# American Funds American Balanced R6 RLBGX

Morningstar Category

Moderate Allocation

Morningstar Index

Morningstar US Mod Tgt Alloc NR USD

# Portfolio Manager(s)

Hilda Applbaum since 01-1999
Alan Berro since 03-2006
Jeffrey Lager since 03-2011
Paul Benjamin since 07-2014
Anne-Marie Peterson since 10-2015
Alan Wilson since 01-2016
John Queen since 07-2016
Pramod Atluri since 03-2018
Mark Casey since 10-2019
Ritchie Tuazon since 10-2020
Jin Lee since 03-2023

#### **Quantitative Screens**

Chit Purani since 03-2023

- 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 24.26 years.
- Net Expense: The fund's expense ratio of 0.25 is
   75.73% lower than the Allocation--50% to 70% Equity
   category average.

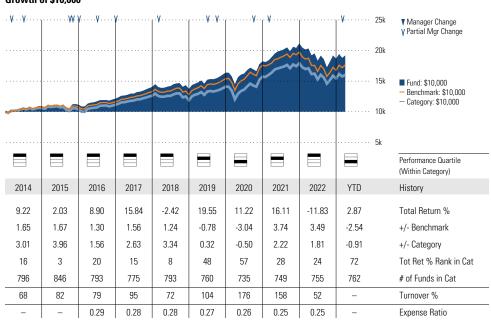
### **Morningstar Investment Management LLC Analysis**

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.

### **ESG Metrics**

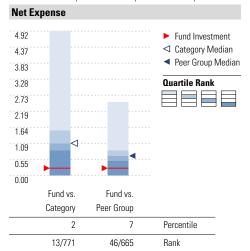
Metric	Rating	Updated
Sustainability Rating	2	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

# Growth of \$10,000



#### **Trailing Performance Total Return %** as of 03-31-2023 Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 5 year 10 year Since Inception 3 yea Fund Return % 2.87 -5.57 9.83 6.69 8.17 10.19 5.41 -5.88 9.29 6.00 6.88 5.48 Benchmark Return % 3 78 -6 50 9.83 5 22 6 08 Category Average % 72 28 49 22 6 % Rank in Category 762 750 683 656 # of Funds in Category

3-Year Risk Metrics



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

	Fund	Bmark	Cat
Alpha	0.90	_	0.49
Beta	0.95	_	0.98
R-Squared	95.92	_	94.16
Standard Deviation	12.45	12.78	12.92
Sharpe Ratio	0.72	0.67	0.68
Tracking Error	2.58	_	3.03
Information Ratio	0.21	_	0.10
Up Capture Ratio	100.73	_	100.17
Down Capture Ratio	97.76	_	98.35

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	16.64	17.24	17.70
Price/Book Ratio	3.38	2.76	2.98
Avg Eff Duration	6.32	-	5.29



# American Funds American Balanced R6 RLBGX

#### **Morningstar Category** Moderate Allocation

Morningstar Index

Morningstar US Mod Tgt Alloc NR USD

Net %

52.49

8.50

28.18

6.39

4.44

100.00

Cat%

45.82

10.52

35.47

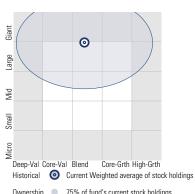
4.71

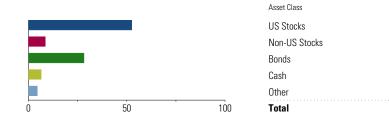
3.49

100.00

# Style Analysis as of 03-31-2023

Morningstar Style Box™





Bmark

Cat

Fund

#### Fund Cyclical 26.84 33.49 31.65 æ. Basic Materials 4.25 3.94 3.92 Ownership 75% of fund's current stock holdings Consumer Cyclical 8.99 10.91 10.09 **.** Financial Services 10.30 15.30 15.13 侖 Real Estate 3.30 3.34 2.51 Style Breakdown Equity Fixed Income 43.66 Quality Sensitive 44 02 42.41 Large High Communication Services 7.35 6.65 6.46 35 25 25 • Energy 7.05 4.99 5.34 MidΜid 3 5 8 Ф Industrials 9.74 10.69 10.98 LOW Technology 19.88 21.33 19.63 0 0 0 29.16 22.86 Defensive 25.95 Ltd Mod Consumer Defensive 10.68 7.00 7.28 Duration Healthcare 16.28 13.04 15.45 Weight % Utilities 2.20 2.82 3.22 >50 25-50 10-25 0-10 10 20 25 30

Asset Allocation as of 03-31-2023

Sector Weighting as of 03-31-2023



Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	_	8.05	8.05	_	_
⊃ Cap Grp Cent Fd Ser Ii	_	4.31	12.36	_	_
Microsoft Corp	_	3.98	16.34	20.50	Technology
⇒ Broadcom Inc	_	2.86	19.19	15.56	Technology
→ UnitedHealth Group Inc	_	2.10	21.29	-10.55	Healthcare
Philip Morris International Inc	_	2.01	23.30	-2.66	Consumer Defensive
Cash And Other Assets Less Liablities	_	1.93	25.23	_	_
The Home Depot Inc     The Home Depo	_	1.38	26.61	-5.90	Consumer Cyclical
→ Pfizer Inc	_	1.18	27.78	-19.57	Healthcare
→ Federal National Mortgage Association 4.5%	05-2053	1.17	28.95	_	_

# Total Holdings 2091



# American Funds Capital World Gr&Inc R6 RWIGX

Morningstar Category Global Large-Stock Blend Morningstar Index MSCI ACWI NR USD

# Portfolio Manager(s)

Sung Lee since 02-2006
Alfonso Barroso since 02-2007
Michael Cohen since 11-2014
Jin Lee since 02-2019
Lara Pellini since 02-2019
Leo Hee since 10-2019
Jeremy Burge since 01-2020
Renaud Samyn since 02-2020

### **Quantitative Screens**

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

Management: The fund's management has been in place for 17.17 years.

Net Expense: The fund's expense ratio of 0.42 is
 57.14% lower than the Global Large-Stock Blend category average.

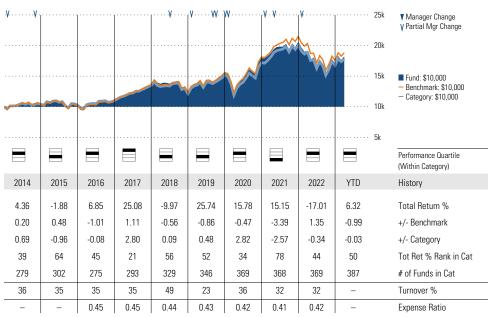
#### **Morningstar Investment Management LLC Analysis**

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

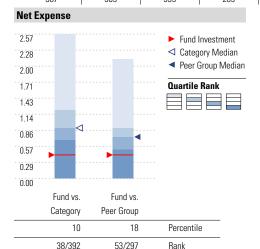
# **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	05-18-2022

# Growth of \$10,000



#### **Trailing Performance Total Return %** as of 03-31-2023 ■ Fund Benchmark Category 5 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year 6.32 -4.64 13.87 5.81 7.92 9.81 Fund Return % 7.31 -7.44 15.36 6.93 8.06 5.67 Benchmark Return % 6.35 6.37 7 67 -5 65 14 95 Category Average % 50 34 64 65 50 % Rank in Category 387 369 335 289 182 # of Funds in Category



3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	-1.02	_	0.18
Beta	0.98	_	0.96
R-Squared	96.90	_	92.95
Standard Deviation	17.97	18.04	18.03
Sharpe Ratio	0.75	0.82	0.80
Tracking Error	3.18	-	4.69
Information Ratio	-0.47	-	-0.07
Up Capture Ratio	96.85	-	97.74
Down Capture Ratio	101.30	_	98.26

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	16.14	16.19	16.95
Price/Book Ratio	2.93	2.46	2.68
Geom Avg Mkt Cap \$B	96.09	91.37	77.95
ROE	24.52	24.43	22.62



# American Funds Capital World Gr&Inc R6 RWIGX

#### Morningstar Category Global Large-Stock Blend

Morningstar Index MSCI ACWI NR USD

# Style Analysis as of 03-31-2023

Morningstar Style Box™



# Style Breakdown

Equity

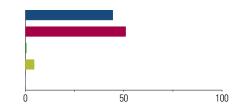
22	33	32	Laige
4	6	3	MIN
0	0	0	ollidii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

# Asset Allocation as of 03-31-2023



Total	100.00	100.00
Other	0.12	1.61
Cash	4.33	2.07
Bonds	0.30	1.32
Non-US Stocks	50.91	40.15
US Stocks	44.34	54.85
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fun	d t	Bench	mark	Categ	ory Ave	erage	_		
<mark>Դ</mark>	Cyclical	29.61	34.80	32.63								0		
ů.	Basic Materials	7.28	4.81	5.43										
<b>A</b>	Consumer Cyclical	10.04	10.69	10.51										
	Financial Services	11.45	16.64	14.20										
<b>fi</b>	Real Estate	0.84	2.66	2.49	. [	Ĭ								
W	Sensitive	43.83	42.50	41.91										
	Communication Services	5.79	7.07	5.91			<b>'</b>							
0	Energy	5.60	5.26	4.78										
Ф	Industrials	13.48	10.30	14.91			- 1		1					
	Technology	18.96	19.87	16.31										
<b>—</b>	Defensive	26.56	22.69	25.47					•					
Ħ	Consumer Defensive	8.27	7.52	8.16										
+	Healthcare	15.59	12.36	13.04			- :-							
•	Utilities	2.70	2.81	4.27		i []								
					0%	5	10	15	20	25	30	35	40	4

# World Regions % Equity 03-31-2023



Greater Asia	Fund % 19.20	Cat % 13.51
Japan	6.92	5.38
Australasia	1.89	1.16
Asia-4 Tigers	5.36	3.70
Asia-ex 4 Tigers	5.03	3.27
Not Classified	0.00	0.00

Americas	Fund % 53.85	Cat % 61.72	Greater Europe	Fund % 26.96	Cat % 24.75	Market Maturity	Fund %
North America	50.90	60.85	United Kingdom	6.25	6.44	Developed Markets	92.03
Central/Latin	2.95	0.87	W euro-ex UK	20.57	17.92	Emerging Markets	7.97
			Emrgng Europe	0.00	0.04	Not Available	0.00
			Africa	0.14	0.35		

<b>Top 10 Holdings</b> as of 03-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	4.27	4.27	-	_
	3.11	7.38	20.50	Technology
⊕ Broadcom Inc	2.95	10.33	15.56	Technology
⊕ Taiwan Semiconductor Manufacturing Co Ltd	2.51	12.84	19.45	Technology
LVMH Moet Hennessy Louis Vuitton SE	2.09	14.93	24.19	Consumer Cyclical
─ UnitedHealth Group Inc	1.83	16.76	-10.55	Healthcare
	1.75	18.52	24.37	Technology
⊕ Philip Morris International Inc	1.60	20.12	-2.66	Consumer Defensive
Abbott Laboratories	1.35	21.47	-7.30	Healthcare
	1.28	22.75	-7.61	Basic Materials

# Total Holdings 355



# American Funds Intl Gr and Inc R6 RIGGX

Morningstar Category Foreign Large Blend Morningstar Index MSCI ACWI Ex USA NR USD

# Portfolio Manager(s)

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

#### **Quantitative Screens**

- Performance: The fund has finished in the Foreign Large Blend category's top three quartiles in 9 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 14.5 years.
- Net Expense: The fund's expense ratio of 0.54 is 39.33% lower than the Foreign Large Blend category average.

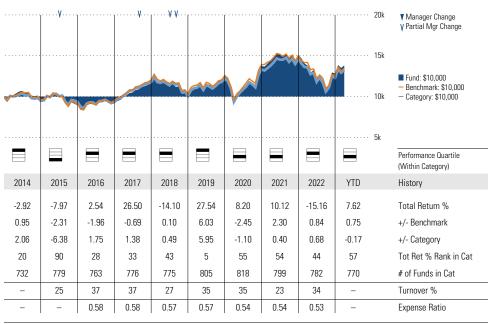
### **Morningstar Investment Management LLC Analysis**

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

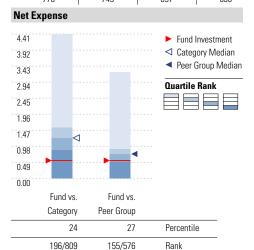
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

# Growth of \$10,000







Peer group is a subset of the category and includes funds with the
same management style (active vs. passive) and similar share class $% \left( 1\right) =\left( 1\right) \left( 1\right) $
characteristics

3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	1.08	_	0.60
Beta	1.05	_	1.03
R-Squared	95.93	_	93.21
Standard Deviation	18.69	17.35	18.58
Sharpe Ratio	0.71	0.66	0.68
Tracking Error	3.89	-	4.87
Information Ratio	0.45	-	0.22
Up Capture Ratio	107.83	_	106.57
Down Capture Ratio	103.71	-	105.88

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	13.72	12.70	13.48
Price/Book Ratio	1.80	1.66	1.77
Geom Avg Mkt Cap \$B	50.53	41.43	52.17
ROE	20.22	17.72	19.32



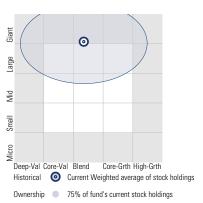
# American Funds Intl Gr and Inc R6 RIGGX

# Morningstar Category Foreign Large Blend

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

Style Analysis as of 03-31-2023

Morningstar Style Box™



# Style Breakdown

Equity

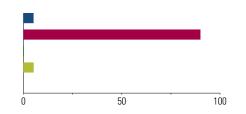
1. /			
29	31	25	Large
3	5	5	Mid
1	1	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

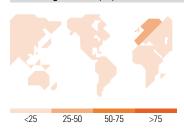




Total	100.00	100.00
Other	0.00	1.23
Cash	5.03	1.03
Bonds	0.09	0.28
Non-US Stocks	89.89	94.40
US Stocks	4.99	3.05
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	1	Bench	mark	Cateo	jory Ave	erage			_
<u></u>	Cyclical	35.99	42.87	39.54										•
A	Basic Materials	6.37	8.26	7.59			0							
Д	Consumer Cyclical	11.01	11.04	11.00					:					
æ	Financial Services	17.27	21.23	19.01					ı [					
<b>fi</b>	Real Estate	1.34	2.34	1.94										
W	Sensitive	37.70	36.20	36.01										
	Communication Services	6.33	6.07	4.76										
ð	Energy	6.81	5.92	5.38				_						
Ф	Industrials	13.17	12.74	15.53										
	Technology	11.39	11.47	10.34										
<b>→</b>	Defensive	26.34	20.93	24.45										
	Consumer Defensive	12.46	8.48	9.74										
+	Healthcare	10.62	9.48	11.95			<u> </u>							
•	Utilities	3.26	2.97	2.76		j								
					0%	5	10	15	20	25	30	35	40	4

# World Regions % Equity 03-31-2023



Greater Asia	Fund % 28.93	Cat % 35.05
Japan	7.56	17.81
Australasia	0.51	5.25
Asia-4 Tigers	11.69	6.73
Asia-ex 4 Tigers	9.17	5.26
Not Classified	0.00	0.00

Americas	Fund % 13.91	Cat % 8.50	Greater Europe	Fund % 57.16	Cat % 56.45	Market Maturity	Fund %
North America	9.73	7.32	United Kingdom	13.15	13.67	Developed Markets	85.94
Central/Latin	4.18	1.18	W euro-ex UK	42.63	41.68	Emerging Markets	14.06
			Emrgng Europe Africa	0.36 1.02	0.08 1.02	Not Available	0.00

<b>Top 10 Holdings</b> as of 03-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash M	4.91	4.91	-	_
⊕ AstraZeneca PLC	3.12	8.02	1.58	Healthcare
	2.57	10.59	19.45	Technology
⊕ Novo Nordisk A/S Class B	2.50	13.09	16.63	Healthcare
ASML Holding NV	2.29	15.37	24.37	Technology
⊕ Philip Morris International Inc	2.24	17.61	-2.66	Consumer Defensive
Airbus SE	2.10	19.71	11.04	Industrials
⊕ TotalEnergies SE	1.69	21.41	-4.96	Energy
→ British American Tobacco PLC	1.61	23.01	-11.68	Consumer Defensive
⊖ LVMH Moet Hennessy Louis Vuitton SE	1.58	24.60	24.19	Consumer Cyclical

# Total Holdings 258



# American Funds New World R6 RNWGX

# Morningstar Category Diversified Emerging Mkts MSCI EM NR USD

# Portfolio Manager(s)

Robert Lovelace since 06-1999
Carl Kawaja since 06-1999
Christopher Thomsen since 01-2009
Winnie Kwan since 01-2009
Tomonori Tani since 10-2013
Jonathan Knowles since 01-2017
Akira Shiraishi since 01-2017
Bradford Freer since 01-2017
Lisa Thompson since 10-2019
Kirstie Spence since 12-2019
Piyada Phanaphat since 01-2020
Dawid Justus since 01-2020

#### **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 23.8 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 0.57 is

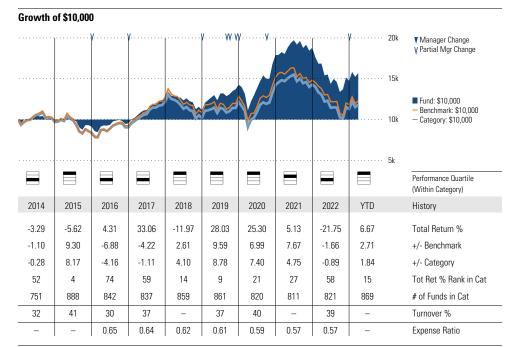
  50.43% lower than the Diversified Emerging Mkts category
  average.

### **Morningstar Investment Management LLC Analysis**

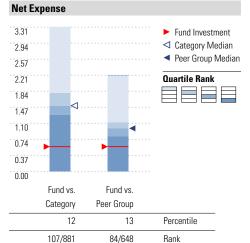
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



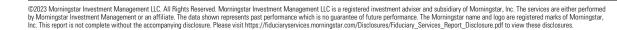




Peer group is a subset of the category and includes funds with the
same management style (active vs. passive) and similar share class
characteristics

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	5.19	_	1.04
Beta	0.86	_	0.97
R-Squared	78.72	_	87.48
Standard Deviation	18.28	18.85	19.69
Sharpe Ratio	0.66	0.43	0.46
Tracking Error	8.83	_	6.78
Information Ratio	0.49	_	0.08
Up Capture Ratio	101.73	_	102.40
Down Capture Ratio	83.50	_	100.07

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.47	10.77	12.24
Price/Book Ratio	2.91	1.57	1.86
Geom Avg Mkt Cap \$B	55.87	34.04	43.04
ROE	22.78	17.99	18.95



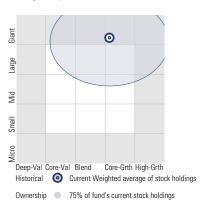


# American Funds New World R6 RNWGX

# Morningstar CategoryMorningstar IndexDiversified Emerging MktsMSCI EM NR USD

# Style Analysis as of 03-31-2023

Morningstar Style Box™



# Style Breakdown

Equity

12	33	39	Luigo
2	6	5	IVIIG
0	0	1	OII GII

Value Blend Growth

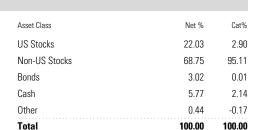
Weight %

>50 25-50 10-25 0-10



50

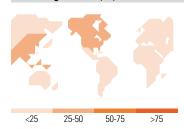
Asset Allocation as of 03-31-2023



Sec	ctor Weighting as of 03-3	31-2023			
		Fund	Bmark	Cat	Fund Benchmark Category Average
<b>Դ</b>	Cyclical	40.26	45.21	44.77	
A.	Basic Materials	9.64	8.83	6.76	
<b>-</b>	Consumer Cyclical	13.59	12.84	14.23	
<u></u>	Financial Services	15.39	21.62	22.07	
ŧ	Real Estate	1.64	1.92	1.71	
M	Sensitive	37.23	41.87	40.71	
	Communication Services	5.61	10.70	8.74	
•	Energy	3.92	4.75	4.81	
<b>‡</b>	Industrials	11.76	6.11	6.28	
	Technology	15.94	20.31	20.88	
<b>→</b>	Defensive	22.52	12.92	14.52	
÷	Consumer Defensive	7.07	6.27	7.90	
٠	Healthcare	13.74	4.12	4.88	
•	Utilities	1.71	2.53	1.74	
					0% 5 10 15 20 25 30 35 40 45 1

100

# World Regions % Equity 03-31-2023



	runa %	cat %
Greater Asia	37.82	75.32
Japan	2.75	0.09
Australasia	0.69	0.03
Asia-4 Tigers	7.62	25.78
Asia-ex 4 Tigers	26.76	49.42
Not Classified	0.00	0.00

Americas	Fund % 35.40	Cat % 14.25	Greater Europe	Fund % 26.77	Cat % 10.42	Market Maturity	Fund %
North America	26.03	2.76	United Kingdom	3.01	0.72	Developed Markets	61.75
Central/Latin	9.37	11.49	W euro-ex UK	21.27	1.96	Emerging Markets	38.25
			Emrgng Europe	0.51	1.43	Not Available	0.00
			Africa	1.98	6.31		

<b>Top 10 Holdings</b> as of 03-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	5.77	5.77	-	_
	2.67	8.44	20.50	Technology
⊕ Novo Nordisk A/S Class B	2.29	10.74	16.63	Healthcare
Taiwan Semiconductor Manufacturing Co Ltd	2.02	12.75	19.45	Technology
LVMH Moet Hennessy Louis Vuitton SE	1.68	14.44	24.19	Consumer Cyclical
	1.57	16.01	-5.17	Financial Services
Airbus SE	1.49	17.50	11.04	Industrials
	1.33	18.83	55.75	Consumer Cyclical
	1.24	20.07	-4.78	Financial Services
⊕ Sea Ltd ADR	1.17	21.24	66.35	Consumer Cyclical

# Total Holdings 592

 $\oplus$  Increase  $\ominus$  Decrease  $\ref{eq:property}$  New to Portfolio



# **Baird Aggregate Bond Inst** BAGIX

#### Morningstar Category Intermediate Core Bond

Morningstar Index

Bloomberg US Agg Bond TR USD

# Portfolio Manager(s)

M. Sharon deGuzman since 09-2000
Mary Ellen Stanek since 09-2000
Charles Groeschell since 09-2000
Warren Pierson since 09-2000
Meghan Dean since 05-2019
Jay Schwister since 05-2019
Jeffrey Schrom since 05-2019
Patrick Brown since 05-2021
Abhishek Pulakanti since 05-2022
Andrew O'Connell since 05-2022

### **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 22.52 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.3 is 46.43% lower than the Intermediate Core Bond category average.

