## American Funds Capital World Gr&Inc R6 RWIGX

64

310

35

45

283

35

21

301

35

0.45

56

338

49

0.44

52

354

23

0.43

34

378

36

0.42

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
Reed Lowenstein since 02-2019
Lara Pellini since 02-2019
Jin Lee since 02-2019
Leo Hee since 10-2019
Jeremy Burge since 01-2020
Renaud Samyn since 02-2020
Diana Wagner since 02-2022

#### **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 18.17 years.

Net Expense: The fund's expense ratio of 0.41 is 57.73% 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	03-31-2024
Carbon Risk Score	Low Risk	12-31-2022
FSG Commitment	1-l ow	05-18-2022

#### Growth of \$10,000 ▼ Manager Change V Partial Mgr Change 20k Fund: \$10,000 Benchmark: \$10,000 - Category: \$10,000 Performance Quartile (Within Category) 2015 2016 2017 2018 2019 2020 2021 2022 2023 YTD History -1.88 6.85 25.08 -9 97 25.74 15.78 15.15 -17.01 21.22 8.27 Total Return % -0.47 0.48 -1.01 1.11 -0.56 -0.86 -3.39 1.35 -0.98 0.07 +/- Benchmark -0.08 0.48 +/- Category -0.96 2.80 0.09 2.82 -2.57 -0.343.10 1.27

78

374

32

0.41

44

371

32

0.42

33

365

27

0.41

36

383

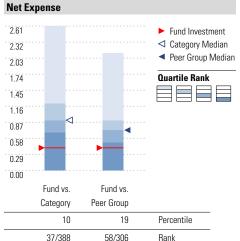
Tot Ret % Rank in Cat

# of Funds in Cat

Turnover %

Expense Ratio





• . • • • • • • • • • • • • • • • • • •			
	Fund	Bmark	Cat
Alpha	-0.53	_	-0.58
Beta	0.99	_	0.97
R-Squared	96.37	_	92.37
Standard Deviation	16.75	16.62	16.74
Sharpe Ratio	0.27	0.31	0.26
Tracking Error	3.20	_	4.47
Information Ratio	-0.21	_	-0.13
Up Capture Ratio	98.66	_	96.69
Down Capture Ratio	101.21	_	99.78

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	21.91	20.65	19.71
Price/Book Ratio	3.52	2.92	2.91
Geom Avg Mkt Cap \$B	132.20	137.43	118.57
ROE	25.84	26.46	25.52





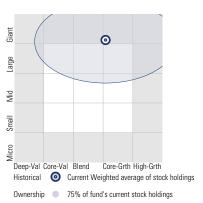
## American Funds Capital World Gr&Inc R6 RWIGX

## Morningstar Category Global Large-Stock Blend M

Morningstar Index MSCI ACWI NR USD

### Style Analysis as of 03-31-2024

Morningstar Style Box™



### Style Breakdown

Equity

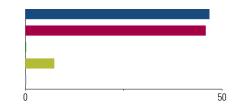
16	30	42	Large
2	7	3	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

#### Asset Allocation as of 03-31-2024



Total	100.00	100.00
Other	0.12	1.60
Cash	7.25	1.25
Bonds	0.10	1.06
Non-US Stocks	45.79	35.68
US Stocks	46.73	60.40
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	ł	▼ Ben	chmark	C	ategory	Avera	ge		
Ն	Cyclical	27.31	32.65	31.49						,		ĭ		
A.	Basic Materials	5.82	4.09	4.47										
Д	Consumer Cyclical	10.50	10.78	11.19										
<del>,</del>	Financial Services	10.63	15.55	13.75										
à	Real Estate	0.36	2.23	2.08	1 [									_
M	Sensitive	48.33	47.38	47.37										Û
₫	Communication Services	6.86	7.71	6.90			'							
ð	Energy	5.43	4.59	4.65			_							
ф	Industrials	13.34	10.45	14.63										
	Technology	22.70	24.63	21.19										
<b>→</b>	Defensive	24.36	19.97	21.14										
=	Consumer Defensive	7.04	6.36	6.65										
٠	Healthcare	15.19	11.22	11.45										
•	Utilities	2.13	2.39	3.04										

### World Regions % Equity 03-31-2024



Greater Asia	Fund % 15.26	Cat % 12.82
Japan	5.40	5.10
Australasia	1.45	0.83
Asia-4 Tigers	4.38	3.54
Asia-ex 4 Tigers	4.03	3.35
Not Classified	0.00	0.00

Americas	Fund % 57.23	Cat % 66.75	Greater Europe	Fund % 27.50	Cat % 20.43	Market Maturity
North America	55.75	65.92	United Kingdom	5.87	4.99	Developed Markets
Central/Latin	1.48	0.83	W euro-ex UK	21.50	15.08	Emerging Markets
			Emrgng Europe	0.00	0.09	Not Available
			Africa	0.13	0.27	

<b>Top 10 Holdings</b> as of 03-31-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⇒ Broadcom Inc	4.46	4.46	-	Technology
	4.00	8.46	_	Technology
⊕ Capital Group Central Cash Fund	3.92	12.38	_	_
🕸 Cash And Other Assets Less Liablities	3.26	15.64	_	_
Taiwan Semiconductor Manufacturing Co Ltd	2.31	17.95	_	Technology
⊖ Eli Lilly and Co	1.79	19.74	_	Healthcare
	1.76	21.50	_	Technology
○ UnitedHealth Group Inc	1.58	23.08	_	Healthcare
	1.52	24.60	_	Healthcare
⊕ The Home Depot Inc	1.51	26.11	_	Consumer Cyclical

### Total Holdings 336

⊕ Increase ⊕ Decrease 
★ New to Portfolio



Fund %

94.49

5.51

0.00

## American Funds Intl Gr and Inc R6 RIGGX

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

#### Portfolio Manager(s)

Andrew Suzman since 10-2008 Steven Watson since 10-2008 Patrice Collette since 09-2010 Leo Hee since 07-2015 Michael Cohen since 07-2018 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 15.51 years.
- Net Expense: The fund's expense ratio of 0.54 is 37.93% 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	03-31-2024
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
characteristics

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.09	_	0.84
Beta	1.00	_	1.01
R-Squared	94.85	_	93.34
Standard Deviation	16.82	16.42	17.25
Sharpe Ratio	0.08	0.02	0.07
Tracking Error	3.82	_	4.44
Information Ratio	0.28	_	0.22
Up Capture Ratio	104.28	_	105.47
Down Capture Ratio	99.90	-	102.40

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	16.16	15.34	15.88
Price/Book Ratio	1.91	1.81	1.94
Geom Avg Mkt Cap \$B	53.19	49.00	59.06
ROE	20.06	17.61	19.98



## 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 03-31-2024

Morningstar Style Box™



## Asset Allocation as of 03-31-2024



Total	100.00	100.00
Other	0.15	1.26
Cash	5.04	0.52
Bonds	0.98	0.67
Non-US Stocks	89.45	93.96
US Stocks	4.38	3.59
Asset Class	Net %	Cat%

Style B Equity	reakdo	own

22	26	38	Large
3	7	2	Mid
0	1	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

		Fund	Bmark	Cat	Fund	•	Benchi	mark	Categ	jory Ave	erage		
b	Cyclical	34.74	41.78	38.83									•
ė.	Basic Materials	4.94	7.41	6.67			' i _						
4	Consumer Cyclical	9.40	11.28	11.44									
P	Financial Services	18.48	21.05	19.00					<b>=</b> [				
b	Real Estate	1.92	2.04	1.72									
M	Sensitive	44.13	38.74	38.99									
	Communication Services	7.10	5.46	4.66									
•	Energy	5.32	5.66	4.87		<b>=</b> )							
\$	Industrials	15.99	13.71	16.79									
3	Technology	15.72	13.91	12.67									
+	Defensive	21.12	19.49	22.19					<u> </u>				
Ę	Consumer Defensive	10.01	7.32	8.38									
r	Healthcare	8.78	9.36	11.43									
2	Utilities	2.33	2.81	2.38									

### World Regions % Equity 03-31-2024

Mid



Greater Asia	Fund % 29.58	Cat % 34.61	
Japan	9.10	19.30	
Australasia	0.54	4.69	
Asia-4 Tigers	11.90	6.32	
Asia-ex 4 Tigers	8.04	4.30	
Not Classified	0.00	0.00	

Americas	Fund % 13.80	Cat % 8.86	Greater Europe	Fund % 56.62	Cat % 56.52	Market Maturity	Fund %
North America Central/Latin	9.15 4.65	7.63 1.23	United Kingdom W euro-ex UK	12.49 43.19	13.36 42.23	Developed Markets Emerging Markets	86.70 13.30
Central/Latin	4.03	1.23	Emrgng Europe Africa	0.05 0.89	0.09 0.84	Not Available	0.00

<b>Top 10 Holdings</b> as of 03-31-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash M	4.49	4.49	_	_
Taiwan Semiconductor Manufacturing Co Ltd	2.92	7.42	_	Technology
⊕ Novo Nordisk A/S Class B	2.81	10.23	_	Healthcare
	2.44	12.67	_	Technology
	2.16	14.83	_	Healthcare
	2.02	16.85	_	Industrials
	1.94	18.79	_	Energy
	1.59	20.38	_	Technology
⊕ Fujitsu Ltd	1.54	21.92	_	Technology
☆ Cash And Other Assets Less Liablities	1.53	23.45	_	-

### Total Holdings 254



## 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
Akira Shiraishi since 01-2017
Bradford Freer since 01-2017
Lisa Thompson since 10-2019
Kirstie Spence since 12-2019
Dawid Justus since 01-2020
Piyada Phanaphat since 01-2020

#### **Quantitative Screens**

Matt Hochstetler since 01-2024

- 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 24.81 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 49.56% 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	03-31-2024
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	4.20	_	0.10
Beta	0.82	_	0.95
R-Squared	79.34	_	87.85
Standard Deviation	16.28	17.76	18.00
Sharpe Ratio	-0.11	-0.37	-0.34
Tracking Error	8.09	_	6.15
Information Ratio	0.62	_	0.01
Up Capture Ratio	95.11	_	97.10
Down Capture Ratio	77.23	_	96.86

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.69	14.02	14.51
Price/Book Ratio	3.12	1.66	1.91
Geom Avg Mkt Cap \$B	70.07	39.75	46.60
ROE	23.89	16.09	18.75





