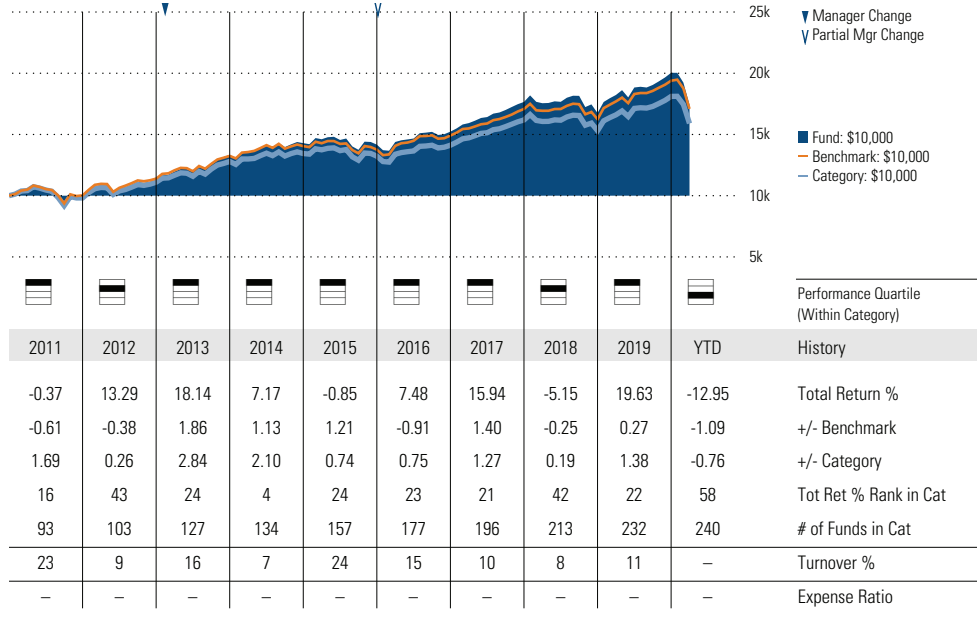
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.13 is 82.19% lower than the Target-Date 2025 category average.

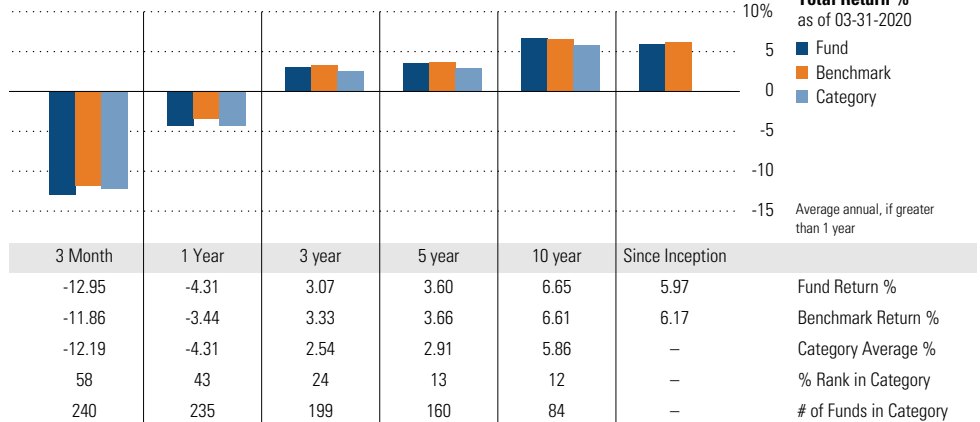
## Morningstar Investment Management LLC Analysis

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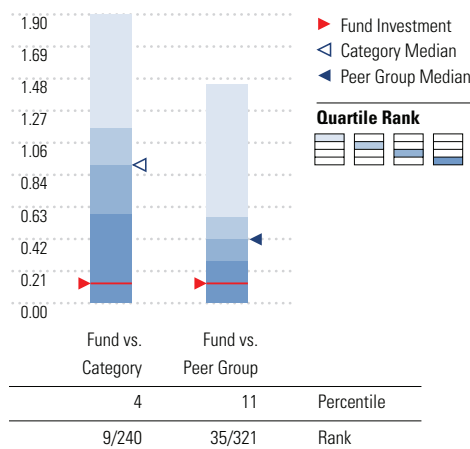
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.43	-	-0.89
Beta	1.06	-	1.00
R-Squared	99.21	-	97.87
Standard Deviation	9.43	8.84	8.91
Sharpe Ratio	0.18	0.22	0.12
Tracking Error	1.00	-	1.56
Information Ratio	-0.26	-	-0.66
Up Capture Ratio	105.58	-	94.97
Down Capture Ratio	110.08	-	103.01

## Portfolio Metrics

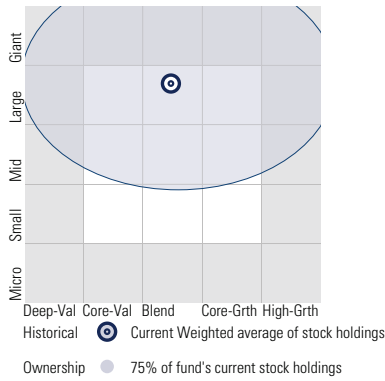
	Fund	Bmark	Cat
Price/Earnings Ratio	14.17	14.31	15.14
Price/Book Ratio	1.61	1.62	1.80
Avg Eff Duration	6.77	10.12	5.54

# Vanguard Target Retirement 2025 Inv VTTVX

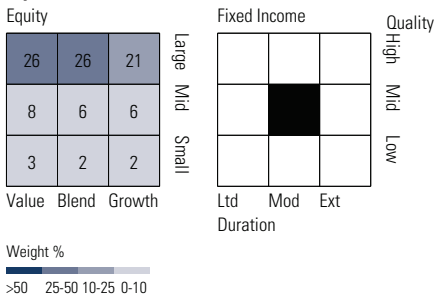
**Morningstar Category**  
Target-Date 2025

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

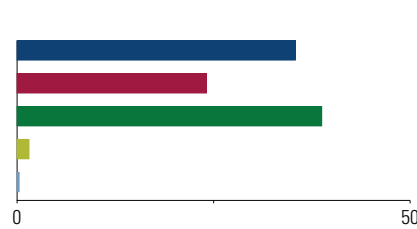
**Style Analysis** as of 03-31-2020  
Morningstar Style Box™



**Style Breakdown**

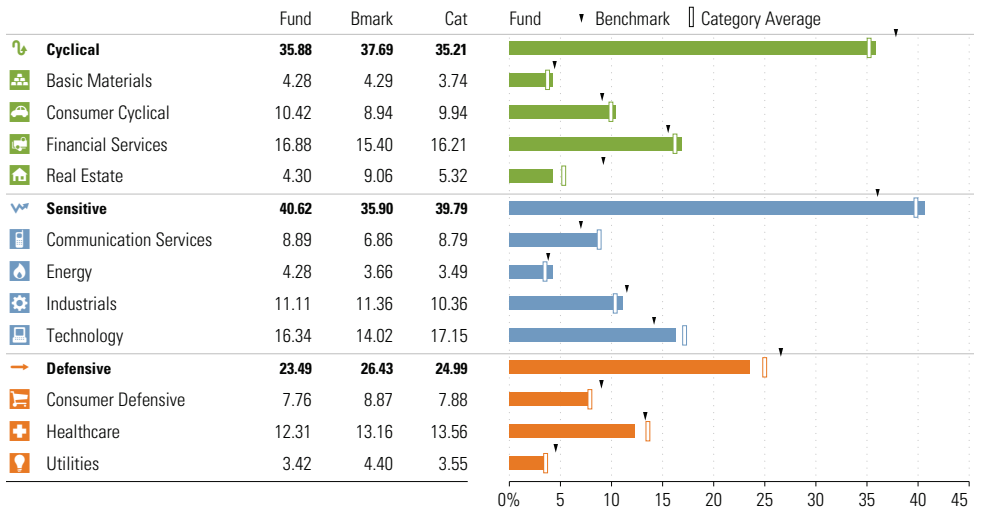


**Asset Allocation** as of 03-31-2020



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

**Sector Weighting** as of 03-31-2020



**Top 5 Holdings** as of 03-31-2020

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

**Total Holdings 5**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2030 Inv VTHRX

Morningstar Category  
Target-Date 2030

Morningstar Index  
Morningstar Lifetime Mod 2030 TR  
USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 7.11 years.

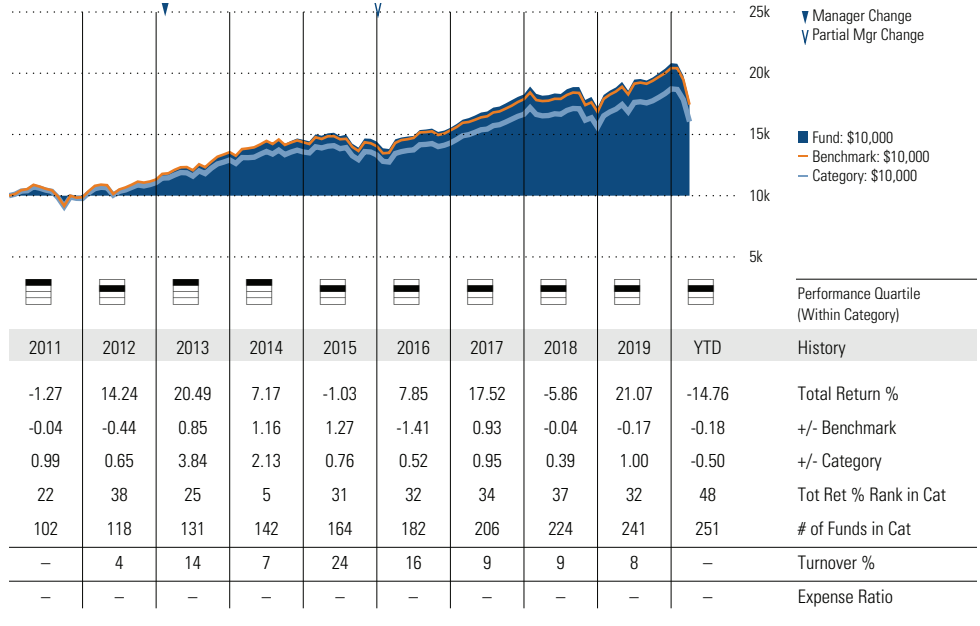
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

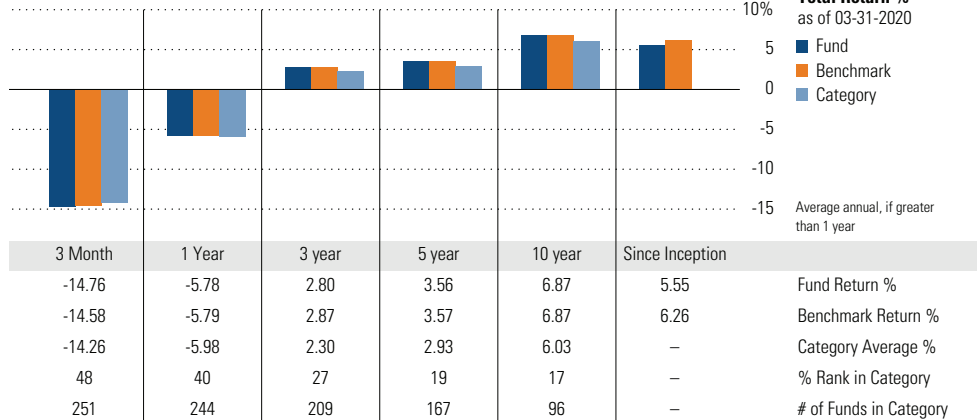
## Morningstar Investment Management LLC Analysis

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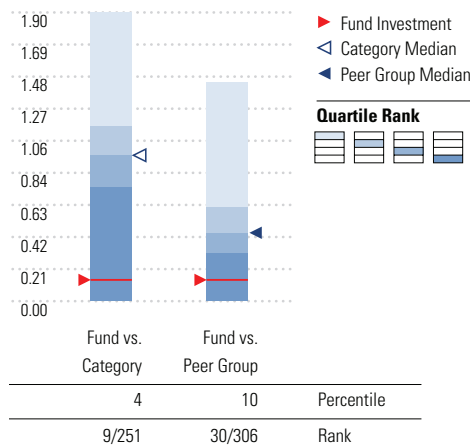
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.10	-	-0.67
Beta	1.02	-	0.98
R-Squared	99.52	-	97.56
Standard Deviation	10.57	10.38	10.29
Sharpe Ratio	0.15	0.16	0.09
Tracking Error	0.75	-	1.67
Information Ratio	-0.09	-	-0.50
Up Capture Ratio	103.21	-	96.29
Down Capture Ratio	104.50	-	101.86

## Portfolio Metrics

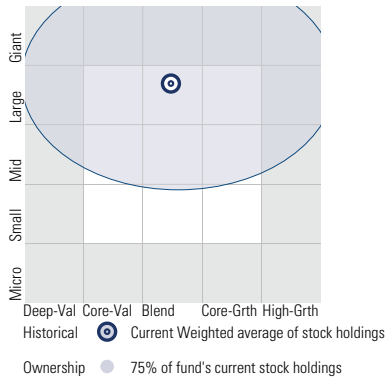
	Fund	Bmark	Cat
Price/Earnings Ratio	14.17	14.21	15.01
Price/Book Ratio	1.61	1.61	1.78
Avg Eff Duration	6.77	10.74	5.64

# Vanguard Target Retirement 2030 Inv VTHRX

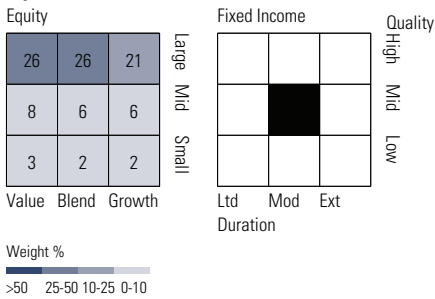
**Morningstar Category**  
Target-Date 2030

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

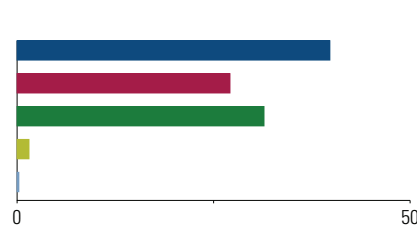
**Style Analysis** as of 03-31-2020  
Morningstar Style Box™



**Style Breakdown**

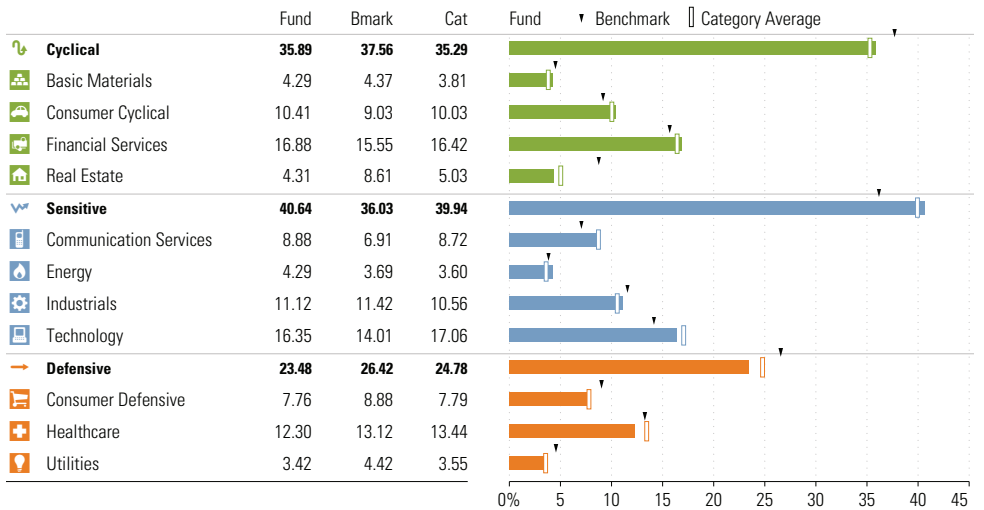


**Asset Allocation** as of 03-31-2020



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 03-31-2020



**Top 5 Holdings** as of 03-31-2020

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

**Total Holdings 5**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 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 7.11 years.

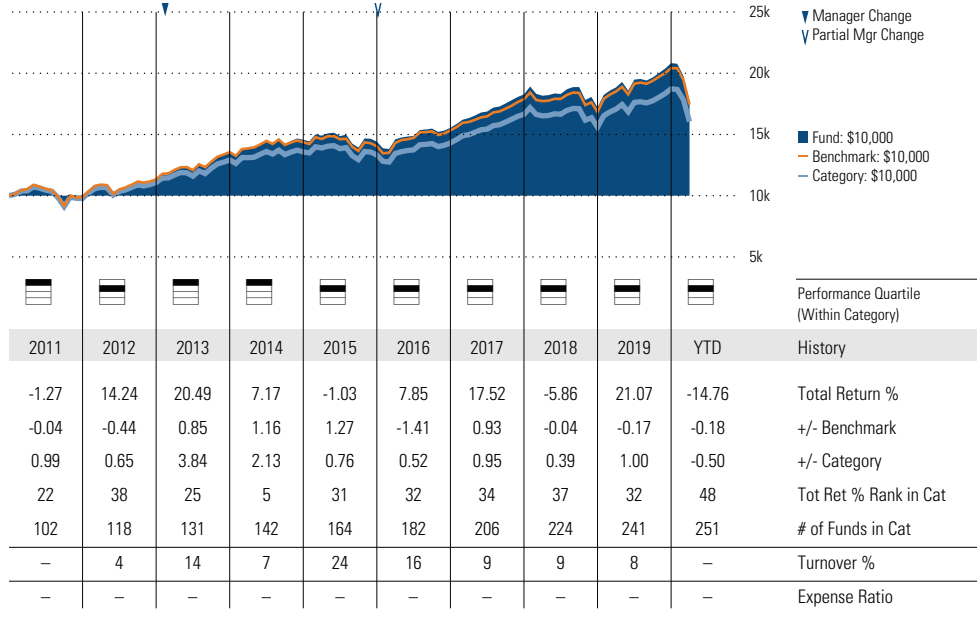
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

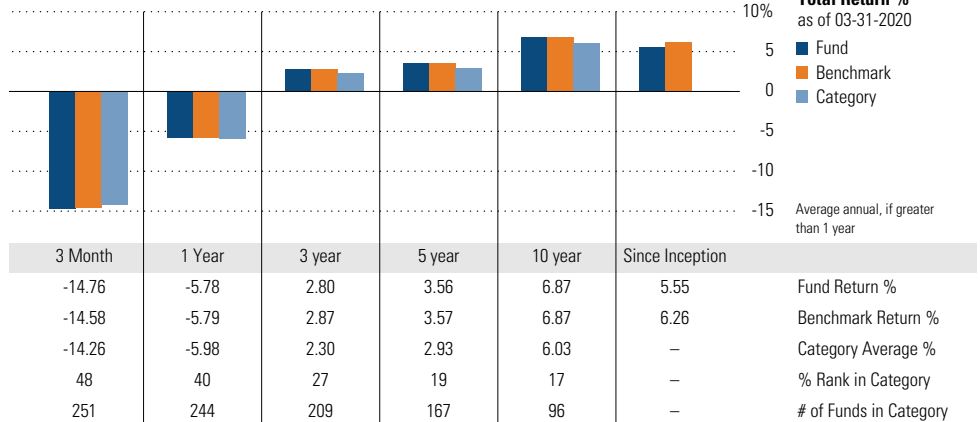
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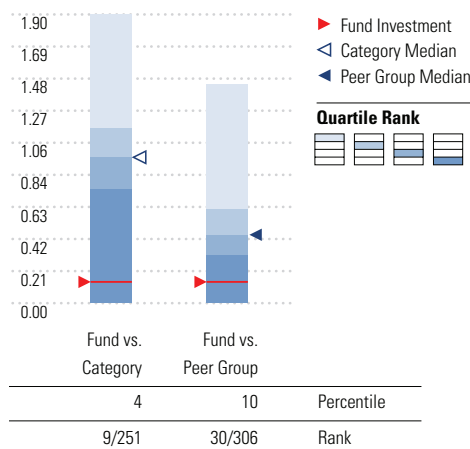
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.10	-	-0.67
Beta	1.02	-	0.98
R-Squared	99.52	-	97.56
Standard Deviation	10.57	10.38	10.29
Sharpe Ratio	0.15	0.16	0.09
Tracking Error	0.75	-	1.67
Information Ratio	-0.09	-	-0.50
Up Capture Ratio	103.21	-	96.29
Down Capture Ratio	104.50	-	101.86