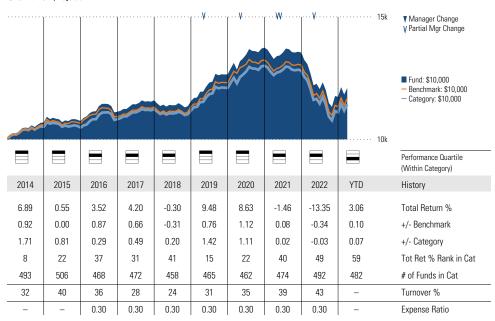
### **Morningstar Investment Management LLC Analysis**

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.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
ESG Commitment	1-Low	02-15-2022

### Growth of \$10,000



# **Trailing Performance**



Net Exp	oneo	'	,
Met Exh	CIISC		
4.62			► Fund Investment
4.11			Category Median
3.59			<ul> <li>Peer Group Median</li> </ul>
3.08			Quartile Rank
2.57			
2.05			
1.54			
1.03	◁		
0.51			
0.00			
	Fund vs.	Fund vs.	
	Category	Peer Group	
	25	34	Percentile
	127/518	141/416	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 Wellics			
	Fund	Bmark	Cat
Alpha	0.92	-	0.59
Beta	1.03	-	0.99
R-Squared	98.67	_	95.95
Standard Deviation	6.54	6.29	6.37
Sharpe Ratio	-0.45	-0.60	-0.50
Tracking Error	0.78	-	1.18
Information Ratio	1.01	-	0.32
Up Capture Ratio	111.68	-	104.43
Down Capture Ratio	99.95	-	96.96

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.33	4.43	6.00
Avg Eff Maturity	8.35	-	8.46



# **Baird Aggregate Bond Inst** BAGIX

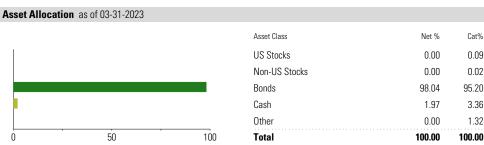
Style Analysis as of 03-31-2023
Style Breakdown
Fixed Income

Quality

Aid

Ltd Mod Ext
Duration

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	60.30	3.53	50.06
AA	3.80	74.59	11.69
A	12.60	10.82	23.47
BBB	23.10	8.32	13.19
BB	0.20	0.28	0.65
В	0.00	0.00	0.21
Below B	0.00	0.00	0.15
Not Rated	0.00	2.46	0.57



**Morningstar Category** 

Intermediate Core Bond

**Morningstar Index** 

Bloomberg US Agg Bond TR USD

Government	22.82	-	32.13					
Treasury	22.80	_	25.85					
Inflation – Protected	0.00	_	1.50	i [				
Agency/Quasi Agency	0.02	_	1.06	10				
Other Government Related	0.00	_	3.72	į				
Corporate	38.17	_	24.91					
Corporate Bond	38.17	_	24.86					
Bank Loan	0.00	_	0.03					
Convertible	0.00	_	0.01					
Preferred	0.00	_	0.01	į				
Securitized	36.14	_	36.79					
Agency MBS Pass-Through	21.82	_	27.88					
Agency MBS ARM	0.00	_	0.31	[]				
Agency MBS CMO	3.02	_	1.52					
Non-Agency Residential MBS	0.79	_	0.23	Di				
Commercial MBS	4.89	_	0.56					
Asset-Backed	5.62	_	6.29					
Covered Bond	0.00	_	0.00					
Municipal	0.95	-	0.88					
Cash & Equivalents	1.93	_	4.48					
Other	0.00	_	0.80	iΠ				

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Bonds 2.5%	02-2045	3.37	3.37	_
→ United States Treasury Bonds 2.88%	05-2043	2.46	5.83	_
⊕ United States Treasury Notes 2.88%	05-2032	2.37	8.20	_
€ United States Treasury Notes 1.13%	10-2026	2.37	10.57	_
→ United States Treasury Notes 1.13%	08-2028	1.97	12.54	-
United States Treasury Bonds 1.38%	11-2040	1.91	14.44	_
€ First American Government Obligs U	02-2030	1.87	16.32	_
€ United States Treasury Notes 2.38%	03-2029	1.15	17.47	_
€ United States Treasury Notes 1.5%	02-2025	1.14	18.61	_
United States Treasury Notes 2.88%	06-2025	1.10	19.72	_

Total Holdings 1654



# **DFA US Small Cap Value I** DFSVX

Morningstar Category

Small Value

Morningstar Index Russell 2000 Value TR USD

# Portfolio Manager(s)

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

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 11.09 years.

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

Net Expense: The fund's expense ratio of 0.3 is 73.68% lower than the Small Value category average.

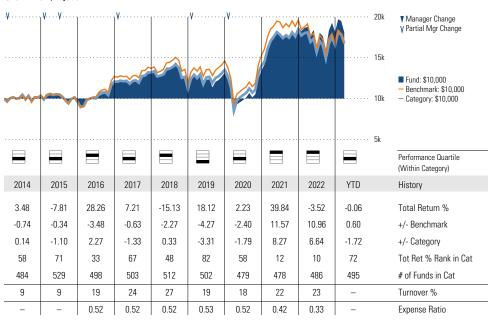
### **Morningstar Investment Management LLC Analysis**

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

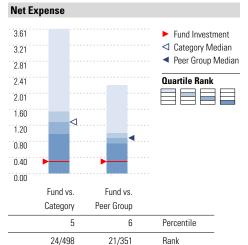
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	03-31-2023
Carbon Risk Score	Medium Risk	12-31-2022

# Growth of \$10,000



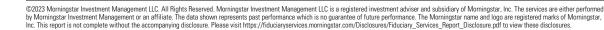
#### **Trailing Performance Total Return %** 35% as of 03-31-2023 30 ■ Fund 25 Benchmark Category 10 5 -5 -10 -15 Average annual, if greater than 1 year 3 Month 1 Year Since Inception 3 year 5 year 10 year Fund Return % -0.06 -3.50 31.25 7.19 8.54 10.94 -0.66 -12.96 21.01 4.55 7.22 12.00 Benchmark Return % -6 65 25 45 7 58 1.66 5 72 Category Average % 72 23 19 23 27 % Rank in Category 495 453 430 323 # of Funds in Category



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 KISK Wetrics			
	Fund	Bmark	Cat
Alpha	8.35	_	4.01
Beta	1.00	_	0.96
R-Squared	96.54	_	93.02
Standard Deviation	23.44	23.03	22.89
Sharpe Ratio	1.23	0.89	1.03
Tracking Error	4.36	_	6.15
Information Ratio	2.35	_	0.65
Up Capture Ratio	112.16	_	101.34
Down Capture Ratio	86.79	_	89.27

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	7.84	10.00	10.53
Price/Book Ratio	1.13	1.33	1.49
Geom Avg Mkt Cap \$B	2.48	1.94	3.66
ROE	14.53	7.30	16.75





# **DFA US Small Cap Value I** DFSVX

# Morningstar Category Small Value

Morningstar Index

Russell 2000 Value TR USD

**Style Analysis** as of 03-31-2023 Morningstar Style Box™



# Style Breakdown

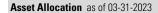
Equity

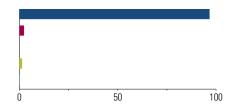
Lquity			
0	1	1	Large
1	3	0	MIG
49	41	4	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10







		Fund	Bmark	Cat	Fund ▼ Benchmark [] Category Average
					Tulid T Delicilliark    Category Average
U	Cyclical	49.19	53.55	50.91	
A.	Basic Materials	7.85	3.58	6.35	
<b>A</b>	Consumer Cyclical	15.28	11.25	14.69	
æ	Financial Services	25.15	25.80	23.12	
<b>fi</b>	Real Estate	0.91	12.92	6.75	
W	Sensitive	40.37	28.57	36.01	
	Communication Services	1.85	2.88	1.94	
ð	Energy	8.64	5.82	6.30	
Ф	Industrials	20.66	13.13	18.15	
	Technology	9.22	6.74	9.62	
<b>—</b>	Defensive	10.44	17.88	13.09	
=	Consumer Defensive	5.81	3.52	4.17	
٠	Healthcare	4.41	9.86	5.98	
•	Utilities	0.22	4.50	2.94	

<b>Top 15 Holdings</b> as of 03-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Future on E-mini S&P 500 Futures	1.67	1.67	_	_
⊕ Ssc Government Mm Gvmxx	1.56	3.23	_	_
Amkor Technology Inc	0.93	4.16	8.82	Technology
Commercial Metals Co	0.81	4.97	1.90	Basic Materials
Taylor Morrison Home Corp	0.80	5.78	26.06	Consumer Cyclical
Avnet Inc	0.69	6.47	9.40	Technology
F N B Corp	0.69	7.15	-10.19	Financial Services
Sanmina Corp	0.67	7.82	6.46	Technology
Murphy Oil Corp	0.67	8.49	-13.38	Energy
Triton International Ltd Ordinary Shares	0.66	9.15	-7.07	Industrials
Encore Wire Corp	0.66	9.81	34.74	Industrials
GATX Corp	0.64	10.45	3.98	Industrials
	0.64	11.09	6.60	Basic Materials
⊕ United States Steel Corp	0.63	11.72	4.39	Basic Materials
→ WESCO International Inc	0.62	12.34	23.73	Industrials

Total Holdings 973



# Eaton Vance Income Fund of Boston R6 EIBRX

Morningstar Category High Yield Bond Morningstar Index ICE BofA US High Yield TR USD

# Portfolio Manager(s)

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

### **Quantitative Screens**

Performance: The fund has finished in the High Yield Bond 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 8.41 years.

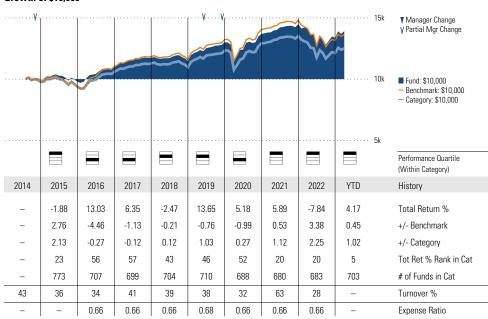
Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.66 is 25.84% lower than the High Yield Bond category average.

### **Morningstar Investment Management LLC Analysis**

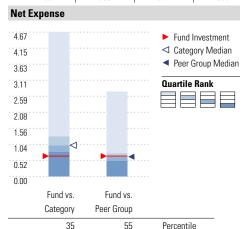
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

# Growth of \$10,000



### **Trailing Performance**





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

256/467

Rank

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.29	_	0.30
Beta	0.92	_	0.91
R-Squared	97.70	_	93.70
Standard Deviation	8.39	9.03	8.44
Sharpe Ratio	0.68	0.54	0.57
Tracking Error	1.47	_	2.13
Information Ratio	0.61	_	-0.25
Up Capture Ratio	96.53	_	91.72
Down Capture Ratio	84.77	_	89.03

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	4.18	-	3.56
Avg Eff Maturity	5.42	_	5.66



245/711

# Eaton Vance Income Fund of Boston R6 EIBRX

Morningstar CategoryMorningstar IndexHigh Yield BondICE BofA US High Yield TR USD

<b>Style Analysis</b> as of 03-31-2023					
Style Breakdow	n				
Fixed Income	Quality				
	High				
	Low				
Ltd Mod Ext					

0	50	100

Asset Allocation as of 03-31-2023

Total	100.00	100.00
Other	1.68	1.55
Cash	5.22	4.76
Bonds	92.19	93.07
Non-US Stocks	0.35	0.04
US Stocks	0.56	0.57
Asset Class	Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	0.00	_	1.64
AA	0.00	_	0.06
A	0.00	_	0.16
BBB	5.76	_	5.35
BB	43.04	_	34.12
В	37.37	_	37.25
Below B	10.65	_	17.94
Not Rated	3.19	_	3.49

Sector Weighting as of 03-3	31-2023					
	Fund	Bmark	Cat	Fund	▼ Benchmark	Category Average
Government	0.00	_	2.03	10		
Treasury	0.00	_	1.47	[]		
Inflation – Protected	0.00	_	0.01	İ		
Agency/Quasi Agency	0.00	_	0.11			
Other Government Related	0.00	_	0.44			
Corporate	97.09	_	87.74			
Corporate Bond	92.27	_	85.94			
Bank Loan	3.68	_	1.26	()		
Convertible	0.32	_	0.45			
Preferred	0.82	_	0.09	Ď		
Securitized	0.00	-	1.39	([		
Agency MBS Pass-Through	0.00	_	0.03			
Agency MBS ARM	0.00	_	0.00			
Agency MBS CMO	0.00	-	0.07			
Non-Agency Residential MBS	0.00	-	0.15			
Commercial MBS	0.00	-	0.08			
Asset-Backed	0.00	_	1.06			
Covered Bond	0.00	_	0.00	0		
Municipal	0.00	-	0.03			
Cash & Equivalents	2.91	-	5.61			
Other	0.00	-	3.22	1 []		

0% 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 9500

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
Msilf Government Portfolio Msilf Government Portfolio	12-2030	4.86	4.86	_
CCO Holdings, LLC/ CCO Holdings Capital Corp. 4.5%	08-2030	0.87	5.73	_
Mozart Debt Merger Subordinated Inc. 5.25%	10-2029	0.65	6.38	_
Rolls-Royce PLC 5.75%	10-2027	0.61	6.99	_
Sprint Capital Corporation 6.875%	11-2028	0.60	7.59	-
Neptune Energy Bondco PLC 6.625%	05-2025	0.56	8.15	_
Centene Corporation 3.375%	02-2030	0.55	8.70	_
Panther Bf Agg 2 Fixed Coupon 4.375000 Maturity 20260515	05-2026	0.54	9.24	_
BCPE Empire Topco Inc 7.625%	05-2027	0.54	9.78	_
Compass Minerals International Inc. 6.75%	12-2027	0.54	10.31	_

Total Holdings 446



# Federated Hermes Govt Ultrashort R6 FGULX

Morningstar Category
Ultrashort Bond

Morningstar Index

Bloomberg US Agg Bond TR USD

# Portfolio Manager(s)

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

### **Quantitative Screens**

Performance: The fund has finished in the Ultrashort Bond category's top three quartiles in 5 of the 6 years it's been in existence.

Management: The fund's management has been in place for 25.74 years.

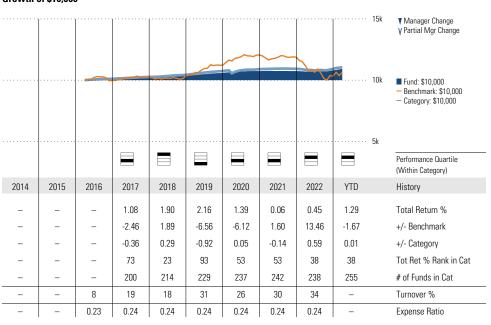
Style Consistency is not calculated for Fixed Income funds.

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

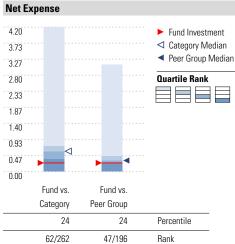
# **Morningstar Investment Management LLC Analysis**

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

# Growth of \$10,000







3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	1.16	_	1.80
Beta	0.06	_	0.11
R-Squared	30.67	-	28.48
Standard Deviation	0.64	6.29	1.30
Sharpe Ratio	-0.26	-0.60	0.10
Tracking Error	5.96	-	5.74
Information Ratio	0.64	-	0.75
Up Capture Ratio	11.52	-	23.31
Down Capture Ratio	-2.07	-	1.33

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	0.26	4.43	0.91
Avg Eff Maturity	5.30	_	1.90



# Federated Hermes Govt Ultrashort R6 FGULX

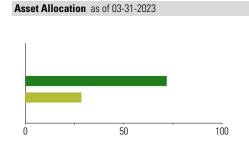
Morningstar Category
Ultrashort Bond

Morningstar Index Bloomberg US Agg Bond TR USD

Style Analysis as of 03-31-2023 Style Breakdown

Duration





US Stocks 0.00 0.17 Non-US Stocks 0.00 0.00 Bonds 71.73 68.64 Cash 28.27 31.04	Total	100.00	100.00
US Stocks 0.00 0.17 Non-US Stocks 0.00 0.00 Bonds 71.73 68.64	Other	0.00	0.15
US Stocks 0.00 0.17 Non-US Stocks 0.00 0.00	Cash	28.27	31.04
US Stocks 0.00 0.17	Bonds	71.73	68.64
	Non-US Stocks	0.00	0.00
Asset Class Net % Cat%	US Stocks	0.00	0.17
	Asset Class	Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	100.00	3.53	36.14
AA	0.00	74.59	7.53
A	0.00	10.82	20.05
BBB	0.00	8.32	19.36
BB	0.00	0.28	1.88
В	0.00	0.00	1.94
Below B	0.00	0.00	0.34
Not Rated	0.00	2.46	12.75

	Fund	Bmark	Cat	Fund	,	Benchmark	[] n	atego	ry Ave	rage		
Government	3.78		24.26	Tunu		Bononinan		atogo		iugo		
Treasury	1.06	_	17.14									
Inflation – Protected	0.00		0.00	Ī		Ш :						
		_										
Agency/Quasi Agency	2.72	_	3.10									
Other Government Related	0.00	_	4.02	[]								
Corporate	0.00	-	30.09				[					
Corporate Bond	0.00	-	29.92									
Bank Loan	0.00	_	0.09									
Convertible	0.00	_	0.08									
Preferred	0.00	_	0.00									
Securitized	67.95	_	22.82									
Agency MBS Pass-Through	0.27	_	4.56	[								
Agency MBS ARM	0.14	_	0.58									
Agency MBS CMO	67.54	_	1.67									
Non-Agency Residential MBS	0.00	_	0.19									
Commercial MBS	0.00	_	0.57									
Asset-Backed	0.00	_	15.25	ii								
Covered Bond	0.00	_	0.00									
Municipal	0.00	_	0.82									
Cash & Equivalents	28.27	_	20.07									
Other	0.00	_	1.92	11								

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Bofam Repo 1 Repo	04-2023	13.14	13.14	_
⊕ Hsbc Repo 2 Repo	04-2023	7.57	20.70	_
⊕ Bank Of Montreal 3 Repo	04-2023	7.57	28.27	_
⊕ FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 4.82053%	12-2032	6.55	34.82	_
⊕ FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.08561%	12-2032	6.04	40.86	_
⊕ Government National Mortgage Association 5.12871%	01-2073	5.29	46.15	_
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.44815%	10-2032	4.56	50.71	_
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.40561%	11-2032	3.95	54.66	_
⊕ Government National Mortgage Association 5.20906%	01-2053	3.82	58.48	_
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.40815%	11-2032	3.61	62.09	_

**Total Holdings** 182



# Invesco Diversified Dividend R6 LCEFX

Morningstar Category
Large Value

Morningstar Index Russell 1000 Value TR USD

# Portfolio Manager(s)

Christopher McMeans since 02-2016 Caroline Le Feuvre since 06-2020 Peter Santoro since 03-2021 Craig Leopold since 03-2022

# **Quantitative Screens**

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

Management: The fund's management has been in place for 7.1 years.