## American Funds New World R6 RNWGX

## Morningstar CategoryMorningstar IndexDiversified Emerging MktsMSCI EM NR USD

### Style Analysis as of 03-31-2024

Morningstar Style Box™



### Style Breakdown

Equity

10	26	53	Large
2	5	3	Mid
0	1	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



50

Asset Allocation as of 03-31-2024

#### Asset Class Net % Cat% US Stocks 20.91 3.58 Non-US Stocks 69.27 94.80 Bonds 3.78 0.05 Cash 5.84 1.38 Other 0.19 0.19

100.00

100.00

Sec	ctor Weighting as of 03-3	31-2024			
		Fund	Bmark	Cat	Fund • Benchmark [ Category Average
<sub>Մ</sub>	Cyclical	39.58	43.05	42.36	
A.	Basic Materials	7.11	7.49	6.03	
A	Consumer Cyclical	12.86	11.85	12.87	
<del>,</del>	Financial Services	17.69	22.21	21.83	
<b>fi</b>	Real Estate	1.92	1.50	1.63	
W	Sensitive	39.75	45.06	44.71	
	Communication Services	8.02	9.04	8.04	
ð	Energy	2.56	5.42	4.93	
Ф	Industrials	12.36	6.74	6.88	
	Technology	16.81	23.86	24.86	
<b>→</b>	Defensive	20.67	11.90	12.92	
=	Consumer Defensive	7.49	5.50	6.99	
٠	Healthcare	11.70	3.67	4.14	
•	Utilities	1.48	2.73	1.79	
					0% 5 10 15 20 25 30 35 40 45 5

100

Total

### World Regions % Equity 03-31-2024



	Fund %	Cat %
Greater Asia	41.58	72.94
Japan	3.02	0.07
Australasia	0.00	0.00
Asia-4 Tigers	8.26	28.48
Asia-ex 4 Tigers	30.30	44.39
Not Classified	0.00	0.00

Americas	Fund % 34.64	Cat % 16.21	Greater Europe	Fund % 23.79	Cat % 10.84	Market Maturity	Fund %
North America	24.43	3.16	United Kingdom	2.22	0.56	Developed Markets	57.10
Central/Latin	10.21	13.05	W euro-ex UK	19.00	1.90	Emerging Markets	42.90
			Emrgng Europe	0.50	1.90	Not Available	0.00
			Africa	2.07	6.48		

<b>Top 10 Holdings</b> as of 03-31-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
① Capital Group Central Cash Fund	4.06	4.06	_	_
	2.79	6.86	_	Technology
Taiwan Semiconductor Manufacturing Co Ltd	2.78	9.63	_	Technology
	1.94	11.58	_	Healthcare
☆ Cash And Other Assets Less Liablities	1.77	13.34	_	_
⊕ MercadoLibre Inc	1.52	14.86	_	Consumer Cyclical
→ Meta Platforms Inc Class A	1.49	16.36	_	Communication Svc
	1.45	17.81	_	Industrials
⊕ Broadcom Inc	1.39	19.20	_	Technology
─ Lvmh Moet Hennessy Louis Vuitton SE	1.29	20.49	_	Consumer Cyclical

### Total Holdings 576



## **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 23.52 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.3 is 44.44% 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	4	03-31-2024
ESG Commitment	1-Low	02-15-2022

#### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 03-31-2024 ■ Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year -0.45 2.80 -2.17 0.81 1.97 4.28 Fund Return % -0.78 1.70 -2.46 0.36 1.54 6.56 Benchmark Return % 2 01 -2 45 0.36 -0.51 1 43 Category Average % 40 21 26 22 10 % Rank in Category 572 557 503 452 322 # of Funds in Category

Net Exp	ense		
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	36	Percentile
	140/570	159/443	Rank

3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	0.34	_	-0.13
Beta	1.02	_	0.98
R-Squared	99.61	_	97.77
Standard Deviation	7.37	7.24	7.21
Sharpe Ratio	-0.67	-0.72	-0.74
Tracking Error	0.48	_	1.00
Information Ratio	0.60	_	-0.26
Up Capture Ratio	102.37	_	96.63
Down Capture Ratio	99.11	_	98.34

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.21	4.43	5.94
Avg Eff Maturity	8.23	-	8.63



# **Baird Aggregate Bond Inst** BAGIX

Style Analysis as of 03-31-2024

Style Breakdown

Fixed Income

Quality

Style Analysis as of 03-31-2024

Cuality

Style Breakdown

Fixed Income

Quality

Style Analysis as of 03-31-2024

Fund	Bmark	Cat
62.90	3.53	24.95
3.30	74.59	39.48
12.50	10.82	21.00
21.10	8.32	12.47
0.20	0.28	0.71
0.00	0.00	0.35
0.00	0.00	0.33
0.00	2.46	0.70
	62.90 3.30 12.50 21.10 0.20 0.00	62.90 3.53 3.30 74.59 12.50 10.82 21.10 8.32 0.20 0.28 0.00 0.00 0.00 0.00



**Morningstar Category** 

Intermediate Core Bond

**Morningstar Index** 

Bloomberg US Agg Bond TR USD

<b>Sector Weighting</b> as of 03-		Б .	0 /	- ·		р .	. П ~					
	Fund	Bmark	Cat	Fund	7	Benchma	rk [] C	ategory	Average			
Government	27.17	_	30.40		:		:	1	1			
Treasury	27.17	_	25.31									
Inflation – Protected	0.00	-	1.13	[								
Agency/Quasi Agency	0.00	_	0.87									
Other Government Related	0.00	_	3.09									
Corporate	36.35	_	23.79									
Corporate Bond	36.35	_	23.56									
Bank Loan	0.00	_	0.09									
Convertible	0.00	_	0.00									
Preferred	0.00	_	0.14									
Securitized	34.35	-	38.61									
Agency MBS Pass-Through	21.41	_	27.87									
Agency MBS ARM	0.00	_	0.21									
Agency MBS CMO	1.65	_	2.05									
Non-Agency Residential MBS	0.79	_	0.14	[]								
Commercial MBS	4.07	-	2.26									
Asset-Backed	6.43	-	6.08									
Covered Bond	0.00	_	0.00									
Municipal	0.56	-	1.02									
Cash & Equivalents	1.56	-	4.40									
Other	0.00	-	1.79	[								
				0%	5	10	15	20	25	30	35	40

<b>Top 10 Holdings</b> as of 03-31-2024				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Notes 1.13%	10-2026	4.09	4.09	_
United States Treasury Bonds 2.5%	02-2045	2.57	6.66	_
⊕ United States Treasury Notes 2.38%	03-2029	2.36	9.02	_
United States Treasury Bonds 2.88%	05-2043	1.85	10.86	_
⊕ United States Treasury Bonds 2.88%	05-2052	1.71	12.57	-
⊕ United States Treasury Notes 4.13%	08-2030	1.67	14.25	_
⊕ United States Treasury Bonds 2.38%	02-2042	1.60	15.84	_
⊕ First American Government Obligs U	02-2030	1.53	17.37	_
⊕ United States Treasury Notes 3.5%	02-2033	1.50	18.87	_
⊕ United States Treasury Notes 4.38%	08-2026	1.46	20.33	_

Total Holdings 1791



## BlackRock Inflation Protected Bond K BPLBX

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

#### Portfolio Manager(s)

David Rogal since 03-2018 Harrison Segall since 02-2024 Johan Sjogren since 02-2024

#### **Quantitative Screens**

Performance: The fund has finished in the InflationProtected 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 6.05 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.51 is
 17.74% lower than the Inflation-Protected Bond category average.

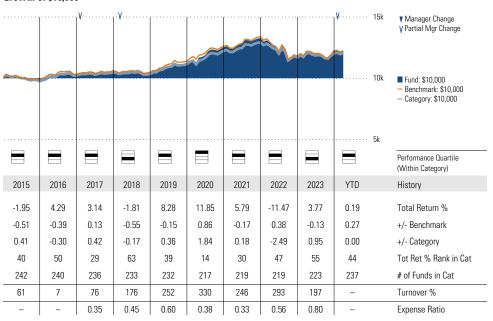
#### **Morningstar Investment Management LLC Analysis**

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

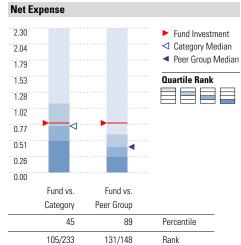
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024

#### Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.00	_	-0.36
Beta	1.01	_	0.97
R-Squared	99.15	_	95.52
Standard Deviation	7.28	7.15	7.13
Sharpe Ratio	-0.44	-0.45	-0.48
Tracking Error	0.68	_	1.65
Information Ratio	-0.01	_	-0.48
Up Capture Ratio	100.89	_	94.67
Down Capture Ratio	100.92	_	98.67

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.35	4.52	6.27
Avg Eff Maturity	_	_	7.18

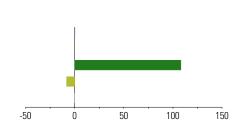


# **BlackRock Inflation Protected Bond K** BPLBX

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

**Style Analysis** as of 03-31-2024 **Style Breakdown** 





Asset Allocation as of 03-31-2024

Asset Class	Net %	Cat%
Asset Class	Net %	Cat%
US Stocks	0.16	0.23
Non-US Stocks	0.00	0.00
Bonds	108.04	96.30
Cash	-8.22	2.92
Other	0.02	0.55
Total	100.00	100.00

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	1.17	0.00	29.65
AA	94.37	99.60	67.50
A	0.60	0.00	0.83
BBB	0.81	0.00	1.33
BB	0.24	0.00	0.04
В	0.06	0.00	0.01
Below B	0.00	0.00	0.11
Not Rated	2.75	0.40	0.53