## Portfolio Metrics

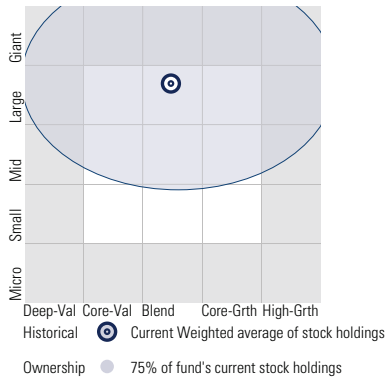
	Fund	Bmark	Cat
Price/Earnings Ratio	14.17	14.21	15.01
Price/Book Ratio	1.61	1.61	1.78
Avg Eff Duration	6.77	10.74	5.64

# Vanguard Target Retirement 2030 Inv VTHRX

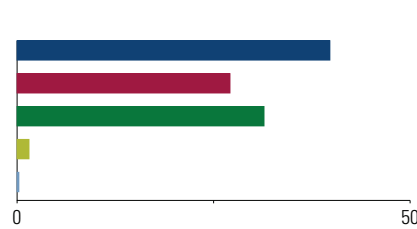
**Morningstar Category**  
Target-Date 2030

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

**Style Analysis** as of 03-31-2020  
Morningstar Style Box™

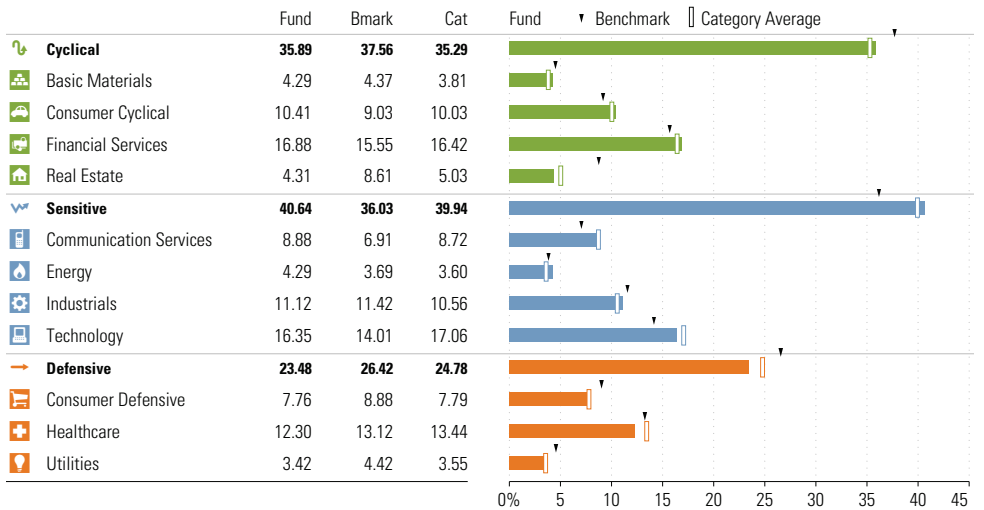


**Asset Allocation** as of 03-31-2020



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 03-31-2020



**Style Breakdown**



**Top 5 Holdings** as of 03-31-2020

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

**Total Holdings 5**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2035 Inv VTTHX

**Morningstar Category**  
Target-Date 2035

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 7.11 years.

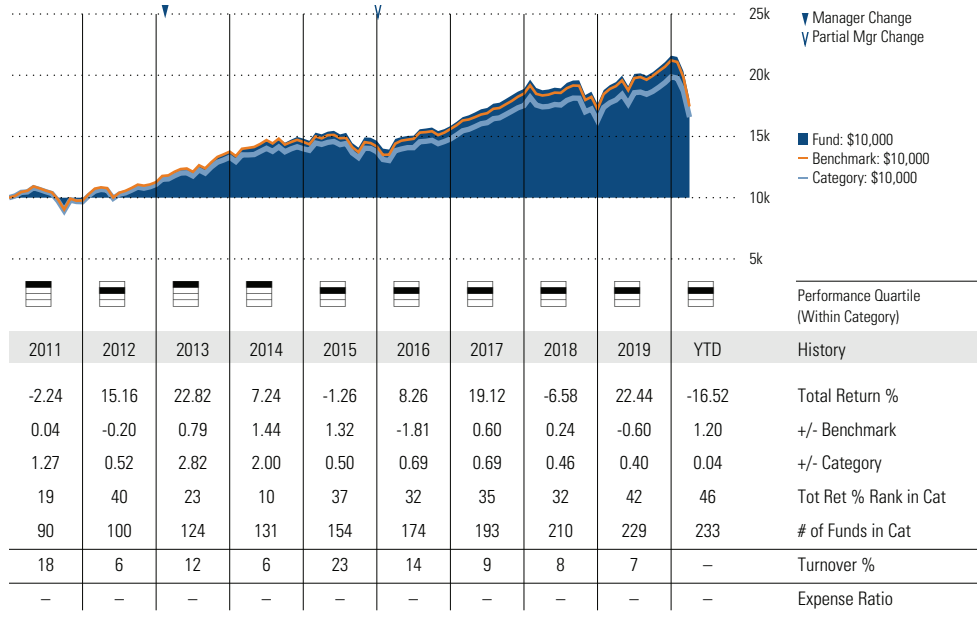
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.14 is 81.33% lower than the Target-Date 2035 category average.

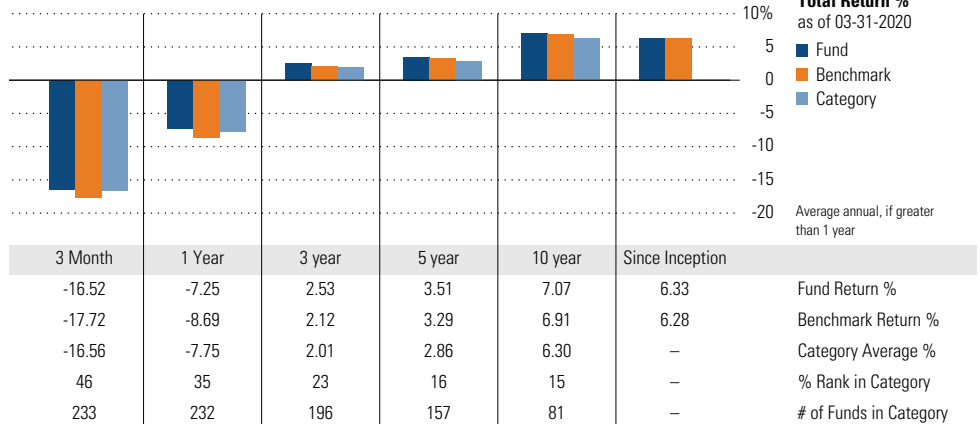
## Morningstar Investment Management LLC Analysis

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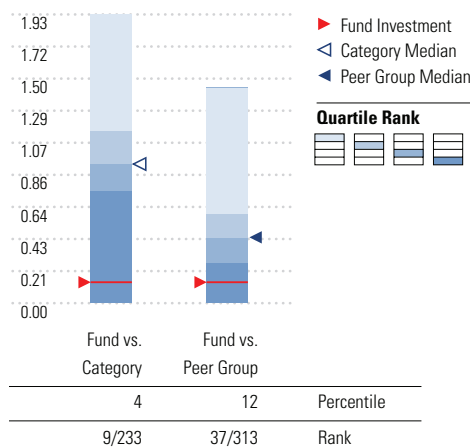
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.46	-	-0.19
Beta	0.97	-	0.97
R-Squared	99.61	-	98.72
Standard Deviation	11.69	12.09	11.83
Sharpe Ratio	0.12	0.09	0.07
Tracking Error	0.84	-	1.55
Information Ratio	0.50	-	-0.26
Up Capture Ratio	99.79	-	97.15
Down Capture Ratio	96.87	-	98.53

## Portfolio Metrics

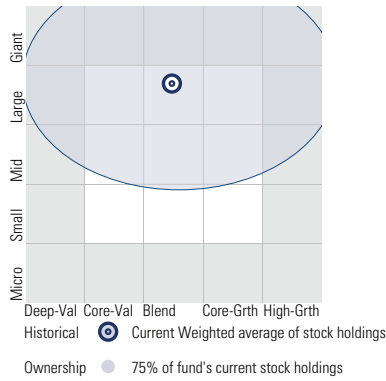
	Fund	Bmark	Cat
Price/Earnings Ratio	14.17	14.13	14.95
Price/Book Ratio	1.61	1.59	1.77
Avg Eff Duration	6.77	10.92	5.76

# Vanguard Target Retirement 2035 Inv VTTHX

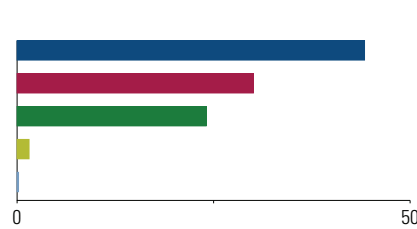
**Morningstar Category**  
Target-Date 2035

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

**Style Analysis** as of 03-31-2020  
Morningstar Style Box™



**Asset Allocation** as of 03-31-2020

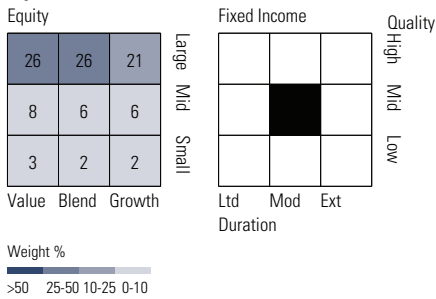


Asset Class	Net %	Cat%
US Stocks	44.20	44.84
Non-US Stocks	30.06	24.61
Bonds	24.05	19.04
Cash	1.52	3.03
Other	0.18	8.48
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2020

	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 03-31-2020

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

**Total Holdings** 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Target Retirement 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 7.11 years.

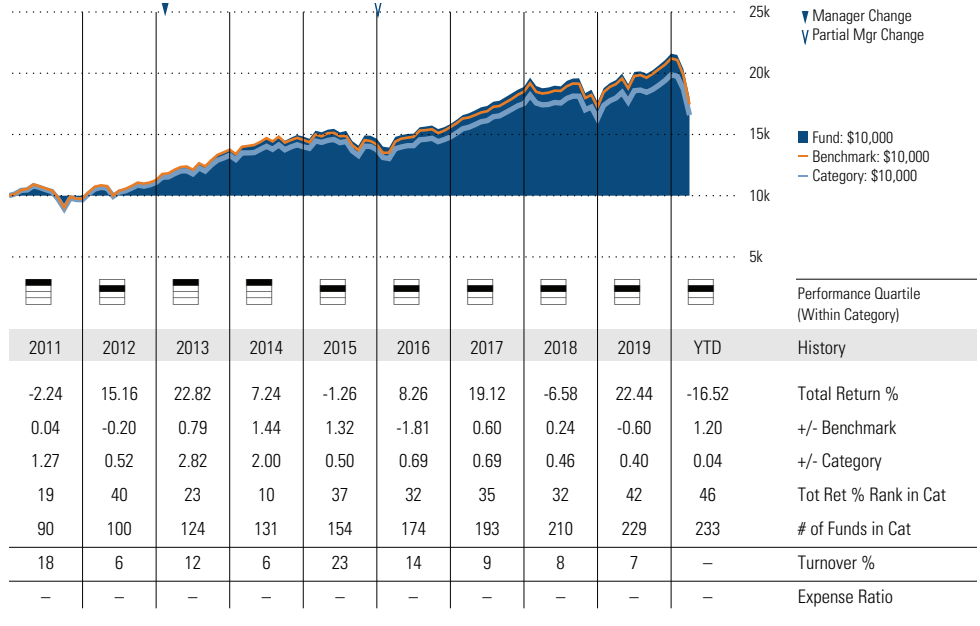
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.14 is 81.33% lower than the Target-Date 2035 category average.

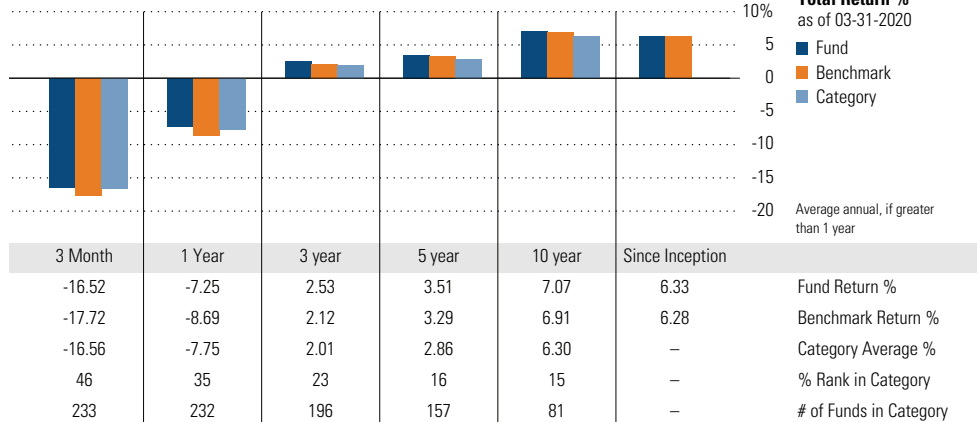
## Morningstar Investment Management LLC Analysis

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.

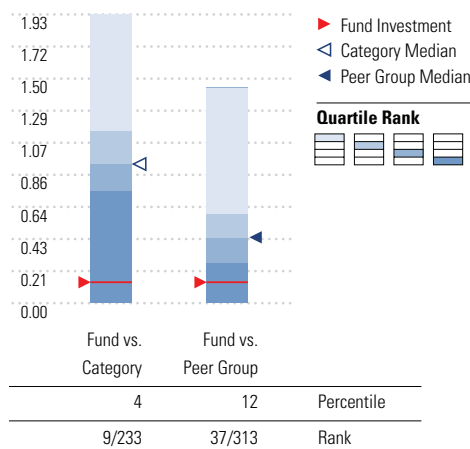
## Growth of \$10,000



## 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	0.46	-	-0.19
Beta	0.97	-	0.97
R-Squared	99.61	-	98.72
Standard Deviation	11.69	12.09	11.83
Sharpe Ratio	0.12	0.09	0.07
Tracking Error	0.84	-	1.55
Information Ratio	0.50	-	-0.26
Up Capture Ratio	99.79	-	97.15
Down Capture Ratio	96.87	-	98.53

## Portfolio Metrics

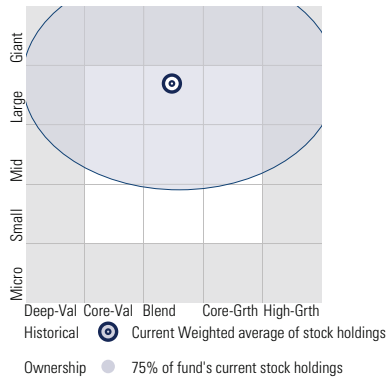
	Fund	Bmark	Cat
Price/Earnings Ratio	14.17	14.13	14.95
Price/Book Ratio	1.61	1.59	1.77
Avg Eff Duration	6.77	10.92	5.76

# Vanguard Target Retirement 2035 Inv VTTHX

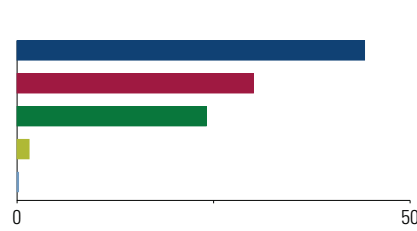
**Morningstar Category**  
Target-Date 2035

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

**Style Analysis** as of 03-31-2020  
Morningstar Style Box™



**Asset Allocation** as of 03-31-2020

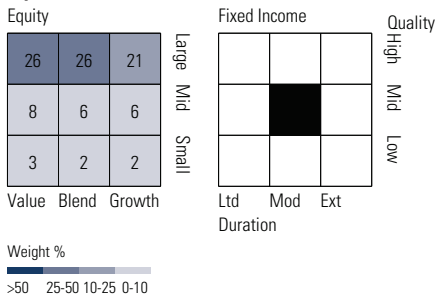


Asset Class	Net %	Cat%
US Stocks	44.20	44.84
Non-US Stocks	30.06	24.61
Bonds	24.05	19.04
Cash	1.52	3.03
Other	0.18	8.48
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2020

	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 03-31-2020

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

**Total Holdings 5**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2040 Inv VFORX

**Morningstar Category**  
Target-Date 2040

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 7.11 years.

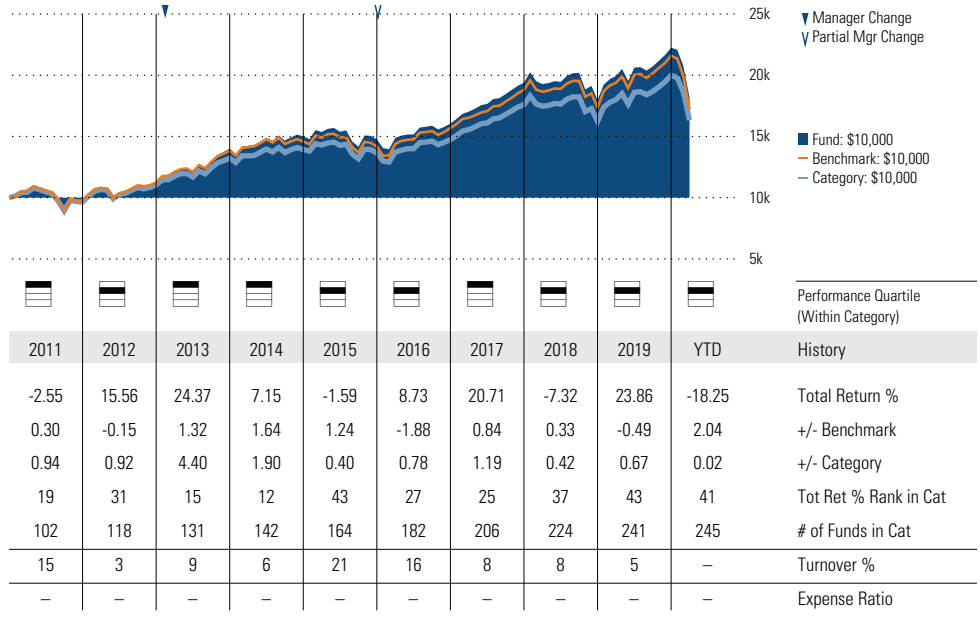
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

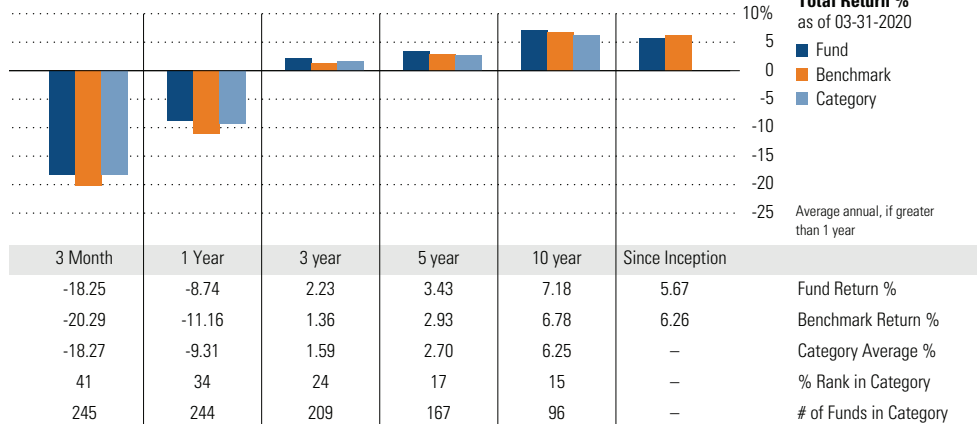
## Morningstar Investment Management LLC Analysis

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.