Net Expense: The fund's expense ratio of 0.46 is 49.45% lower than the Large Value category average.

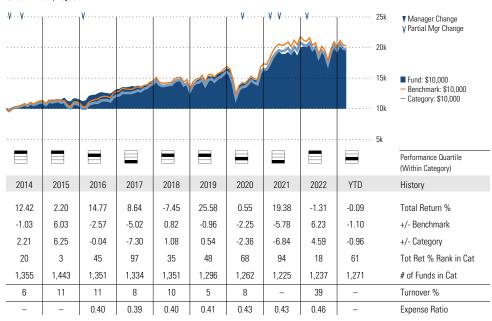
### **Morningstar Investment Management LLC Analysis**

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

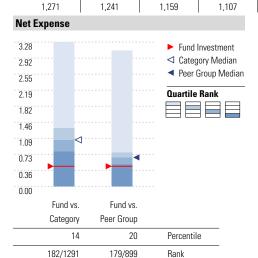
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	03-31-2023
Carbon Risk Score	Medium Risk	12-31-2022

# Growth of \$10,000



#### **Trailing Performance Total Return %** as of 03-31-2023 ■ Fund Benchmark Category 5 0 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year Fund Return % -0.09 -4.03 16.02 7.37 8.50 9.43 1.01 -5.91 17.93 7.50 9.13 11.53 Benchmark Return % 0.87 18 93 7 78 -5 10 9 12 Category Average % 61 38 82 62 73 % Rank in Category 825 # of Funds in Category



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	0.89	_	1.20
Beta	0.84	_	0.98
R-Squared	94.66	_	94.19
Standard Deviation	15.45	17.94	18.13
Sharpe Ratio	0.96	0.94	0.98
Tracking Error	4.60	_	4.44
Information Ratio	-0.41	_	0.19
Up Capture Ratio	84.52	_	99.12
Down Capture Ratio	80.17	_	93.95

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	18.38	15.84	12.98
Price/Book Ratio	2.67	2.23	2.16
Geom Avg Mkt Cap \$B	116.90	71.41	110.77
ROE	22.33	16.52	22.51



# Invesco Diversified Dividend R6 LCEFX

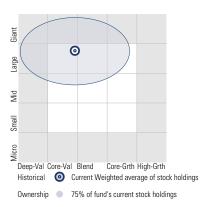
# **Morningstar Category** Large Value

Morningstar Index

Russell 1000 Value TR USD

# Style Analysis as of 03-31-2023

Morningstar Style Box™



# Style Breakdown

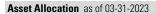
Equity

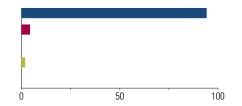
29	44	13	Large
8	6	0	Mid
0	1	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	0.99
Cash	1.71	1.32
Bonds	0.00	0.14
Non-US Stocks	4.20	5.50
US Stocks	94.09	92.04
Asset Class	Net %	Cat%

Sec	tor Weighting as of 03-	31-2023											
		Fund	Bmark	Cat	Fund	•	Benchma	ark [] C	ategory .	Average		_	
Դ	Cyclical	28.45	36.14	33.27									
â.	Basic Materials	2.32	4.05	3.56									
<b></b>	Consumer Cyclical	6.24	6.26	7.07									
<del>,</del>	Financial Services	17.93	21.01	19.39					<b>I</b>				
ŧ	Real Estate	1.96	4.82	3.25									
M	Sensitive	35.97	35.19	37.56									
	Communication Services	5.54	8.13	6.53			<b>Y</b>						
•	Energy	9.02	7.98	8.39									
ф	Industrials	12.55	10.43	11.33		- :							
	Technology	8.86	8.65	11.31									
<b>→</b>	Defensive	35.60	28.66	29.18					•				
	Consumer Defensive	9.69	7.18	8.16				_					
ŀ	Healthcare	20.14	16.21	16.17		- :	<u> </u>						
•	Utilities	5.77	5.27	4.85									
					0%	5	10	15	20	25	30	35	

<b>Top 15 Holdings</b> as of 03-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
① Johnson & Johnson	3.29	3.29	-11.62	Healthcare
Chevron Corp	3.23	6.52	-8.26	Energy
Walmart Inc	2.56	9.08	4.39	Consumer Defensive
Raytheon Technologies Corp	2.54	11.61	-2.42	Industrials
	2.53	14.15	20.50	Technology
	2.33	16.48	4.73	Healthcare
Merck & Co Inc	2.30	18.78	-3.45	Healthcare
⊕ ConocoPhillips	2.26	21.03	-14.98	Energy
	2.18	23.22	0.24	Energy
⊕ Bank of America Corp	2.15	25.36	-12.98	Financial Services
CVS Health Corp	1.97	27.33	-19.61	Healthcare
⊕ Verizon Communications Inc	1.95	29.28	0.36	Communication Svc
Becton, Dickinson and Co	1.93	31.22	-2.30	Healthcare
United Parcel Service Inc Class B	1.91	33.13	12.52	Industrials
Parker Hannifin Corp	1.89	35.02	15.96	Industrials

**Total Holdings 79** 



# Invesco Oppenheimer International Gr R6 OIGIX

Morningstar Category Foreign Large Growth Morningstar Index MSCI EAFE NR USD

# Portfolio Manager(s)

George Evans since 03-1996 Robert Dunphy since 03-2012

### **Quantitative Screens**

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

Management: The fund's management has been in place for 27.03 years.

Net Expense: The fund's expense ratio of 0.69 is
 34.29% lower than the Foreign Large Growth category average.

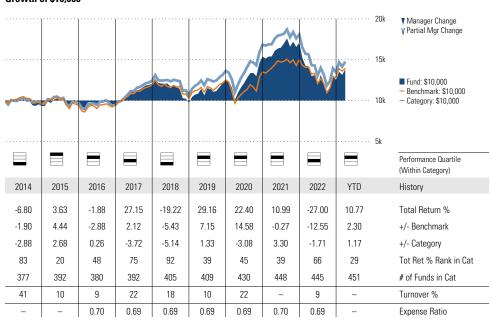
### **Morningstar Investment Management LLC Analysis**

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

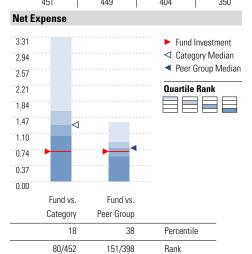
## **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022

# Growth of \$10,000



#### **Trailing Performance Total Return %** as of 03-31-2023 Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year 10.77 -2.58 11.10 2.73 5.05 5.94 Fund Return % 8.47 -1.38 12.99 3.52 5.00 8.35 Benchmark Return % 9 60 10.63 -5 62 3 93 5 78 Category Average % 29 22 51 69 66 % Rank in Category 451 449 404 350 235 # of Funds in Category



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 KISK Wellics			
	Fund	Bmark	Cat
Alpha	-2.48	_	-2.31
Beta	1.11	_	1.04
R-Squared	85.91	-	83.47
Standard Deviation	21.70	18.16	20.74
Sharpe Ratio	0.54	0.70	0.53
Tracking Error	8.38	_	8.56
Information Ratio	-0.22	-	-0.29
Up Capture Ratio	110.75	-	101.98
Down Capture Ratio	125.52	-	114.93

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	29.59	13.67	19.87
Price/Book Ratio	4.80	1.68	3.08
Geom Avg Mkt Cap \$B	42.06	45.57	55.43
ROE	26.37	17.90	20.63



# Invesco Oppenheimer International Gr R6 OIGIX

#### **Morningstar Category** Foreign Large Growth

Morningstar Index MSCI EAFE NR USD

# Style Analysis as of 03-31-2023

Morningstar Style Box™



# Style Breakdown

Equity

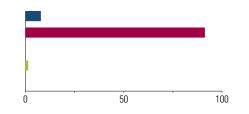
5	1 19	54 Large
)	3 10	17 Si
	0 0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

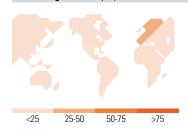
# Asset Allocation as of 03-31-2023



Total	100.00	100.00
Other	0.00	0.61
Cash	1.23	1.90
Bonds	0.00	0.02
Non-US Stocks	91.11	91.07
US Stocks	7.65	6.40
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	1	Bencl	nmark	Cateo	gory Ave	erage	_	
<u></u>	Cyclical	35.21	40.60	36.17									
ė.	Basic Materials	3.32	7.74	6.42		ı [	7						
<b>A</b>	Consumer Cyclical	25.93	10.93	13.68									
ø	Financial Services	5.96	19.19	15.55				0	7				
<b>fi</b>	Real Estate	0.00	2.74	0.52	0								
₩.	Sensitive	37.12	33.42	39.45									
	Communication Services	4.01	4.52	3.52		0							
ð	Energy	3.18	5.00	3.86		[]							
Ф	Industrials	17.16	15.60	16.85									
	Technology	12.77	8.30	15.22			7						
<b>→</b>	Defensive	27.66	25.98	24.38									
Ħ	Consumer Defensive	10.09	9.99	8.95									
+	Healthcare	17.57	12.89	14.58									
•	Utilities	0.00	3.10	0.85	iΠ	٠							

# World Regions % Equity 03-31-2023



	Fund %	Cat %
Greater Asia	15.51	27.53
Japan	7.98	11.13
Australasia	2.31	1.73
Asia-4 Tigers	0.63	6.47
Asia-ex 4 Tigers	4.59	8.20
Not Classified	0.00	0.00

Americas	Fund % 13.21	Cat % 14.23	Greater Europe	Fund % 71.29	Cat % 58.24	Market Maturity	Fund %
North America	13.21	12.15	United Kingdom	23.15	12.57	Developed Markets	95.41
Central/Latin	0.00	2.08	W euro-ex UK	48.14	45.01	<b>Emerging Markets</b>	4.59
			Emrgng Europe Africa	0.00 0.00	0.02 0.64	Not Available	0.00

	0/ 11 . 1	0 1 :: 0/	VITO D	
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Novo Nordisk A/S Class B	4.66	4.66	16.63	Healthcare
Hermes International SA	4.27	8.93	29.24	Consumer Cyclical
LVMH Moet Hennessy Louis Vuitton SE	3.78	12.71	24.19	Consumer Cyclical
Reliance Industries Ltd	2.92	15.63	-8.49	Energy
Epiroc Ab	2.86	18.49	-	_
Compass Group PLC	2.79	21.27	7.18	Consumer Cyclical
ASML Holding NV	2.73	24.00	24.37	Technology
Alimentation Couche-Tard Inc	2.53	26.53	14.44	Consumer Cyclical
London Stock Exchange Group PLC	2.50	29.03	10.26	Financial Services
Flutter Entertainment PLC	2.49	31.52	31.18	Consumer Cyclical

# **Total Holdings 87**

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



# MFS Growth R6 MFEKX

### Portfolio Manager(s)

Eric Fischman since 04-2002 Bradford Mak since 06-2021

#### 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 21.01 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 0.5 is 47.37% lower than the Large Growth category average.

### **Morningstar Investment Management LLC Analysis**

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

### **ESG Metrics**

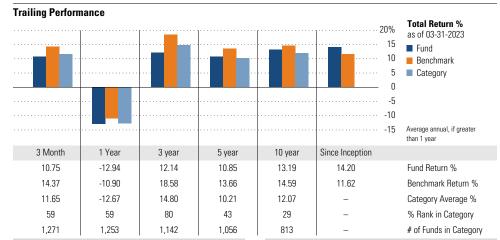
Metric	Rating	Updated
Sustainability Rating	4	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	02-15-2022

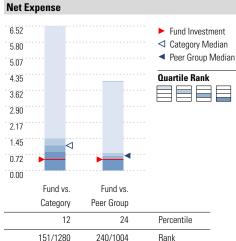
# Morningstar Category Large Growth

Morningstar Index

Russell 1000 Growth TR USD

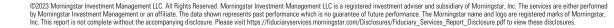






3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	-4.68	-	-2.96
Beta	0.94	_	0.97
R-Squared	97.78	_	92.72
Standard Deviation	21.89	23.06	23.27
Sharpe Ratio	0.58	0.80	0.66
Tracking Error	3.56	-	6.33
Information Ratio	-1.81	-	-0.78
Up Capture Ratio	88.14	-	89.90
Down Capture Ratio	102.44	-	97.84

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	31.56	25.33	25.60
Price/Book Ratio	6.99	8.50	6.47
Geom Avg Mkt Cap \$B	241.09	241.97	295.21
ROE	31.53	39.31	33.93

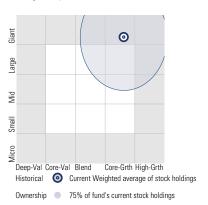




# MFS Growth R6 MFEKX

# Style Analysis as of 03-31-2023

Morningstar Style Box™



# Style Breakdown

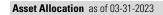
Equity

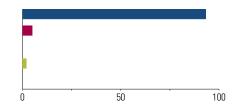
0	22	64	Large
0	7	6	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	1.08
Cash	1.91	1.38
Bonds	0.00	0.00
Non-US Stocks	4.88	4.85
US Stocks	93.21	92.67
Asset Class	Net %	Cat%

Morningstar Index

Russell 1000 Growth TR USD

**Morningstar Category** 

Large Growth

Sec	ctor Weighting as of 03-	31-2023													
		Fund	Bmark	Cat	Fund	<b>ا</b> ا	Benchn	nark	[] Ca	tegory	/ Aver	age			
Ն	Cyclical	29.68	24.90	27.83					,						
ħ.	Basic Materials	5.26	1.24	1.53											
4	Consumer Cyclical	9.48	15.06	14.36											
<u> </u>	Financial Services	12.78	7.04	10.48											
ŧ	Real Estate	2.16	1.56	1.46	ıı)										
M	Sensitive	54.08	56.95	51.38											_ '
	Communication Services	8.46	6.69	8.51											
•	Energy	1.19	1.48	2.35											
þ	Industrials	8.03	8.07	6.90											
2	Technology	36.40	40.71	33.62								7			
<b>→</b>	Defensive	16.23	18.14	20.77											
÷	Consumer Defensive	2.35	6.14	4.35		7									
1	Healthcare	13.88	11.95	15.92		:									
•	Utilities	0.00	0.05	0.50	į										
					0% 5	10	15	20	25	30	35	40	45	50	55

<b>Top 15 Holdings</b> as of 03-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	12.82	12.82	20.50	Technology
Apple Inc	5.81	18.63	27.09	Technology
Alphabet Inc Class A	5.41	24.04	17.57	Communication Svc
Amazon.com Inc	5.27	29.31	22.96	Consumer Cyclical
Mastercard Inc Class A	3.81	33.12	4.67	Financial Services
⊕ NVIDIA Corp	3.73	36.85	90.10	Technology
Visa Inc Class A	3.29	40.14	8.74	Financial Services
MSCI Inc	2.27	42.40	20.62	Financial Services
☐ Intuit Inc	2.20	44.60	14.74	Technology
	2.04	46.64	4.73	Healthcare
Boston Scientific Corp	1.97	48.61	8.13	Healthcare
⊕ Currency Cash CASH_USD	1.91	50.53	_	-
Aon PLC Class A	1.63	52.16	5.23	Financial Services
Vertex Pharmaceuticals Inc	1.62	53.78	9.10	Healthcare
Vulcan Materials Co	1.60	55.38	-1.78	Basic Materials

# Total Holdings 74



# MFS Mid Cap Growth R6 OTCKX

Morningstar Category

Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

### Portfolio Manager(s)

Eric Fischman since 11-2008 Eric Braz since 06-2021

### **Quantitative Screens**

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

Management: The fund's management has been in place for 14.37 years.

Net Expense: The fund's expense ratio of 0.66 is 38.89% lower than the Mid-Cap Growth category average.

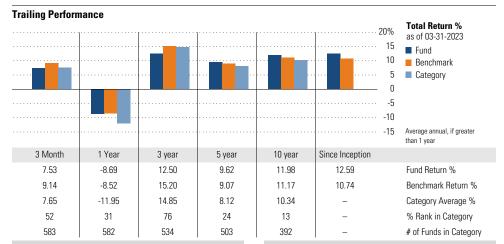
### **Morningstar Investment Management LLC Analysis**

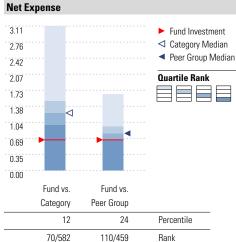
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	5	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
FSG Commitment	2-Basic	02-15-2022

#### Growth of \$10,000 ▼ Manager Change V Partial Mgr Change 30k Fund: \$10,000 Benchmark: \$10,000 15k Category: \$10,000 10k Performance Quartile (Within Category) 2014 2015 2016 2017 2018 2019 2020 2021 2022 YTD History 8.95 4.60 4.75 26.39 1.21 37.93 35.80 14.17 -28.29 7.53 Total Return % -2.95 4.80 -2.58 1.12 5.96 2.46 0.21 1.44 -1.57 -1.61 +/- Benchmark 7.86 1.95 5.55 -1.28 2.48 5.41 -3.46 1.12 -0.50 -0.12+/- Category 32 9 55 31 9 17 40 46 60 52 Tot Ret % Rank in Cat 582 587 579 # of Funds in Cat 638 666 601 588 578 582 583 59 37 43 30 33 21 34 23 21 Turnover % 0.87 0.84 0.81 0.74 0.69 0.65 0.65 Expense Ratio





3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	-1.11	_	-0.20
Beta	0.91	_	0.98
R-Squared	93.89	_	90.77
Standard Deviation	21.60	23.08	23.92
Sharpe Ratio	0.60	0.68	0.64
Tracking Error	5.76	_	7.25
Information Ratio	-0.47	_	-0.24
Up Capture Ratio	94.13	_	98.57
Down Capture Ratio	100.70	_	100.96

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	30.10	23.95	24.30
Price/Book Ratio	5.06	5.97	3.89
Geom Avg Mkt Cap \$B	22.72	20.94	17.34
ROE	24.86	27.86	19.62



# MFS Mid Cap Growth R6 OTCKX

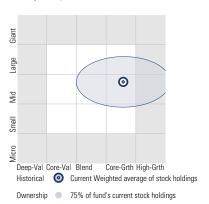
# Morningstar Category Mid-Cap Growth

# Morningstar Index

Russell Mid Cap Growth TR USD

# Style Analysis as of 03-31-2023

Morningstar Style Box™



# Style Breakdown

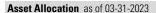
Equity

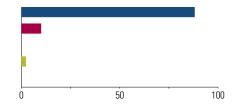
0	4	26	Large
3	27	34	Mid
0	5	1	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	0.38
Cash	2.12	2.50
Bonds	0.00	0.11
Non-US Stocks	9.87	4.14
US Stocks	88.01	92.88
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 03-	31-2023				
		Fund	Bmark	Cat	Fund • Benchmark ] Category Average	
<b>Դ</b>	Cyclical	32.80	27.76	29.41		
A	Basic Materials	2.38	2.84	2.46		
A	Consumer Cyclical	16.48	16.69	13.99		
Ę.	Financial Services	10.50	6.12	9.80		
<b>fi</b>	Real Estate	3.44	2.11	3.16		
W	Sensitive	49.15	52.45	47.80		
d	Communication Services	2.81	3.81	3.09		
•	Energy	2.49	4.52	3.24		
Ф	Industrials	19.05	16.27	14.95		
	Technology	24.80	27.85	26.52		
<b>-</b>	Defensive	18.03	19.80	22.79		
Ħ	Consumer Defensive	1.05	3.20	2.58		
+	Healthcare	16.98	16.32	19.51		
•	Utilities	0.00	0.28	0.70		
					0% 5 10 15 20 25 30 35 40 45	50 55

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Cadence Design Systems Inc	3.78	3.78	30.78	Technology
⊕ MSCI Inc	3.31	7.09	20.62	Financial Services
	3.19	10.28	41.83	Technology
⊕ Arthur J. Gallagher & Co	3.00	13.28	1.76	Financial Services
⊕ AMETEK Inc	2.64	15.92	4.19	Industrials
⊕ Verisk Analytics Inc	2.37	18.29	8.94	Industrials
⊕ O'Reilly Automotive Inc	2.22	20.51	0.59	Consumer Cyclical
Wolters Kluwer NV	2.16	22.67	19.02	Industrials
⇒ Steris PLC	2.14	24.82	3.82	Healthcare
⊕ Currency Cash CASH_USD	2.12	26.94	-	_
⊕ Ulta Beauty Inc	2.07	29.01	16.33	Consumer Cyclical
	2.00	31.01	-1.78	Basic Materials
⊕ Icon PLC	1.87	32.87	9.96	Healthcare
NICE Ltd ADR	1.85	34.72	19.03	Technology
⊕ Constellation Software Inc	1.83	36.55	22.18	Technology

# **Total Holdings 86**



# **PGIM Jennison Small Company R6** PJSQX

Morningstar Category

Small Growth

Morningstar Index

Russell 2000 Growth TR USD

### Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 9.35 years.