31-2024						
Fund	Bmark	Cat	Fund	▼ Benchmark	Category Average	
80.74	_	87.85				
1.71	_	0.26	D			
67.12	_	81.33				
0.00	_	0.08				
11.91	_	6.18				
0.71	-	1.05	0			
0.71	_	1.02	0			
0.00	_	0.03	0			
0.00	_	0.00				
0.00	-	0.00				
7.36	-	3.74				
3.96	_	1.55				
0.00	_	0.00				
0.50	-	0.23				
0.26	-	0.08				
0.22	-	0.18				
2.42	_	1.59	10			
0.00	_	0.11	0			
0.00	-	0.00				
8.48	-	7.24				
2.72	_	0.11				
	Fund  80.74  1.71  67.12  0.00  11.91  0.71  0.71  0.00  0.00  7.36  3.96  0.00  0.50  0.26  0.22  2.42  0.00  0.00  8.48	Fund         Bmark           80.74         —           1.71         —           67.12         —           0.00         —           11.91         —           0.71         —           0.00         —           0.00         —           0.00         —           7.36         —           3.96         —           0.00         —           0.50         —           0.26         —           0.22         —           2.42         —           0.00         —           0.00         —           0.00         —	Fund         Bmark         Cat           80.74         —         87.85           1.71         —         0.26           67.12         —         81.33           0.00         —         0.08           11.91         —         6.18           0.71         —         1.05           0.71         —         1.02           0.00         —         0.03           0.00         —         0.00           0.00         —         0.00           7.36         —         3.74           3.96         —         1.55           0.00         —         0.00           0.50         —         0.23           0.26         —         0.08           0.22         —         0.18           2.42         —         1.59           0.00         —         0.11           0.00         —         0.00	Fund         Bmark         Cat         Fund           80.74         -         87.85         -           1.71         -         0.26         -           67.12         -         81.33         -           0.00         -         0.08         -           11.91         -         6.18         -           0.71         -         1.05         -           0.00         -         0.03         -           0.00         -         0.00         -           0.00         -         0.00         -           0.00         -         0.00         -           0.00         -         0.00         -           0.50         -         0.23         -           0.26         -         0.08         -           0.22         -         0.18         -           2.42         -         1.59         -           0.00         -         0.00         -	Fund         Bmark         Cat         Fund         * Benchmark           80.74         —         87.85         —         —         1.71         —         0.26         —	Fund         Bmark         Cat         Fund         * Benchmark         [ Category Average           80.74         -         87.85           1.71         -         0.26           -           67.12         -         81.33           -           0.00         -         0.08           -           11.91         -         6.18           -           0.71         -         1.05           -           0.71         -         1.05           -           0.00         -         0.03           -           0.00         -         0.00           -           0.00         -         0.00           -           7.36         -         3.74           -           0.00         -         0.00           -           0.00         -         0.00           -           0.50         -         0.23           -           0.22         -         0.18           -           0.00         -         0.11           -           0.00         -         0.00           -           0.00         -         0.11           -           0.00

<b>Top 10 Holdings</b> as of 03-31-2024				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
Fed Fund 30 Day Apr 24	-	12.74	12.74	_
🌣 Cash Offset	-	11.87	24.61	-
⇒ USD CASH(Alpha Committed)	04-2024	7.01	31.61	-
⊕ United States Treasury Notes	10-2028	5.94	37.55	_
⊖ Us 5Yr Note Jun 24	_	5.60	43.15	_
→ RRP TREASURY (CPI) NOTE 2.375 15-0 HSSUS	04-2024	4.76	47.91	_
─ Us Ultra 10Yr Note Jun 24	-	4.73	52.64	_
─ United States Treasury Notes	07-2033	3.71	56.36	_
Ounited States Treasury Notes	01-2033	3.68	60.04	_
	07-2032	3.67	63.71	_

Total Holdings 318



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

Management: The fund's management has been in place for 9.41 years.

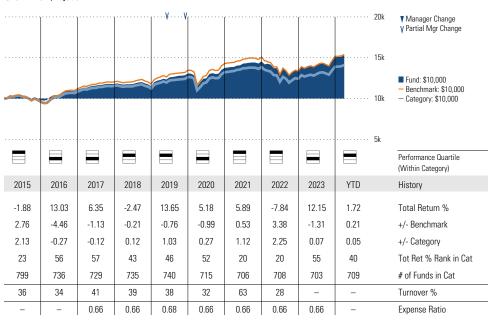
Style Consistency is not calculated for Fixed Income funds.

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

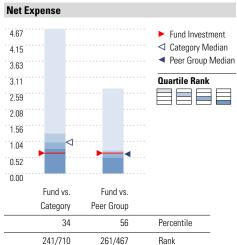
#### **Morningstar Investment Management LLC Analysis**

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







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.25	_	0.01
Beta	0.92	_	0.89
R-Squared	97.91	-	94.38
Standard Deviation	7.91	8.47	7.77
Sharpe Ratio	0.09	-0.05	-0.07
Tracking Error	1.31	-	1.88
Information Ratio	0.86	_	-0.30
Up Capture Ratio	98.98	-	89.34
Down Capture Ratio	87.29	-	89.22

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	3.31	-	3.18
Avg Eff Maturity	4.55	_	4.90



## Eaton Vance Income Fund of Boston R6 EIBRX

Morningstar Category
High Yield Bond

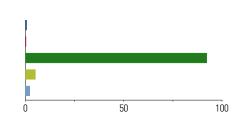
Morningstar Index ICE BofA US High Yield TR USD

Style Analysis as of 03-31-2024 Style Breakdown



Mod Ext

Duration



Asset Allocation as of 03-31-2024

Total	100.00	100.00
Other	2.14	1.23
Cash	5.00	3.60
Bonds	92.17	94.32
Non-US Stocks	0.20	0.05
US Stocks	0.50	0.80
Asset Class	Net %	Cat%

0% 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 9095

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	0.00	_	1.74
AA	0.00	_	1.39
A	0.00	_	0.75
BBB	5.23	_	6.23
BB	38.67	_	38.01
В	39.97	_	35.18
Below B	12.22	_	15.87
Not Rated	3.91	_	0.83

			•			_		г	1 0							
	Fund	Bmark	Cat	Fund	*	Bend	hmark	. [	] Ca	iteg	ory	Ave	rage	9		
Government	0.00	-	2.16	10												
Treasury	0.00	_	0.91													
Inflation – Protected	0.00	_	0.01													
Agency/Quasi Agency	0.00	-	0.00	0												
Other Government Related	0.00	_	1.24	10												
Corporate	94.93	-	89.86													
Corporate Bond	87.24	_	87.71													
Bank Loan	5.79	_	1.37													
Convertible	0.85	_	0.40													
Preferred	1.05	_	0.38	0												
Securitized	0.00	-	1.41	10												
Agency MBS Pass-Through	0.00	_	0.04													
Agency MBS ARM	0.00	_	0.00													
Agency MBS CMO	0.00	_	0.04													
Non-Agency Residential MBS	0.00	_	0.05													
Commercial MBS	0.00	_	0.21													
Asset-Backed	0.00	_	1.07													
Covered Bond	0.00	_	0.00	j i												
Municipal	0.00	_	0.03													
Cash & Equivalents	5.07	_	4.62													
Other	0.00	_	1.93	10												

<b>Top 10 Holdings</b> as of 03-31-2024				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
Msilf Government Portfolio Msilf Government Portfolio	12-2030	4.82	4.82	_
⊕ iShares Broad USD High Yield Corp Bd ETF	_	1.49	6.30	-
Medline Borrower LP 5.25%	10-2029	0.74	7.04	-
CCO Holdings, LLC/ CCO Holdings Capital Corp. 4.5%	08-2030	0.74	7.78	-
Truist Insurance Holdings LLC	03-2032	0.66	8.44	-
Arsenal AIC Parent LLC 11.5%	10-2031	0.63	9.07	_
Heartland Dental LLC / Heartland Dental Finance Corp. 10.5%	04-2028	0.57	9.63	-
Rolls-Royce PLC 5.75%	10-2027	0.55	10.18	-
Neptune Energy Bondco PLC 6.625%	05-2025	0.49	10.67	-
Panther Bf Agg 2 Fixed Coupon 4.375000 Maturity 20260515	05-2026	0.49	11.16	_

Total Holdings 461



## 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 7 years it's been in existence.

Management: The fund's management has been in place for 26.74 years.

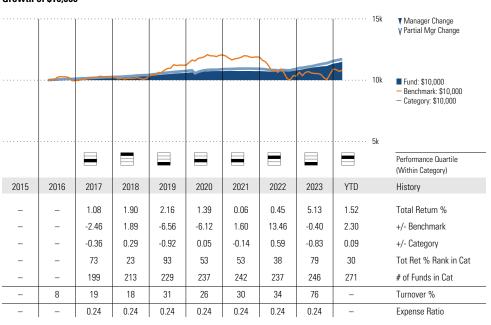
Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.24 is 41.46% lower than the Ultrashort Bond category average.

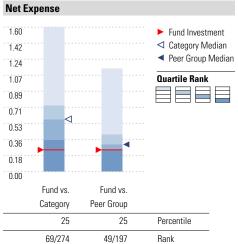
#### **Morningstar Investment Management LLC Analysis**

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 hisk wetrics			
	Fund	Bmark	Cat
Alpha	2.46	_	2.54
Beta	0.08	_	0.09
R-Squared	36.31	_	27.88
Standard Deviation	0.93	7.24	1.24
Sharpe Ratio	-1.13	-0.72	-0.91
Tracking Error	6.72	_	6.69
Information Ratio	0.71	_	0.72
Up Capture Ratio	16.65	-	17.13
Down Capture Ratio	-8.17	_	-8.23

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	0.55	4.43	1.05
Avg Eff Maturity	_	_	1.65



## Federated Hermes Govt Ultrashort R6 FGULX

**Morningstar Category** Ultrashort Bond

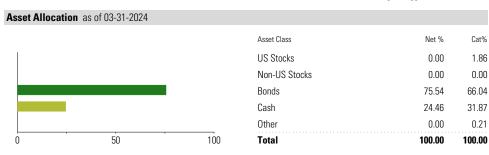
**Morningstar Index** 

Bloomberg US Agg Bond TR USD

Style Analysis as of 03-31-2024 Style Breakdown

Fixed	Income		Quality
			High
			_ Mid
			Low
Ltd Durat	Mod ion	Ext	

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	100.00	3.53	46.30
AA	0.00	74.59	15.66
А	0.00	10.82	13.25
BBB	0.00	8.32	19.87
BB	0.00	0.28	2.17
В	0.00	0.00	0.90
Below B	0.00	0.00	0.25
Not Rated	0.00	2.46	1.61



	Fund	Bmark	Cat	Fund	▼ Benchmark	Categ	ory Ave	rage		
Government	5.28	_	21.63							
Treasury	3.80	_	18.64							
Inflation – Protected	0.00	_	0.05							
Agency/Quasi Agency	1.48	_	0.48	0						
Other Government Related	0.00	_	2.46	[ ]						
Corporate	0.00	-	35.22	I i						
Corporate Bond	0.00	_	34.40	i i						
Bank Loan	0.00	_	0.66	0						
Convertible	0.00	_	0.05							
Preferred	0.00	_	0.11							
Securitized	70.49	-	21.61							
Agency MBS Pass-Through	9.84	_	0.18							
Agency MBS ARM	0.06	_	0.21							
Agency MBS CMO	60.59	_	1.32							
Non-Agency Residential MBS	0.00	_	0.04							
Commercial MBS	0.00	_	2.38	10						
Asset-Backed	0.00	_	17.48	i i						
Covered Bond	0.00	_	0.00							
Municipal	0.00	_	0.60	0						
Cash & Equivalents	24.23	_	18.76							
Other	0.00	-	2.20	ī [ :						

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Bank Of Montreal 8 Repo	04-2024	9.85	9.85	_
⊕ Hsbc Repo 3 Repo	04-2024	9.85	19.70	_
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.97998%	04-2033	5.22	24.91	_
→ FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.82998%	12-2032	4.16	29.07	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.87998%	12-2032	3.91	32.98	_
⊕ Bofam Repo 1 Repo	04-2024	3.78	36.77	_
⊕ Government National Mortgage Association 5.12871%	01-2073	3.51	40.28	-
→ FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.97039%	07-2053	3.13	43.41	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 6.19998%	10-2032	2.88	46.28	_
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 6.19998%	11-2032	2.57	48.85	_

**Total Holdings 210** 



## Invesco Growth and Income R6 GIFFX

**Morningstar Category** Large Value

Morningstar Index Russell 1000 Value TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 21.1 years.