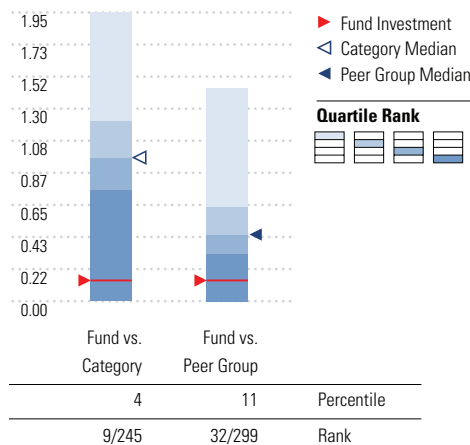
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.88	-	0.13
Beta	0.95	-	0.94
R-Squared	99.54	-	97.91
Standard Deviation	12.83	13.47	12.73
Sharpe Ratio	0.10	0.04	0.04
Tracking Error	1.10	-	1.85
Information Ratio	0.79	-	-0.01
Up Capture Ratio	99.64	-	94.72
Down Capture Ratio	94.34	-	93.91

## Portfolio Metrics

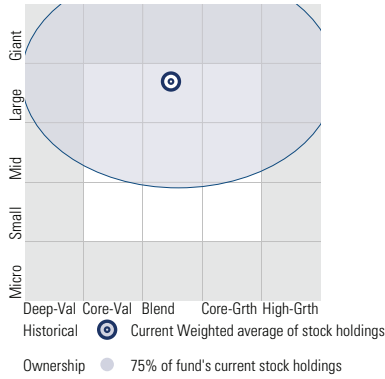
	Fund	Bmark	Cat
Price/Earnings Ratio	14.18	13.30	15.03
Price/Book Ratio	1.61	1.46	1.77
Avg Eff Duration	6.77	11.09	5.80

# Vanguard Target Retirement 2040 Inv VFORX

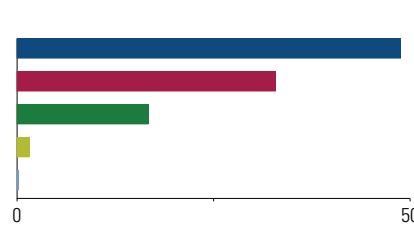
**Morningstar Category**  
Target-Date 2040

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

**Style Analysis** as of 03-31-2020  
Morningstar Style Box™

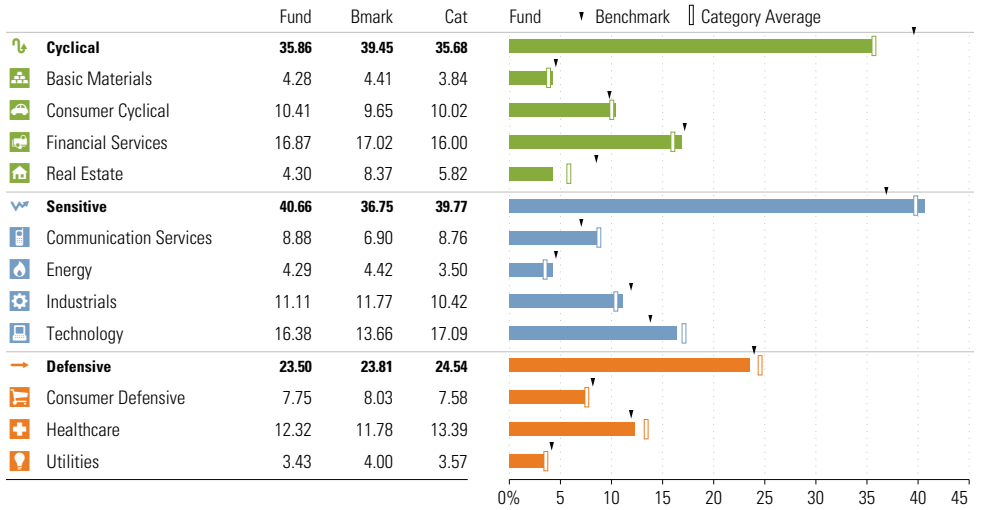


**Asset Allocation** as of 03-31-2020

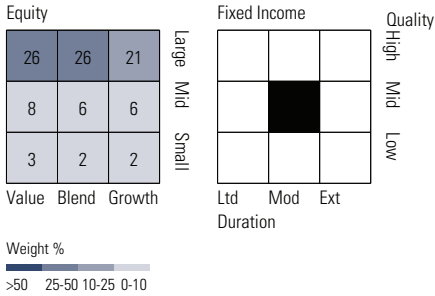


Asset Class	Net %	Cat%
US Stocks	48.77	49.73
Non-US Stocks	32.85	27.58
Bonds	16.68	12.16
Cash	1.55	2.86
Other	0.14	7.67
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2020



**Style Breakdown**



**Top 5 Holdings** as of 03-31-2020

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

**Total Holdings 5**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 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 7.11 years.

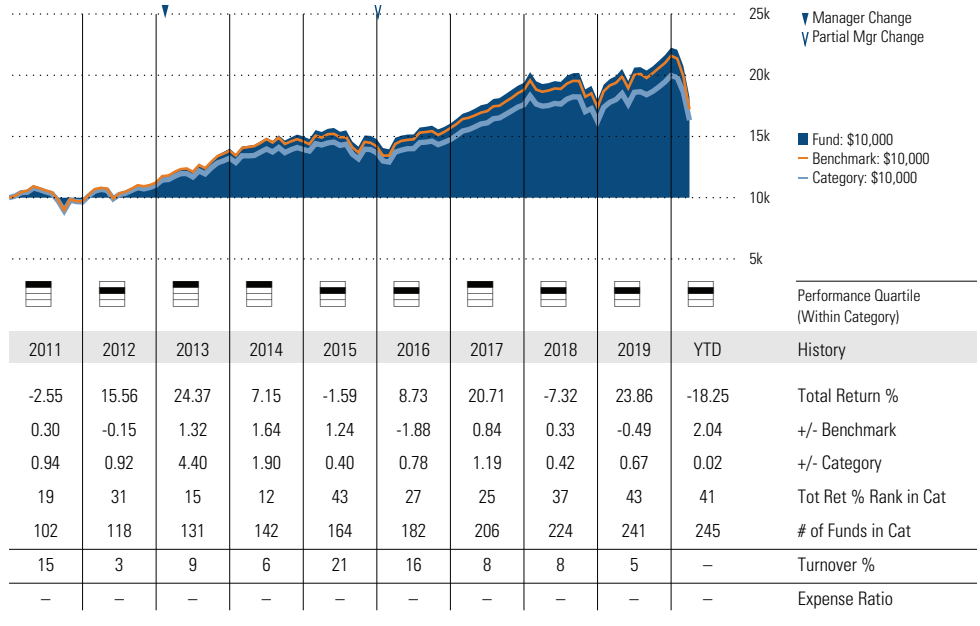
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

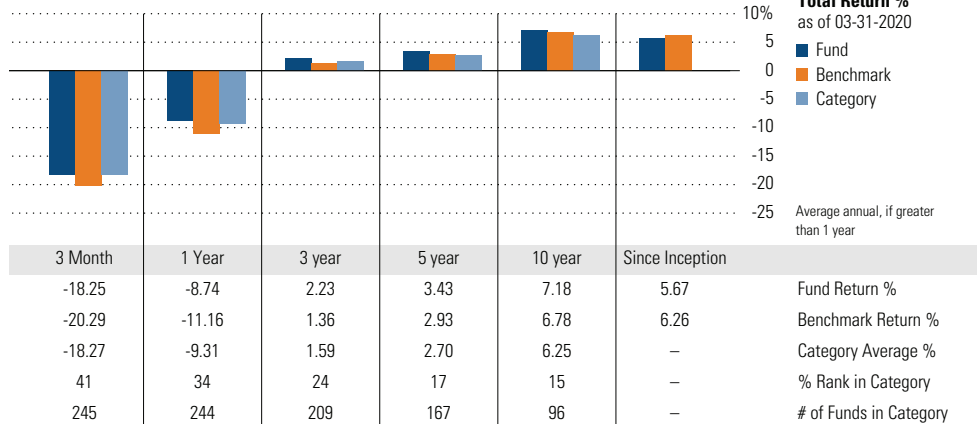
## Morningstar Investment Management LLC Analysis

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.

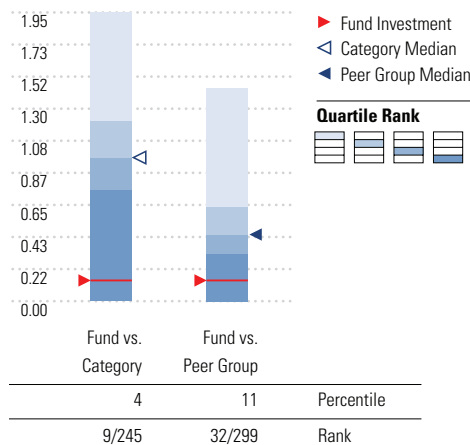
## Growth of \$10,000



## 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

	Fund	Bmark	Cat
Alpha	0.88	-	0.13
Beta	0.95	-	0.94
R-Squared	99.54	-	97.91
Standard Deviation	12.83	13.47	12.73
Sharpe Ratio	0.10	0.04	0.04
Tracking Error	1.10	-	1.85
Information Ratio	0.79	-	-0.01
Up Capture Ratio	99.64	-	94.72
Down Capture Ratio	94.34	-	93.91

## Portfolio Metrics

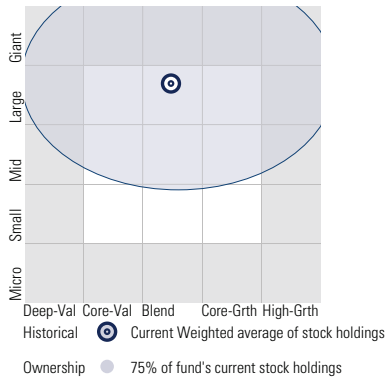
	Fund	Bmark	Cat
Price/Earnings Ratio	14.18	13.30	15.03
Price/Book Ratio	1.61	1.46	1.77
Avg Eff Duration	6.77	11.09	5.80

# Vanguard Target Retirement 2040 Inv VFORX

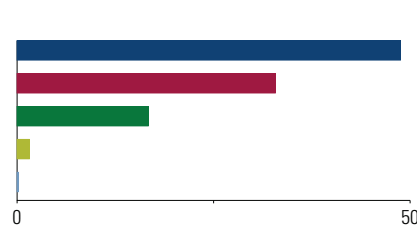
**Morningstar Category**  
Target-Date 2040

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

**Style Analysis** as of 03-31-2020  
Morningstar Style Box™

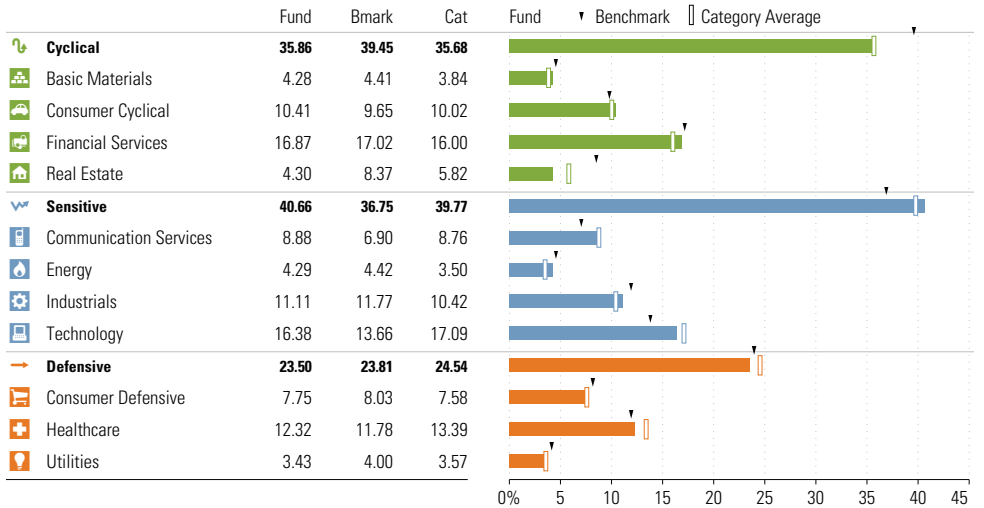


**Asset Allocation** as of 03-31-2020



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 03-31-2020



**Style Breakdown**



**Top 5 Holdings** as of 03-31-2020

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

**Total Holdings** 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2045 Inv VTIVX

Morningstar Category  
Target-Date 2045

Morningstar Index  
Morningstar Lifetime Mod 2045 TR  
USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 7.11 years.

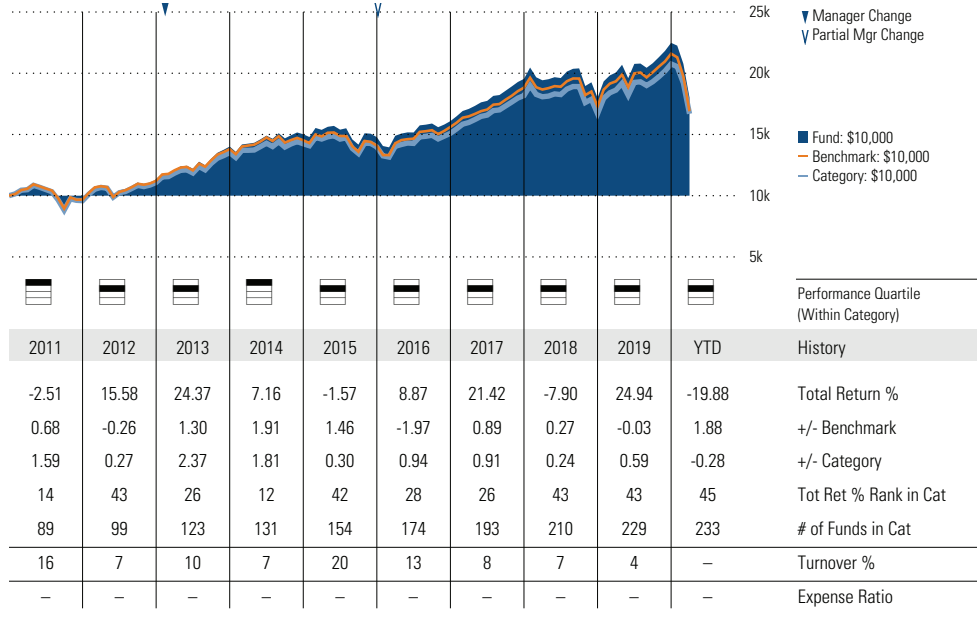
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.15 is 80.26% lower than the Target-Date 2045 category average.

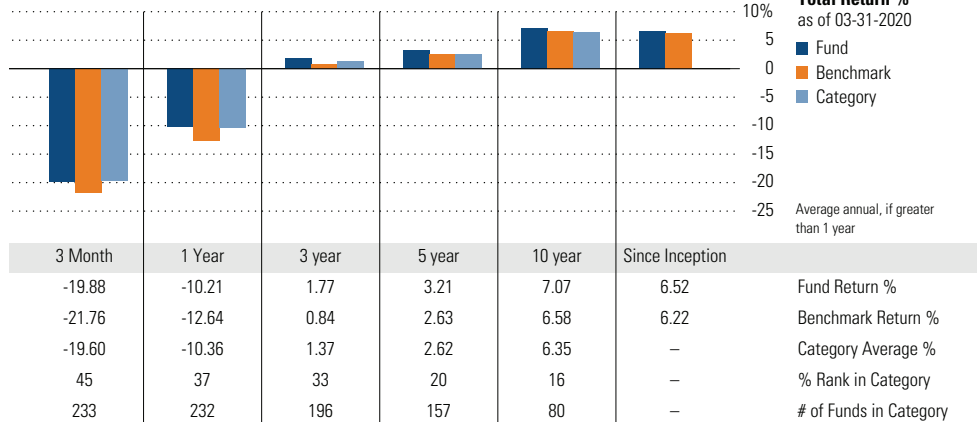
## Morningstar Investment Management LLC Analysis

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.

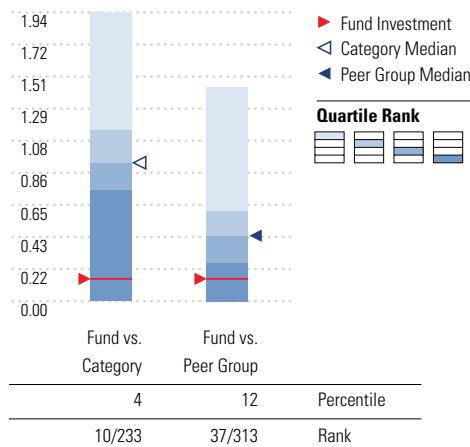
## Growth of \$10,000



## 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	0.92	-	0.40
Beta	0.96	-	0.95
R-Squared	99.55	-	98.88
Standard Deviation	13.75	14.23	13.62
Sharpe Ratio	0.07	0.01	0.03
Tracking Error	1.05	-	1.63
Information Ratio	0.89	-	0.14
Up Capture Ratio	100.97	-	97.13
Down Capture Ratio	95.69	-	94.80

## Portfolio Metrics

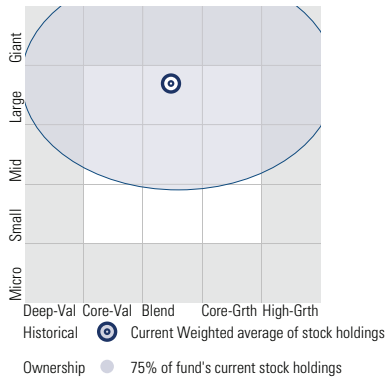
	Fund	Bmark	Cat
Price/Earnings Ratio	14.18	14.00	15.20
Price/Book Ratio	1.61	1.56	1.78
Avg Eff Duration	6.77	-	5.86

# Vanguard Target Retirement 2045 Inv VTIVX

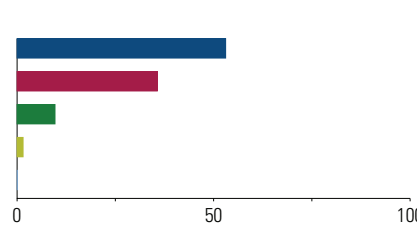
**Morningstar Category**  
Target-Date 2045

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

**Style Analysis** as of 03-31-2020  
Morningstar Style Box™

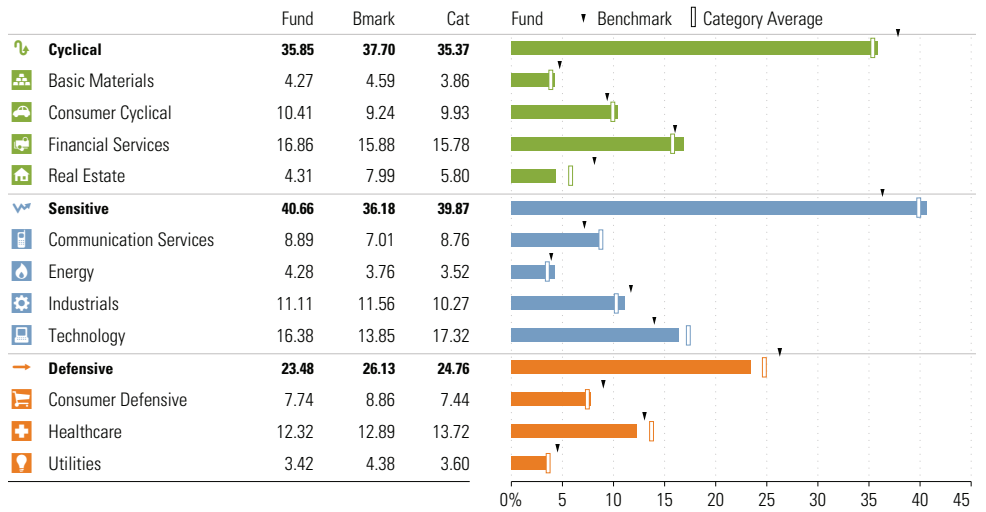


**Asset Allocation** as of 03-31-2020

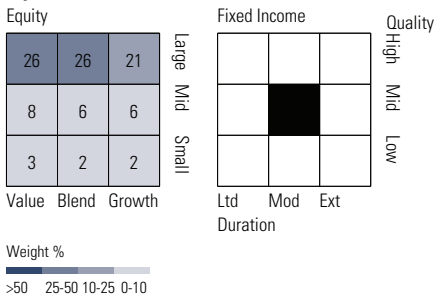


Asset Class	Net %	Cat%
US Stocks	53.06	54.57
Non-US Stocks	35.67	31.00
Bonds	9.64	6.76
Cash	1.52	2.38
Other	0.10	5.29
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2020



**Style Breakdown**



**Top 5 Holdings** as of 03-31-2020

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

**Total Holdings 5**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Target Retirement 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 7.11 years.