 $\times$  *Style:* The fund has landed in its primary style box — Small Growth — 8.82 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.71 is 40.34% lower than the Small Growth category average.

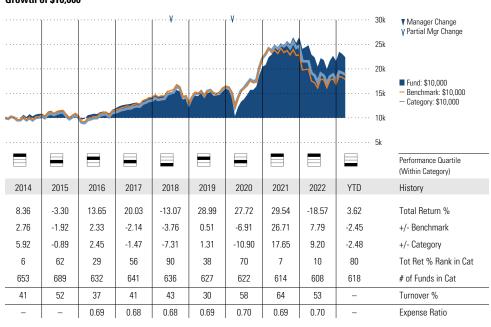
### **Morningstar Investment Management LLC Analysis**

This fund fails our style screen due to edging up into midcap territory but its portfolio positioning is consistent with the overall investment strategy.

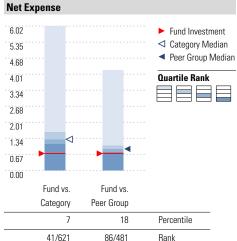
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Rick Score	Madium Rick	12-31-2022

# Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	15.22	_	2.48
Beta	0.85	_	0.95
R-Squared	87.60	_	90.45
Standard Deviation	21.83	24.09	24.19
Sharpe Ratio	1.24	0.59	0.67
Tracking Error	8.51	_	7.74
Information Ratio	1.88	_	0.27
Up Capture Ratio	113.63	_	101.11
Down Capture Ratio	69.02	-	95.22

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	13.62	14.30	20.30
Price/Book Ratio	2.23	3.55	3.51
Geom Avg Mkt Cap \$B	4.78	2.74	4.96
ROE	15.62	12.78	15.34



# **PGIM Jennison Small Company R6** PJSQX

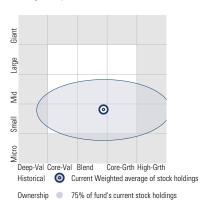
# 

Morningstar Index

Russell 2000 Growth TR USD

# Style Analysis as of 03-31-2023

Morningstar Style Box™



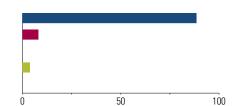
# Style Breakdown

Equity

	. ,			
	0	0	1	Large
	4	20	17	Mid
	20	25	14	Small
١	Value	Blend	Growth	

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 03-31-2023

Total	100.00	100.00
Other	0.00	1.29
Cash	3.64	2.35
Bonds	0.00	0.00
Non-US Stocks	7.94	4.29
US Stocks	88.43	92.09
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund ▼ Benchmark [] Category Average
ŀ	Cyclical	38.13	23.85	25.73	
ė.	Basic Materials	3.95	4.97	2.90	
Д	Consumer Cyclical	12.74	10.67	11.57	
÷	Financial Services	11.87	6.07	8.81	
à	Real Estate	9.57	2.14	2.45	
M	Sensitive	38.96	48.20	47.39	
₫	Communication Services	0.00	2.29	1.73	
ð	Energy	7.59	6.82	4.47	
Ф	Industrials	17.37	17.93	17.99	
	Technology	14.00	21.16	23.20	
<b>→</b>	Defensive	22.91	27.94	26.89	
=	Consumer Defensive	4.77	4.73	4.62	
٠	Healthcare	15.24	21.46	21.24	
•	Utilities	2.90	1.75	1.03	

Top 15 Holdings as of 03-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Prudential Govt Money Mkt Fd	3.45	3.45	_	_
Targa Resources Corp	2.47	5.92	-0.27	Energy
Gaming and Leisure Properties Inc	2.46	8.38	1.80	Real Estate
PDC Energy Inc	2.26	10.64	1.73	Energy
Performance Food Group Co	2.26	12.90	3.34	Consumer Defensive
Chord Energy Corp Ordinary Shares - New	2.08	14.98	1.89	Energy
Trinity Industries Inc	1.93	16.91	-16.74	Industrials
⇒ Apellis Pharmaceuticals Inc	1.65	18.56	27.56	Healthcare
Axis Capital Holdings Ltd	1.62	20.18	1.46	Financial Services
WEX Inc	1.62	21.80	12.37	Technology
Molina Healthcare Inc	1.59	23.39	-19.00	Healthcare
⊕ Sprout Social Inc Class A	1.51	24.89	7.83	Technology
⊕ Universal Display Corp	1.44	26.33	43.91	Technology
⇒ Shift4 Payments Inc Class A	1.42	27.75	35.53	Technology
KBR Inc	1.39	29.14	4.52	Industrials

Total Holdings 123



# PIMCO Commodity Real Ret Strat Instl PCRIX

**Morningstar Category** Commodities Broad Basket Morningstar Index

Bloomberg Commodity TR USD

# Portfolio Manager(s)

Greg Sharenow since 11-2018 Stephen Rodosky since 01-2019 Andrew Dewitt since 02-2022

#### **Quantitative Screens**

Performance: The fund has finished in the Commodities Broad Basket 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 4.41 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.76 is 27.62% lower than the Commodities Broad Basket category average.

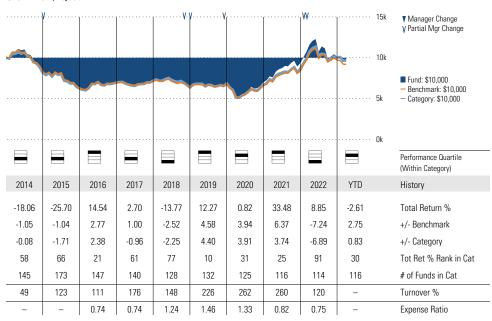
### **Morningstar Investment Management LLC Analysis**

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.

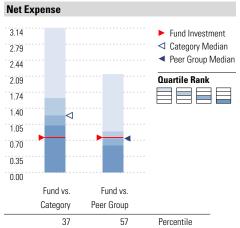
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	12-31-2022

# Growth of \$10,000







41/73 Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

Rank

3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	1.57	_	3.14
Beta	1.12	_	0.97
R-Squared	94.99	_	82.42
Standard Deviation	18.27	15.88	17.28
Sharpe Ratio	1.26	1.19	1.26
Tracking Error	4.52	-	6.83
Information Ratio	0.96	-	0.37
Up Capture Ratio	113.44	-	102.74
Down Capture Ratio	105.65	_	90.61

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	12.32	_	7.93
Price/Book Ratio	1.51	_	1.87
Geom Avg Mkt Cap \$B	20.09	_	44.07
ROE	16.78	-	27.17

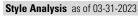


44/119

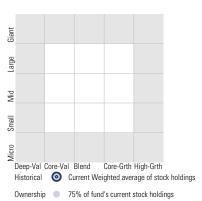
# PIMCO Commodity Real Ret Strat Instl PCRIX

#### **Morningstar Category Morningstar Index** Commodities Broad Basket

Bloomberg Commodity TR USD



Morningstar Style Box™



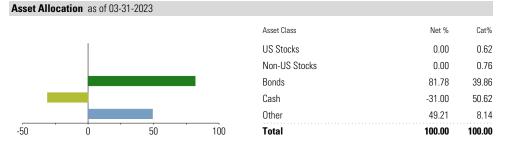
# Style Breakdown

Equity



Weight %

>50 25-50 10-25 0-10



		Fund	Bmark	Cat	Fund	▼ Bei	nchmark	Cate	gory Av	/erage		
<sub>Մ</sub>	Cyclical	-	-	44.68								
<del>A</del>	Basic Materials	_	_	44.68								
A	Consumer Cyclical	_	_	0.00								
	Financial Services	_	_	0.00	0							
<b>fi</b>	Real Estate	_	_	0.00								
W	Sensitive	-	-	51.07								
	Communication Services	_	_	0.00	ĺ							
ð	Energy	_	_	48.94								
Ф	Industrials	_	_	2.13								
	Technology	_	_	0.00	İ							
<b>—</b>	Defensive	-	-	4.26								
Ħ	Consumer Defensive	_	_	4.26								
+	Healthcare	_	_	0.00	ĺ							
•	Utilities	_	_	0.00	ĺ							

<b>Top 15 Holdings</b> as of 03-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ 5 Year Treasury Note Future Mar 23	24.31	24.31	_	_
	18.13	42.44	_	_
☆ Cash Offset	16.46	58.90	_	_
⊕ Euro Schatz Future Mar 23	13.61	72.51	_	_
─ United States Treasury Notes 0.125%	12.16	84.67	-	-
— 10 Year Treasury Note Future Mar 23	12.01	96.68	_	_
⊕ 3 Month Euribor TAS Future Mar 23	9.75	106.43	_	_
─ United States Treasury Notes 0.625%	9.70	116.12	_	_
─ U S TIPS REV REPO	9.31	125.43	_	_
⊕ U S TIPS REV REPO	8.88	134.31	-	-
⊕ TRS R 4.19/91282CDC2 MYC	7.79	142.10	_	_
⊕ Pimco Cayman Cmdty Fd Ltd Instl	7.24	149.34	_	_
⊕ United States Treasury Notes 0.125%	7.20	156.55	_	_
⊕ United States Treasury Notes 0.125%	6.28	162.82	_	_
─ US Treasury Bond Future Mar 23	5.85	168.67	_	_

### **Total Holdings 874**



# PIMCO Income Insti PIMIX

# Portfolio Manager(s)

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

#### **Quantitative Screens**

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

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

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.51 is 46.88% lower than the Multisector Bond category average.

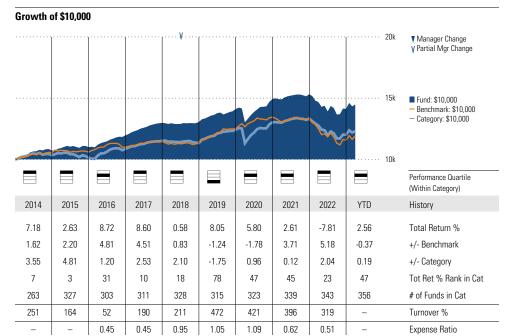
### **Morningstar Investment Management LLC Analysis**

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

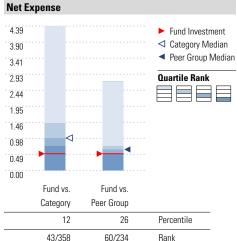
# Morningstar Category

Morningstar Index

Multisector Bond Bloomberg US Universal TR USD







	Fund	Bmark	Cat
Alpha	5.28	_	5.08
Beta	0.85	_	0.85
R-Squared	79.16	_	66.99
Standard Deviation	6.04	6.33	6.66
Sharpe Ratio	0.42	-0.48	0.36
Tracking Error	2.92	_	4.06
Information Ratio	1.92	_	1.35
Up Capture Ratio	113.18	_	114.73
Down Capture Ratio	51.58	_	55.37

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	3.83	4.55	4.53
Avg Eff Maturity	5.90	7.69	7.44



# PIMCO Income Insti PIMIX

Style Analysis as of 03-31-2023
Style Breakdown
Fixed Income

Quality

G

C

Ltd Mod Ext

Duration

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	48.99	67.64	23.04
AA	4.79	3.23	4.63
A	4.16	10.03	8.90
BBB	14.85	10.89	26.04
BB	14.13	3.19	18.79
В	4.43	3.64	11.23
Below B	8.66	1.38	2.88
Not Rated	0.00	0.00	4.48

#### Multisector Bond Bloomberg US Universal TR USD Asset Allocation as of 03-31-2023 Asset Class Cat% Net % US Stocks 1.15 1.13 Non-US Stocks 0.36 0.15 Bonds 129.67 99.84 Cash -31.68 4.40 Other 0.52 -5.53 -50 Ó 50 100 150 Total 100.00 100.00

**Morningstar Category** 

**Morningstar Index** 

Sector Weighting as of 03-			_				п -					
	Fund	Bmark	Cat	Fund	▼ Ber	nchmark	[] C	ategory .	Average			
Government	27.36	-	26.79									
Treasury	3.37	-	9.45			]						
Inflation – Protected	1.48	-	0.47	()								
Agency/Quasi Agency	0.18	-	0.85									
Other Government Related	22.33	_	16.02									
Corporate	5.98	-	38.40									
Corporate Bond	4.47	_	34.01									
Bank Loan	1.18	_	2.99									
Convertible	0.04	_	0.73	[								
Preferred	0.29	_	0.67	10								
Securitized	14.33	-	22.51						]			
Agency MBS Pass-Through	2.28	_	7.73									
Agency MBS ARM	0.00	_	0.01	ĺ								
Agency MBS CMO	0.25	_	0.70	i[								
Non-Agency Residential MBS	3.61	_	1.12									
Commercial MBS	0.02	_	1.60	[ [								
Asset-Backed	8.17	_	11.35									
Covered Bond	0.00	_	0.00									
Municipal	0.03	_	0.32	(								
Cash & Equivalents	29.48	_	8.58									
Other	22.36	_	3.38									
				0%	5	10	15	20	25	30	35	40

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
☆ Offset: Unsettled Trades	-	29.18	29.18	_
☆ Cash Offset	_	15.55	44.73	_
⊕ IRS USD 1.27000 11/04/22-1Y (WHT) LCH Pay	11-2023	14.02	58.75	_
⊕ IRS USD 1.27000 11/04/22-1Y (WHT) LCH Receive	11-2023	13.58	72.32	_
⊕ 10 Year Treasury Note Future Mar 23	03-2023	9.32	81.64	-
⊕ IRS EUR 2.95000 10/27/22-6Y* LCH Pay	03-2029	9.16	90.80	_
□ IRS USD 0.70000 12/14/21-3Y LCH Pay	12-2024	9.14	99.94	_
→ IRS USD 0.80000 12/14/21-3Y LCH Pay	12-2024	9.12	109.07	_
⊕ IRS EUR 2.95000 10/27/22-6Y* LCH Receive	03-2029	9.04	118.10	_
□ IRS USD 0.80000 12/14/21-3Y LCH Receive	12-2024	8.45	126.55	_

Total Holdings 7956



# PIMCO International Bond (USD-Hdg) Instl PFORX

Morningstar Category Global Bond-USD Hedged Morningstar Index Bloomberg US Agg Bond TR USD

# Portfolio Manager(s)

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

### **Quantitative Screens**

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

Management: The fund's management has been in place for 8.52 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.51 is
 29.17% lower than the Global Bond-USD Hedged category average.

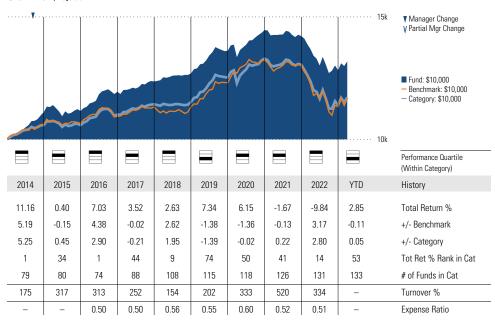
### **Morningstar Investment Management LLC Analysis**

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

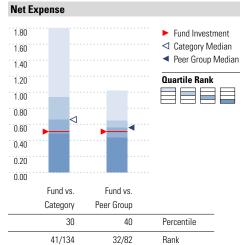
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Bating	3	03-31-2023

# Growth of \$10,000



#### **Trailing Performance Total Return %** as of 03-31-2023 ■ Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year 2.85 -3.68 -0.44 1.02 2.74 6.22 Fund Return % 2.96 -4.78 -2.77 0.91 1.36 6.67 Benchmark Return % 2 80 -5.31 0.30 -1 52 1.21 Category Average % 53 19 20 10 % Rank in Category 133 130 113 99 59 # of Funds in Category



3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.29	_	1.24
Beta	0.62	_	0.88
R-Squared	71.82	_	80.50
Standard Deviation	4.61	6.29	6.20
Sharpe Ratio	-0.32	-0.60	-0.38
Tracking Error	3.41	_	3.11
Information Ratio	0.68	_	0.54
Up Capture Ratio	72.69	_	102.61
Down Capture Ratio	56.51	_	86.07

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.13	4.43	6.49
Avg Eff Maturity	7.22	-	8.06



# PIMCO International Bond (USD-Hdg) Instl PFORX

**Morningstar Category** Global Bond-USD Hedged Morningstar Index

Bloomberg US Agg Bond TR USD

Style Analys	<b>is</b> as of 03-31-2023
Style Breakdov	wn
Fixed Income	Quality
	High
	Mid
	Low
Itd Mod F	xt
Liu IVIUU E	AL
Duration	

-50	0	50	100	150

Asset Allocation as of 03-31-2023

Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.01	0.02
Bonds	109.83	91.62
Cash	-6.61	8.06
Other	-3.24	0.31
Total	100.00	100.00

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	56.80	3.53	32.38
AA	13.68	74.59	12.66
A	16.98	10.82	22.96
BBB	7.77	8.32	19.86
BB	1.88	0.28	4.81
В	0.65	0.00	1.92
Below B	2.24	0.00	0.44
Not Rated	0.00	2.46	4.98

<b>Sector Weighting</b> as of 03-								Р	_						
	Fund	Bmark	Cat	Fund	7	Bench	nmark		Categ	jory Av	erage				
Government	40.62	-	52.68												
Treasury	5.10	_	37.91												
Inflation – Protected	0.41	-	0.85	10											
Agency/Quasi Agency	1.49	-	5.03												
Other Government Related	33.62	_	8.89												
Corporate	3.60	-	11.48												
Corporate Bond	2.60	_	11.39												
Bank Loan	0.06	_	0.09												
Convertible	0.76	_	0.00	)											
Preferred	0.18	_	0.00												
Securitized	8.07	-	5.87												
Agency MBS Pass-Through	2.80	_	3.28												
Agency MBS ARM	0.00	_	0.00												
Agency MBS CMO	0.02	_	0.24												
Non-Agency Residential MBS	1.24	_	0.31	D											
Commercial MBS	0.25	_	0.21												
Asset-Backed	2.96	_	1.44												
Covered Bond	0.80	_	0.39	0											
Municipal	0.03	-	0.07												
Cash & Equivalents	31.75	_	16.96												
Other	15.04	-	12.92				1								
				0%	5 1	n 1	5 :	20	25	30	35	40	45	50	55

<b>Top 10 Holdings</b> as of 03-31-2023				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
→ 3 Month SOFR Future Dec 23	03-2024	23.07	23.07	_
⊕ IRS EUR 1.50000 03/15/23-5Y LCH Pay	03-2028	21.27	44.34	_
⊕ IRS EUR 1.50000 03/15/23-5Y LCH Receive	03-2028	19.56	63.90	_
⊕ Euro Schatz Future Mar 23	03-2023	15.07	78.96	_
⊕ 3 Month SOFR Future June 23	09-2023	13.57	92.54	_
⊕ 3 Month SOFR Future June 24	09-2024	11.63	104.16	_
⊕ IRS EUR 1.75000 03/15/23-10Y LCH Pay	03-2033	10.93	115.09	_
	06-2027	10.68	125.77	_
⊕ Euro Bobl Future Mar 23	03-2023	9.90	135.67	_
	06-2027	9.79	145.46	_

Total Holdings 1646



# 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 6.93 years.
- Net Expense: The fund's expense ratio of 0.04 is 94.74% lower than the Large Blend category average.