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

Net Expense: The fund's expense ratio of 0.42 is 52.81% lower than the Large Value category average.

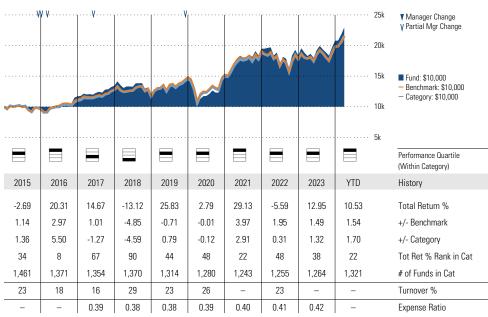
#### **Morningstar Investment Management LLC Analysis**

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.

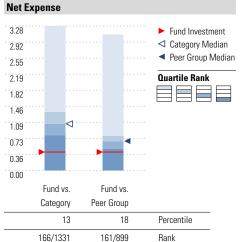
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	03-31-2024
Carbon Risk Score	Medium Risk	12-31-2022

### Growth of \$10,000







161/899 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 Wetrics			
	Fund	Bmark	Cat
Alpha	1.86	_	1.07
Beta	1.02	_	0.96
R-Squared	95.25	_	94.27
Standard Deviation	17.18	16.43	16.34
Sharpe Ratio	0.48	0.38	0.43
Tracking Error	3.76	_	4.01
Information Ratio	0.55	_	0.22
Up Capture Ratio	103.20	_	98.20
Down Capture Ratio	95.07	-	93.98

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.59	17.93	18.96
Price/Book Ratio	2.32	2.34	2.53
Geom Avg Mkt Cap \$B	101.49	73.93	121.22
ROE	18.01	16.60	21.17



## Invesco Growth and Income R6 GIFFX

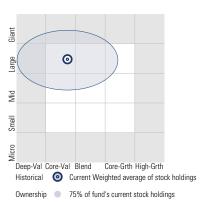
# Morningstar Category Large Value

Morningstar Index

Russell 1000 Value TR USD

### Style Analysis as of 03-31-2024

Morningstar Style Box™



### Style Breakdown

Equity

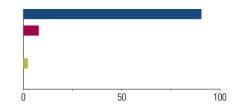
36	23	9	Large
11	20	1	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

### Asset Allocation as of 03-31-2024



Total	100.00	100.00
Other	0.00	1.29
Cash	2.01	0.89
Bonds	0.00	0.31
Non-US Stocks	7.60	5.71
US Stocks	90.40	91.79
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund		▼ Bench	mark	Categ	jory Av	erage		
٠	Cyclical	33.10	35.85	33.68									
À.	Basic Materials	3.34	4.18	3.58		0							
•	Consumer Cyclical	6.23	5.43	6.93			]						
<u></u>	Financial Services	21.17	21.43	19.81									
à	Real Estate	2.36	4.81	3.36		0							
Ųľ	Sensitive	43.23	37.28	38.27									
	Communication Services	7.39	4.79	5.67			ų.						
	Energy	8.23	7.71	8.13									
ž	Industrials	14.24	13.96	12.04									
3	Technology	13.37	10.82	12.43									
+	Defensive	23.68	26.87	28.05									
Ţ	Consumer Defensive	5.03	7.68	8.42									
1	Healthcare	15.63	14.64	14.73									
1	Utilities	3.02	4.55	4.90									

<b>Top 15 Holdings</b> as of 03-31-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
→ Wells Fargo & Co	4.04	4.04	_	Financial Services
⊕ Bank of America Corp	3.26	7.30	13.34	Financial Services
⊕ Stsb_GI_FxgI	3.14	10.44	_	_
⊕ Stsb_Gl_Fxgl	3.12	13.56	_	-
○ ConocoPhillips	2.37	15.93	-	Energy
⊕ Exxon Mobil Corp	2.34	18.27	_	Energy
	2.29	20.56	_	Real Estate
	2.28	22.84	_	Communication Svc
Amazon.com Inc	2.17	25.01	_	Consumer Cyclical
⊕ American International Group Inc	1.94	26.95	-	Financial Services
	1.92	28.87	_	Industrials
⊕ Johnson & Johnson	1.90	30.77	-	Healthcare
Fiserv Inc	1.78	32.54	-	Technology
→ Parker Hannifin Corp	1.74	34.28	-	Industrials
→ Willis Towers Watson PLC	1.72	36.00	_	Financial Services

### **Total Holdings** 86



### 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 22.01 years.
- Net Expense: The fund's expense ratio of 0.51 is 45.16% 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.

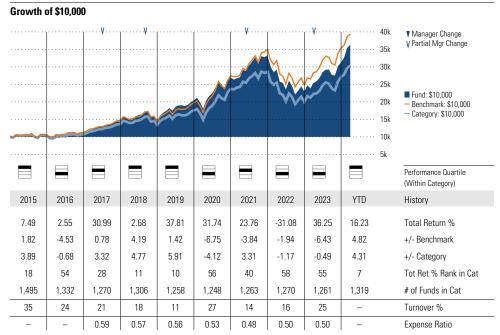
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	03-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	02-15-2022

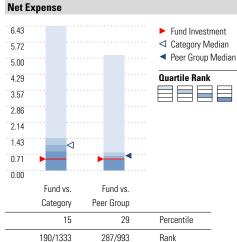
### Morningstar Category

Morningstar Index

Large Growth Russell 1000 Growth TR USD







3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	-1.55	_	-4.06
Beta	0.97	_	0.99
R-Squared	97.01	_	92.99
Standard Deviation	20.75	21.06	21.63
Sharpe Ratio	0.44	0.53	0.34
Tracking Error	3.64	-	5.74
Information Ratio	-0.58	-	-0.81
Up Capture Ratio	95.37	-	91.24
Down Capture Ratio	100.83	_	104.54

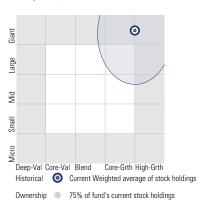
Portfolio Metrics								
	Fund	Bmark	Cat					
Price/Earnings Ratio	39.51	33.46	34.39					
Price/Book Ratio	9.72	11.23	9.06					
Geom Avg Mkt Cap \$B	481.83	477.55	492.48					
ROE	37.29	42.00	38.04					



## MFS Growth R6 MFEKX

### Style Analysis as of 03-31-2024

Morningstar Style Box™



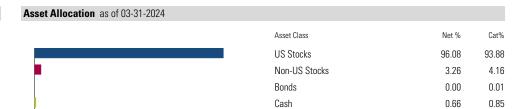
### Style Breakdown

Equity

0	22	64	Laige
0	3	11	MIN
0	0	0	JIIdii

Value Blend Growth
Weight %

>50 25-50 10-25 0-10



100

Other

Total

**Morningstar Category** 

Large Growth

Morningstar Index

Russell 1000 Growth TR USD

0.00

100.00

1.11

100.00

		Fund	Bmark	Cat	Fund	<ul> <li>Benchmai</li> </ul>	rk_ []	Cateo	gory A	veraç	je		
b	Cyclical	26.54	22.72	25.16									
	Basic Materials	4.69	0.64	1.19									
<b>-</b>	Consumer Cyclical	10.27	15.17	14.47									
ê	Financial Services	10.44	6.06	8.41									
b	Real Estate	1.14	0.85	1.09	Ú								
NF	Sensitive	61.88	62.66	59.25									
	Communication Services	13.38	11.69	11.58									
	Energy	0.00	0.45	0.99	ĺ								
þ	Industrials	5.28	4.99	6.14									
1	Technology	43.22	45.53	40.54							• "		
+	Defensive	11.58	14.62	15.60									
÷	Consumer Defensive	0.71	4.01	2.86	• [								
	Healthcare	10.87	10.56	12.45									
2	Utilities	0.00	0.05	0.29	j								

Top 15 Holdings as of 03-31-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	14.03	14.03	_	Technology
NVIDIA Corp	9.17	23.20	_	Technology
Amazon.com Inc	6.73	29.93	_	Consumer Cyclical
○ Alphabet Inc Class A	5.91	35.84	_	Communication Svc
Meta Platforms Inc Class A	5.58	41.42	-	Communication Svc
	4.53	45.95	_	Technology
	3.79	49.74	13.06	Financial Services
	3.05	52.79	7.39	Financial Services
⊕ Eli Lilly and Co	2.91	55.70	33.68	Healthcare
Boston Scientific Corp	2.03	57.73	18.47	Healthcare
O Vulcan Materials Co	1.91	59.64	20.43	Basic Materials
	1.82	61.46	_	Technology
○ Cadence Design Systems Inc	1.77	63.23	_	Technology
□ Linde PLC	1.75	64.98	_	Basic Materials
⊕ Eaton Corp PLC	1.66	66.65	30.23	Industrials

50

Total Holdings 65



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

Management: The fund's management has been in place for 15.37 years.

Net Expense: The fund's expense ratio of 0.66 is 38.32% lower than the Mid-Cap Growth category average.