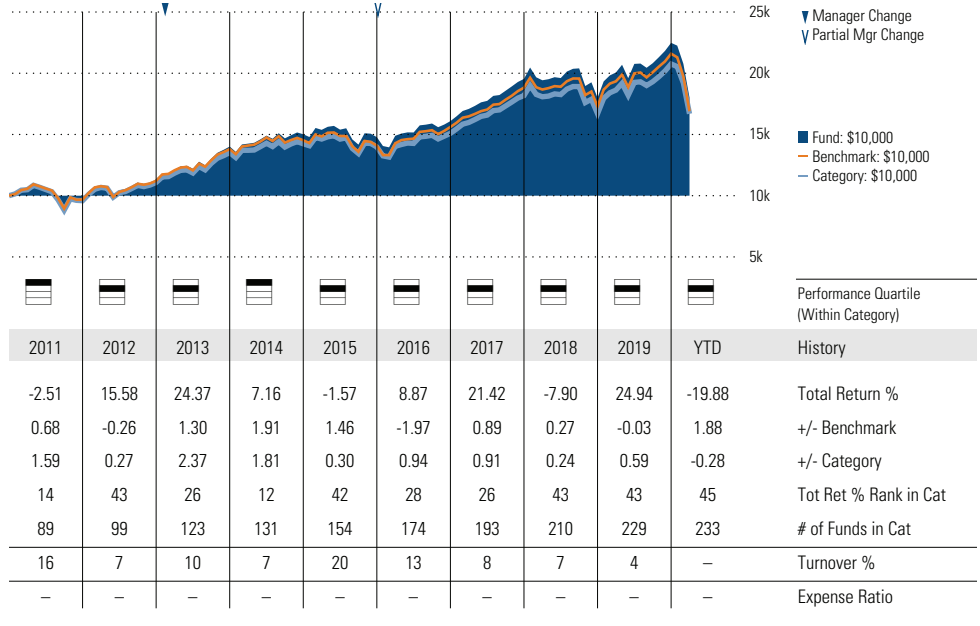
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.15 is 80.26% lower than the Target-Date 2045 category average.

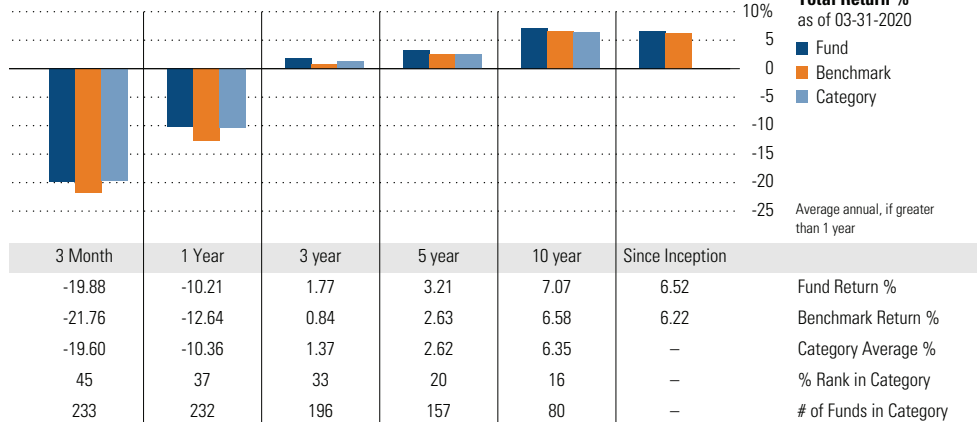
## Morningstar Investment Management LLC Analysis

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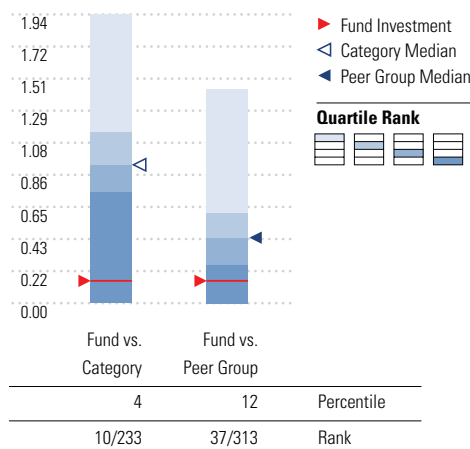
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.92	-	0.40
Beta	0.96	-	0.95
R-Squared	99.55	-	98.88
Standard Deviation	13.75	14.23	13.62
Sharpe Ratio	0.07	0.01	0.03
Tracking Error	1.05	-	1.63
Information Ratio	0.89	-	0.14
Up Capture Ratio	100.97	-	97.13
Down Capture Ratio	95.69	-	94.80

## Portfolio Metrics

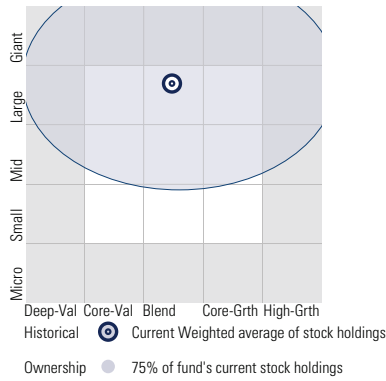
	Fund	Bmark	Cat
Price/Earnings Ratio	14.18	14.00	15.20
Price/Book Ratio	1.61	1.56	1.78
Avg Eff Duration	6.77	-	5.86

# Vanguard Target Retirement 2045 Inv VTIVX

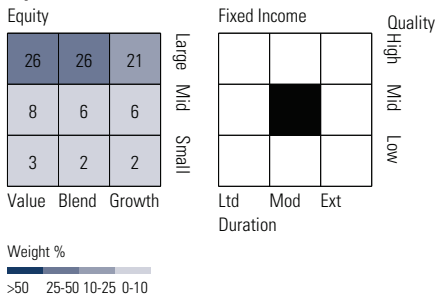
**Morningstar Category**  
Target-Date 2045

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

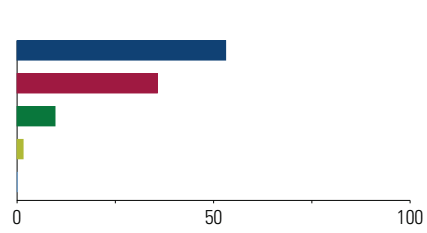
**Style Analysis** as of 03-31-2020  
Morningstar Style Box™



**Style Breakdown**

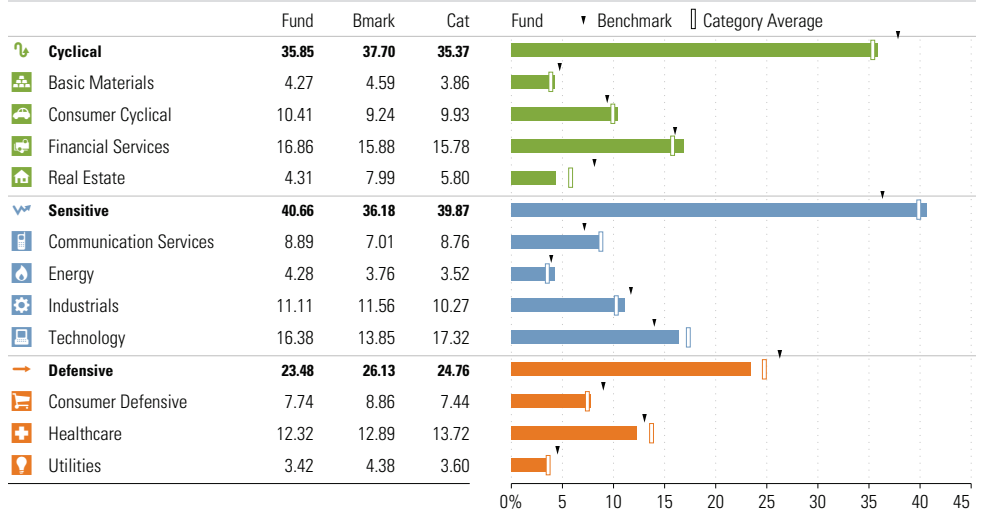


**Asset Allocation** as of 03-31-2020



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

**Sector Weighting** as of 03-31-2020



**Top 5 Holdings** as of 03-31-2020

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

**Total Holdings 5**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2050 Inv 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 7.11 years.

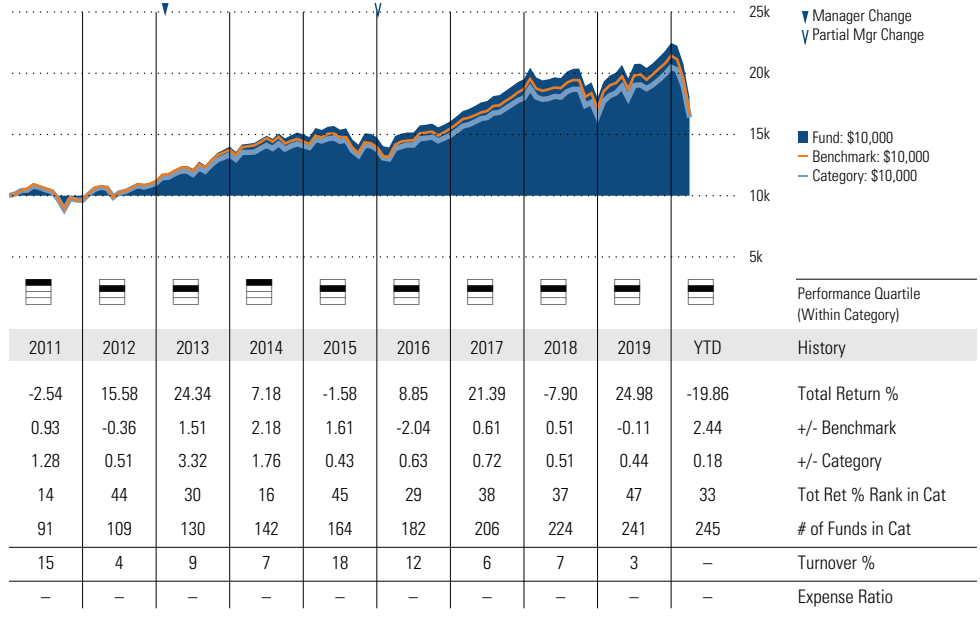
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

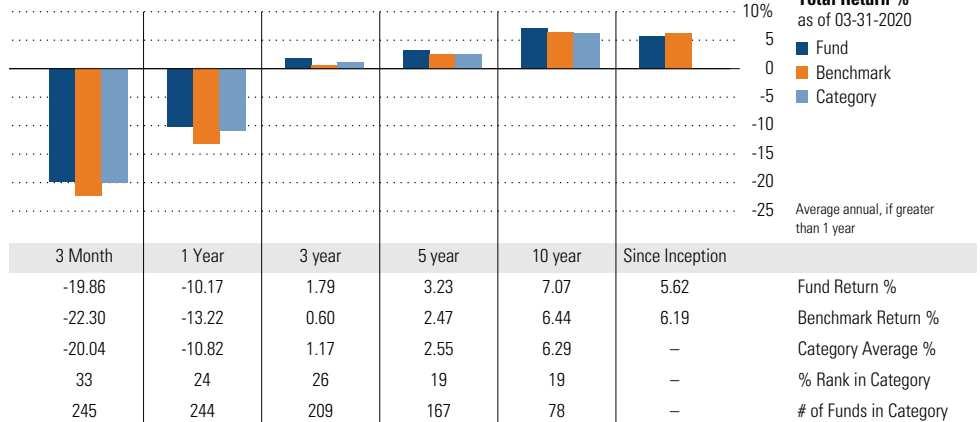
## Morningstar Investment Management LLC Analysis

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.

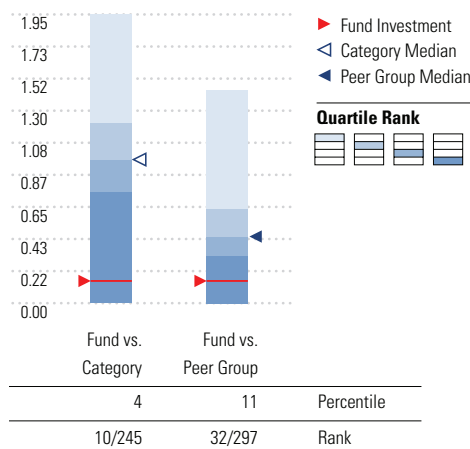
## Growth of \$10,000



## 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	1.15	-	0.46
Beta	0.95	-	0.94
R-Squared	99.47	-	97.94
Standard Deviation	13.75	14.47	13.74
Sharpe Ratio	0.07	-0.01	0.02
Tracking Error	1.26	-	1.88
Information Ratio	0.95	-	0.23
Up Capture Ratio	100.30	-	96.35
Down Capture Ratio	93.70	-	93.71

## Portfolio Metrics

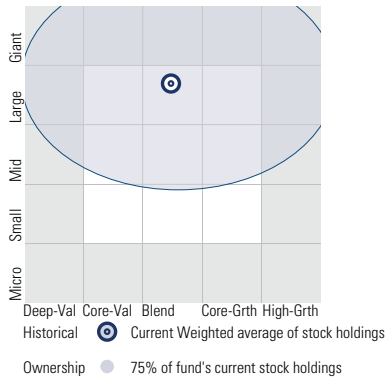
	Fund	Bmark	Cat
Price/Earnings Ratio	14.18	13.95	15.28
Price/Book Ratio	1.61	1.55	1.77
Avg Eff Duration	6.78	-	5.90

# Vanguard Target Retirement 2050 Inv VFIFX

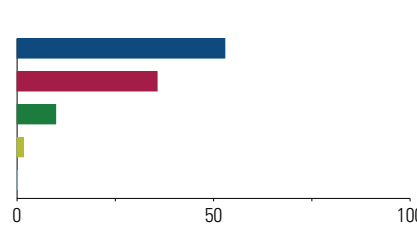
**Morningstar Category**  
Target-Date 2050

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

**Style Analysis** as of 03-31-2020  
Morningstar Style Box™

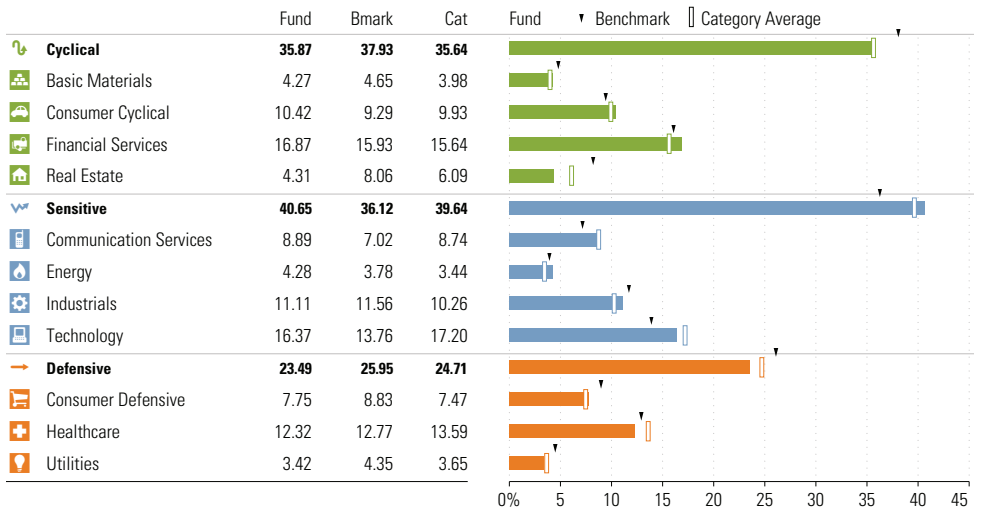


**Asset Allocation** as of 03-31-2020

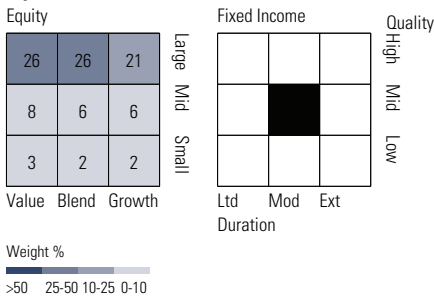


Asset Class	Net %	Cat%
US Stocks	52.85	53.96
Non-US Stocks	35.62	32.23
Bonds	9.81	5.91
Cash	1.61	2.28
Other	0.10	5.62
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2020



**Style Breakdown**



**Top 5 Holdings** as of 03-31-2020

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

**Total Holdings** 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 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 7.11 years.

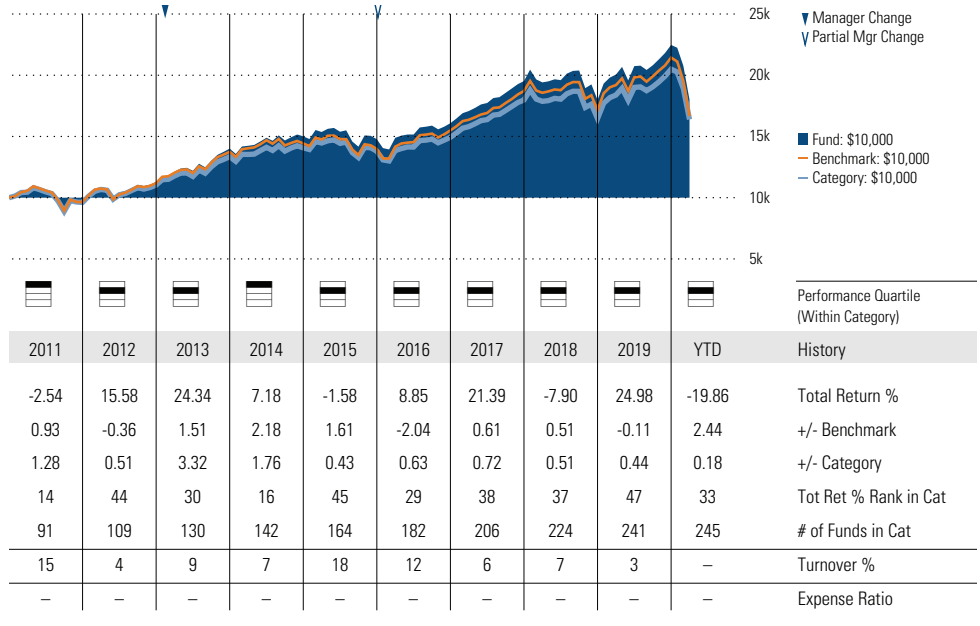
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

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

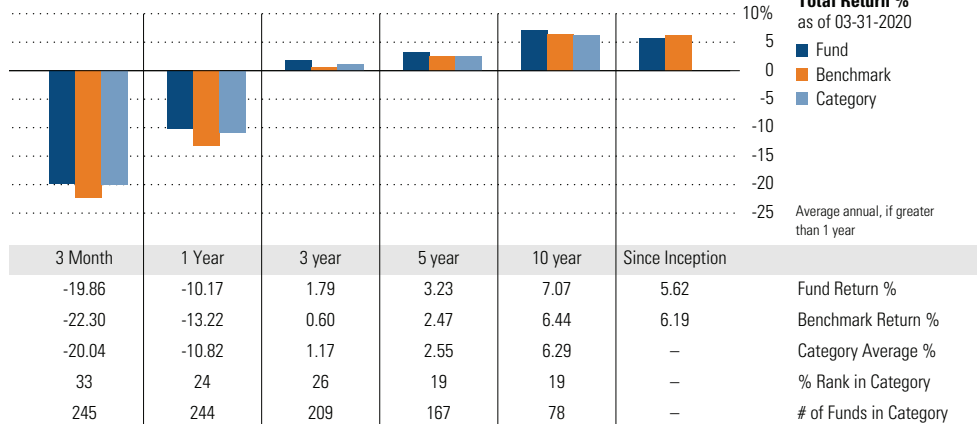
## Morningstar Investment Management LLC Analysis

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.