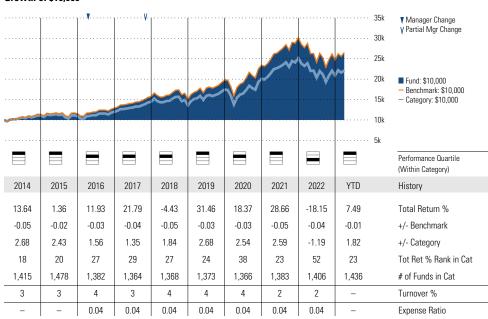
# **Morningstar Investment Management LLC Analysis**

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.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

# Growth of \$10,000



### **Trailing Performance**



Net Expe	ense		
4.87			► Fund Investment
4.33			Category Median
3.79			<ul> <li>Peer Group Median</li> </ul>
3.25			Quartile Rank
2.71			
2.16			
1.62			
1.08	4		
0.54			
0.00			
1	Fund vs.	Fund vs.	
C	ategory	Peer Group	
	7	32	Percentile
	92/1502	165/517	Rank

3-1 car hisk menics			
	Fund	Bmark	Cat
Alpha	-0.04	_	-0.27
Beta	1.00	_	0.94
R-Squared	100.00	_	94.87
Standard Deviation	19.23	19.23	18.62
Sharpe Ratio	0.92	0.92	0.88
Tracking Error	0.01	-	3.97
Information Ratio	-4.38	-	-1.04
Up Capture Ratio	99.95	-	93.75
Down Capture Ratio	100.07	_	94.82

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.63	19.90	18.81
Price/Book Ratio	3.78	3.64	3.46
Geom Avg Mkt Cap \$B	188.91	170.30	224.69
ROE	29.80	29.71	27.68

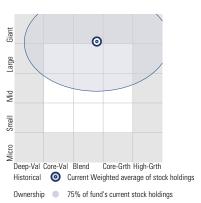




# Vanguard 500 Index Admiral VFIAX

# Style Analysis as of 03-31-2023

Morningstar Style Box™



# Style Breakdown

Equity

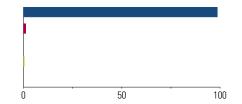
17	31	36	Large
5	8	3	MIG
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

# Asset Allocation as of 03-31-2023



Total	100.00	100.00
Other	0.00	1.09
Cash	0.31	0.70
Bonds	0.00	0.44
Non-US Stocks	1.09	2.91
US Stocks	98.61	94.85
Asset Class	Net %	Cat%

Morningstar Index

S&P 500 TR USD

**Morningstar Category** 

Large Blend

Sec	ctor Weighting as of 03-3	31-2023			
		Fund	Bmark	Cat	Fund Benchmark Category Average
<u></u>	Cyclical	27.86	29.73	29.12	
A	Basic Materials	2.39	2.51	2.90	
A	Consumer Cyclical	10.42	10.46	9.75	
<del>F</del>	Financial Services	12.42	13.98	14.15	
侖	Real Estate	2.63	2.78	2.32	
W	Sensitive	47.82	45.90	45.39	<u> </u>
	Communication Services	8.11	7.67	7.07	
•	Energy	4.61	4.80	4.31	
Ф	Industrials	8.42	8.71	10.48	
	Technology	26.68	24.72	23.53	
<b>→</b>	Defensive	24.32	24.37	25.49	
Ħ	Consumer Defensive	7.17	7.13	7.41	
+	Healthcare	14.28	14.42	15.41	
•	Utilities	2.87	2.82	2.67	
					0% 5 10 15 20 25 30 35 40 45 50

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	7.12	7.12	27.09	Technology
Microsoft Corp	6.23	13.36	20.50	Technology
⊕ Amazon.com Inc	2.68	16.03	22.96	Consumer Cyclical
○ NVIDIA Corp	1.99	18.02	90.10	Technology
⊕ Alphabet Inc Class A	1.79	19.81	17.57	Communication Svc
⊕ Tesla Inc	1.62	21.43	68.42	Consumer Cyclical
⊕ Berkshire Hathaway Inc Class B	1.62	23.05	-0.04	Financial Services
	1.57	24.62	17.21	Communication Svc
	1.37	25.99	76.12	Communication Svc
Exxon Mobil Corp	1.31	27.30	0.24	Energy
⊕ UnitedHealth Group Inc	1.28	28.58	-10.55	Healthcare
⊕ Johnson & Johnson	1.18	29.76	-11.62	Healthcare
⊕ JPMorgan Chase & Co	1.11	30.87	-2.08	Financial Services
	1.06	31.93	8.74	Financial Services
Procter & Gamble Co	1.02	32.95	-1.29	Consumer Defensive

Total Holdings 509



# Vanguard Dividend Growth Inv VDIGX

### **Morningstar Category** Large Blend

Morningstar Index S&P 500 TR USD

### Portfolio Manager(s)

Donald Kilbride since 02-2006 Peter Fisher since 07-2022

### **Quantitative Screens**

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

Management: The fund's management has been in place for 17.17 years.

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

Net Expense: The fund's expense ratio of 0.27 is 64.47% lower than the Large Blend category average.

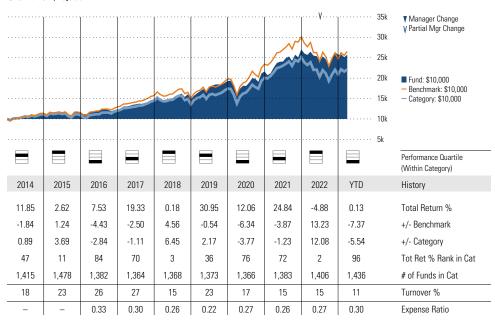
### **Morningstar Investment Management LLC Analysis**

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.

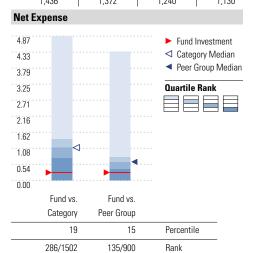
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
FSG Commitment	2-Basic	02-15-2022

### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 03-31-2023 ■ Fund Benchmark Category 5 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year Fund Return % 0.13 -2.78 17.22 12.05 11.80 9.00 10.71 7.50 -7.73 18.60 11.19 12.24 Benchmark Return % 5.67 -7.36 17 68 10.85 9 68 Category Average % 96 8 69 5 28 % Rank in Category 1.436 1.372 1.240 1.130 835 # of Funds in Category



3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	2.72	_	-0.27
Beta	0.76	_	0.94
R-Squared	83.67	_	94.87
Standard Deviation	16.07	19.23	18.62
Sharpe Ratio	1.00	0.92	0.88
Tracking Error	7.92	-	3.97
Information Ratio	-0.17	-	-1.04
Up Capture Ratio	83.30	-	93.75
Down Capture Ratio	76.15	-	94.82

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	24.02	19.90	18.81
Price/Book Ratio	5.97	3.64	3.46
Geom Avg Mkt Cap \$B	164.79	170.30	224.69
ROE	36.17	29.71	27.68



# Vanguard Dividend Growth Inv VDIGX

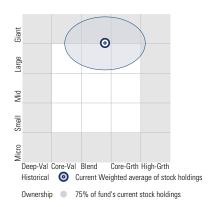
### **Morningstar Category** Large Blend

Morningstar Index

S&P 500 TR USD

# Style Analysis as of 03-31-2023

Morningstar Style Box™



# Style Breakdown

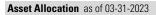
Equity

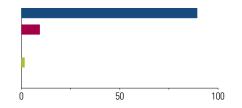
9	71	21	Large
0	0	0	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	1.09
Cash	1.49	0.70
Bonds	0.00	0.44
Non-US Stocks	9.19	2.91
US Stocks	89.31	94.85
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund ▼ Benchmark [] Category Average	
٠ •	Cyclical	34.81	29.73	29.12	Tund Donomian Godogory / Wordgo	
A	Basic Materials	5.59	2.51	2.90		
A	Consumer Cyclical	12.30	10.46	9.75	, v	
æ	Financial Services	14.11	13.98	14.15		
<b>fi</b>	Real Estate	2.81	2.78	2.32		
W	Sensitive	31.36	45.90	45.39		
	Communication Services	0.00	7.67	7.07		
•	Energy	0.00	4.80	4.31		
Ф	Industrials	22.47	8.71	10.48		
	Technology	8.89	24.72	23.53		
<b>-</b>	Defensive	33.82	24.37	25.49		
Ħ	Consumer Defensive	15.50	7.13	7.41		
+	Healthcare	17.22	14.42	15.41		
•	Utilities	1.10	2.82	2.67		

#### Top 15 Holdings as of 03-31-2023 YTD Return % Name % Net Asset Cumulative % Morningstar Sector 3.76 3.76 Consumer Cyclical -1.19 Stryker Corp 3.76 7.52 17.07 Healthcare -10.55 UnitedHealth Group Inc 3.57 11.10 Healthcare Microsoft Corp 3.53 14.62 20.50 Technology Nike Inc Class B 18.01 3.39 5.10 Consumer Cyclical McDonald's Corp 3.20 21.21 6.68 Consumer Cyclical Honeywell International Inc 3.17 24.38 -10.34 Industrials 27.42 Colgate-Palmolive Co 3.04 -4.02 Consumer Defensive Northrop Grumman Corp 3.02 30.44 -15.06 Industrials 9.36 Linde PLC 3.01 33.45 Basic Materials PepsiCo Inc 2.97 36.42 1.54 Consumer Defensive Visa Inc Class A 2.96 39.38 8.74 Financial Services Procter & Gamble Co 2.87 42.25 -1.29 Consumer Defensive Marsh & McLennan Companies Inc 2.80 45.05 1.00 Financial Services Texas Instruments Inc 2.66 47.72 13.33 Technology

Total Holdings



# Vanguard Inflation-Protected Secs Adm VAIPX

Morningstar Category
Inflation-Protected Bond

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

## Portfolio Manager(s)

John Madziyire since 11-2021

#### **Quantitative Screens**

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

× *Management:* The fund's management 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 0.1 is 82.76% lower than the Inflation-Protected Bond category average.

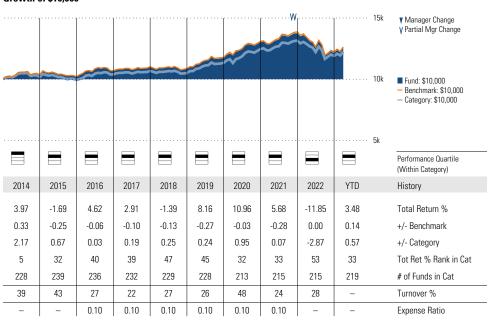
#### **Morningstar Investment Management LLC Analysis**

This fund fails the manager tenure screen; however, the current manager has earned results consistent with those of his predecessor.

#### **ESG Metrics**

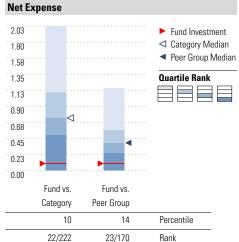
Metric	Rating	Updated
Sustainability Rating	3	03-31-2023

#### Growth of \$10,000



#### **Trailing Performance**





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 Kisk Metrics			
	Fund	Bmark	Cat
Alpha	-0.06	_	0.93
Beta	0.99	_	0.90
R-Squared	99.65	_	92.97
Standard Deviation	7.02	7.10	6.63
Sharpe Ratio	0.11	0.12	0.29
Tracking Error	0.43	_	2.03
Information Ratio	-0.20	_	0.14
Up Capture Ratio	98.51	_	94.57
Down Capture Ratio	99.21	_	84.84

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.86	4.52	6.46
Avg Eff Maturity	7.50	_	6.93



Duration

# Vanguard Inflation-Protected Secs Adm VAIPX

Morningstar Category Inflation-Protected Bond **Morningstar Index** Bloomberg US Treasury US TIPS TR USD

Style Analysis as of 03-31-2023
Style Breakdown
Fixed Income

Quality

Girl

Ltd Mod Ext

<b>Asset Allocation</b>	as of 03-31-2023		
I			
0	50	1	00

Bonds Cash	0.06	3.10
	99.94	96.60
Non-US Stocks	0.00	0.00
US Stocks	0.00	0.00
Asset Class	Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	99.14	0.00	97.23
AA	0.00	99.60	0.21
A	0.00	0.00	0.52
BBB	0.00	0.00	0.98
BB	0.00	0.00	0.12
В	0.00	0.00	0.04
Below B	0.00	0.00	0.01
Not Rated	0.86	0.40	0.89

	E	Describ	0-4	Francis	_	. п	1-		п.	0-4		۸.		_				
	Fund	Bmark	Cat	Fund		Bei	ncnn	nark	U 1	Cate	gory	Ave	erag	е				
Government	99.91	-	90.66				1	1 1		1	1		- 1	:	:	1 1	_ J	۰
Treasury	0.00	-	1.23															
Inflation – Protected	99.91	-	85.35															
Agency/Quasi Agency	0.00	-	0.09															
Other Government Related	0.00	_	3.99															
Corporate	0.00	_	1.97															
Corporate Bond	0.00	-	1.91															
Bank Loan	0.00	_	0.06															
Convertible	0.00	_	0.00															
Preferred	0.00	_	0.00															
Securitized	0.00	-	4.09															
Agency MBS Pass-Through	0.00	_	0.71															
Agency MBS ARM	0.00	_	0.00															
Agency MBS CMO	0.00	_	0.40															
Non-Agency Residential MBS	0.00	_	0.44															
Commercial MBS	0.00	_	0.51															
Asset-Backed	0.00	_	1.95															
Covered Bond	0.00	_	0.08															
Municipal	0.00	_	0.04															
Cash & Equivalents	0.09	_	3.22	[]														
Other	0.00	_	0.03															

 $0\% \ 5 \ 10 \ 15 \ 20 \ 25 \ 30 \ 35 \ 40 \ 45 \ 50 \ 55 \ 60 \ 65 \ 70 \ 75 \ 80 \ 85 \ 90 \ 9500$ 

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
① United States Treasury Notes	_	3.91	3.91	_
⊖ United States Treasury Notes	_	3.60	7.51	_
⊕ United States Treasury Notes	_	3.54	11.04	_
→ United States Treasury Notes	_	3.33	14.38	_
United States Treasury Notes	-	3.25	17.62	-
⊕ United States Treasury Notes	_	3.15	20.77	_
⊕ United States Treasury Notes	_	3.13	23.91	_
United States Treasury Notes	_	3.01	26.91	_
⊖ United States Treasury Notes	_	3.00	29.92	_
United States Treasury Notes	_	2.98	32.89	_

Total Holdings 50



# Vanguard International Value Inv VTRIX

Morningstar Category Foreign Large Value Morningstar Index MSCI EAFE NR USD

## Portfolio Manager(s)

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

#### **Quantitative Screens**

- ❷ Performance: The fund has finished in the Foreign Large
  Value category's top three quartiles in 8 of the 10 years it's
  been in existence.
- Management: The fund's management has been in place for 12.85 years.
- × Style: The fund has landed in its primary style box Large Value 58.33 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.38 is 61.62% lower than the Foreign Large Value category average.

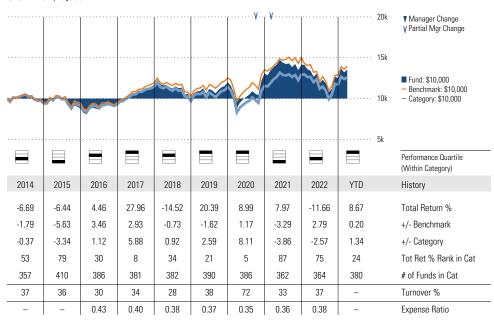
## **Morningstar Investment Management LLC Analysis**

This fund fails the style consistency screen. Its largest underlying subadvisor employs a relative value approach, which can include more growth-leaning stocks, causing the fund to plot near the border of the value and blend column in the Morningstar Stylebox.

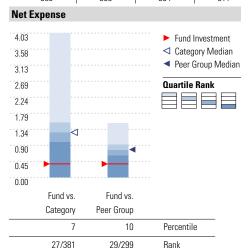
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	03-31-2023
Carbon Risk Score	Medium Risk	12-31-2022

## Growth of \$10,000



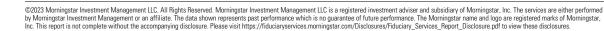




Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.97	_	2.09
Beta	1.02	_	0.99
R-Squared	91.94	_	88.72
Standard Deviation	19.28	18.16	19.08
Sharpe Ratio	0.77	0.70	0.76
Tracking Error	5.48	_	6.57
Information Ratio	0.42	_	0.28
Up Capture Ratio	103.03	_	101.20
Down Capture Ratio	94.25	_	92.76

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	13.76	13.67	10.03
Price/Book Ratio	1.69	1.68	1.22
Geom Avg Mkt Cap \$B	31.30	45.57	34.15
ROE	15.68	17.90	15.97





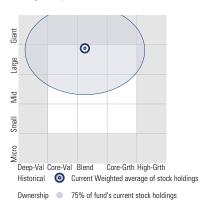
# Vanguard International Value Inv VTRIX

# Morningstar Category Foreign Large Value MS

**Morningstar Index** MSCI EAFE NR USD

## Style Analysis as of 03-31-2023

Morningstar Style Box™



## Style Breakdown

Equity

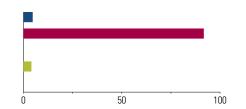
21	37	19	Large
5	8	5	Mid
1	1	1	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

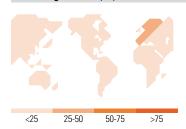
## Asset Allocation as of 03-31-2023



Cash	3.86	1.62
Bonds	0.00	0.04
Non-US Stocks	91.60	95.29
US Stocks	4.54	2.77
Asset Class	Net %	Cat%

-	ctor Weighting as of 03-3													
		Fund	Bmark	Cat	Fund	d '	Bench	mark	Categ	jory Ave	erage			
<b>Դ</b>	Cyclical	43.49	40.60	43.55										
A	Basic Materials	11.02	7.74	8.86										
<b>A</b>	Consumer Cyclical	17.50	10.93	10.64										
<del>,</del>	Financial Services	14.27	19.19	22.49					<b>"</b> :					
<b>fi</b>	Real Estate	0.70	2.74	1.56		'								
W	Sensitive	40.42	33.42	34.78										
	Communication Services	5.68	4.52	5.99										
•	Energy	5.96	5.00	7.70		•								
Ф	Industrials	18.88	15.60	14.64										
	Technology	9.90	8.30	6.45			•			Ė				
<b>→</b>	Defensive	16.09	25.98	21.69			· · ·							
Ħ	Consumer Defensive	6.31	9.99	7.97										
+	Healthcare	7.25	12.89	10.05			[	1						
•	Utilities	2.53	3.10	3.67										
					0%	5	10	15	20	25	30	35	40	4

## World Regions % Equity 03-31-2023



Greater Asia	Fund % 39.94	Cat % 31.16	
Japan	11.28	16.96	
Australasia	0.77	3.94	
Asia-4 Tigers	12.57	7.35	
Asia-ex 4 Tigers	15.32	2.91	
Not Classified	0.00	0.00	

Americas	Fund % 10.39	Cat % 8.54	Greater Europe	Fund % 49.67	Cat % 60.30	Market Maturity	Fund %
North America	6.80	7.45	United Kingdom	15.78	17.60	Developed Markets	80.64
Central/Latin	3.59	1.09	W euro-ex UK	33.34	42.05	Emerging Markets	19.36
			Emrgng Europe	0.00	0.12	Not Available	0.00
			Africa	0.55	0.53		

<b>Top 10 Holdings</b> as of 03-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	2.57	2.57	_	_
⊕ Alibaba Group Holding Ltd Ordinary Shares	2.25	4.82	12.75	Consumer Cyclical
⊕ HSBC Holdings PLC	1.94	6.76	10.32	Financial Services
Airbus SE	1.64	8.40	11.04	Industrials
BP PLC	1.62	10.02	8.73	Energy
─ Holcim Ltd	1.57	11.59	23.02	Basic Materials
AIA Group Ltd	1.56	13.15	-4.78	Financial Services
RELX PLC	1.25	14.40	14.42	Industrials
Tencent Holdings Ltd	1.22	15.61	19.46	Communication Svc
Baidu Inc ADR	1.19	16.81	31.95	Communication Svc

## Total Holdings 211

## 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 26.9 years.

Net Expense: The fund's expense ratio of 0.12 is 88.57% lower than the Real Estate category average.