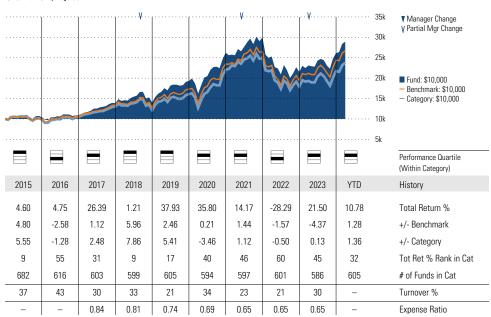
#### **Morningstar Investment Management LLC Analysis**

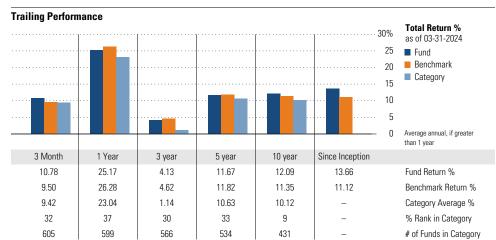
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

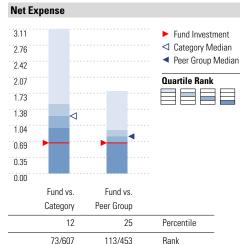
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	03-31-2024
Carbon Risk Score	Low Risk	12-31-2022
FSG Commitment	2-Basic	02-15-2022

#### Growth of \$10,000







3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	-0.13	_	-3.45
Beta	0.92	_	0.97
R-Squared	94.25	_	91.07
Standard Deviation	20.49	21.74	22.26
Sharpe Ratio	0.16	0.18	0.03
Tracking Error	5.25	_	6.61
Information Ratio	-0.09	_	-0.68
Up Capture Ratio	94.36	-	92.06
Down Capture Ratio	95.39	_	104.36

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	38.73	26.72	31.29
Price/Book Ratio	6.76	8.38	5.82
Geom Avg Mkt Cap \$B	28.30	25.23	22.56
ROE	19.88	26.19	19.71



## MFS Mid Cap Growth R6 OTCKX

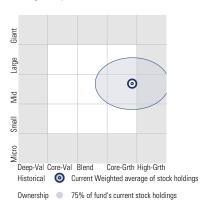
## Morningstar Category Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

### Style Analysis as of 03-31-2024

Morningstar Style Box™



### Style Breakdown

Equity

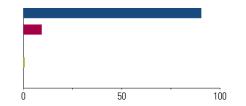
1. /			
0	2	19	Large
1	18	50	MIG
1	3	5	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

#### Asset Allocation as of 03-31-2024



Total	100.00	100.00
Other	0.00	0.42
Cash	0.52	3.26
Bonds	0.00	0.08
Non-US Stocks	9.14	4.09
US Stocks	90.34	92.16
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	▼ Be	nchma	ark [	Categ	ory Av	/erage		
b	Cyclical	27.40	24.66	27.83									
ů.	Basic Materials	3.17	0.88	2.14									
4	Consumer Cyclical	12.68	13.02	12.43			]						
ê	Financial Services	9.30	9.11	10.45									
ŧ	Real Estate	2.25	1.65	2.81									
M	Sensitive	53.38	54.11	50.56									
	Communication Services	4.59	4.01	3.57									
	Energy	1.37	3.51	2.79									
¢	Industrials	22.83	18.39	17.58						_ :			
3	Technology	24.59	28.20	26.62						1			
<b>→</b>	Defensive	19.23	21.24	21.59									
	Consumer Defensive	1.75	2.83	2.79				_					
٠	Healthcare	17.48	17.98	18.22				ľ					
•	Utilities	0.00	0.43	0.58	İ								

<b>Top 15 Holdings</b> as of 03-31-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	3.23	3.23	_	Technology
○ Cadence Design Systems Inc	2.83	6.06	_	Technology
Vulcan Materials Co	2.66	8.72	20.43	Basic Materials
AMETEK Inc	2.58	11.30	11.09	Industrials
Howmet Aerospace Inc	2.39	13.70	26.53	Industrials
○ Copart Inc	2.30	15.99	_	Industrials
MSCI Inc	2.27	18.27	-0.64	Financial Services
Gartner Inc	2.25	20.51	5.67	Technology
○ Verisk Analytics Inc	2.12	22.63	_	Industrials
Take-Two Interactive Software Inc	2.07	24.70	-	Communication Svc
<ul> <li>→ ASM International NV</li> </ul>	2.02	26.72	_	Technology
CoStar Group Inc	2.01	28.73	_	Real Estate
	1.95	30.68	_	Industrials
Synopsys Inc	1.86	32.54	_	Technology
Bruker Corp	1.71	34.25	_	Healthcare

Total Holdings 92



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

Management: The fund's management has been in place for 5.42 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.99 is 3.88% lower than the Commodities Broad Basket category average.

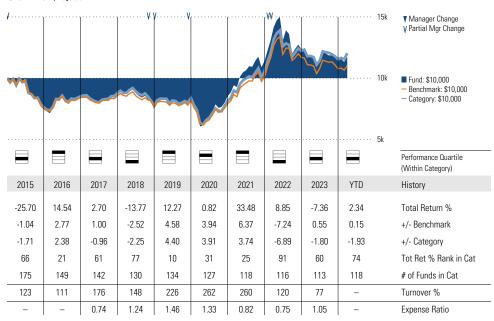
#### **Morningstar Investment Management LLC Analysis**

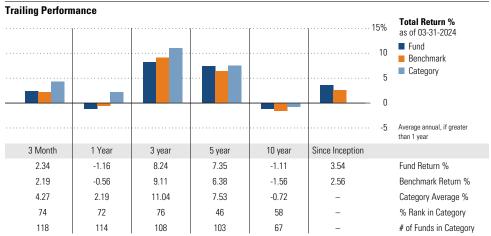
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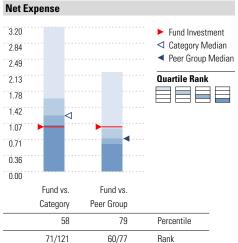
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024

#### Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-1.51	-	1.68
Beta	1.11	_	0.96
R-Squared	96.06	_	89.39
Standard Deviation	17.75	15.71	16.03
Sharpe Ratio	0.37	0.44	0.51
Tracking Error	3.90	-	4.80
Information Ratio	-0.22	-	0.14
Up Capture Ratio	105.54	-	98.62
Down Capture Ratio	112.80	_	90.53

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	12.27	_	7.93
Price/Book Ratio	3.56	_	1.87
Geom Avg Mkt Cap \$B	16.44	_	44.07
ROE	29.97	-	27.17

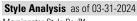


## PIMCO Commodity Real Ret Strat Instl PCRIX

Morningstar CategoryMorningCommodities Broad BasketBloomb

Morningstar Index

sket Bloomberg Commodity TR USD







### Style Breakdown

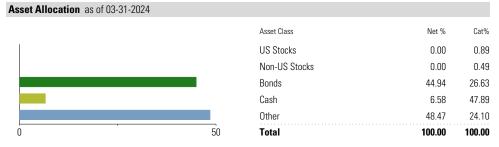




Value Blend Growth

Weight %

>50 25-50 10-25 0-10



		Fund	Bmark	Cat	Fund	l	▼ Be	nchma	ark	Cate	jory Av	erage		
<u></u>	Cyclical	-	-	44.68										
÷.	Basic Materials	_	_	44.68										
<b>A</b>	Consumer Cyclical	_	_	0.00	ĺ									
<del>,</del>	Financial Services	_	_	0.00	0									
æ	Real Estate	_	_	0.00	ĺ									
W	Sensitive	-	-	51.07										
	Communication Services	_	_	0.00	Ď									
ð	Energy	_	_	48.94										
Ф	Industrials	_	_	2.13										
	Technology	_	_	0.00	ĺ									
<b>-</b>	Defensive	-	-	4.26										
=	Consumer Defensive	_	_	4.26										
٠	Healthcare	_	_	0.00	j									
•	Utilities	_	_	0.00	İ									

### **Top 0 Holdings** as of 03-31-2024

Name

% Net Asset

Cumulative %

YTD Return %

Morningstar Sector

#### Total Holdings 0



## 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 17.02 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.62 is 36.73% 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.

#### **ESG Metrics**

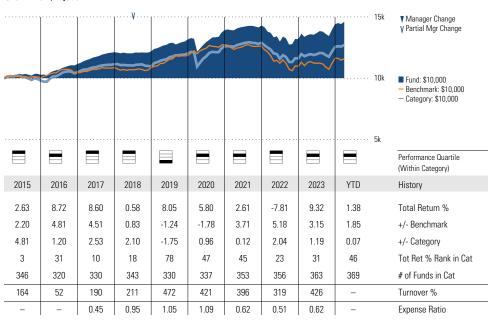
Metric	Rating	Updated
Sustainability Rating	4	03-31-2024

#### **Morningstar Category** Multisector Bond

Morningstar Index

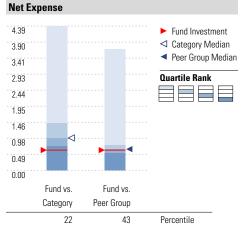
Bloomberg US Universal TR USD

#### Growth of \$10,000



#### **Trailing Performance**





105/246 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	3.36	_	2.01
Beta	0.82	_	0.78
R-Squared	85.61	_	77.04
Standard Deviation	6.30	7.15	6.35
Sharpe Ratio	-0.18	-0.68	-0.38
Tracking Error	2.73	_	3.54
Information Ratio	1.37	_	0.72
Up Capture Ratio	93.41	_	81.29
Down Capture Ratio	58.96	_	61.76

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	3.55	4.55	4.47
Avg Eff Maturity	5.31	7.69	7.19



84/375

## PIMCO Income Insti PIMIX

Style Analysis as of 03-31-2024
Style Breakdown
Fixed Income

Quality

G

C

Ltd Mod Ext
Duration

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	60.28	67.64	18.43
AA	7.84	3.23	10.57
А	3.89	10.03	8.96
BBB	11.61	10.89	26.23
BB	5.90	3.19	18.07
В	3.51	3.64	9.92
Below B	6.97	1.38	2.89
Not Rated	0.00	0.00	4.94

#### **Morningstar Category Morningstar Index** Multisector Bond Bloomberg US Universal TR USD Asset Allocation as of 03-31-2024 Asset Class Cat% Net % US Stocks 0.81 1.19 Non-US Stocks 0.32 0.14 Bonds 190.45 107.11 Cash -91.70 -4.46 Other -3.97 0.11 -100 -50 Ö 50 100 150 200 Total 100.00 100.00

Other	9.65	_	2.56								
Cash & Equivalents	24.48	_	9.02								
Municipal	0.02	-	0.29								
Covered Bond	0.00	-	0.00								
Asset-Backed	7.22	-	9.24		-	[					
Commercial MBS	0.31	_	2.37								
Non-Agency Residential MBS	3.70	_	3.64								
Agency MBS CMO	0.12	_	1.54	[							
Agency MBS ARM	0.00	_	0.07								
Agency MBS Pass-Through	13.92	_	10.06								
Securitized	25.27	_	26.92		-	-		-			
Preferred	0.01	-	1.58	[							
Convertible	0.02	-	0.59								
Bank Loan	0.61	_	2.97	. [							
Corporate Bond	2.40	_	29.43								
Corporate	3.04	_	34.57								
Other Government Related	33.03	_	16.31			:		:	:	<u>:</u>	
Agency/Quasi Agency	0.02	_	0.45	0							
Inflation – Protected	2.59	_	0.72								
Treasury	1.73	_	9.17								
Government	37.37	_	26.65								
	Fund	Bmark	Cat	Fund	•	Benchma	ark 🛮 C	ategory	Average		

<b>Top 0 Holdings</b> as of 03-31-2024				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector

⊕ Increase ⊖ Decrease 🛪 New to Portfolio

Total Holdings 0



## 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**

 Q 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 9.52 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.63 is
 11.27% lower than the Global Bond-USD Hedged category average.