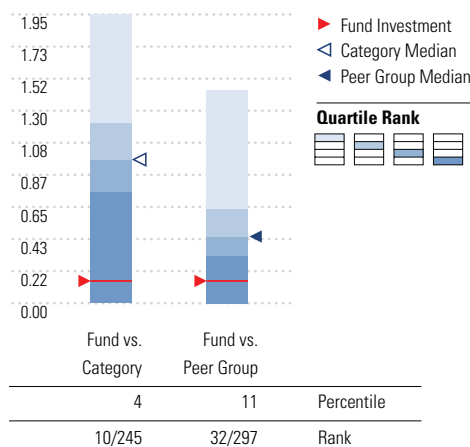
## Growth of \$10,000



## 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	1.15	-	0.46
Beta	0.95	-	0.94
R-Squared	99.47	-	97.94
Standard Deviation	13.75	14.47	13.74
Sharpe Ratio	0.07	-0.01	0.02
Tracking Error	1.26	-	1.88
Information Ratio	0.95	-	0.23
Up Capture Ratio	100.30	-	96.35
Down Capture Ratio	93.70	-	93.71

## Portfolio Metrics

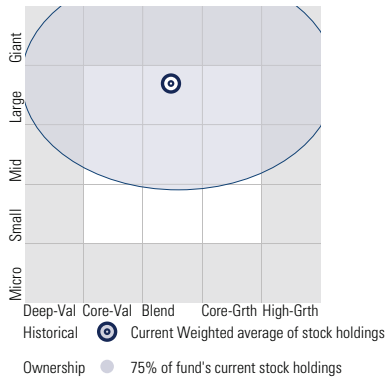
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	14.18	13.95	15.28
Price/Book Ratio	1.61	1.55	1.77
Avg Eff Duration	6.78	-	5.90

# Vanguard Target Retirement 2050 Inv VFIFX

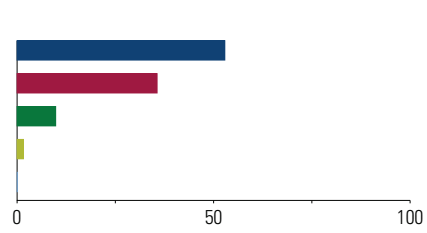
**Morningstar Category**  
Target-Date 2050

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

**Style Analysis** as of 03-31-2020  
Morningstar Style Box™

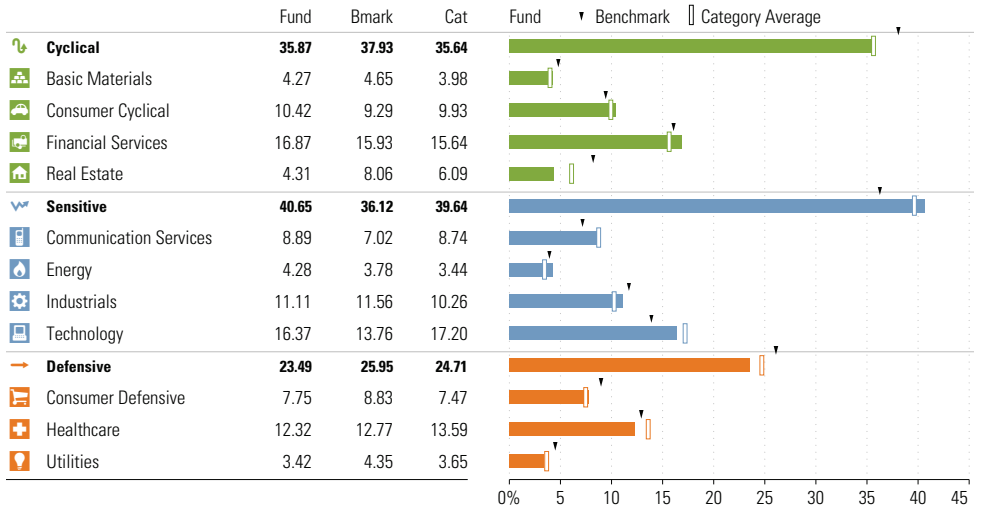


**Asset Allocation** as of 03-31-2020



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

**Sector Weighting** as of 03-31-2020



**Style Breakdown**



**Top 5 Holdings** as of 03-31-2020

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

**Total Holdings** 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2055 Inv VFFVX

**Morningstar Category**  
Target-Date 2055

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 7.11 years.

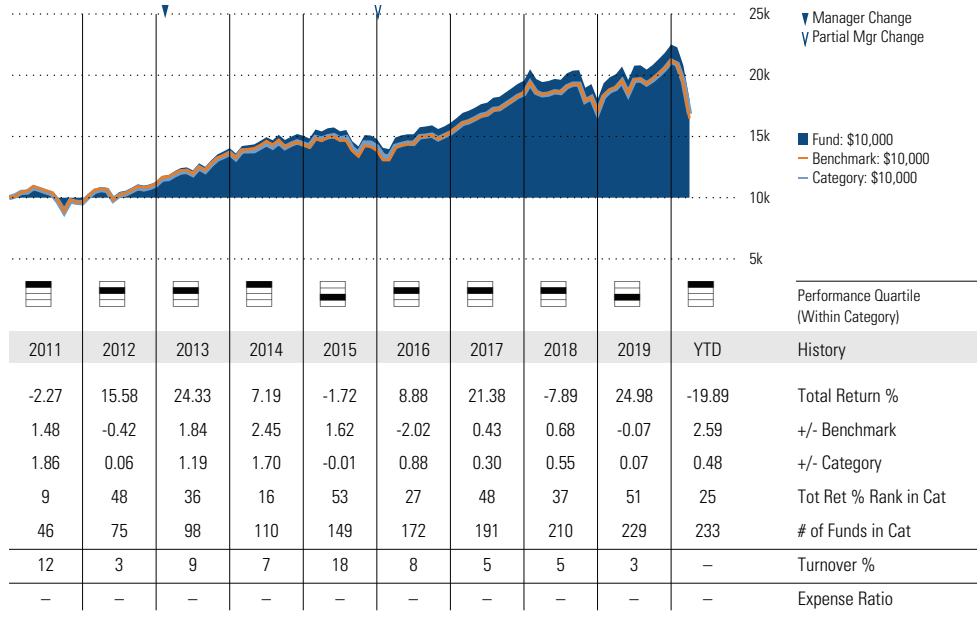
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.15 is 80.26% lower than the Target-Date 2055 category average.

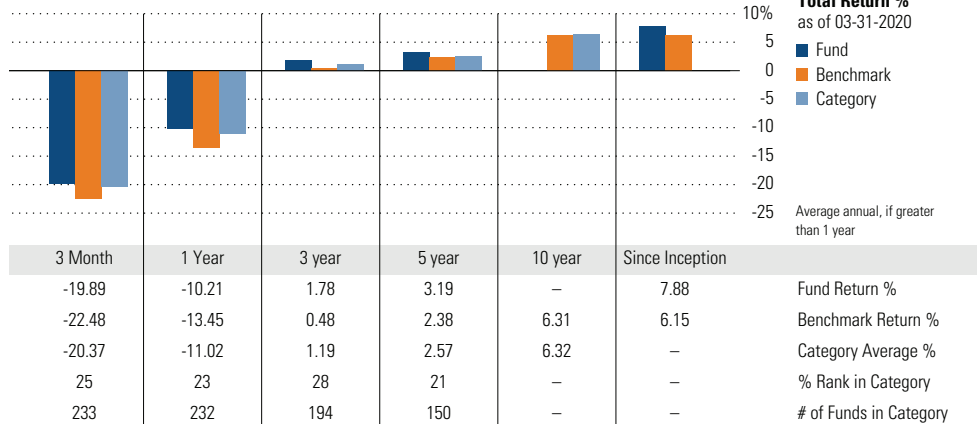
## Morningstar Investment Management LLC Analysis

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.

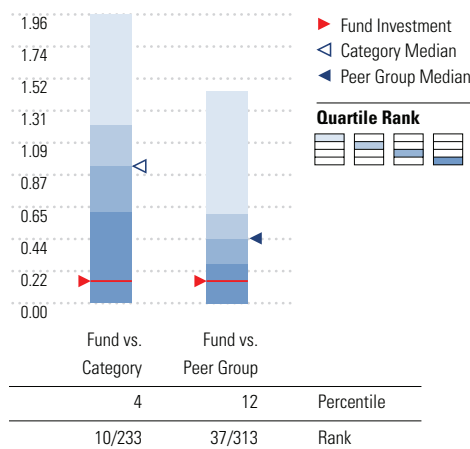
## Growth of \$10,000



## 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	1.25	-	0.61
Beta	0.94	-	0.96
R-Squared	99.46	-	98.85
Standard Deviation	13.75	14.55	14.01
Sharpe Ratio	0.07	-0.01	0.03
Tracking Error	1.31	-	1.65
Information Ratio	0.99	-	0.30
Up Capture Ratio	100.07	-	98.65
Down Capture Ratio	92.93	-	95.20

## Portfolio Metrics

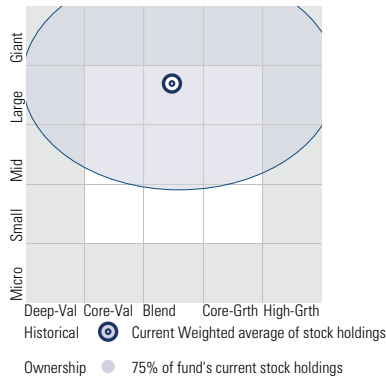
	Fund	Bmark	Cat
Price/Earnings Ratio	14.18	13.22	15.39
Price/Book Ratio	1.61	1.44	1.82
Avg Eff Duration	6.77	-	5.94

# Vanguard Target Retirement 2055 Inv VFFVX

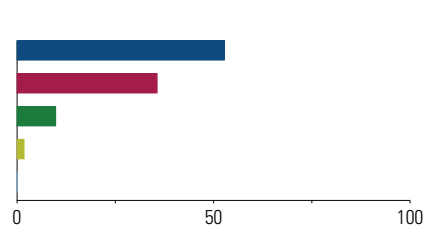
**Morningstar Category**  
Target-Date 2055

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

**Style Analysis** as of 03-31-2020  
Morningstar Style Box™

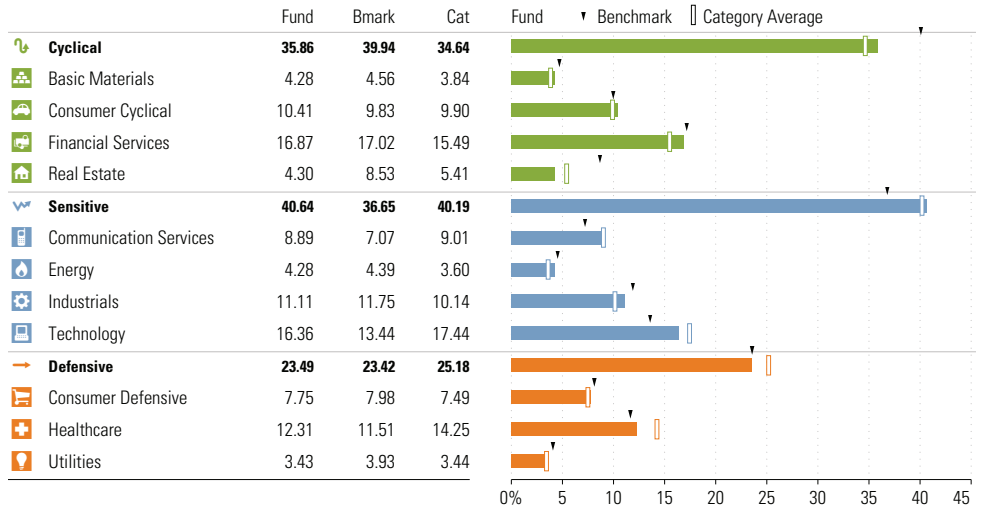


**Asset Allocation** as of 03-31-2020

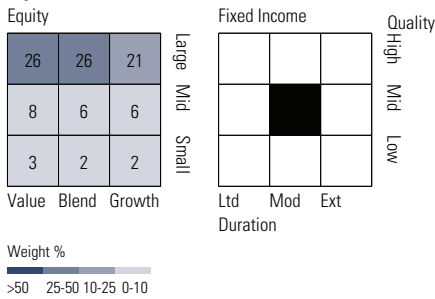


Asset Class	Net %	Cat%
US Stocks	52.70	55.53
Non-US Stocks	35.62	32.63
Bonds	9.81	5.86
Cash	1.76	2.92
Other	0.10	3.07
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2020



**Style Breakdown**



**Top 5 Holdings** as of 03-31-2020

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

**Total Holdings** 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Target Retirement 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 7.11 years.

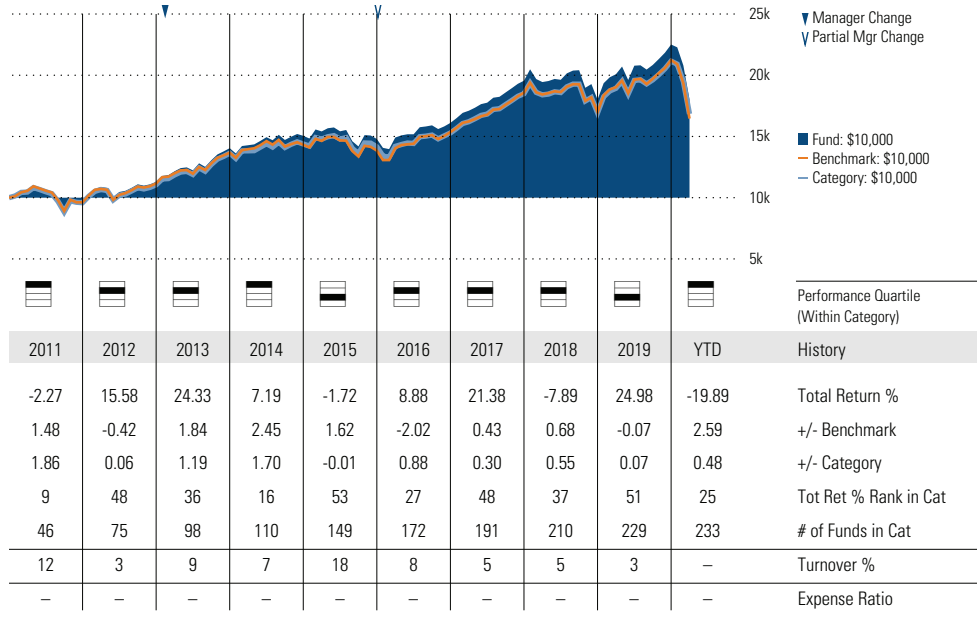
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.15 is 80.26% lower than the Target-Date 2055 category average.

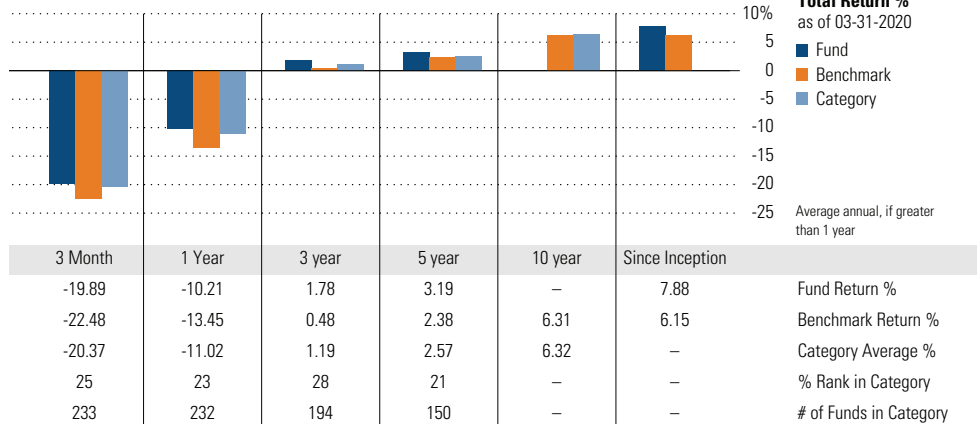
## Morningstar Investment Management LLC Analysis

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.

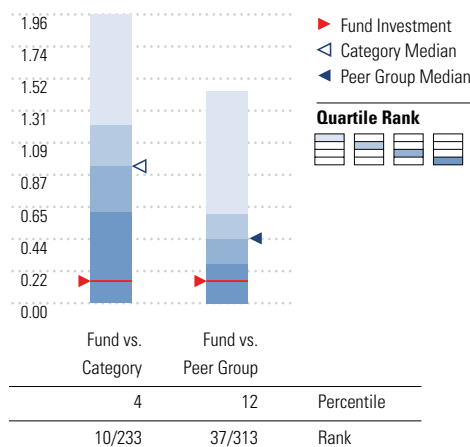
## Growth of \$10,000



## 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	1.25	-	0.61
Beta	0.94	-	0.96
R-Squared	99.46	-	98.85
Standard Deviation	13.75	14.55	14.01
Sharpe Ratio	0.07	-0.01	0.03
Tracking Error	1.31	-	1.65
Information Ratio	0.99	-	0.30
Up Capture Ratio	100.07	-	98.65
Down Capture Ratio	92.93	-	95.20

## Portfolio Metrics

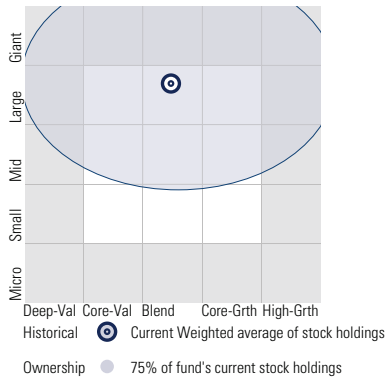
	Fund	Bmark	Cat
Price/Earnings Ratio	14.18	13.22	15.39
Price/Book Ratio	1.61	1.44	1.82
Avg Eff Duration	6.77	-	5.94

# Vanguard Target Retirement 2055 Inv VFFVX

**Morningstar Category**  
Target-Date 2055

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

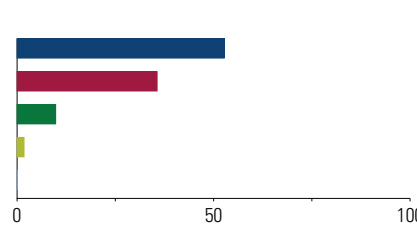
**Style Analysis** as of 03-31-2020  
Morningstar Style Box™



**Style Breakdown**

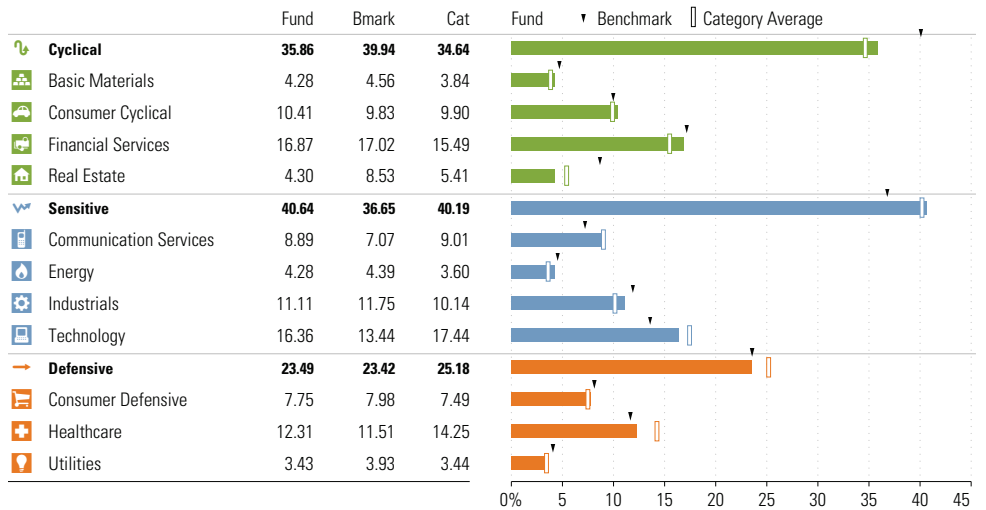


**Asset Allocation** as of 03-31-2020



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

**Sector Weighting** as of 03-31-2020



**Top 5 Holdings** as of 03-31-2020

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

**Total Holdings 5**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2060 Inv 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 7.11 years.

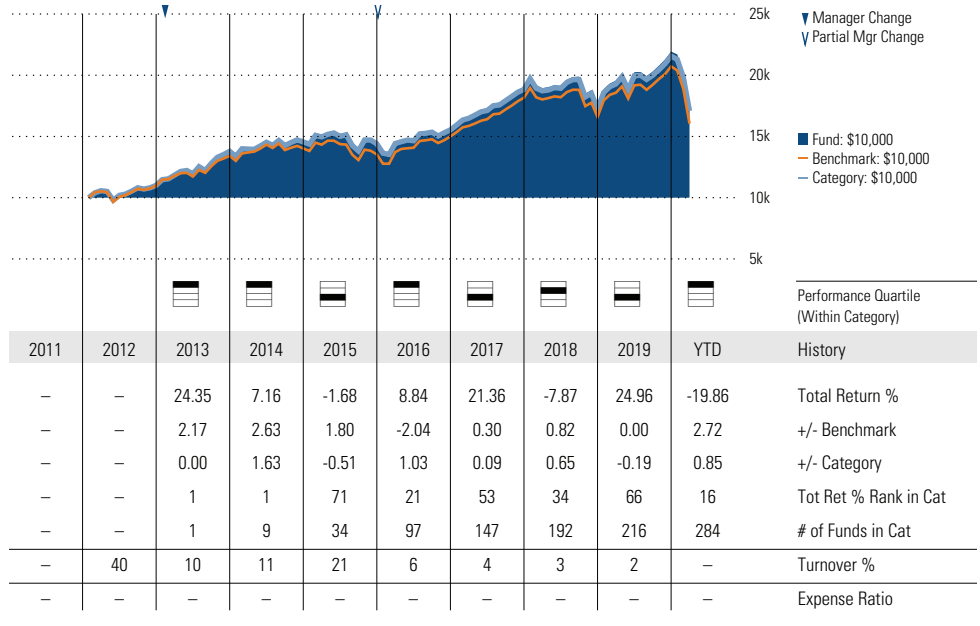
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.15 is 80% lower than the Target-Date 2060+ category average.