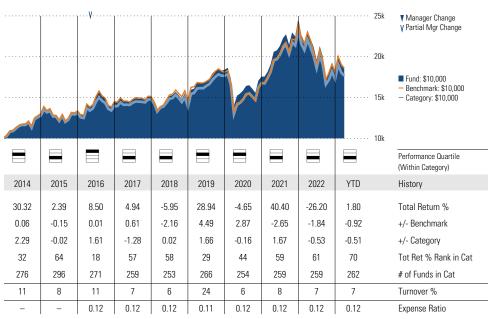
## **Morningstar Investment Management LLC Analysis**

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.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
FSG Commitment	1-l ow	02-15-2022

## Growth of \$10,000



#### **Trailing Performance Total Return %** as of 03-31-2023 ■ Fund 5 Benchmark Category -10 -15 -20 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year Fund Return % 1.80 -20.10 9.83 5.82 5.79 8.99 2.72 -19.08 12.03 6.03 5.83 8.91 Benchmark Return % -19 94 10 47 4.87 2.31 5 26 Category Average % 70 54 64 45 43 % Rank in Category

213

156

Net Expe	ense		
7.00			► Fund Investment
6.22			Category Median
5.44			<ul> <li>Peer Group Median</li> </ul>
4.67			Quartile Rank
3.89			
3.11			
2.33			
1.56	⊲		
0.78			
0.00			
	Fund vs.	Fund vs.	
(	Category	Peer Group	
	5	39	Percentile
	14/262	18/47	Rank

261

237

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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-1.97	_	-1.08
Beta	1.00	_	0.95
R-Squared	98.52	_	93.02
Standard Deviation	20.41	20.25	20.01
Sharpe Ratio	0.50	0.60	0.53
Tracking Error	2.48	_	4.83
Information Ratio	-0.89	_	-0.48
Up Capture Ratio	97.58	_	94.13
Down Capture Ratio	104.56	_	98.38

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	26.67	38.46	26.96
Price/Book Ratio	2.17	2.42	2.15
Geom Avg Mkt Cap \$B	21.23	9.35	26.33
ROE	15.67	9.56	14.69



# of Funds in Category

262

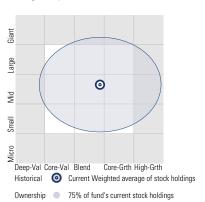
# Vanguard Real Estate Index Admiral VGSLX

Morningstar Index **Morningstar Category** Real Estate

S&P United States REIT TR USD

## Style Analysis as of 03-31-2023

Morningstar Style Box™



## Style Breakdown

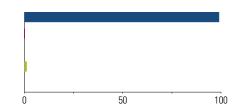
Equity

0	19	15	Large
8	35	6	MIG
5	10	2	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 03-31-2023

Total	100.00	100.00
Other	0.00	11.80
Cash	1.04	1.08
Bonds	0.00	3.50
Non-US Stocks	0.02	1.12
US Stocks	98.93	82.50
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	•	Benchmark	Cat	egory	Avera	ge		
. C	yclical	99.18	99.13	99.26									
В	asic Materials	0.00	0.00	0.04									
C	onsumer Cyclical	0.00	0.13	1.31									
🔑 Fi	nancial Services	0.03	0.00	0.31									
<b>∂</b> R	eal Estate	99.15	99.00	97.60									
~ S	ensitive	0.82	0.87	0.67	ď								
C	ommunication Services	0.76	0.00	0.20									
<b>b</b> Ei	nergy	0.00	0.00	0.04									
i In	ndustrials	0.00	0.87	0.24									
Te	echnology	0.06	0.00	0.19									
→ D	efensive	0.00	0.00	0.07	İ								
C	onsumer Defensive	0.00	0.00	0.00									
<b>1</b>	ealthcare	0.00	0.00	0.01									
] U	tilities	0.00	0.00	0.06	ĺ								

<b>Top 15 Holdings</b> as of 03-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	12.37	12.37	-	_
<ul><li>→ Prologis Inc</li></ul>	8.04	20.41	11.45	Real Estate
	6.64	27.04	-3.55	Real Estate
⊕ Equinix Inc	4.66	31.70	10.60	Real Estate
○ Crown Castle Inc	4.04	35.74	-0.17	Real Estate
<ul><li>─ Public Storage</li></ul>	3.33	39.08	8.90	Real Estate
⊕ Realty Income Corp	2.77	41.85	1.02	Real Estate
	2.48	44.33	-3.16	Real Estate
	2.28	46.61	10.30	Real Estate
⊖ SBA Communications Corp Class A	1.97	48.58	-6.56	Real Estate
○ VICI Properties Inc Ordinary Shares	1.91	50.49	1.88	Real Estate
Digital Realty Trust Inc     ■	1.88	52.36	-0.74	Real Estate
⊕ AvalonBay Communities Inc	1.64	54.01	5.07	Real Estate
⊕ CBRE Group Inc Class A	1.61	55.61	-5.39	Real Estate
	1.55	57.16	0.71	Real Estate

**Total Holdings 169** 



# Vanguard Selected Value Inv VASVX

**Morningstar Category** Mid-Cap Value

Morningstar Index

Russell Mid Cap Value TR USD

## Portfolio Manager(s)

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

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 18.1 years.

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

Net Expense: The fund's expense ratio of 0.38 is 61.62% lower than the Mid-Cap Value category average.

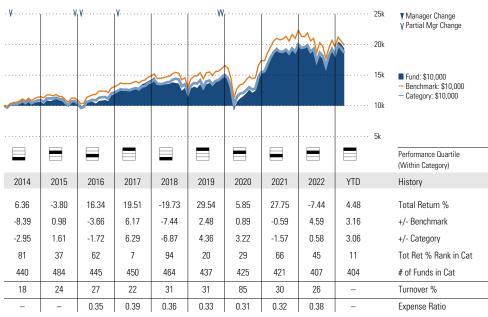
## **Morningstar Investment Management LLC Analysis**

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

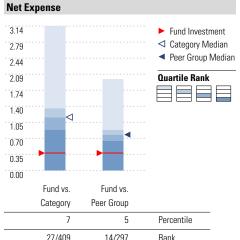
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	03-31-2023
Carbon Risk Score	Medium Risk	12-31-2022

# Growth of \$10,000





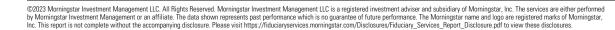


14/297 Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

Rank

3-Year KISK Welfics			
	Fund	Bmark	Cat
Alpha	4.32	_	1.62
Beta	1.10	_	0.98
R-Squared	94.72	_	94.06
Standard Deviation	22.73	20.04	20.25
Sharpe Ratio	1.15	0.98	1.03
Tracking Error	5.63	-	5.06
Information Ratio	1.30	-	0.25
Up Capture Ratio	116.05	-	98.95
Down Capture Ratio	100.34	-	92.21

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	10.69	15.15	13.95
Price/Book Ratio	1.43	2.11	1.83
Geom Avg Mkt Cap \$B	8.28	16.49	12.34
ROE	11.98	15.14	16.14





# Vanguard Selected Value Inv VASVX

# Morningstar Category ■ Mid-Cap Value

Morningstar Index

Russell Mid Cap Value TR USD

## Style Analysis as of 03-31-2023

Morningstar Style Box™



## Style Breakdown

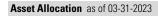
Equity

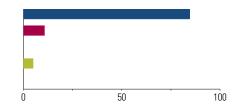
1	4	0	Large
38	16	4	MIG
20	17	1	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	0.41
Cash	4.82	2.25
Bonds	0.00	0.01
Non-US Stocks	10.63	6.77
US Stocks	84.55	90.55
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund • Benchmark [] Category Average
b	Cyclical	50.59	46.70	41.98	
à.	Basic Materials	7.38	6.51	5.56	
-	Consumer Cyclical	15.14	10.90	12.16	
ê	Financial Services	25.80	18.17	18.00	
b	Real Estate	2.27	11.12	6.26	
NI	Sensitive	36.04	33.70	35.68	
	Communication Services	2.01	3.42	3.23	
•	Energy	3.81	5.09	5.99	
\$	Industrials	18.53	15.43	16.78	
3	Technology	11.69	9.76	9.68	
<b>→</b>	Defensive	13.37	19.60	22.35	
Ę	Consumer Defensive	2.79	4.19	6.35	
۲	Healthcare	8.28	7.23	9.59	
?	Utilities	2.30	8.18	6.41	

-				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	4.68	4.68	_	_
AerCap Holdings NV	3.30	7.97	-3.58	Industrials
Gildan Activewear Inc	1.93	9.91	21.78	Consumer Cyclical
→ TE Connectivity Ltd	1.89	11.80	14.73	Technology
⊕ Globe Life Inc	1.71	13.51	-8.38	Financial Services
Arrow Electronics Inc	1.68	15.18	19.41	Technology
Unum Group	1.55	16.73	-2.78	Financial Services
→ Taylor Morrison Home Corp	1.43	18.16	26.06	Consumer Cyclical
⇒ Fresenius Medical Care AG & Co. KGaA ADR	1.40	19.56	30.11	Healthcare
Fidelity National Financial Inc	1.39	20.94	-5.95	Financial Services
Lear Corp	1.27	22.22	13.09	Consumer Cyclical
Omnicom Group Inc	1.25	23.46	16.51	Communication Svc
Edison International	1.24	24.70	12.11	Utilities
Dow Inc	1.21	25.91	10.18	Basic Materials
Avnet Inc	1.18	27.10	9.40	Technology

Total Holdings 136



# Vanguard Target Retirement 2020 Fund VTWNX

**Morningstar Category** Target-Date 2020

Morningstar Index Morningstar Lifetime Mod 2020 TR USD

#### Portfolio Manager(s)

Michael Roach since 02-2023 Roger Aliaga-Díaz since 02-2023 Aurélie Denis since 02-2023

#### **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

Management: The fund's management has been in place for 10.11 years.

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

Net Expense: The fund's expense ratio of 0.08 is 86.89% lower than the Target-Date 2020 category average.

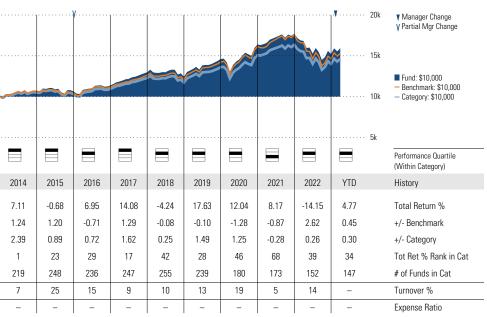
## **Morningstar Investment Management LLC Analysis**

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

#### **ESG Metrics**

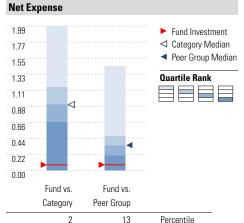
Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
ESG Commitment	1-Low	02-15-2022

## Growth of \$10,000



#### **Trailing Performance**





	3/147	42/330	Rank		
Peer grou	p is a subset of	f the category and	l includes fund	ds with the	
same management style (active vs. passive) and similar share class					
characteri	stics.				

3/147

3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	1.43	_	1.19
Beta	0.88	-	0.89
R-Squared	98.51	_	97.15
Standard Deviation	10.67	11.97	10.81
Sharpe Ratio	0.57	0.45	0.54
Tracking Error	1.90	_	2.32
Information Ratio	0.46	_	0.39
Up Capture Ratio	93.00	_	92.55
Down Capture Ratio	84.45	-	85.37

Portfolio Metrics						
Fund	Bmark	Cat				
15.44	16.22	16.42				
2.23	2.34	2.40				
6.00	-	5.78				
	15.44	15.44 16.22 2.23 2.34				



Rank



# **Vanguard Target Retirement 2020 Fund** VTWNX

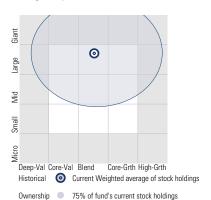
Quality High MidLow

**Morningstar Category** Target-Date 2020

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

## Style Analysis as of 03-31-2023

Morningstar Style Box™



## Style Breakdown

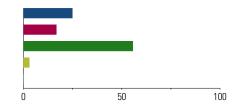
Equity				Fixed Ir	ncome
19	28	25	Large		
7	9	5	Mid		
3	3	2	Small		
Value	Blond	Crowth		Ltd	Mod

Value Blend Growth

Mod Duration

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

## Asset Allocation as of 03-31-2023



Asset Class Net % Cat% US Stocks 24.81 25.78 Non-US Stocks 16.67 14.07 Bonds 55.56 49.20 Cash 2.93 3.01 Other 0.03 7.94 100.00 Total 100.00

		From al	Danada	0-4	Г		. Dl.	and and	П с-+	· · · · · ·				
		Fund	Bmark	Cat	Fund	1 '	Bench	mark	Categ	ory Ave	rage			
<b>Դ</b>	Cyclical	35.76	40.62	36.64		,								
A	Basic Materials	4.98	4.80	4.69										
A	Consumer Cyclical	10.88	11.49	10.55				-						
<del>,</del>	Financial Services	16.44	15.52	15.85			,							
ŵ	Real Estate	3.46	8.81	5.55		<b>I</b>	,							
W	Sensitive	42.17	36.97	41.02										П
	Communication Services	6.50	5.04	6.09										
ð	Energy	5.03	5.01	5.10										
Ф	Industrials	11.61	11.75	11.01				1						
	Technology	19.03	15.17	18.82										
<b>-</b>	Defensive	22.08	22.41	22.34										
Ħ	Consumer Defensive	7.04	6.87	6.77										
+	Healthcare	12.21	12.47	12.73				Ĭ						
•	Utilities	2.83	3.07	2.84		]								
					0%	5	10	15	20	25	30	35	40	4

<b>Top 7 Holdings</b> as of 03-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Bond Market II Idx Inv	_	31.77	31.77	_	_
→ Vanguard Total Stock Mkt Idx Instl Pls	-	25.16	56.94	_	_
Ovanguard Total Intl Stock Index Inv	_	17.04	73.97	_	_
→ Vanguard Total Intl Bd II Idx Insl	_	14.08	88.05	_	_
⇒ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	10.90	98.95	-	_
⊕ Mktliq 12/31/2049	_	1.04	99.99	_	_
⊕ Us Dollar	_	0.01	100.00	_	_

## Total Holdings 7



# Vanguard Target Retirement 2025 Fund VTTVX

**Morningstar Category** Target-Date 2025

Morningstar Index Morningstar Lifetime Mod 2025 TR USD

#### Portfolio Manager(s)

Michael Roach since 02-2023 Roger Aliaga-Díaz since 02-2023 Aurélie Denis since 02-2023

#### **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

Management: The fund's management has been in place for 10.11 years.

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

Net Expense: The fund's expense ratio of 0.08 is 87.88% lower than the Target-Date 2025 category average.

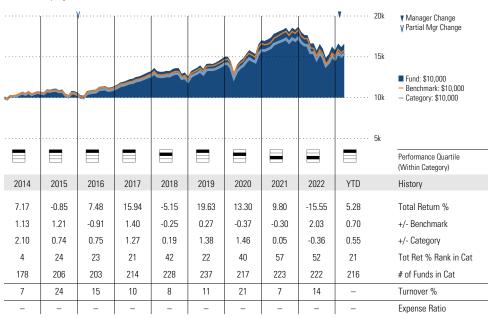
## **Morningstar Investment Management LLC Analysis**

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

#### **ESG Metrics**

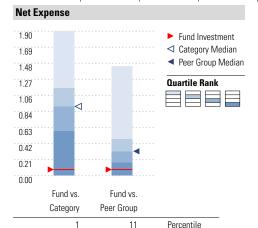
Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

#### Growth of \$10,000



### **Trailing Performance**





3/216	54/498	Rank	
Peer group is a subset of t	the category ar	nd includes funds with th	е
same management style (	active vs. pass	ive) and similar share cla	ISS
charactoristics			

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.58	_	1.28
Beta	0.95	_	0.89
R-Squared	98.71	_	97.60
Standard Deviation	12.34	12.95	11.66
Sharpe Ratio	0.61	0.49	0.58
Tracking Error	1.56	-	2.43
Information Ratio	0.86	-	0.43
Up Capture Ratio	100.24	-	93.63
Down Capture Ratio	92.04	-	86.99

Portfolio Metrics						
Fund	Bmark	Cat				
15.45	16.05	16.52				
2.23	2.32	2.43				
6.42	-	6.54				
	15.45	15.45 16.05 2.23 2.32				



# **Vanguard Target Retirement 2025 Fund** VTTVX

Quality High MidLow

#### **Morningstar Index** Morningstar Lifetime Mod 2025 TR USD **Morningstar Category** Target-Date 2025

## Style Analysis as of 03-31-2023

Morningstar Style Box™



## Style Breakdown

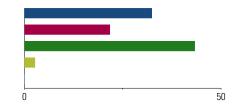
Equity				rixeu	IIICOIIIE
19	28	25	Large		
7	9	5	Mid		
3	3	2	Small		
Value	Blend	Growth		l td	Mod

Duration

>50 25-50 10-25 0-10

Weight %

## Asset Allocation as of 03-31-2023



Total	100.00	100.00
Other	0.03	10.69
Cash	2.63	3.72
Bonds	43.29	41.64
Non-US Stocks	21.69	15.03
US Stocks	32.36	28.92
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund ▼ Benchmark [] Category Average
b	Cyclical	35.75	40.54	35.96	
ė.	Basic Materials	4.99	4.89	4.57	
<b>-</b>	Consumer Cyclical	10.89	11.55	10.49	
ê	Financial Services	16.42	15.67	15.42	
b	Real Estate	3.45	8.43	5.48	
NF	Sensitive	42.18	37.09	41.39	
	Communication Services	6.49	5.06	6.26	
•	Energy	5.05	5.02	5.07	
þ	Industrials	11.60	11.88	10.83	0'
1	Technology	19.04	15.13	19.23	
+	Defensive	22.06	22.37	22.66	
7	Consumer Defensive	7.03	6.87	6.91	
ř	Healthcare	12.21	12.42	12.74	
?	Utilities	2.82	3.08	3.01	

<b>Top 7 Holdings</b> as of 03-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Ovanguard Total Stock Mkt Idx Instl Pls	_	32.82	32.82	_	_
Ovanguard Total Bond Market II ldx Inv	_	27.95	60.77	_	-
Ovanguard Total Intl Stock Index Inv	_	22.16	82.93	_	-
⊕ Vanguard Total Intl Bd II Idx Insl	_	12.12	95.05	_	-
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	3.95	99.00	-	-
⊕ Mktliq 12/31/2049	_	0.98	99.98	_	_
⊕ Us Dollar	_	0.02	100.00	_	_

## Total Holdings 7



# Vanguard Target Retirement 2030 Fund VTHRX

**Morningstar Category** Target-Date 2030

Morningstar Index Morningstar Lifetime Mod 2030 TR USD

## Portfolio Manager(s)

Michael Roach since 02-2023 Roger Aliaga-Díaz since 02-2023 Aurélie Denis since 02-2023

#### **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

Management: The fund's management has been in place for 10.11 years.

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

Net Expense: The fund's expense ratio of 0.08 is 88.24% lower than the Target-Date 2030 category average.

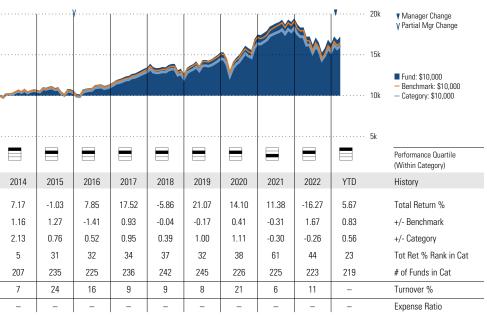
## **Morningstar Investment Management LLC Analysis**

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

## Growth of \$10,000



# **Trailing Performance**



Net Exp	ense			
1.90				Fund Investment
1.69				Category Median
1.48				<ul> <li>Peer Group Mediar</li> </ul>
1.27				Quartile Rank
1.06	⊲			
0.84				
0.63				
0.42				
0.21				
0.00				
	Fund vs.	Fund	VS.	
	Category	Peer Gr	oup	
	1		12	Percentile

Peer group is a subset of the category and includes funds with the
same management style (active vs. passive) and similar share class $% \left( 1\right) =\left( 1\right) \left( 1\right) $
characteristics.

50/423

Rank

3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	1.37	_	1.30
Beta	0.96	_	0.93
R-Squared	98.93	_	98.22
Standard Deviation	13.51	14.06	13.16
Sharpe Ratio	0.66	0.57	0.65
Tracking Error	1.53	_	2.16
Information Ratio	0.73	_	0.51
Up Capture Ratio	100.06	_	97.20
Down Capture Ratio	93.67	_	91.19

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.42	15.88	16.58
Price/Book Ratio	2.22	2.29	2.50
Avg Eff Duration	6.79	-	7.02



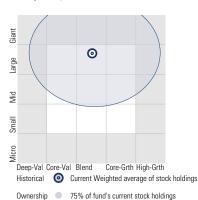
3/219

# Vanguard Target Retirement 2030 Fund VTHRX

Morningstar Category Target-Date 2030 Morningstar Index Morningstar Lifetime Mod 2030 TR USD

## Style Analysis as of 03-31-2023

Morningstar Style Box™



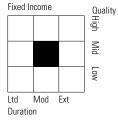
Large

Μid

## Style Breakdown

Equity 19 28 25 7 9 5

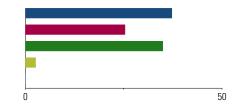




Weight %

>50 25-50 10-25 0-10

## Asset Allocation as of 03-31-2023



Total	100.00	100.00
Other	0.04	13.66
Cash	2.55	2.12
Bonds	34.90	31.79
Non-US Stocks	25.29	17.18
US Stocks	37.21	35.25
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	, t	Bench	mark	Categ	ory Ave	erage		
ŀ	Cyclical	35.81	40.42	35.14									
ů.	Basic Materials	5.01	4.99	4.44									
4	Consumer Cyclical	10.90	11.62	10.81									
ê	Financial Services	16.45	15.82	15.87									
b	Real Estate	3.45	7.99	4.02		■[]	<b>Y</b>						
NI	Sensitive	42.14	37.24	42.16									
	Communication Services	6.48	5.09	6.25									
•	Energy	5.04	5.05	5.10									
<b>‡</b>	Industrials	11.62	12.00	11.19									
3	Technology	19.00	15.10	19.62				•					
<b>→</b>	Defensive	22.06	22.35	22.70									
=	Consumer Defensive	7.04	6.91	6.85				_					
1	Healthcare	12.20	12.36	12.98									
?	Utilities	2.82	3.08	2.87		ĺ							

<b>Top 6 Holdings</b> as of 03-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx InstI PIs	_	37.74	37.74	_	_
Ovanguard Total Intl Stock Index Inv	_	25.86	63.60	_	_
⊕ Vanguard Total Bond Market II ldx Inv	_	24.61	88.21	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	_	10.74	98.94	_	_
⊕ Mktliq 12/31/2049	-	1.03	99.97	-	_
⊕ Us Dollar	_	0.03	100.00	_	_

Total Holdings 6



# Vanguard Target Retirement 2035 Fund VTTHX

Morningstar Category Target-Date 2035 Morningstar Index Morningstar Lifetime Mod 2035 TR USD

#### Portfolio Manager(s)

Walter Nejman since 02-2013 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Díaz since 02-2023

#### **Quantitative Screens**

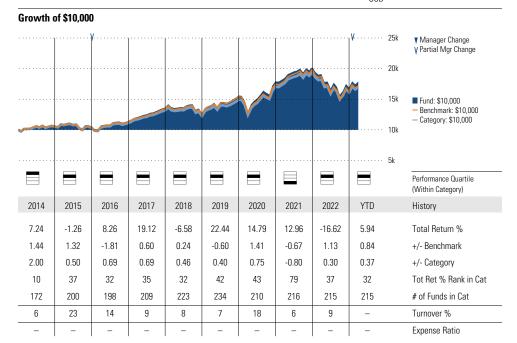
- Q Performance: The fund has finished in the Target-Date
  2035 category's top three quartiles in 9 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 10.11 years.
- Net Expense: The fund's expense ratio of 0.08 is 88.24% lower than the Target-Date 2035 category average.