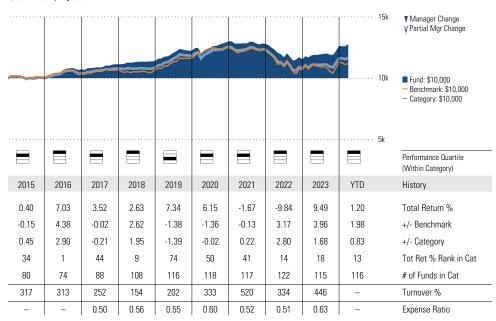
#### **Morningstar Investment Management LLC Analysis**

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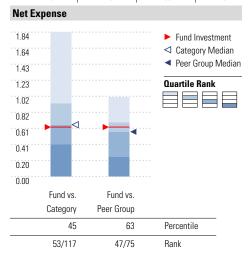
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024

#### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 03-31-2024 ■ Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year 1.20 7.73 -0.14 1.68 3.31 6.27 Fund Return % -0.78 1.70 -2.46 0.36 1.54 6.56 Benchmark Return % 0.37 5 27 -1 62 0.71 1.76 Category Average % 13 12 3 12 % Rank in Category 116 113 109 101 62 # of Funds in Category



3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.32	_	0.33
Beta	0.60	_	0.83
R-Squared	76.45	_	84.73
Standard Deviation	4.97	7.24	6.47
Sharpe Ratio	-0.62	-0.72	-0.72
Tracking Error	3.77	_	3.00
Information Ratio	0.61	_	0.27
Up Capture Ratio	65.51	_	83.18
Down Capture Ratio	52.18	_	80.15

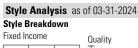
Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.34	4.43	6.43
Avg Eff Maturity	7.49	_	8.05



# PIMCO International Bond (USD-Hdg) Instl PFORX

Morningstar CategoryMorningstarGlobal Bond-USD HedgedBloomberg U

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





-50	Ó	50	100	150

Asset Allocation as of 03-31-2024

Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.00
Bonds	145.27	60.55
Cash	-42.23	39.33
Other	-3.03	0.11
Total	100.00	100.00

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	51.22	3.53	26.82
AA	13.50	74.59	12.65
A	15.39	10.82	25.81
BBB	17.35	8.32	21.47
BB	0.83	0.28	5.07
В	0.36	0.00	2.04
Below B	1.35	0.00	1.26
Not Rated	0.00	2.46	4.88

5 5	31-2024	Б	0 .		_		, п					
	Fund	Bmark	Cat	Fund	* B	enchma	ark [	Categ	jory Av	erage		
Government	50.90	-	41.20		: :							
Treasury	9.48	_	30.36									
Inflation – Protected	1.02	-	0.90									
Agency/Quasi Agency	0.24	_	2.93									
Other Government Related	40.16	_	7.01									
Corporate	1.52	-	10.81									
Corporate Bond	1.44	-	10.45									
Bank Loan	0.08	_	0.28									
Convertible	0.00	_	0.06									
Preferred	0.00	_	0.02									
Securitized	10.34	-	5.36									
Agency MBS Pass-Through	6.32	_	3.16									
Agency MBS ARM	0.00	_	0.00									
Agency MBS CMO	0.01	_	0.24									
Non-Agency Residential MBS	1.07	_	0.19	Di								
Commercial MBS	0.14	_	0.25									
Asset-Backed	1.90	_	1.10									
Covered Bond	0.90	_	0.42	0								
Municipal	0.03	-	0.03									
Cash & Equivalents	20.61	_	19.81									
Other	16.57	_	22.79					0				

We to December 1997 to	
Name Maturity Date % Net Asset Cumulative % Fixed Income Sector	

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

Total Holdings 0



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

Morningstar Category

Small Growth

Morningstar Index

Russell 2000 Growth TR USD

#### Portfolio Manager(s)

Management Team since 09-2009

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 14.58 years.

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

Net Expense: The fund's expense ratio of 0.05 is 95.37% lower than the Small Growth category average.

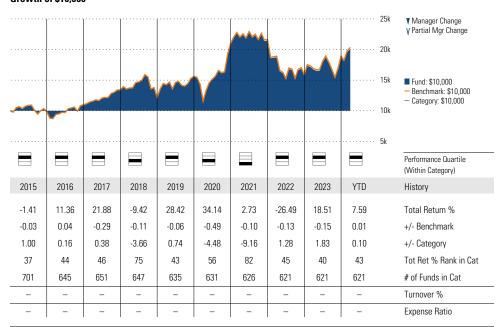
#### **Morningstar Investment Management LLC Analysis**

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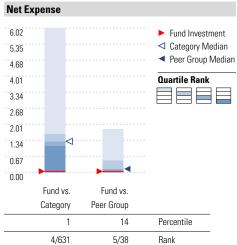
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024
Carbon Risk Score	Medium Risk	12-31-2022

#### Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.15	_	1.54
Beta	1.00	_	0.94
R-Squared	100.00	_	93.27
Standard Deviation	22.39	22.41	21.75
Sharpe Ratio	-0.15	-0.14	-0.07
Tracking Error	0.09	_	5.39
Information Ratio	-1.56	_	0.06
Up Capture Ratio	99.57	_	97.33
Down Capture Ratio	100.07	_	92.51

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	22.89	21.70	28.60
Price/Book Ratio	4.19	4.07	4.00
Geom Avg Mkt Cap \$B	3.71	3.44	6.70
ROE	12.07	10.62	11.42



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

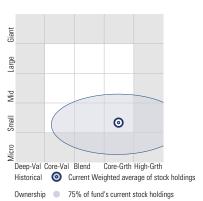
# Morningstar Category Small Growth

Morningstar Index

Russell 2000 Growth TR USD

### Style Analysis as of 03-31-2024

Morningstar Style Box™



### Style Breakdown

Equity

. ,			
0	0	4	Large
0	2	2	Mid
11	33	47	Small
Value	Blend	Growth	

Weight %

>50 25-50 10-25 0-10



50

Asset Allocation as of 03-31-2024



		Fund	Bmark	Cat	Fund	▼ Be	nchmar	k []	Categ	ory Av	erage		
÷	Cyclical	21.25	21.58	24.59									
à.	Basic Materials	4.45	4.56	3.13									
•	Consumer Cyclical	9.88	9.98	10.98									
<u></u>	Financial Services	5.39	5.45	8.17	· ·								
à	Real Estate	1.53	1.59	2.31									
UF.	Sensitive	51.56	50.24	50.31									
	Communication Services	1.65	1.76	1.37									
	Energy	4.41	4.04	3.69	<b>—</b> )								
ŀ	Industrials	18.36	18.16	19.63									
1	Technology	27.14	26.28	25.62									
+	Defensive	27.18	28.18	25.10									
7	Consumer Defensive	4.78	4.97	4.45									
	Healthcare	21.05	21.88	19.93									
1	Utilities	1.35	1.33	0.72	0								

100

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Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Super Micro Computer Inc	3.78	3.78	_	Technology
⊕ MicroStrategy Inc Class A	1.86	5.64	_	Technology
⊕ State Street Corporation Short Term Investment Fund	0.93	6.57	_	-
⊕ E-Mini Russ 2000 Jun24 Xcme 20240621	0.91	7.47	-	-
Comfort Systems USA Inc	0.83	8.30	-	Industrials
e.l.f. Beauty Inc	0.78	9.08	_	Consumer Defensive
Simpson Manufacturing Co Inc	0.65	9.73	-	Basic Materials
→ Viking Therapeutics Inc	0.62	10.35	-	Healthcare
Weatherford International PLC Ordinary Shares - New	0.60	10.95	-	Energy
Applied Industrial Technologies Inc	0.56	11.51	-	Industrials
Onto Innovation Inc	0.56	12.06	_	Technology
Vaxcyte Inc Ordinary Shares	0.53	12.59	-	Healthcare
ChampionX Corp	0.52	13.11	_	Energy
→ NEXTracker Inc Ordinary Shares - Class A	0.52	13.63	_	Technology
Atkore Inc	0.52	14.15	_	Industrials

Total Holdings 1032



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

Morningstar Category

Small Value

Morningstar Index

Russell 2000 Value TR USD

### Portfolio Manager(s)

Management Team since 09-2009

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 14.58 years.

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

Net Expense: The fund's expense ratio of 0.05 is 95.5% lower than the Small Value category average.

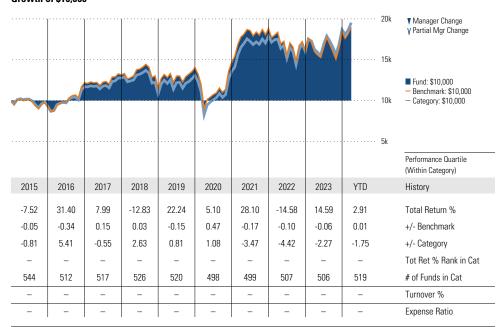
#### **Morningstar Investment Management LLC Analysis**

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.