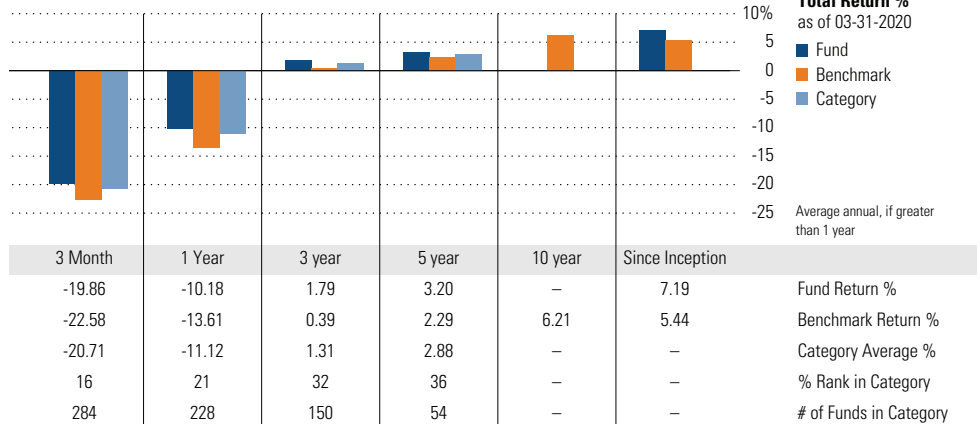
## Morningstar Investment Management LLC Analysis

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.

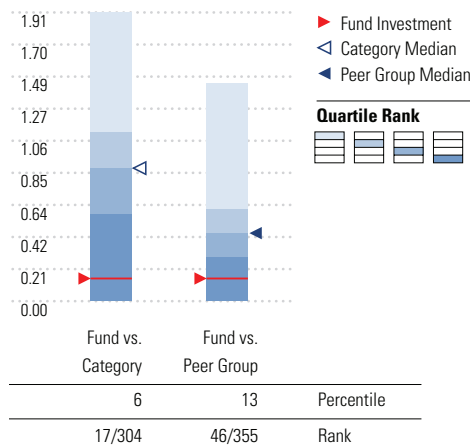
## Growth of \$10,000



## 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	1.35	-	0.85
Beta	0.94	-	0.96
R-Squared	99.39	-	98.71
Standard Deviation	13.75	14.58	14.07
Sharpe Ratio	0.07	-0.02	0.04
Tracking Error	1.38	-	1.74
Information Ratio	1.01	-	0.42
Up Capture Ratio	100.32	-	99.78
Down Capture Ratio	92.63	-	94.99

## Portfolio Metrics

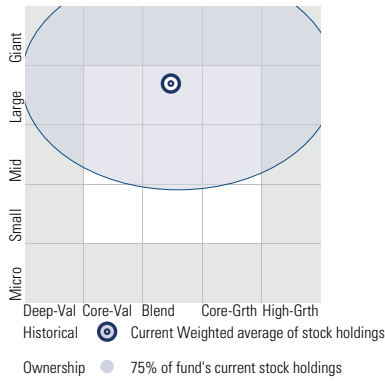
	Fund	Bmark	Cat
Price/Earnings Ratio	14.16	13.86	15.38
Price/Book Ratio	1.61	1.53	1.82
Avg Eff Duration	6.78	-	5.93

# Vanguard Target Retirement 2060 Inv VTTSX

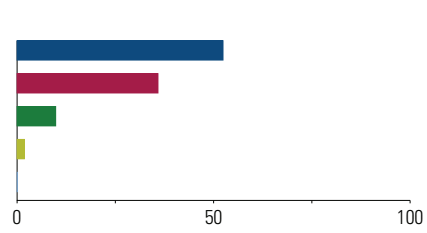
**Morningstar Category**  
Target-Date 2060+

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

**Style Analysis** as of 03-31-2020  
Morningstar Style Box™

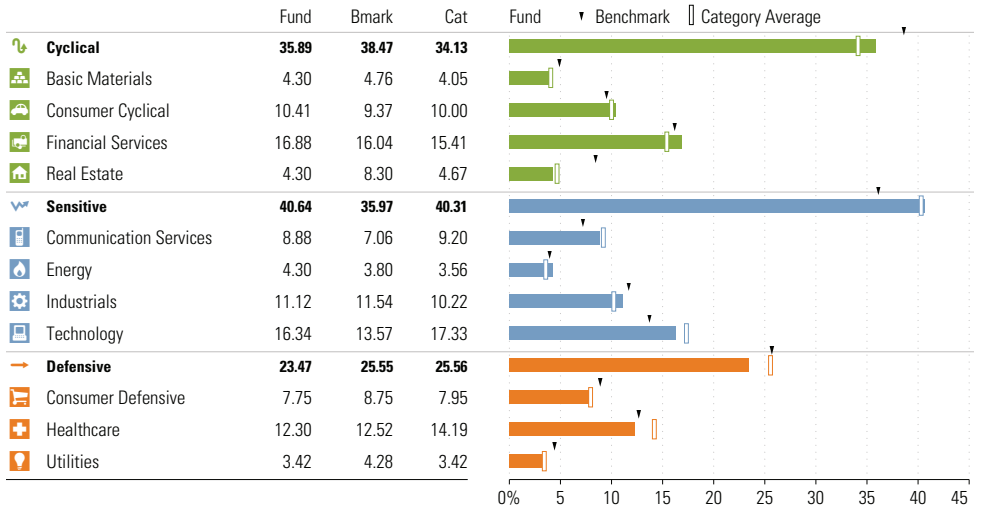


**Asset Allocation** as of 03-31-2020

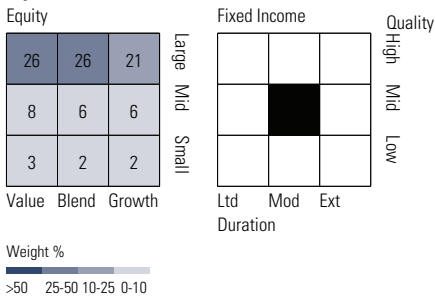


Asset Class	Net %	Cat%
US Stocks	52.39	53.21
Non-US Stocks	35.84	33.71
Bonds	9.81	7.63
Cash	1.85	2.83
Other	0.10	2.61
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2020



**Style Breakdown**



**Top 5 Holdings** as of 03-31-2020

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

**Total Holdings 5**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2060 Inv VTTX

**Morningstar Category**  
Target-Date 2060+

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

## Portfolio Manager(s)

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

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2060+ category's top three quartiles in 7 of the 7 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.11 years.

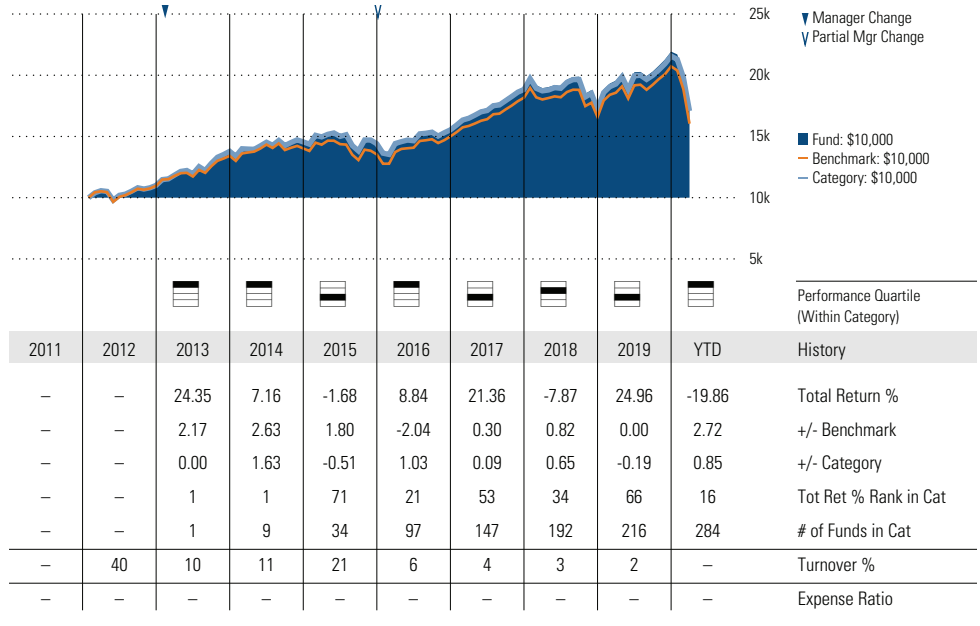
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.15 is 80% lower than the Target-Date 2060+ category average.

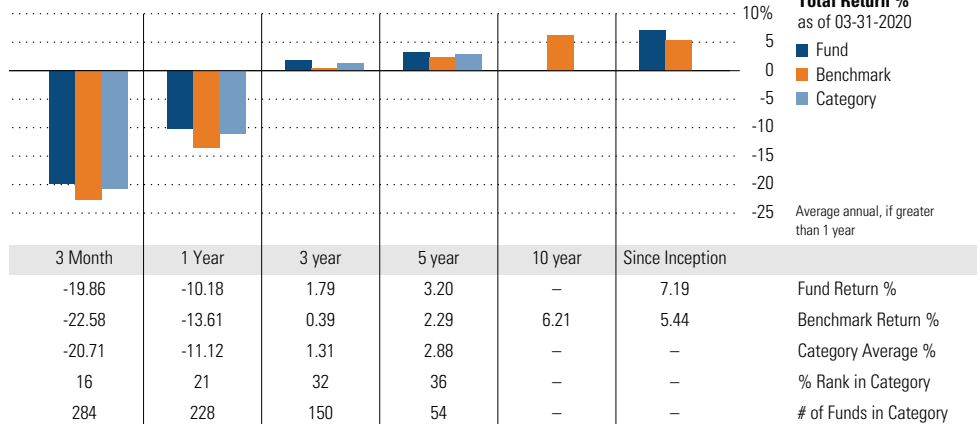
## Morningstar Investment Management LLC Analysis

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.

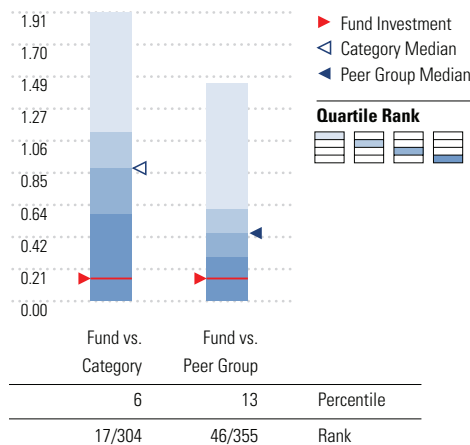
## Growth of \$10,000



## 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	1.35	-	0.85
Beta	0.94	-	0.96
R-Squared	99.39	-	98.71
Standard Deviation	13.75	14.58	14.07
Sharpe Ratio	0.07	-0.02	0.04
Tracking Error	1.38	-	1.74
Information Ratio	1.01	-	0.42
Up Capture Ratio	100.32	-	99.78
Down Capture Ratio	92.63	-	94.99

## Portfolio Metrics

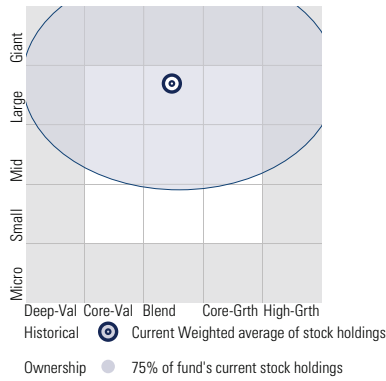
	Fund	Bmark	Cat
Price/Earnings Ratio	14.16	13.86	15.38
Price/Book Ratio	1.61	1.53	1.82
Avg Eff Duration	6.78	-	5.93

# Vanguard Target Retirement 2060 Inv VTTSX

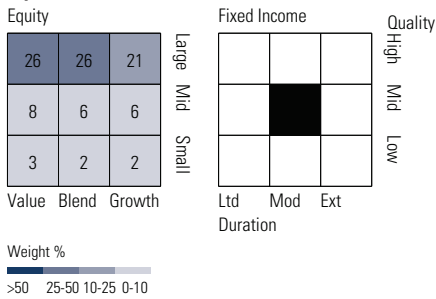
**Morningstar Category**  
Target-Date 2060+

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

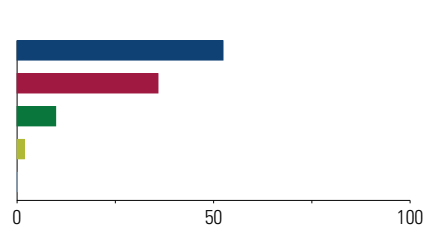
**Style Analysis** as of 03-31-2020  
Morningstar Style Box™



**Style Breakdown**



**Asset Allocation** as of 03-31-2020



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

**Sector Weighting** as of 03-31-2020

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

**Top 5 Holdings** as of 03-31-2020

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

**Total Holdings** 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement 2065 Inv VLXVX

**Morningstar Category**  
Target-Date 2060+

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

## Portfolio Manager(s)

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

## Quantitative Screens

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.

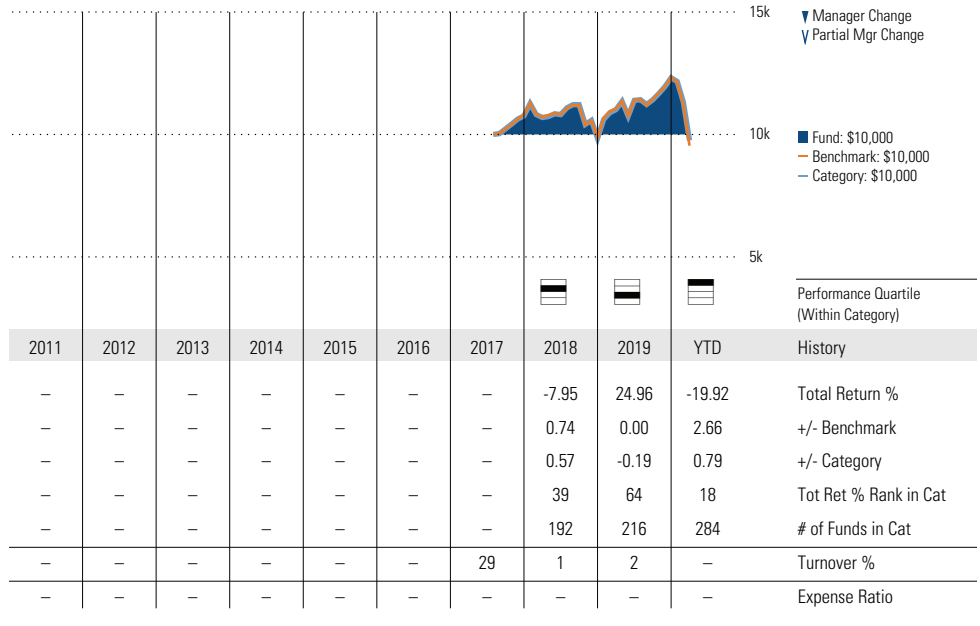
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.15 is 80% lower than the Target-Date 2060+ category average.

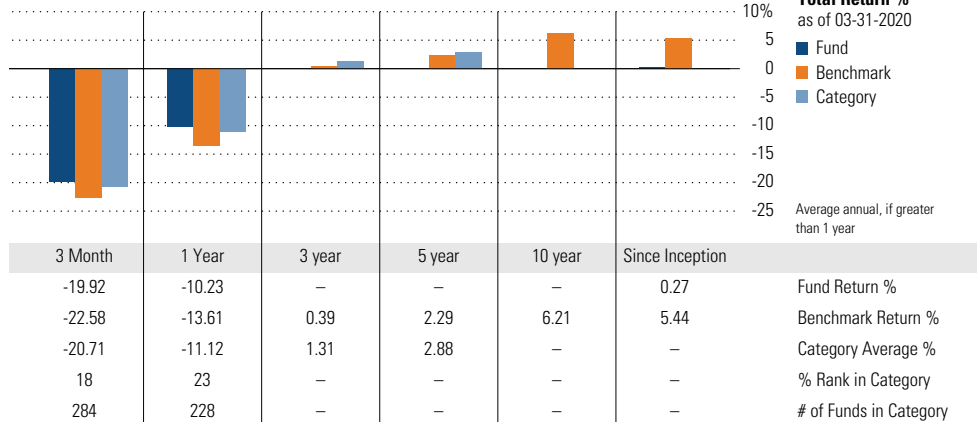
## Morningstar Investment Management LLC Analysis

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.

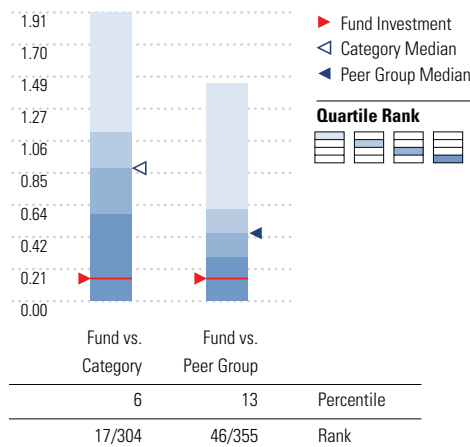
## Growth of \$10,000



## 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	-	-	0.85
Beta	-	-	0.96
R-Squared	-	-	98.71
Standard Deviation	-	14.58	14.07
Sharpe Ratio	-	-0.02	0.04
Tracking Error	-	-	1.74
Information Ratio	-	-	0.42
Up Capture Ratio	-	-	99.78
Down Capture Ratio	-	-	94.99

## Portfolio Metrics

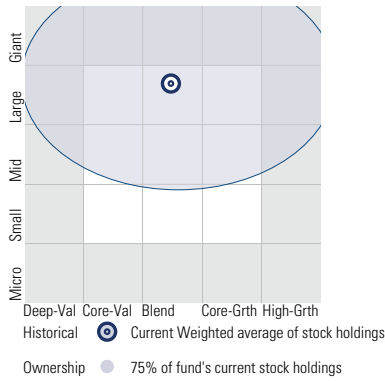
	Fund	Bmark	Cat
Price/Earnings Ratio	14.17	13.86	15.38
Price/Book Ratio	1.61	1.53	1.82
Avg Eff Duration	6.78	-	5.93

# Vanguard Target Retirement 2065 Inv VLXVX

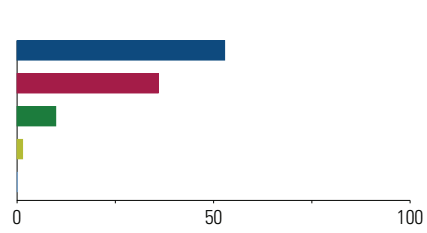
**Morningstar Category**  
Target-Date 2060+

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

**Style Analysis** as of 03-31-2020  
Morningstar Style Box™

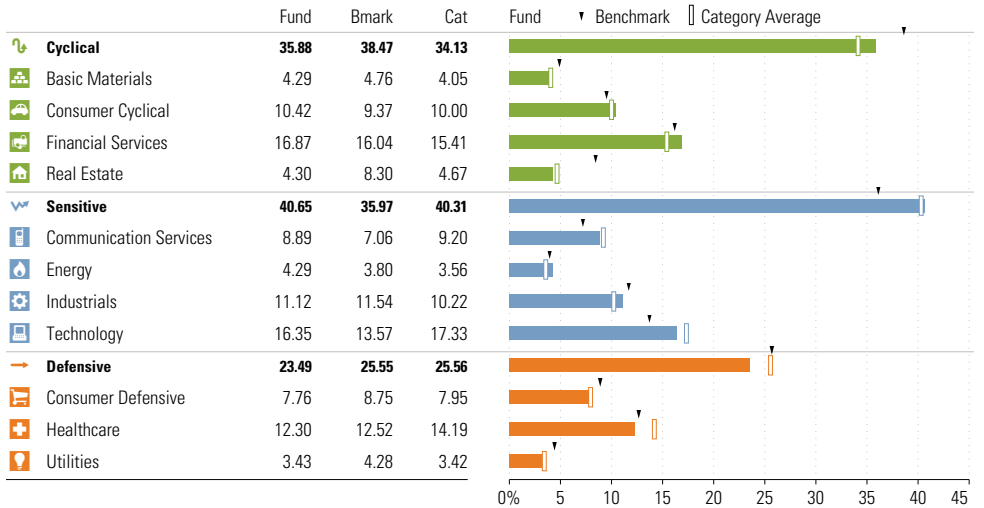


**Asset Allocation** as of 03-31-2020

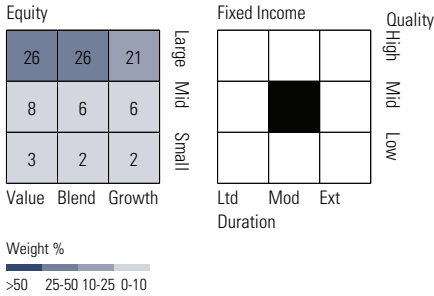


Asset Class	Net %	Cat%
US Stocks	52.80	53.21
Non-US Stocks	35.89	33.71
Bonds	9.82	7.63
Cash	1.39	2.83
Other	0.10	2.61
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2020



**Style Breakdown**



**Top 5 Holdings** as of 03-31-2020

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

**Total Holdings** 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Target Retirement 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.