## **Morningstar Investment Management LLC Analysis**

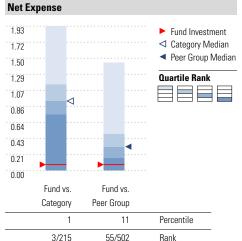
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

## **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022







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	0.91	_	0.99
Beta	0.95	_	0.96
R-Squared	99.07	_	98.49
Standard Deviation	14.53	15.20	14.72
Sharpe Ratio	0.72	0.66	0.72
Tracking Error	1.59	_	2.03
Information Ratio	0.32	_	0.46
Up Capture Ratio	98.27	_	99.57
Down Capture Ratio	94.62	_	95.72

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.42	15.72	16.40
Price/Book Ratio	2.22	2.26	2.44
Avg Eff Duration	6.79	_	7.46



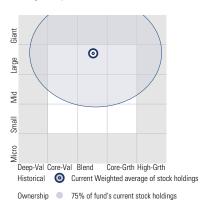
# Vanguard Target Retirement 2035 Fund VTTHX

**Morningstar Category** Target-Date 2035

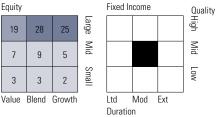
**Morningstar Index** Morningstar Lifetime Mod 2035 TR USD

## Style Analysis as of 03-31-2023

Morningstar Style Box™



## Style Breakdown



Weight %

>50 25-50 10-25 0-10



		Fund	Bmark	Cat	Fund ▼ Benchmark
<u></u>	Cyclical	35.80	40.30	35.13	Tulia Deliciiliark   Odicegory Average
à.	Basic Materials	5.01	5.09	4.58	· · · · · · · · · · · · · · · · · · ·
<b>-</b>	Consumer Cyclical	10.89	11.69	10.78	
₽	Financial Services	16.45	15.99	15.73	
b	Real Estate	3.45	7.53	4.04	
M	Sensitive	42.13	37.38	42.12	
	Communication Services	6.49	5.10	6.36	
•	Energy	5.04	5.08	5.08	
\$	Industrials	11.62	12.13	11.06	0'
3	Technology	18.98	15.07	19.62	
+	Defensive	22.06	22.32	22.75	
Ę	Consumer Defensive	7.05	6.92	6.92	
۲	Healthcare	12.19	12.31	12.92	
?	Utilities	2.82	3.09	2.91	

<b>Top 6 Holdings</b> as of 03-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Stock Mkt Idx Instl Pls	_	41.84	41.84	_	_
○ Vanguard Total Intl Stock Index Inv	_	28.80	70.63	_	-
① Vanguard Total Bond Market II ldx Inv	_	19.67	90.30	_	-
① Vanguard Total Intl Bd II Idx Insl	_	8.49	98.79	_	-
⊕ Mktliq 12/31/2049	_	1.18	99.98	_	-
① Us Dollar	-	0.02	100.00	-	-

#### Total Holdings 6



# Vanguard Target Retirement 2040 Fund VFORX

Morningstar Category Target-Date 2040 Morningstar Index Morningstar Lifetime Mod 2040 TR USD

Expense Ratio

#### Portfolio Manager(s)

Michael Roach since 02-2023 Roger Aliaga-Díaz since 02-2023 Aurélie Denis since 02-2023

#### **Quantitative Screens**

Management: The fund's management has been in place for 10.11 years.

Net Expense: The fund's expense ratio of 0.08 is 88.57% lower than the Target-Date 2040 category average.

## **Morningstar Investment Management LLC Analysis**

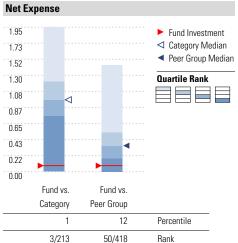
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

#### Growth of \$10,000 ▼ Manager Change V Partial Mgr Change 20k Fund: \$10,000 - Benchmark: \$10,000 - Category: \$10,000 Performance Quartile (Within Category) 2014 2015 2016 2017 2018 2019 2020 2021 2022 YTD History 7.15 -1.59 8.73 20.71 -7.32 23.86 15.47 14.56 -16.98 6.21 Total Return % 1.24 -1.88 0.84 0.33 -0.49 2.38 -0.79 0.39 0.90 1.64 +/- Benchmark 0.40 0.42 -0.91 0.34 1.90 0.78 1.19 0.67 0.91 0.43 +/- Category 12 43 27 25 37 43 40 81 36 37 Tot Ret % Rank in Cat 207 242 245 218 # of Funds in Cat 235 225 236 220 219 213 6 21 16 8 5 13 7 7 Turnover %





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	_	0.47
Beta	0.96	_	0.98
R-Squared	99.04	_	98.52
Standard Deviation	15.57	16.22	15.95
Sharpe Ratio	0.76	0.74	0.76
Tracking Error	1.69	_	2.10
Information Ratio	0.04	_	0.21
Up Capture Ratio	97.89	_	100.08
Down Capture Ratio	96.25	_	99.00

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.44	15.56	16.35
Price/Book Ratio	2.23	2.24	2.43
Avg Eff Duration	6.79	-	7.96



# Vanguard Target Retirement 2040 Fund VFORX

Quality

High

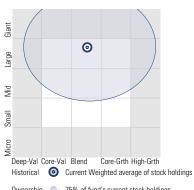
Mid

Low

**Morningstar Index** Morningstar Lifetime Mod 2040 TR USD **Morningstar Category** Target-Date 2040

## Style Analysis as of 03-31-2023

Morningstar Style Box™



# Ownership 75% of fund's current stock holdings

Large

Mid

Ltd

Mod Duration

Fixed Income

## Style Breakdown

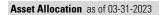


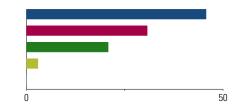




Weight %

>50 25-50 10-25 0-10







		Fund	Bmark	Cat	Fund	·	Bench	mark	Categ	jory Ave	erage		_	
<sub>Մ</sub>	Cyclical	35.76	40.26	35.46										
A.	Basic Materials	4.99	5.20	4.57										
<b>A</b>	Consumer Cyclical	10.89	11.74	10.82										
æ	Financial Services	16.43	16.13	15.73										
æ	Real Estate	3.45	7.19	4.34			1							
W	Sensitive	42.16	37.45	41.92		,								
	Communication Services	6.49	5.12	6.28										
ð	Energy	5.04	5.08	5.06										
Ф	Industrials	11.60	12.22	11.16				<u> </u>						
	Technology	19.03	15.03	19.42						_				
<b>→</b>	Defensive	22.07	22.28	22.63										
=	Consumer Defensive	7.04	6.94	6.86				_						
+	Healthcare	12.21	12.24	12.92										
•	Utilities	2.82	3.10	2.85		]								
					0%	5	10	15	20	25	30	35	40	

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx InstI PIs	_	46.32	46.32	_	_
○ Vanguard Total Intl Stock Index Inv	-	31.36	77.67	_	_
⊕ Vanguard Total Bond Market II ldx Inv	-	14.75	92.42	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	-	6.26	98.68	_	_
⊕ Mktliq 12/31/2049	-	1.29	99.97	-	-
⊕ Us Dollar	_	0.03	100.00	_	_

#### Total Holdings 6

# Vanguard Target Retirement 2045 Fund VTIVX

**Morningstar Category** Target-Date 2045

Morningstar Index Morningstar Lifetime Mod 2045 TR USD

Expense Ratio

#### Portfolio Manager(s)

Michael Roach since 02-2023 Roger Aliaga-Díaz since 02-2023 Aurélie Denis since 02-2023

#### **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
- Management: The fund's management has been in place for 10.11 years.
- Style: The fund has landed in its primary style box Large Blend — 100 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.08 is 88.57% lower than the Target-Date 2045 category average.

## **Morningstar Investment Management LLC Analysis**

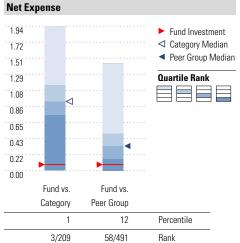
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

#### Growth of \$10,000 ▼ Manager Change V Partial Mgr Change Fund: \$10,000 Benchmark: \$10,000 - Category: \$10,000 Performance Quartile (Within Category) 2014 2015 2016 2017 2018 2019 2020 2021 2022 YTD History 7.16 -1.57 8.87 21.42 -7.90 24.94 16.30 16.16 -17.36 6.49 Total Return % 1.46 -1.97 0.89 0.27 -0.03 3.35 -0.20 -0.30 1.03 1.91 +/- Benchmark 0.39 0.94 0.91 0.24 1.81 0.30 0.59 1.20 -0.47 0.33 +/- Category 12 42 28 26 43 43 36 68 31 35 Tot Ret % Rank in Cat 172 199 197 222 209 214 209 # of Funds in Cat 208 233 7 20 13 8 7 4 9 6 5 Turnover %



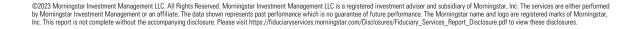


Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

Rank

3-Year hisk weirics			
	Fund	Bmark	Cat
Alpha	0.55	_	0.19
Beta	0.98	_	0.98
R-Squared	98.96	_	98.45
Standard Deviation	16.65	16.87	16.74
Sharpe Ratio	0.80	0.78	0.78
Tracking Error	1.72	_	2.16
Information Ratio	0.22	_	0.08
Up Capture Ratio	100.77	_	100.55
Down Capture Ratio	99.47	_	100.96

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.45	15.42	16.33
Price/Book Ratio	2.23	2.21	2.41
Avg Eff Duration	6.79	-	8.71



3/209



# Vanguard Target Retirement 2045 Fund VTIVX

**Morningstar Category** Target-Date 2045

Morningstar Index Morningstar Lifetime Mod 2045 TR USD

## Style Analysis as of 03-31-2023

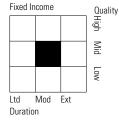
Morningstar Style Box™



# Style Breakdown



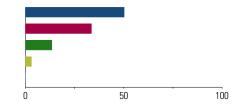




Weight %

>50 25-50 10-25 0-10

## Asset Allocation as of 03-31-2023



Total	100.00	100.00
Other	0.04	11.05
Cash	2.97	2.02
Bonds	13.36	7.32
Non-US Stocks	33.50	28.06
US Stocks	50.14	51.55
Asset Class	Net %	Cat%

	ctor Weighting as of 03-3								П					
		Fund	Bmark	Cat	Fund	i i	Bench	mark	Categ	jory Ave	erage		,	
<u></u>	Cyclical	35.75	40.31	35.55										
æ.	Basic Materials	4.98	5.28	4.63										
<b>A</b>	Consumer Cyclical	10.89	11.77	10.79										
<b>,</b>	Financial Services	16.43	16.23	15.76										
<b>fi</b>	Real Estate	3.45	7.03	4.37		<b>[</b> ]	<b>'</b>							
W	Sensitive	42.18	37.50	41.67										)
	Communication Services	6.50	5.14	6.26										
ð	Energy	5.04	5.09	5.00										
Ф	Industrials	11.59	12.30	11.10										
	Technology	19.05	14.97	19.31										
<b>→</b>	Defensive	22.08	22.19	22.77										
=	Consumer Defensive	7.04	6.95	6.92										
+	Healthcare	12.22	12.14	12.98										
•	Utilities	2.82	3.10	2.87		]								
					0%	5	10	15	20	25	30	35	40	4

<b>Top 6 Holdings</b> as of 03-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Stock Mkt Idx Instl Pls	_	50.86	50.86	_	_
Vanguard Total Intl Stock Index Inv	_	34.23	85.10	_	_
① Vanguard Total Bond Market II ldx Inv	_	9.52	94.62	_	_
① Vanguard Total Intl Bd II Idx Insl	_	4.00	98.62	_	_
① Mktliq 12/31/2049	-	1.35	99.97	-	-
① Us Dollar	-	0.03	100.00	-	_

#### Total Holdings 6



# Vanguard Target Retirement 2050 Fund VFIFX

Morningstar Category Target-Date 2050 Morningstar Index Morningstar Lifetime Mod 2050 TR USD

#### Portfolio Manager(s)

Michael Roach since 02-2023 Roger Aliaga-Díaz since 02-2023 Aurélie Denis since 02-2023

#### **Quantitative Screens**

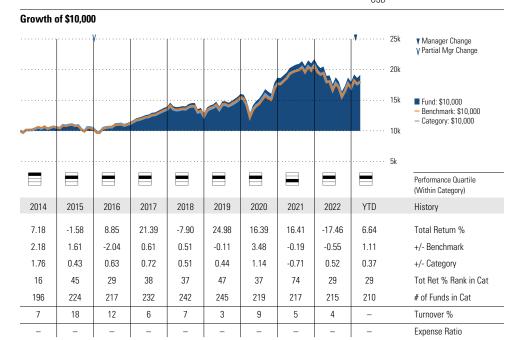
- Performance: The fund has finished in the Target-Date 2050 category's top three quartiles in 10 of the 10 years it's been in existence
- Management: The fund's management has been in place for 10.11 years.
- Net Expense: The fund's expense ratio of 0.08 is 88.73% lower than the Target-Date 2050 category average.

## **Morningstar Investment Management LLC Analysis**

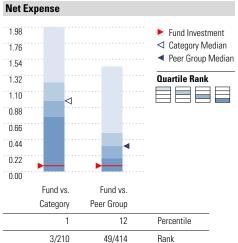
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022







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 KISK Wietrics			
	Fund	Bmark	Cat
Alpha	0.30	_	0.02
Beta	0.98	_	0.99
R-Squared	98.91	_	98.37
Standard Deviation	16.89	17.13	17.11
Sharpe Ratio	0.80	0.79	0.78
Tracking Error	1.79	_	2.21
Information Ratio	0.04	_	0.00
Up Capture Ratio	100.39	_	101.09
Down Capture Ratio	100.35	_	102.43

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.46	15.30	16.35
Price/Book Ratio	2.23	2.19	2.41
Avg Eff Duration	6.78	-	8.79



# Vanguard Target Retirement 2050 Fund VFIFX

## **Morningstar Category** Target-Date 2050

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

## Style Analysis as of 03-31-2023

Morningstar Style Box™



# 50 100

Asset Allocation as of 03-31-2023



## Style Breakdown

Equity				rixeu	IIICUI
19	28	25	Large		
7	9	5	Mid		
3	3	2	Small		
Value	Blend	Growth		Ltd	Mo



>50 25-50 10-25 0-10

Weight %

		Fund	Bmark	Cat	Fund • Benchmark [] Category Average
_		Fund			Fund Benchmark Category Average
U	Cyclical	35.74	40.48	35.74	
æ.	Basic Materials	4.98	5.36	4.60	
<b>A</b>	Consumer Cyclical	10.89	11.78	10.81	
ø	Financial Services	16.42	16.32	15.70	
<b>fi</b>	Real Estate	3.45	7.02	4.63	
W	Sensitive	42.19	37.46	41.60	
	Communication Services	6.50	5.14	6.21	
ð	Energy	5.04	5.09	4.97	
Ф	Industrials	11.59	12.35	11.14	0'
	Technology	19.06	14.88	19.28	
<b>→</b>	Defensive	22.07	22.06	22.66	
=	Consumer Defensive	7.03	6.94	6.86	
+	Healthcare	12.23	12.03	12.96	
•	Utilities	2.81	3.09	2.84	

<b>Top 6 Holdings</b> as of 03-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Stock Mkt Idx Instl Pls	_	53.34	53.34	_	_
Vanguard Total Intl Stock Index Inv	_	35.87	89.21	_	_
○ Vanguard Total Bond Market II Idx Inv	_	6.71	95.92	_	_
① Vanguard Total Intl Bd II Idx Insl	_	2.73	98.65	_	_
① Mktliq 12/31/2049	-	1.31	99.96	-	-
① Us Dollar	-	0.04	100.00	_	-

#### Total Holdings 6



# Vanguard Target Retirement 2055 Fund VFFVX

Growth of \$10,000

2.45

1.70

16

138

7

1.62

-0.01

53

190

18

-2.02

0.88

27

194

8

0.43

0.30

48

206

5

0.68

0.55

37

222

5

-0.07

0.07

51

233

3

Morningstar Category Target-Date 2055 Morningstar Index Morningstar Lifetime Mod 2055 TR USD

+/- Benchmark

Tot Ret % Rank in Cat

# of Funds in Cat

+/- Category

Turnover %

Expense Ratio

#### Portfolio Manager(s)

Michael Roach since 02-2023 Roger Aliaga-Díaz since 02-2023 Aurélie Denis since 02-2023

#### **Quantitative Screens**

Performance: The fund has finished in the Target-Date 2055 category's top three quartiles in 9 of the 10 years it's been in existence

Management: The fund's management has been in place for 10.11 years.

Net Expense: The fund's expense ratio of 0.08 is 88.73% lower than the Target-Date 2055 category average.

## **Morningstar Investment Management LLC Analysis**

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

#### **ESG Metrics**

Metric	Rating	Updated		
Sustainability Rating	3	03-31-2023		
Carbon Risk Score	Low Risk	12-31-2022		
FSG Commitment	1-l ow	02-15-2022		

#### ▼ Manager Change V Partial Mgr Change Fund: \$10,000 Benchmark: \$10,000 - Category: \$10,000 Performance Quartile (Within Category) 2014 2015 2016 2017 2018 2019 2020 2021 2022 YTD History 7.19 -1.72 8.88 21.38 -7.89 24.98 16.32 16.44 -17.46 6.64 Total Return %

3.41

0.85

41

209

8

-0.06

-0.86

78

5

-0.53

0.62

24

214

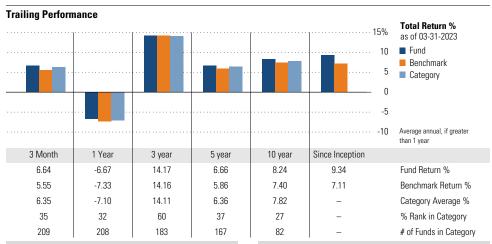
4

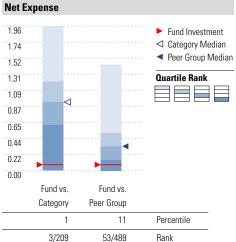
1.09

0.29

35

209

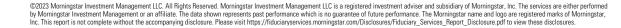




Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	0.30	_	0.06
Beta	0.98	_	0.99
R-Squared	98.86	_	98.30
Standard Deviation	16.88	17.19	17.23
Sharpe Ratio	0.80	0.79	0.78
Tracking Error	1.84	-	2.24
Information Ratio	0.01	-	0.03
Up Capture Ratio	100.12	-	101.66
Down Capture Ratio	100.15	_	102.94

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.46	15.19	16.31
Price/Book Ratio	2.23	2.17	2.40
Avg Eff Duration	6.78	-	9.72





# Vanguard Target Retirement 2055 Fund VFFVX

## **Morningstar Category** Target-Date 2055

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

## Style Analysis as of 03-31-2023

Morningstar Style Box™



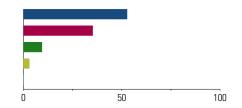
## Style Breakdown

Equity				rixeu II	ncome		Quality
19	28	25	Large				High
7	9	5	Mid				Mid
3	3	2	Small				Low
Value	Blend	Growth		Ltd Duratio	Mod	Ext	_

Weight %

>50 25-50 10-25 0-10

## Asset Allocation as of 03-31-2023



Total	100.00	100.00
Other	0.04	9.15
Cash	2.89	1.50
Bonds	9.31	4.83
Non-US Stocks	35.13	30.35
US Stocks	52.64	54.19
Asset Class	Net %	Cat%

	g . <b>g</b>		Б .	0 .	-				По					
		Fund	Bmark	Cat	Fund	d '	Bench	mark	Categ	jory Ave	erage			
Դ	Cyclical	35.74	40.71	35.69										
Å.	Basic Materials	4.98	5.43	4.74										
A	Consumer Cyclical	10.89	11.78	10.80										
<del>,</del>	Financial Services	16.42	16.40	15.76										
ŵ	Real Estate	3.45	7.10	4.39		<b>[</b>	1							
W	Sensitive	42.18	37.40	41.90										]
0	Communication Services	6.49	5.14	6.33										
•	Energy	5.04	5.09	5.04										
Ф	Industrials	11.59	12.39	11.10				' <u>i</u>						
	Technology	19.06	14.78	19.43										
<b>-</b>	Defensive	22.09	21.90	22.42						]				
Ħ	Consumer Defensive	7.04	6.92	6.80			'							
٠	Healthcare	12.23	11.90	12.85		- 1	<b>`</b>							
•	Utilities	2.82	3.08	2.77		]								
					0%	5	10	15	20	25	30	35	40	4

<b>Top 6 Holdings</b> as of 03-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	_	53.40	53.40	_	_
	_	35.90	89.29	_	_
⇒ Vanguard Total Bond Market II ldx Inv	_	6.70	95.99	_	_
⊕ Vanguard Total Intl Bd II ldx Insl	_	2.73	98.72	_	_
⊕ Mktliq 12/31/2049	-	1.25	99.97	-	_
⊕ Us Dollar	-	0.03	100.00	-	_

#### Total Holdings 6



# Vanguard Target Retirement 2060 Fund VTTSX

Morningstar Category Target-Date 2060

Morningstar Index

Morningstar Mod Tgt Risk TR USD

Expense Ratio

## Portfolio Manager(s)

Michael Roach since 02-2023 Roger Aliaga-Díaz since 02-2023 Aurélie Denis since 02-2023

#### **Quantitative Screens**

Performance: The fund has finished in the Target-Date 2060 category's top three quartiles in 9 of the 10 years it's

Management: The fund's management has been in place for 10.11 years.