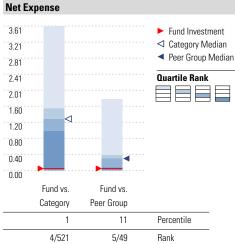
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	03-31-2024
Carbon Risk Score	Medium Risk	12-31-2022

#### Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.07	_	3.39
Beta	1.00	_	0.93
R-Squared	100.00	-	93.14
Standard Deviation	21.50	21.49	20.62
Sharpe Ratio	0.07	0.07	0.22
Tracking Error	0.08	-	5.51
Information Ratio	-0.90	-	0.62
Up Capture Ratio	99.99	-	98.44
Down Capture Ratio	100.22	-	87.92

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	12.65	11.84	14.40
Price/Book Ratio	1.35	1.29	1.64
Geom Avg Mkt Cap \$B	2.21	2.09	4.59
ROE	5.36	5.59	12.78



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

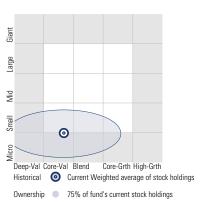
# Morningstar Category Small Value

Morningstar Index

Russell 2000 Value TR USD

### Style Analysis as of 03-31-2024

Morningstar Style Box™



### Style Breakdown

Equity

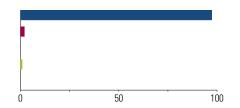
Large	Mid	Small
0	0	11
0	1	34
 0	1	52

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

#### Asset Allocation as of 03-31-2024



Total	100.00	100.00
Other	0.00	0.26
Cash	0.80	3.42
Bonds	0.00	0.03
Non-US Stocks	1.93	3.25
US Stocks	97.27	93.03
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund • Benchmark [] Category Average
ŀ	Cyclical	51.41	51.38	49.72	
A.	Basic Materials	5.35	5.13	6.45	
4	Consumer Cyclical	11.23	11.29	14.29	
ê	Financial Services	22.98	22.88	22.72	
ŧ	Real Estate	11.85	12.08	6.26	
M	Sensitive	32.17	31.96	37.56	
d	Communication Services	2.06	2.15	1.81	
•	Energy	9.67	9.12	7.60	
ф	Industrials	13.18	13.21	18.36	
3	Technology	7.26	7.48	9.79	
<b>→</b>	Defensive	16.41	16.65	12.72	
	Consumer Defensive	3.22	3.26	4.07	
٠	Healthcare	9.45	9.68	5.74	
•	Utilities	3.74	3.71	2.91	

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Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ State Street Corporation Short Term Investment Fund	0.77	0.77	-	_
⊕ E-Mini Russ 2000 Jun24 Xcme 20240621	0.75	1.52	_	-
Chord Energy Corp Ordinary Shares - New	0.55	2.07	_	Energy
⊕ Permian Resources Corp Class A	0.52	2.59	-	Energy
⊖ Commercial Metals Co	0.51	3.10	-	Basic Materials
	0.49	3.59	_	Energy
SouthState Corp	0.48	4.07	-	Financial Services
Taylor Morrison Home Corp	0.48	4.55	_	Consumer Cyclical
Meritage Homes Corp	0.47	5.02	-	Consumer Cyclical
→ PBF Energy Inc Class A	0.47	5.49	-	Energy
UFP Industries Inc	0.47	5.95	_	Basic Materials
Essent Group Ltd	0.47	6.42	_	Financial Services
Matador Resources Co	0.47	6.88	_	Energy
Boise Cascade Co	0.46	7.34	_	Basic Materials
Civitas Resources Inc Ordinary Shares	0.46	7.80	_	Energy

Total Holdings 1392



## Vanguard 500 Index Admiral VFIAX

## Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

### Portfolio Manager(s)

Michelle Louie since 11-2017 Nick Birkett since 08-2023 Aaron Choi since 08-2023

#### **Quantitative Screens**

- Q 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 6.34 years.
- Net Expense: The fund's expense ratio of 0.04 is 94.67% 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	03-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

#### Growth of \$10,000





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			
	Fund vs.	Fund vs.	
(	ategory	Peer Group	
	6	34	Percentile
11	01/1663	178/526	Rank

3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	-0.04	_	-0.96
Beta	1.00	_	0.94
R-Squared	100.00	_	94.59
Standard Deviation	17.60	17.60	16.99
Sharpe Ratio	0.54	0.54	0.45
Tracking Error	0.00	_	3.62
Information Ratio	-11.57	_	-1.36
Up Capture Ratio	99.91	_	92.17
Down Capture Ratio	100.07	_	96.02

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	25.56	24.84	24.56
Price/Book Ratio	4.49	4.36	5.06
Geom Avg Mkt Cap \$B	274.60	270.11	347.16
ROE	32.24	32.68	33.81





# Vanguard 500 Index Admiral VFIAX

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

**Morningstar Category** 

Large Blend

### Style Analysis as of 03-31-2024

Morningstar Style Box™



### Asset Allocation as of 03-31-2024



Total	100.00	100.00
Other	0.00	1.06
Cash	0.15	1.49
Bonds	0.00	-0.24
Non-US Stocks	0.57	2.49
US Stocks	99.28	95.21
Asset Class	Net %	Cat%

Sector Weighting as of 03-3	31-2024			
	Fund	Bmark	Cat	Fund • Benchmark 🛘 Category Average
⊌ Cyclical	27.59	27.72	28.44	
Basic Materials	2.15	2.09	2.73	
Consumer Cyclical	10.51	10.79	10.24	
Financial Services	12.66	12.53	13.45	
Real Estate	2.27	2.31	2.02	
✓ Sensitive	51.81	51.66	50.43	
Communication Services	8.95	8.89	8.25	
Energy	3.96	3.71	3.88	
Industrials	8.30	8.23	10.15	
Technology	30.60	30.83	28.15	
→ Defensive	20.59	20.62	21.13	
Consumer Defensive	5.93	5.93	6.00	
Healthcare	12.46	12.56	13.11	
Utilities	2.20	2.13	2.02	
				0% 5 10 15 20 25 30 35 40 45 50

### Style Breakdown

Equity

16	31	34	Large
6	9	3	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

<b>Top 15 Holdings</b> as of 03-31-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Microsoft Corp	7.09	7.09	_	Technology
Apple Inc	5.64	12.73	_	Technology
NVIDIA Corp	5.06	17.79	_	Technology
⊕ Amazon.com Inc	3.74	21.52	_	Consumer Cyclical
⊕ Meta Platforms Inc Class A	2.42	23.95	-	Communication Svc
⊕ Alphabet Inc Class A	2.02	25.96	_	Communication Svc
⊕ Berkshire Hathaway Inc Class B	1.73	27.70	_	Financial Services
	1.70	29.40	_	Communication Svc
⊕ Eli Lilly and Co	1.41	30.80	_	Healthcare
⊕ Broadcom Inc	1.32	32.13	-	Technology
⊕ JPMorgan Chase & Co	1.31	33.44	_	Financial Services
⊕ Tesla Inc	1.10	34.54	-29.25	Consumer Cyclical
⊕ Exxon Mobil Corp	1.05	35.59	_	Energy
⊕ UnitedHealth Group Inc	1.04	36.63	_	Healthcare
⊕ Visa Inc Class A	0.99	37.62	_	Financial Services

Total Holdings 508



## Vanguard Developed Markets Index Admiral VTMGX

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

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 11.11 years.

 Net Expense: The fund's expense ratio of 0.07 is 91.95% 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	03-31-2024
Carbon Risk Score	Low Risk	12-31-2022
FSG Commitment	1-l ow	02-15-2022

#### Growth of \$10,000







3-Year KISK Welrics			
	Fund	Bmark	Cat
Alpha	1.96	_	0.84
Beta	1.07	_	1.01
R-Squared	97.03	_	93.34
Standard Deviation	17.90	16.42	17.25
Sharpe Ratio	0.14	0.02	0.07
Tracking Error	3.32	_	4.44
Information Ratio	0.61	_	0.22
Up Capture Ratio	114.56	_	105.47
Down Capture Ratio	106.51	-	102.40

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.54	15.34	15.88
Price/Book Ratio	1.71	1.81	1.94
Geom Avg Mkt Cap \$B	34.22	49.00	59.06
ROE	16.63	17.61	19.98



# Vanguard Developed Markets Index Admiral VTMGX

## **Morningstar Category**Foreign Large Blend

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

### Style Analysis as of 03-31-2024

Morningstar Style Box™



### Style Breakdown

Equity

23	26	28	Luigo
5	8	5	18110
1	2	1	OII GII

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

#### Asset Allocation as of 03-31-2024



Asset Class	Net %	Cat%
US Stocks	1.22	3.59
Non-US Stocks	96.62	93.96
Bonds	0.00	0.67
Cash	1.99	0.52
Other	0.18	1.26
Total	100.00	100.00