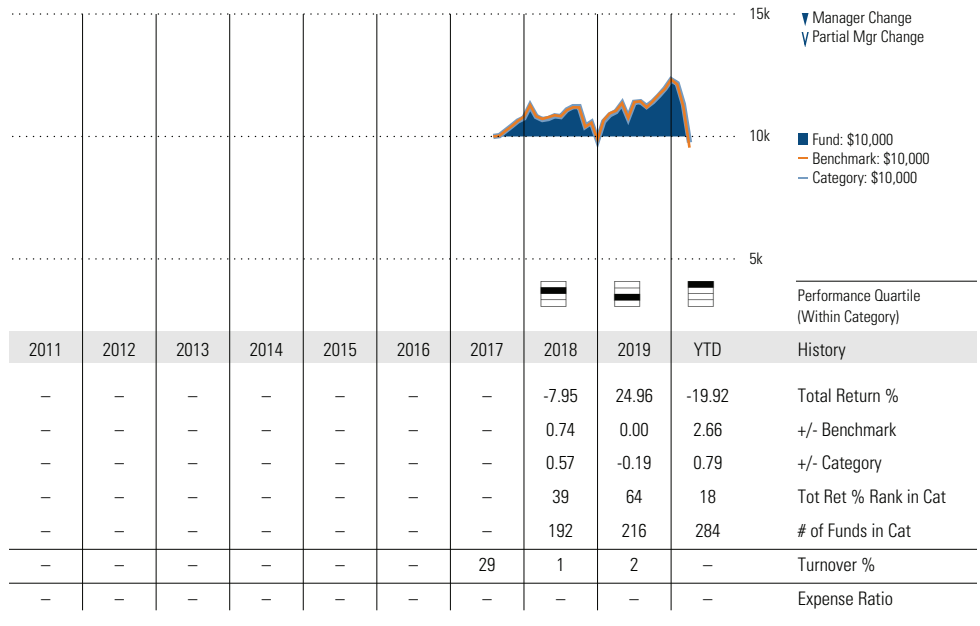
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.15 is 80% lower than the Target-Date 2060+ category average.

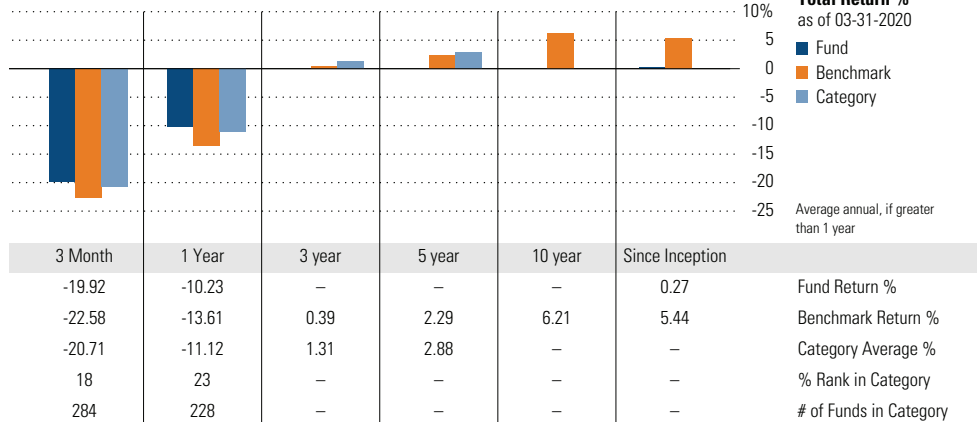
## Morningstar Investment Management LLC Analysis

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.

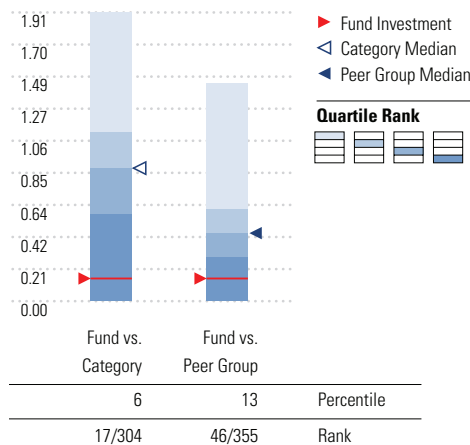
## Growth of \$10,000



## 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	-	-	0.85
Beta	-	-	0.96
R-Squared	-	-	98.71
Standard Deviation	-	14.58	14.07
Sharpe Ratio	-	-0.02	0.04
Tracking Error	-	-	1.74
Information Ratio	-	-	0.42
Up Capture Ratio	-	-	99.78
Down Capture Ratio	-	-	94.99

## Portfolio Metrics

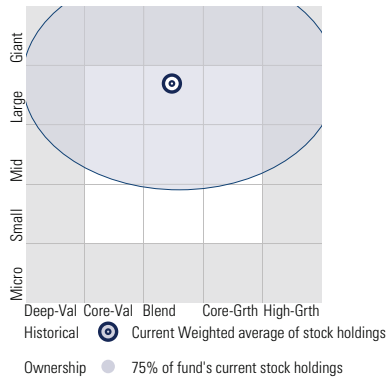
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	14.17	13.86	15.38
Price/Book Ratio	1.61	1.53	1.82
Avg Eff Duration	6.78	-	5.93

# Vanguard Target Retirement 2065 Inv VLXVX

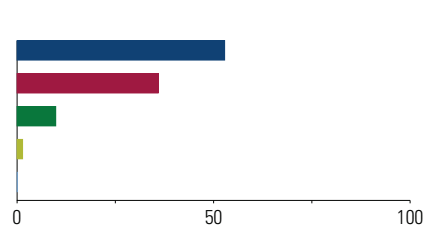
**Morningstar Category**  
Target-Date 2060+

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

**Style Analysis** as of 03-31-2020  
Morningstar Style Box™

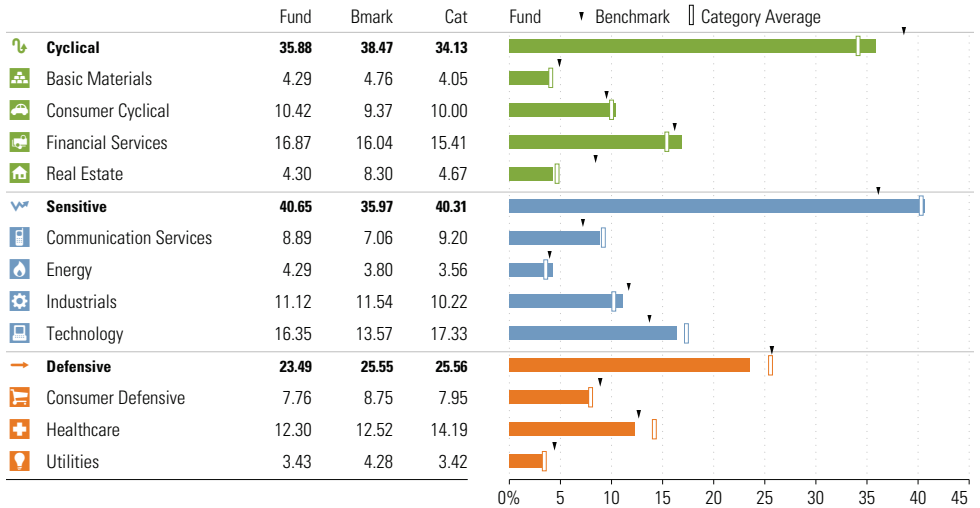


**Asset Allocation** as of 03-31-2020

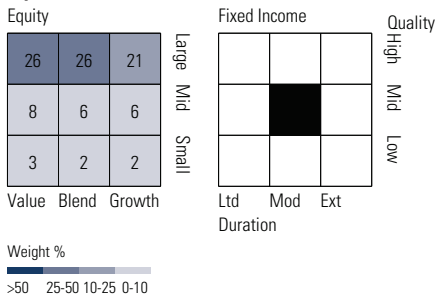


Asset Class	Net %	Cat%
US Stocks	52.80	53.21
Non-US Stocks	35.89	33.71
Bonds	9.82	7.63
Cash	1.39	2.83
Other	0.10	2.61
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2020



**Style Breakdown**



**Top 5 Holdings** as of 03-31-2020

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

**Total Holdings** 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Target Retirement Income Inv VTINX

**Morningstar Category**  
Target-Date Retirement

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 7.11 years.

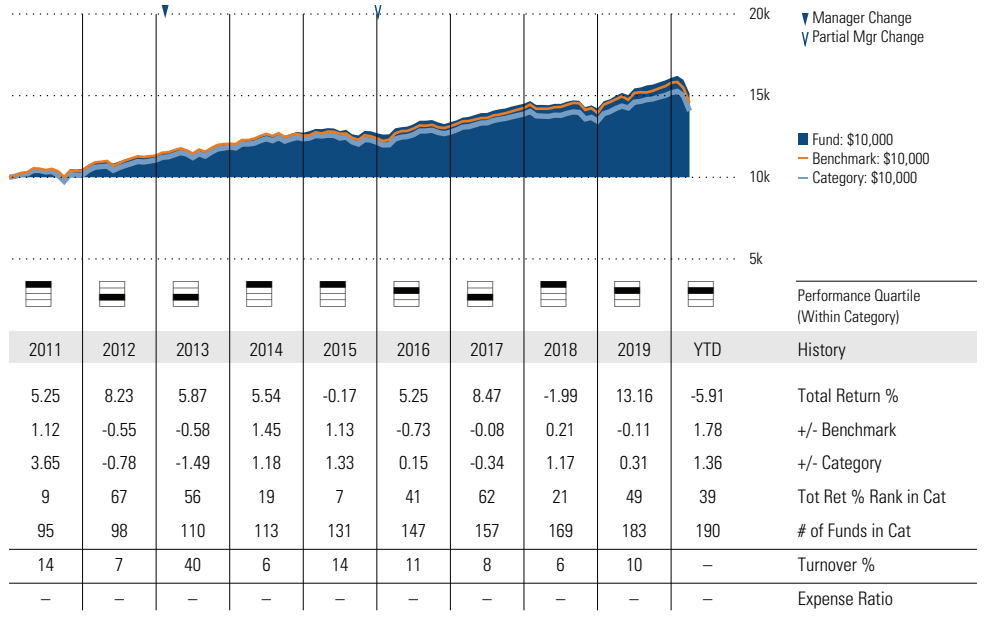
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.12 is 84.21% lower than the Target-Date Retirement category average.

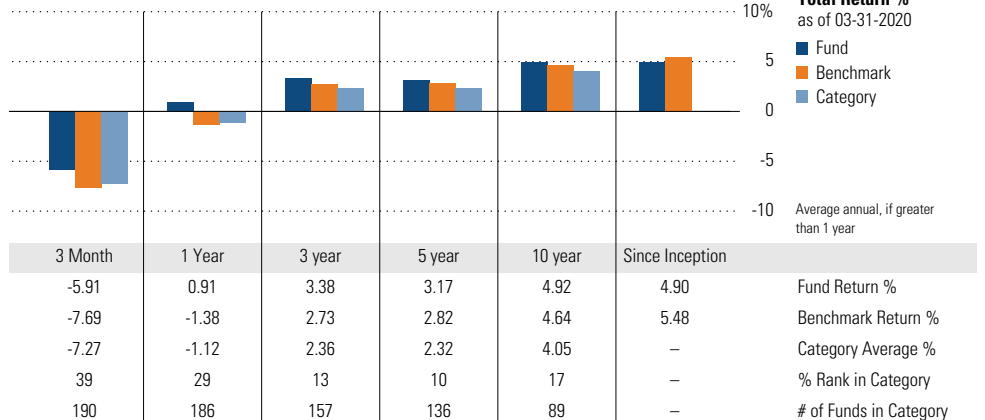
## Morningstar Investment Management LLC Analysis

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.

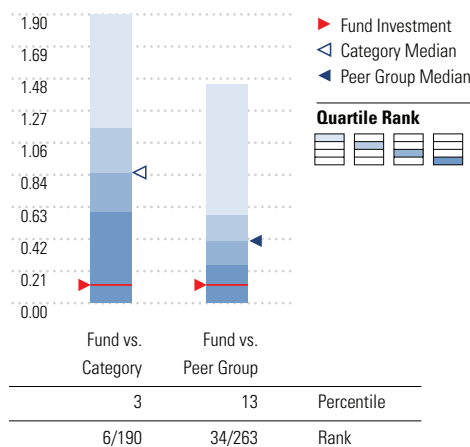
## Growth of \$10,000



## 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	1.00	-	-0.68
Beta	0.86	-	1.01
R-Squared	96.85	-	92.77
Standard Deviation	4.94	5.67	5.91
Sharpe Ratio	0.35	0.20	0.09
Tracking Error	1.19	-	1.90
Information Ratio	0.55	-	-0.31
Up Capture Ratio	92.07	-	89.21
Down Capture Ratio	77.19	-	96.32

## Portfolio Metrics

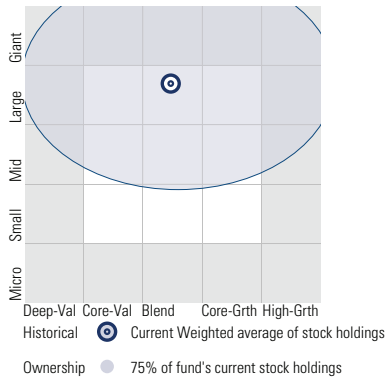
	Fund	Bmark	Cat
Price/Earnings Ratio	14.14	14.63	15.04
Price/Book Ratio	1.60	1.69	1.76
Avg Eff Duration	5.79	4.99	5.35

# Vanguard Target Retirement Income Inv VTINX

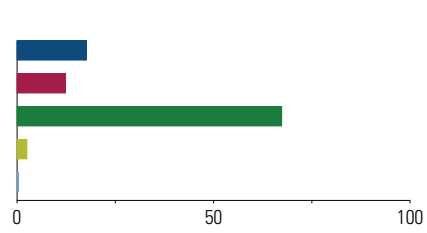
**Morningstar Category**  
Target-Date Retirement

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

**Style Analysis** as of 03-31-2020  
Morningstar Style Box™

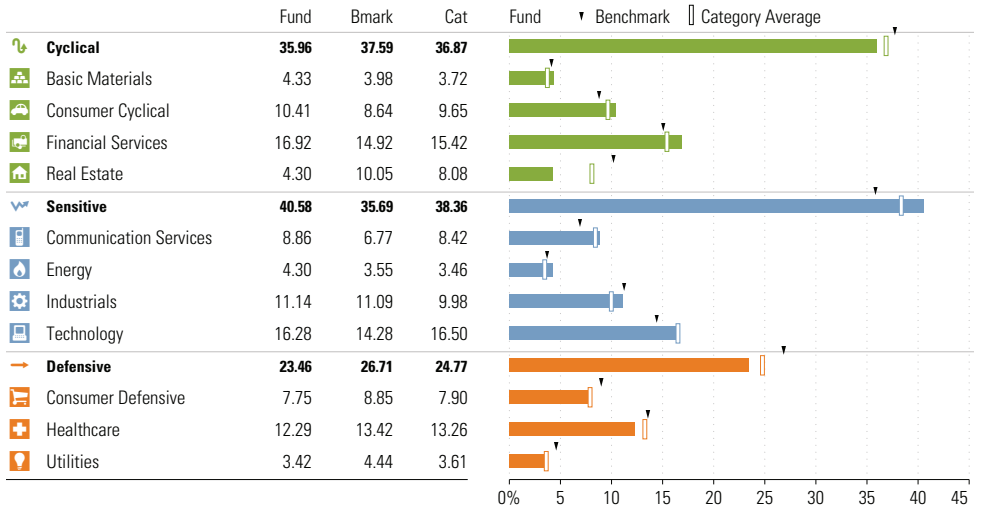


**Asset Allocation** as of 03-31-2020

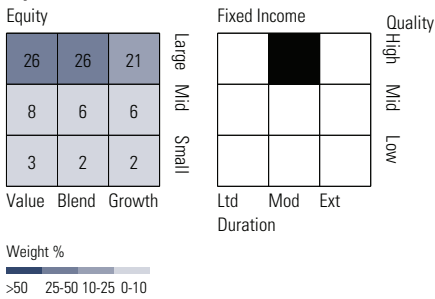


Asset Class	Net %	Cat%
US Stocks	17.59	19.28
Non-US Stocks	12.29	9.68
Bonds	67.31	56.08
Cash	2.48	5.53
Other	0.31	9.43
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2020



**Style Breakdown**



**Top 6 Holdings** as of 03-31-2020

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

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# 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 7.11 years.

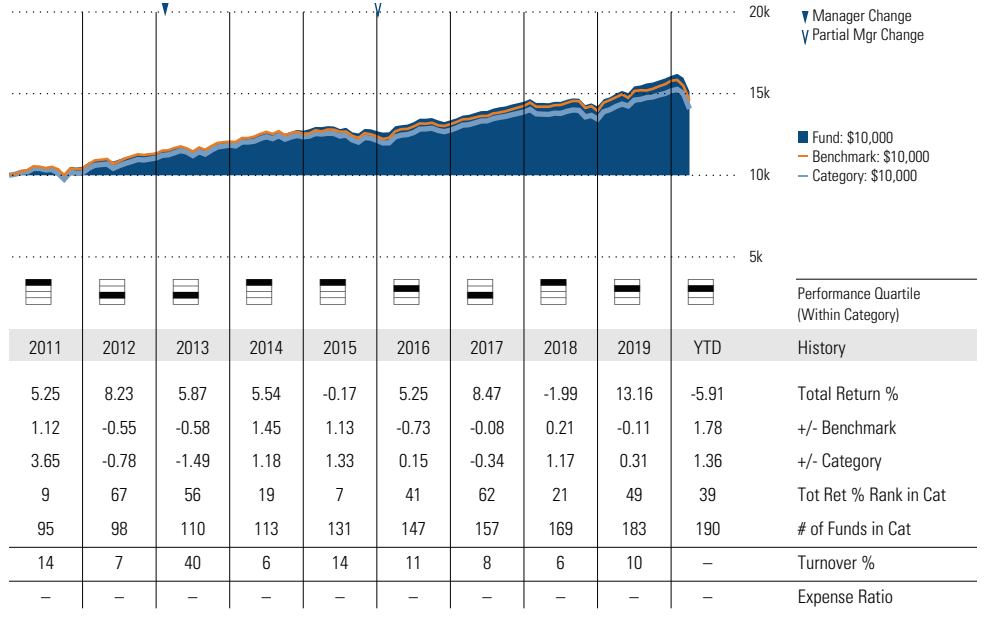
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.12 is 84.21% lower than the Target-Date Retirement category average.