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

Net Expense: The fund's expense ratio of 0.08 is 88.73% lower than the Target-Date 2060 category average.

## **Morningstar Investment Management LLC Analysis**

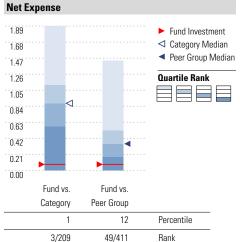
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
FSG Commitment	1-l ow	02-15-2022

#### Growth of \$10,000 ▼ Manager Change V Partial Mgr Change 20k Fund: \$10,000 Benchmark: \$10,000 - Category: \$10,000 · · · · · 5k Performance Quartile (Within Category) 2014 2015 2016 2017 2018 2019 2020 2021 2022 YTD History 7.16 -1.68 8.84 21.36 -7.87 24.96 16.32 16.44 -17.46 6.64 Total Return % 0.11 2.27 0.27 6.70 -3.11 5.93 3.50 6.25 -2.69 2.31 +/- Benchmark -0.51 0.65 -1.03 0.62 1.03 0.09 -0.19 0.80 0.29 +/- Category 1.63 1 71 21 53 34 66 42 81 25 35 Tot Ret % Rank in Cat 11 45 108 161 187 204 214 209 # of Funds in Cat 205 210 11 21 6 4 3 2 6 6 3 Turnover %





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

Rank

3-Year KISK Welrics			
	Fund	Bmark	Cat
Alpha	2.97	_	2.85
Beta	1.31	_	1.34
R-Squared	98.53	_	97.48
Standard Deviation	16.86	12.77	17.31
Sharpe Ratio	0.80	0.61	0.79
Tracking Error	4.46	_	5.14
Information Ratio	1.28	_	1.12
Up Capture Ratio	142.39	_	145.42
Down Capture Ratio	128.51	_	132.66

Portfolio Metrics											
	Fund	Bmark	Cat								
Price/Earnings Ratio	15.45	15.15	16.28								
Price/Book Ratio	2.23	2.14	2.39								
Avg Eff Duration	6.78	-	8.09								



3/209

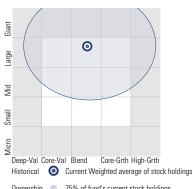
# **Vanguard Target Retirement 2060 Fund** VTTSX

#### **Morningstar Category Morningstar Index** Target-Date 2060

Morningstar Mod Tgt Risk TR USD

## Style Analysis as of 03-31-2023

Morningstar Style Box™



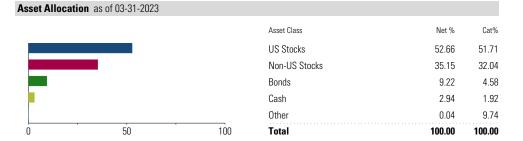
Ownership 75% of fund's current stock holdings

## Style Breakdown

Weight %

Equity				Fixed Ir	Quali		
19	28	25	Large				High
7	9	5	Mid				Mid
3	3	2	Small				Low
Value	Blend	Growth		Ltd Duratio	Mod	Ext	

>50 25-50 10-25 0-10



	Fund	Bmark	Cat	Fund	▼ Bench	mark	Categ	ory Ave
<b>→</b> Cyclical	35.74	40.72	35.82					
Basic Materials	4.98	5.44	4.91		<b>'</b>			
Consumer Cyclical	10.88	11.57	10.77					
Financial Services	16.42	16.65	15.41					
Real Estate	3.46	7.06	4.73		7			
✓ Sensitive	42.18	36.84	41.34					
Communication Services	6.50	5.30	6.22	_	0			
Energy	5.04	5.13	5.06					
Industrials	11.59	11.78	11.30			į		
Technology	19.05	14.63	18.76			•		
→ Defensive	22.08	22.44	22.84					
Consumer Defensive	7.04	7.13	6.92		<b>=</b> [			
Healthcare	12.22	11.93	13.19					
Utilities	2.82	3.38	2.73					

<b>Top 6 Holdings</b> as of 03-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl PIs	_	53.41	53.41	_	_
⊕ Vanguard Total Intl Stock Index Inv	-	35.92	89.33	_	_
→ Vanguard Total Bond Market II Idx Inv	-	6.61	95.94	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	-	2.73	98.67	_	_
⊕ Mktliq 12/31/2049	-	1.29	99.96	-	_
⊕ Us Dollar	_	0.04	100.00	-	_

Total Holdings 6



# Vanguard Target Retirement 2065 Fund VLXVX

Morningstar Category Target-Date 2065+ Morningstar Index

Morningstar Mod Tgt Risk TR USD

## Portfolio Manager(s)

Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Díaz since 02-2023

#### **Quantitative Screens**

- × Performance: The fund has finished in the Target-Date 2065+ category's top three quartiles in 3 of the 5 years it's been in existence
- Management: The fund's management has been in place for 5.72 years.
- Net Expense: The fund's expense ratio of 0.08 is 88.57% lower than the Target-Date 2065+ category average.

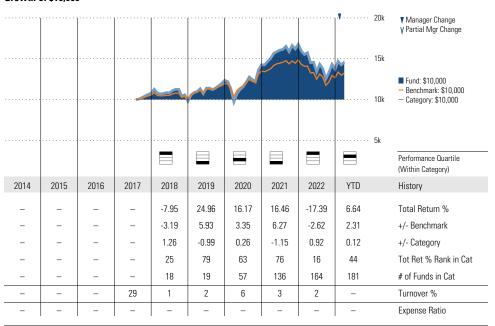
#### **Morningstar Investment Management LLC Analysis**

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

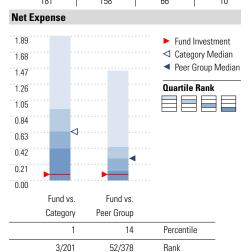
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

## Growth of \$10,000







Peer group is a subset of the category and includes funds with the
same management style (active vs. passive) and similar share class $% \left( 1\right) =\left( 1\right) \left( 1\right) $
characteristics

3-1 car hisk menics			
	Fund	Bmark	Cat
Alpha	2.98	_	2.89
Beta	1.31	_	1.37
R-Squared	98.52	-	97.82
Standard Deviation	16.86	12.77	17.66
Sharpe Ratio	0.80	0.61	0.79
Tracking Error	4.47	-	5.37
Information Ratio	1.28	-	1.12
Up Capture Ratio	142.46	_	148.38
Down Capture Ratio	128.54	-	135.43

Portfolio Metrics											
	Fund	Bmark	Cat								
Price/Earnings Ratio	15.46	15.15	15.87								
Price/Book Ratio	2.23	2.14	2.32								
Avg Eff Duration	6.79	-	8.15								



# Vanguard Target Retirement 2065 Fund VLXVX

#### **Morningstar Category** Morningstar Index Target-Date 2065+

Morningstar Mod Tgt Risk TR USD

## Style Analysis as of 03-31-2023

Morningstar Style Box™



# 50 100

Asset Allocation as of 03-31-2023

Sector Weighting as of 03-31-2023

Asset Class Net % Cat% US Stocks 52.58 50.44 Non-US Stocks 35.09 32.50 Bonds 9.13 6.79 Cash 3.16 2.29 Other 0.04 7.99 Total 100.00 100.00

Σ.		Val Core	e-Val Ble	end (	Core-Grt	h High-Gr	th				Fund	Bmark	Cat	Fund • Benchmark [] Category Average
Historical Ocurrent Weighted average of stock holdings				ngs	Դ	Cyclical	35.74	40.72	35.78					
	Owne	rship (	75%	of fund	s curren	t stock ho	ldings		A	Basic Materials	4.98	5.44	4.96	
									A	Consumer Cyclical	10.89	11.57	10.84	
_										Financial Services	16.42	16.65	15.79	<u> </u>
St	tyle B	reakd	own						命	Real Estate	3.45	7.06	4.19	
Ec	quity				Fixed	Income		Quality	W	Sensitive	42.19	36.84	41.77	
	19	28	25	Large				High		Communication Services	6.50	5.30	6.36	
				Mid				Mid	0	Energy	5.04	5.13	5.07	
	7	9	5	<u>a</u> :				₫:	<b>‡</b>	Industrials	11.59	11.78	11.48	
	3	3	2	Small				Low		Technology	19.06	14.63	18.86	
						<u> </u>			$\rightarrow$	Defensive	22.08	22.44	22.46	
Va	alue	Blend	Growth		Ltd Dura	Mod	Ext		Ħ	Consumer Defensive	7.04	7.13	7.02	
W	eight 9	%			Duit				+	Healthcare	12.23	11.93	12.69	
>5		_	25 0-10						9	Utilities	2.81	3.38	2.75	
, ,									-					0% 5 10 15 20 25 30 35 40 45

<b>Top 6 Holdings</b> as of 03-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt ldx Instl Pls	_	53.33	53.33	_	_
⊕ Vanguard Total Intl Stock Index Inv	-	35.87	89.20	_	_
⊕ Vanguard Total Bond Market II Idx Inv	_	6.42	95.62	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	_	2.82	98.44	_	_
⊕ Mktliq 12/31/2049	-	1.43	99.87	_	-
⊕ Us Dollar	-	0.13	100.00	_	-

## Total Holdings 6



# Vanguard Target Retirement 2070 Fund VSVNX

#### Morningstar Category Target-Date 2065+

## Morningstar Index

Morningstar Mod Tgt Risk TR USD

## Portfolio Manager(s)

Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Díaz since 02-2023

#### **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.
- Net Expense: The fund's expense ratio of 0.08 is 88.57% lower than the Target-Date 2065+ category average.

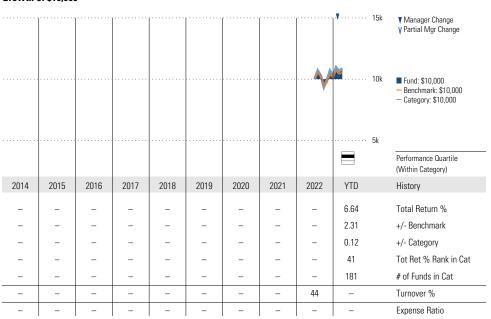
## **Morningstar Investment Management LLC Analysis**

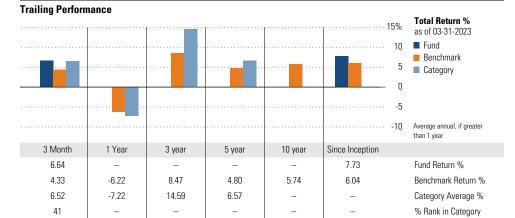
This fund fails the manager tenure screen due to a limited history for this target-date vintage.

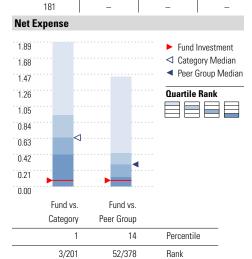
## **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022

## Growth of \$10,000







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 Welrics			
	Fund	Bmark	Cat
Alpha	-	-	2.89
Beta	-	-	1.37
R-Squared	_	_	97.82
Standard Deviation	_	12.77	17.66
Sharpe Ratio	_	0.61	0.79
Tracking Error	_	_	5.37
Information Ratio	_	_	1.12
Up Capture Ratio	_	_	148.38
Down Capture Ratio	_	_	135.43

Portfolio Metrics										
	Fund	Bmark	Cat							
Price/Earnings Ratio	15.48	15.15	15.87							
Price/Book Ratio	2.23	2.14	2.32							
Avg Eff Duration	6.79	-	8.15							



# of Funds in Category

# Vanguard Target Retirement 2070 Fund VSVNX

#### **Morningstar Category Morningstar Index** Target-Date 2065+

Morningstar Mod Tgt Risk TR USD

## Style Analysis as of 03-31-2023

Morningstar Style Box™



Large

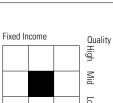
Mid

# Style Breakdown

Equity 25 19 28 5 7 9

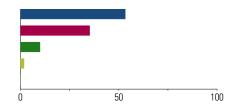
3 3 2 Value Blend Growth

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



Low Ltd Mod Duration

## Asset Allocation as of 03-31-2023



Total	100.00	100.00
Other	0.04	7.99
Cash	1.73	2.29
Bonds	9.86	6.79
Non-US Stocks	35.12	32.50
US Stocks	53.25	50.44
Asset Class	Net %	Cat%

	ctor Weighting as of 03-3			0 .	-				П					
		Fund	Bmark	Cat	Fund	i t	Bench	mark	Categ	jory Ave	erage		,	
<b>Ն</b>	Cyclical	35.70	40.72	35.78										
A.	Basic Materials	4.96	5.44	4.96										
<b>A</b>	Consumer Cyclical	10.88	11.57	10.84										
<b>,</b>	Financial Services	16.40	16.65	15.79										
ŧ	Real Estate	3.46	7.06	4.19		<b>[</b> ]	1							
M	Sensitive	42.21	36.84	41.77								· ·		)
	Communication Services	6.50	5.30	6.36										
ð	Energy	5.04	5.13	5.07										
¢	Industrials	11.58	11.78	11.48										
	Technology	19.09	14.63	18.86				•						
<b>→</b>	Defensive	22.08	22.44	22.46										
=	Consumer Defensive	7.04	7.13	7.02										
٠	Healthcare	12.23	11.93	12.69										
•	Utilities	2.81	3.38	2.75		]								
					0%	5	10	15	20	25	30	35	40	_

<b>Top 6 Holdings</b> as of 03-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Stock Mkt Idx Instl Pls	_	54.01	54.01	_	_
Vanguard Total Intl Stock Index Inv	_	35.88	89.90	_	-
⊕ Vanguard Total Bond Market II ldx Inv	_	7.00	96.90	_	-
	_	2.99	99.89	_	-
	-	0.18	100.06	-	-
⊕ Us Dollar	_	0.06	100.13	-	_

## Total Holdings 6



# Vanguard Target Retirement Income Fund VTINX

**Morningstar Category** Target-Date Retirement Morningstar Index Morningstar Lifetime Mod Incm TR USD

#### Portfolio Manager(s)

Walter Nejman since 02-2013 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Díaz since 02-2023

#### **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 10.11 years.

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

Net Expense: The fund's expense ratio of 0.08 is 87.88% lower than the Target-Date Retirement category average.

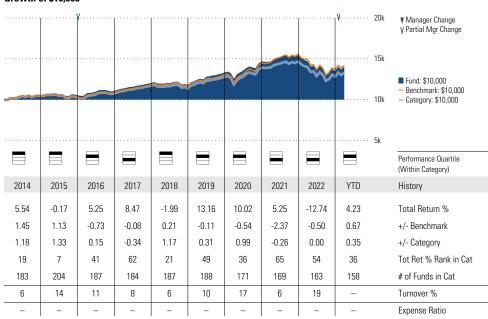
#### **Morningstar Investment Management LLC Analysis**

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
ESG Commitment	1-Low	02-15-2022

## Growth of \$10,000



#### **Trailing Performance Total Return %** as of 03-31-2023 Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 yea 5 year 4.23 -4.50 3.83 3.26 3.79 4.73 Fund Return % 3.56 -5.19 5.42 3.75 3.87 5.47 Benchmark Return % 3 87 3 40 3.88 -4 90 2 94 Category Average %

35

123

39

82

Net Exp	ense			
1.90				► Fund Investment
1.69				Category Median
1.48				<ul> <li>Peer Group Median</li> </ul>
1.27				Quartile Rank
1.06				
0.84				
0.63				
0.42				
0.21				
0.00				
	Fund vs.	Fund vs.		
	Category	Peer Group		
	2		14	Percentile

39

157

53

140

60/429 Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

Rank

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-1.04	_	-1.04
Beta	0.90	_	0.94
R-Squared	97.56	_	95.94
Standard Deviation	8.42	9.21	8.86
Sharpe Ratio	0.35	0.49	0.34
Tracking Error	1.59	_	2.08
Information Ratio	-1.00	_	-0.62
Up Capture Ratio	87.09	_	90.30
Down Capture Ratio	95.35	_	98.47

% Rank in Category

# of Funds in Category

Portfolio Metrics									
	Fund	Bmark	Cat						
Price/Earnings Ratio	15.41	16.63	16.26						
Price/Book Ratio	2.22	2.42	2.30						
Avg Eff Duration	5.81	-	6.53						



3/158

36

158

# Vanguard Target Retirement Income Fund VTINX

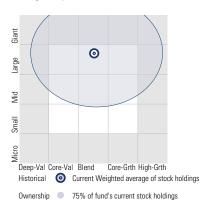
Asset Allocation as of 03-31-2023

Sector Weighting as of 03-31-2023

**Morningstar Category** Target-Date Retirement **Morningstar Index** Morningstar Lifetime Mod Incm TR USD

## Style Analysis as of 03-31-2023

Morningstar Style Box™



#### Asset Class Net % Cat% US Stocks 17.11 18.92 Non-US Stocks 9.92 11.74 Bonds 67.75 52.87 Cash 3.36 4.94 Other 0.02 13.36 100 50 Total 100.00 100.00

#### Fund Fund **Bmark** Cat Cyclical 35.81 40.52 37.55 A. Basic Materials 5.01 4.56 4.35 Consumer Cyclical 10.88 11.39 10.13 **P** Financial Services 16.48 15.23 14.58 侖 Real Estate 3.44 9.34 Sensitive 42.13 36.87 40.44 **Communication Services** 6.50 5.03 6.09 • Energy 4.87 5.04 5.00 Ф Industrials 11.61 11.47 10.34 Technology 18.98 15.37 19.14 22.08 22.61 Defensive 21.99 Consumer Defensive 7.06 6.85 6.75 Healthcare 12.20 12.69 12.11 Utilities 2.82 3.07 3.13

10

25 30

## Style Breakdown

	quity				rixeu II	icome		Qua
	19	28	25	Large				High
	7	9	5	Mid				Mid
	3	3	2	Small				Low
١	/alue	Blend	Growth		Ltd Duratio	Mod on	Ext	_

Eivad Incomo

Weight %

>50 25-50 10-25 0-10

		0/ 11 - 1	0 1: 0	\/TD.D	
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
○ Vanguard Total Bond Market II Idx Inv	_	36.58	36.58	-	_
⊕ Vanguard Total Stock Mkt Idx Instl PIs	_	17.36	53.94	_	-
→ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	_	16.62	70.56	_	_
→ Vanguard Total Intl Bd II Idx Insl	_	16.15	86.71	_	_
O Vanguard Total Intl Stock Index Inv	_	12.01	98.72	-	_
⊕ Mktliq 12/31/2049	_	1.26	99.98	_	_
⊕ Us Dollar	_	0.02	100.00	_	_

## Total Holdings 7