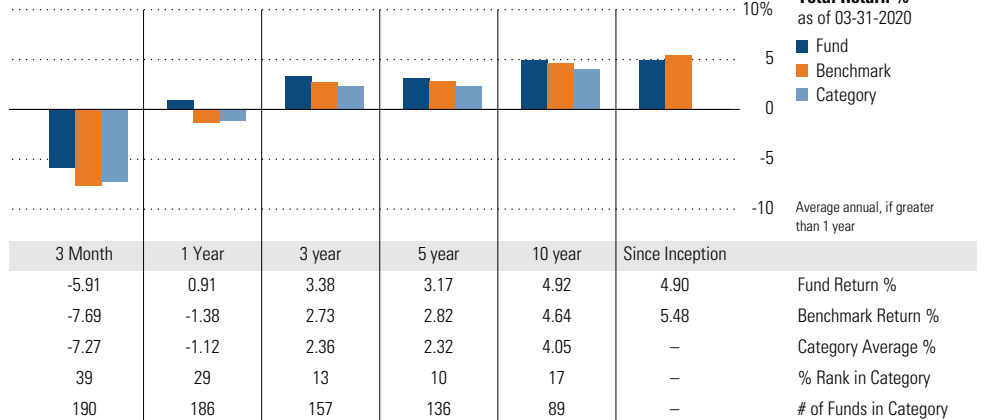
## Morningstar Investment Management LLC Analysis

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.

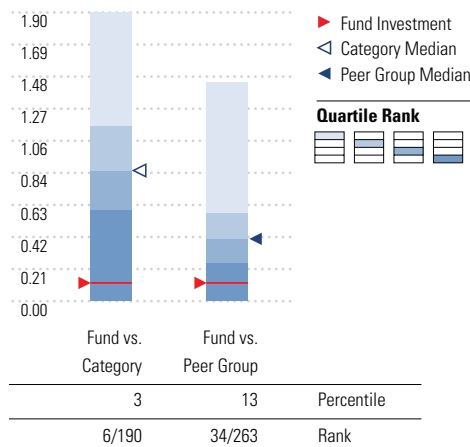
## Growth of \$10,000



## 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

Metric	Fund	Bmark	Cat
Alpha	1.00	-	-0.68
Beta	0.86	-	1.01
R-Squared	96.85	-	92.77
Standard Deviation	4.94	5.67	5.91
Sharpe Ratio	0.35	0.20	0.09
Tracking Error	1.19	-	1.90
Information Ratio	0.55	-	-0.31
Up Capture Ratio	92.07	-	89.21
Down Capture Ratio	77.19	-	96.32

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	14.14	14.63	15.04
Price/Book Ratio	1.60	1.69	1.76
Avg Eff Duration	5.79	4.99	5.35

# Vanguard Target Retirement Income Inv VTINX

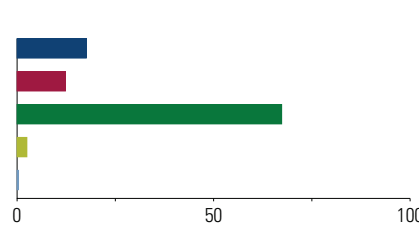
**Morningstar Category**  
Target-Date Retirement

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

**Style Analysis** as of 03-31-2020  
Morningstar Style Box™

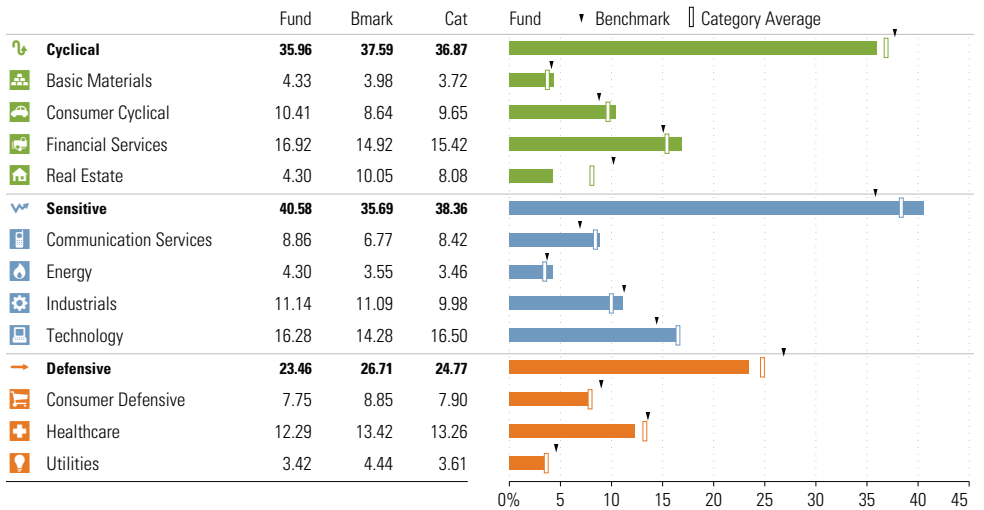


**Asset Allocation** as of 03-31-2020

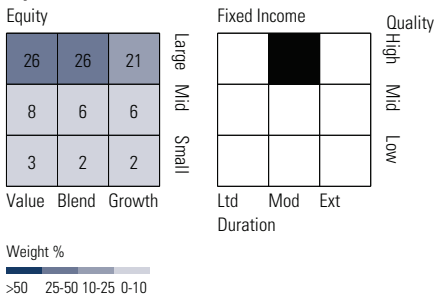


Asset Class	Net %	Cat%
US Stocks	17.59	19.28
Non-US Stocks	12.29	9.68
Bonds	67.31	56.08
Cash	2.48	5.53
Other	0.31	9.43
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2020



**Style Breakdown**



**Top 6 Holdings** as of 03-31-2020

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

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Wells Fargo Small Company Growth Inst WSCGX

**Morningstar Category**  
Small Growth

**Morningstar Index**  
Russell 2000 Growth TR USD

## Portfolio Manager(s)

Paul von Kuster since 11-1994  
Daniel Hagen since 02-2003  
William Grierson since 04-2005

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 25.4 years.

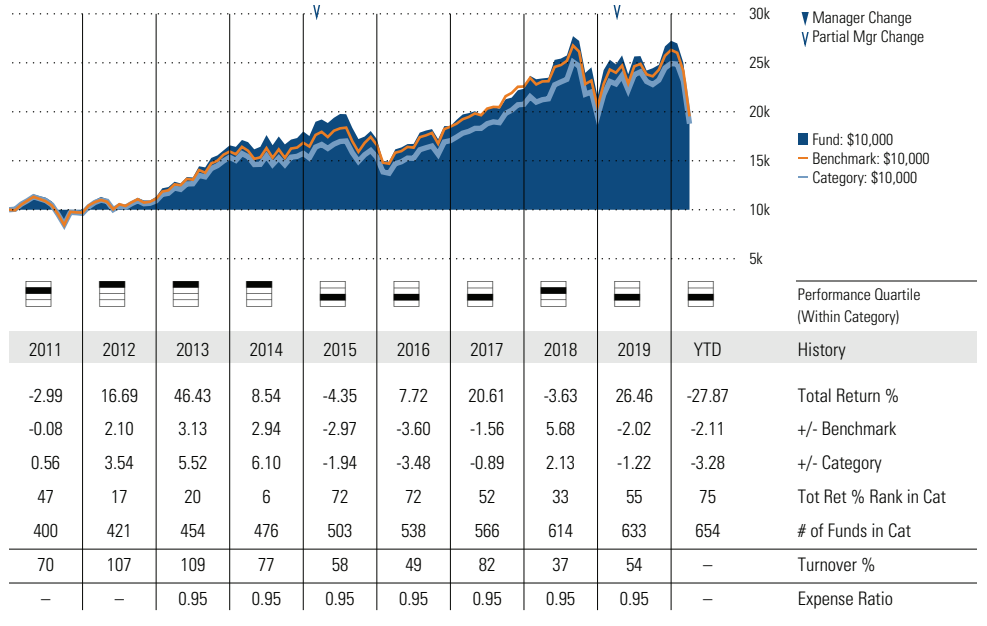
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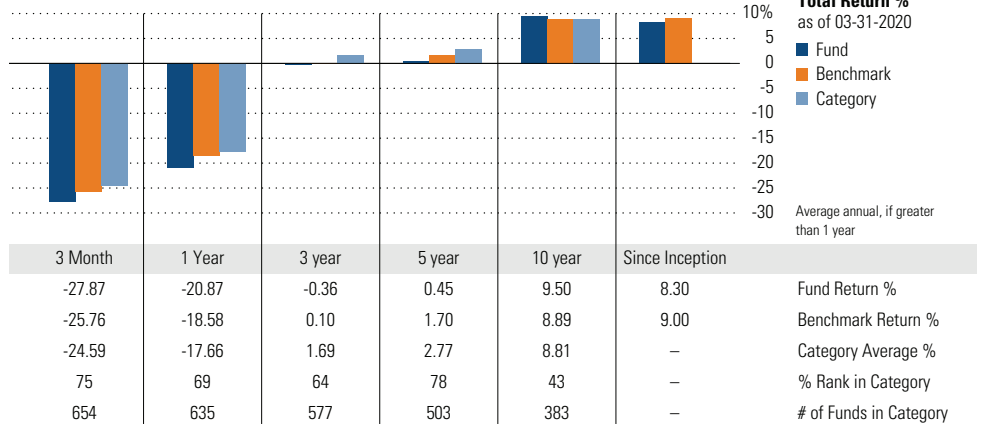
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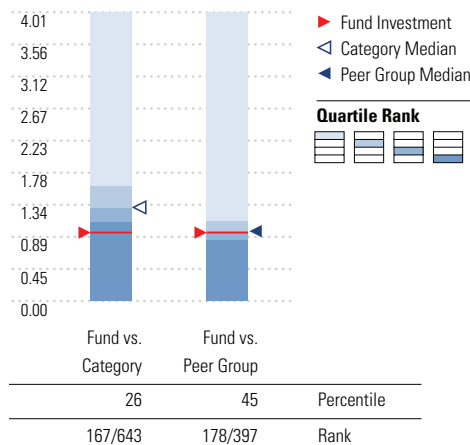
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.27	-	2.11
Beta	1.05	-	0.96
R-Squared	97.47	-	93.17
Standard Deviation	22.13	20.74	20.65
Sharpe Ratio	0.02	0.03	0.13
Tracking Error	3.69	-	5.29
Information Ratio	-0.13	-	0.34
Up Capture Ratio	101.59	-	98.97
Down Capture Ratio	103.28	-	91.22

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	22.49	18.45	18.68
Price/Book Ratio	2.82	3.00	2.73
Geom Avg Mkt Cap \$B	2.91	1.84	3.23
ROE	3.14	2.48	7.82

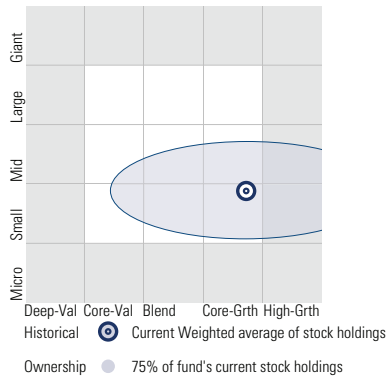
# Wells Fargo Small Company Growth Inst WSCGX

**Morningstar Category**  
Small Growth

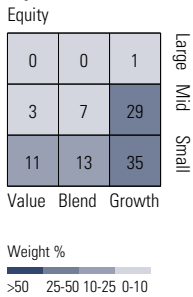
**Morningstar Index**  
Russell 2000 Growth TR USD

## Style Analysis as of 03-31-2020

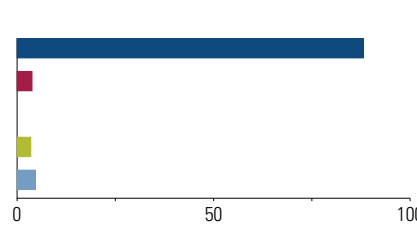
Morningstar Style Box™



## Style Breakdown

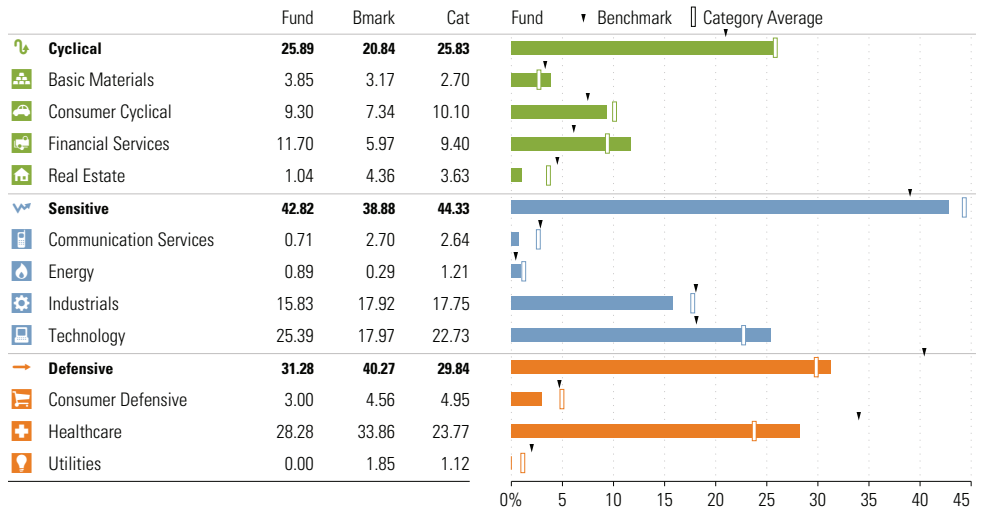


## Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	88.13	93.70
Non-US Stocks	3.79	3.38
Bonds	0.00	0.00
Cash	3.48	2.60
Other	4.60	0.32
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2020



## Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Wf Sec Lending Cash Invst Llc Wbbs	4.60	4.60	-	-
Wells Fargo Government MMkt Select	3.48	8.07	-	-
RealPage Inc	1.67	9.74	-1.53	Technology
Icon PLC	1.63	11.37	-21.04	Healthcare
SS&C Technologies Holdings Inc	1.53	12.90	-28.43	Technology
Syneos Health Inc A	1.47	14.37	-33.72	Healthcare
Performance Food Group Co	1.42	15.79	-51.98	Consumer Defensive
PTC Inc	1.35	17.13	-18.27	Technology
Lumentum Holdings Inc	1.34	18.47	-7.06	Technology
Nuance Communications Inc	1.30	19.77	-5.89	Technology
Ciena Corp	1.28	21.06	-6.75	Technology
Eldorado Resorts Inc	1.28	22.34	-75.86	Consumer Cyclical
Stifel Financial Corp	1.24	23.58	-31.66	Financial Services
AMN Healthcare Services Inc	1.22	24.80	-7.22	Healthcare
SPX Corp	1.22	26.01	-35.85	Industrials

**Total Holdings 123**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Wells Fargo Small Company Growth Inst WSCGX

**Morningstar Category**  
Small Growth

**Morningstar Index**  
Russell 2000 Growth TR USD

## Portfolio Manager(s)

Paul von Kuster since 11-1994  
Daniel Hagen since 02-2003  
William Grierson since 04-2005

## Quantitative Screens

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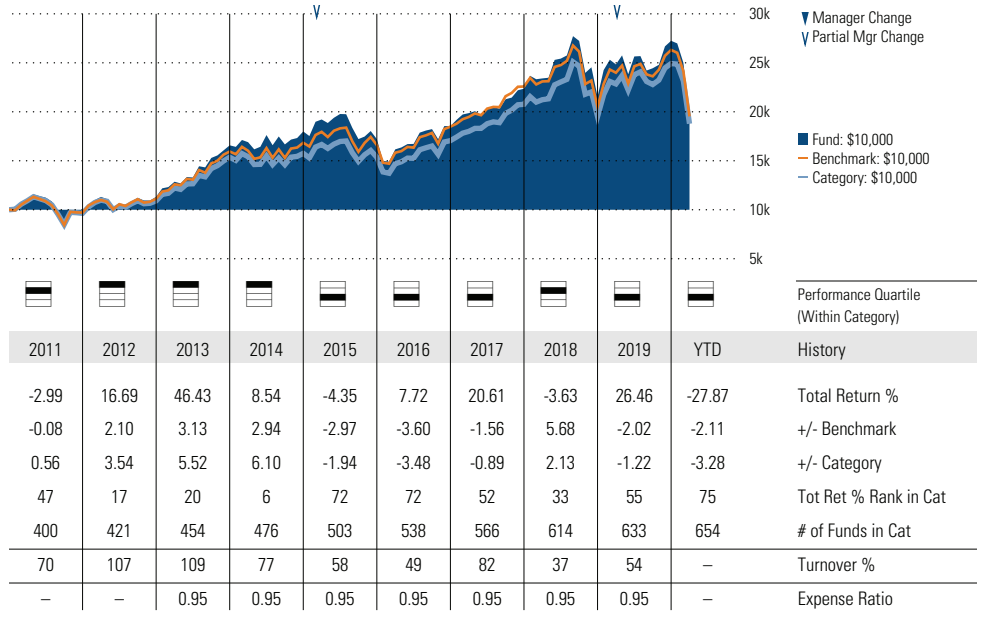
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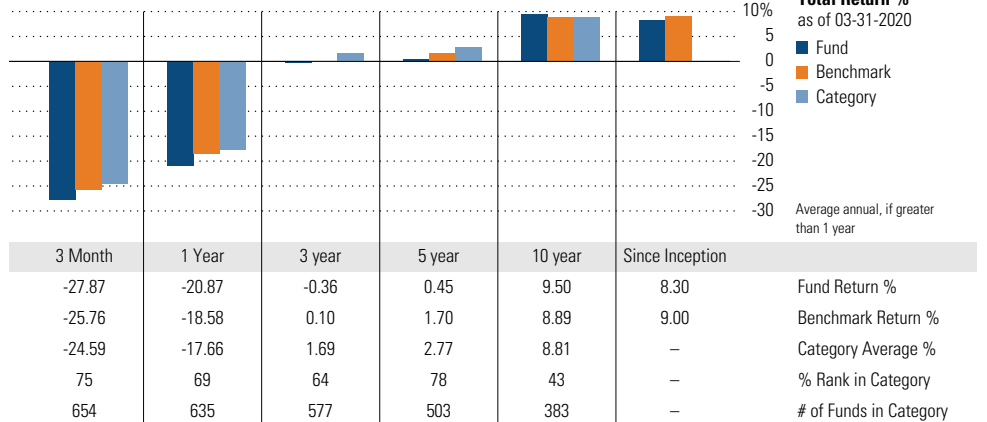
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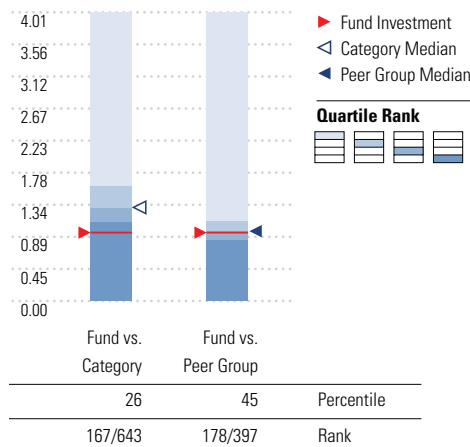
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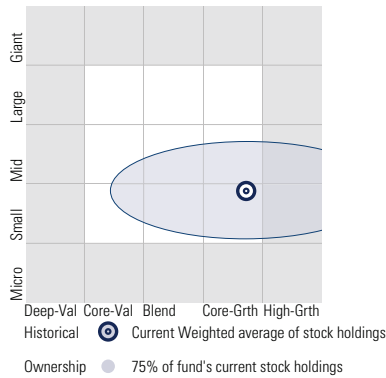
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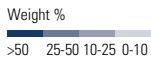
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Morningstar Style Box™

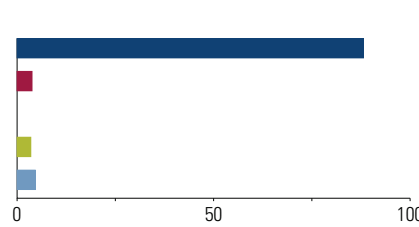


## Style Breakdown

Equity			Large Mid Small
Value	Blend	Growth	
0	0	1	Large
3	7	29	Mid
11	13	35	Small



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## Sector Weighting as of 03-31-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>25.89</b>	<b>20.84</b>	<b>25.83</b>			
Basic Materials	3.85	3.17	2.70			
Consumer Cyclical	9.30	7.34	10.10			
Financial Services	11.70	5.97	9.40			
Real Estate	1.04	4.36	3.63			
<b>Sensitive</b>	<b>42.82</b>	<b>38.88</b>	<b>44.33</b>			
Communication Services	0.71	2.70	2.64			
Energy	0.89	0.29	1.21			
Industrials	15.83	17.92	17.75			
Technology	25.39	17.97	22.73			
<b>Defensive</b>	<b>31.28</b>	<b>40.27</b>	<b>29.84</b>			
Consumer Defensive	3.00	4.56	4.95			
Healthcare	28.28	33.86	23.77			
Utilities	0.00	1.85	1.12			

## Top 15 Holdings as of 03-31-2020

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