Cyclical		Bmark	Cat	Func	1 '	Bench	mark	Categ	IOLA HAR	aye			_
-,	41.29	41.78	38.83		•	_							_
Basic Materials	7.46	7.41	6.67										
Consumer Cyclical	11.23	11.28	11.44										
Financial Services	19.35	21.05	19.00				:						
Real Estate	3.25	2.04	1.72										
Sensitive	38.34	38.74	38.99										
Communication Services	4.04	5.46	4.66		<b>=</b> [								
Energy	5.28	5.66	4.87										
Industrials	17.43	13.71	16.79		-		0						
Technology	11.59	13.91	12.67				]						
Defensive	20.38	19.49	22.19			_	•	<u> </u>					
Consumer Defensive	7.13	7.32	8.38										
Healthcare	10.55	9.36	11.43										
Utilities	2.70	2.81	2.38		'								
	Financial Services Real Estate  Sensitive Communication Services Energy Industrials Technology  Defensive Consumer Defensive Healthcare	Financial Services       19.35         Real Estate       3.25         Sensitive       38.34         Communication Services       4.04         Energy       5.28         Industrials       17.43         Technology       11.59         Defensive       20.38         Consumer Defensive       7.13         Healthcare       10.55	Financial Services         19.35         21.05           Real Estate         3.25         2.04           Sensitive         38.34         38.74           Communication Services         4.04         5.46           Energy         5.28         5.66           Industrials         17.43         13.71           Technology         11.59         13.91           Defensive         20.38         19.49           Consumer Defensive         7.13         7.32           Healthcare         10.55         9.36	Financial Services         19.35         21.05         19.00           Real Estate         3.25         2.04         1.72           Sensitive         38.34         38.74         38.99           Communication Services         4.04         5.46         4.66           Energy         5.28         5.66         4.87           Industrials         17.43         13.71         16.79           Technology         11.59         13.91         12.67           Defensive         20.38         19.49         22.19           Consumer Defensive         7.13         7.32         8.38           Healthcare         10.55         9.36         11.43	Financial Services         19.35         21.05         19.00           Real Estate         3.25         2.04         1.72           Sensitive         38.34         38.74         38.99           Communication Services         4.04         5.46         4.66           Energy         5.28         5.66         4.87           Industrials         17.43         13.71         16.79           Technology         11.59         13.91         12.67           Defensive         20.38         19.49         22.19           Consumer Defensive         7.13         7.32         8.38           Healthcare         10.55         9.36         11.43	Financial Services 19.35 21.05 19.00  Real Estate 3.25 2.04 1.72  Sensitive 38.34 38.74 38.99  Communication Services 4.04 5.46 4.66  Energy 5.28 5.66 4.87  Industrials 17.43 13.71 16.79  Technology 11.59 13.91 12.67  Defensive 20.38 19.49 22.19  Consumer Defensive 7.13 7.32 8.38  Healthcare 10.55 9.36 11.43  Utilities 2.70 2.81 2.38	Financial Services 19.35 21.05 19.00  Real Estate 3.25 2.04 1.72  Sensitive 38.34 38.74 38.99  Communication Services 4.04 5.46 4.66  Energy 5.28 5.66 4.87  Industrials 17.43 13.71 16.79  Technology 11.59 13.91 12.67  Defensive 20.38 19.49 22.19  Consumer Defensive 7.13 7.32 8.38  Healthcare 10.55 9.36 11.43  Utilities 2.70 2.81 2.38	Financial Services 19.35 21.05 19.00  Real Estate 3.25 2.04 1.72  Sensitive 38.34 38.74 38.99  Communication Services 4.04 5.46 4.66  Energy 5.28 5.66 4.87  Industrials 17.43 13.71 16.79  Technology 11.59 13.91 12.67  Defensive 20.38 19.49 22.19  Consumer Defensive 7.13 7.32 8.38  Healthcare 10.55 9.36 11.43  Utilities 2.70 2.81 2.38	Financial Services 19.35 21.05 19.00  Real Estate 3.25 2.04 1.72  Sensitive 38.34 38.74 38.99  Communication Services 4.04 5.46 4.66  Energy 5.28 5.66 4.87  Industrials 17.43 13.71 16.79  Technology 11.59 13.91 12.67  Defensive 20.38 19.49 22.19  Consumer Defensive 7.13 7.32 8.38  Healthcare 10.55 9.36 11.43  Utilities 2.70 2.81 2.38	Financial Services 19.35 21.05 19.00  Real Estate 3.25 2.04 1.72  Sensitive 38.34 38.74 38.99  Communication Services 4.04 5.46 4.66  Energy 5.28 5.66 4.87  Industrials 17.43 13.71 16.79  Technology 11.59 13.91 12.67  Defensive 20.38 19.49 22.19  Consumer Defensive 7.13 7.32 8.38  Healthcare 10.55 9.36 11.43  Utilities 2.70 2.81 2.38	Financial Services 19.35 21.05 19.00  Real Estate 3.25 2.04 1.72  Sensitive 38.34 38.74 38.99  Communication Services 4.04 5.46 4.66  Energy 5.28 5.66 4.87  Industrials 17.43 13.71 16.79  Technology 11.59 13.91 12.67  Defensive 20.38 19.49 22.19  Consumer Defensive 7.13 7.32 8.38  Healthcare 10.55 9.36 11.43  Utilities 2.70 2.81 2.38	Financial Services 19.35 21.05 19.00  Real Estate 3.25 2.04 1.72  Sensitive 38.34 38.74 38.99  Communication Services 4.04 5.46 4.66  Energy 5.28 5.66 4.87  Industrials 17.43 13.71 16.79  Technology 11.59 13.91 12.67  Defensive 20.38 19.49 22.19  Consumer Defensive 7.13 7.32 8.38  Healthcare 10.55 9.36 11.43  Utilities 2.70 2.81 2.38	Financial Services 19.35 21.05 19.00  Real Estate 3.25 2.04 1.72  Sensitive 38.34 38.74 38.99  Communication Services 4.04 5.46 4.66  Energy 5.28 5.66 4.87  Industrials 17.43 13.71 16.79  Technology 11.59 13.91 12.67  Defensive 20.38 19.49 22.19  Consumer Defensive 7.13 7.32 8.38  Healthcare 10.55 9.36 11.43  Utilities 2.70 2.81 2.38

### World Regions % Equity 03-31-2024



Greater Asia	Fund % 36.14	Cat % 34.61	
Japan	22.07	19.30	
Australasia	6.73	4.69	
Asia-4 Tigers	7.17	6.32	
Asia-ex 4 Tigers	0.17	4.30	
Not Classified	0.00	0.00	

Americas	Fund % 10.40	Cat % 8.86	Greater Europe	Fund % 53.46	Cat % 56.52	Market Maturity	Fund %
North America	10.38	7.63	United Kingdom	11.56	13.36	Developed Markets	99.42
Central/Latin	0.02	1.23	W euro-ex UK	40.93	42.23	<b>Emerging Markets</b>	0.58
			Emrgng Europe	0.37	0.09	Not Available	0.00
			Africa	0.60	0.84		

<b>Top 10 Holdings</b> as of 03-31-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	1.70	1.70	-	Healthcare
⊕ ASML Holding NV	1.64	3.33	_	Technology
	1.52	4.85	_	-
⊕ Toyota Motor Corp	1.29	6.14	_	Consumer Cyclical
Samsung Electronics Co Ltd	1.22	7.37	_	Technology
	1.21	8.58	_	Consumer Defensive
⊕ Lvmh Moet Hennessy Louis Vuitton SE	0.95	9.53	_	Consumer Cyclical
Shell PLC	0.92	10.46	_	Energy
⊕ SAP SE	0.91	11.37	_	Technology
⊕ Novartis AG Registered Shares	0.86	12.23	-	Healthcare

### Total Holdings 4059

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



## Vanguard Dividend Growth Inv VDIGX

#### **Morningstar Category** Large Blend

Morningstar Index S&P 500 TR USD

### Portfolio Manager(s)

Peter Fisher since 07-2022

#### **Quantitative Screens**

Performance: The fund has finished in the Large Blend category's top three quartiles in 7 of the 10 years it's been

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

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

Net Expense: The fund's expense ratio of 0.3 is 60% lower than the Large Blend category average.

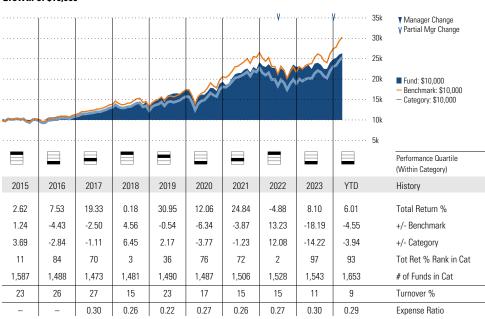
#### **Morningstar Investment Management LLC Analysis**

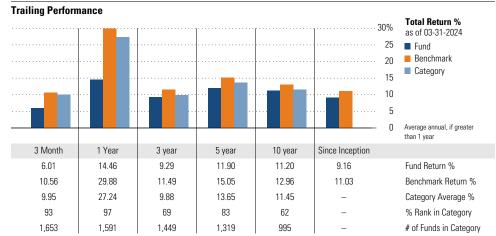
The fund fails the manager tenure screen due to a late-2023 departure. However, the new lead manager has been transitioning into the lead position over the past two years and pursues the fund's long-running strategy.

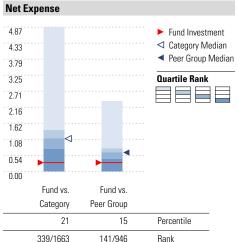
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	03-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	02-15-2022

## Growth of \$10,000







3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	0.75	_	-0.96
Beta	0.74	_	0.94
R-Squared	81.15	-	94.59
Standard Deviation	14.39	17.60	16.99
Sharpe Ratio	0.49	0.54	0.45
Tracking Error	7.78	-	3.62
Information Ratio	-0.28	-	-1.36
Up Capture Ratio	73.91	-	92.17
Down Capture Ratio	70.98	-	96.02

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	27.45	24.84	24.56
Price/Book Ratio	6.48	4.36	5.06
Geom Avg Mkt Cap \$B	187.47	270.11	347.16
ROE	35.22	32.68	33.81



# Vanguard Dividend Growth Inv VDIGX

#### **Morningstar Category** Large Blend

Morningstar Index

S&P 500 TR USD

### Style Analysis as of 03-31-2024

Morningstar Style Box™



### Style Breakdown

Equity

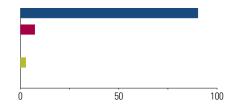
11	71	17	Large
0	1	0	MIG
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

#### Asset Allocation as of 03-31-2024



Total	100.00	100.00
Other	0.00	1.06
Cash	2.60	1.49
Bonds	0.00	-0.24
Non-US Stocks	7.18	2.49
US Stocks	90.22	95.21
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	d	▼ Be	nchma	rk [	Cated	gory Av	erage				
Դ	Cyclical	34.29	27.72	28.44												
A	Basic Materials	5.67	2.09	2.73												
A	Consumer Cyclical	10.03	10.79	10.24												
æ	Financial Services	15.54	12.53	13.45												
ŵ	Real Estate	3.05	2.31	2.02												
W	Sensitive	31.47	51.66	50.43											- []	_
	Communication Services	0.00	8.89	8.25												
ð	Energy	0.00	3.71	3.88												
<b>O</b>	Industrials	20.34	8.23	10.15												
	Technology	11.13	30.83	28.15												
<b>-</b>	Defensive	34.24	20.62	21.13												
Ħ	Consumer Defensive	15.09	5.93	6.00												
+	Healthcare	19.15	12.56	13.11			<u>:</u>									
•	Utilities	0.00	2.13	2.02	[											
					0%	5	10	15	20	25	30	35	40	45	50	55

<b>Top 15 Holdings</b> as of 03-31-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	4.47	4.47	_	Technology
Stryker Corp	3.67	8.13	_	Healthcare
⊕ Danaher Corp	3.25	11.38	_	Healthcare
─ UnitedHealth Group Inc	3.21	14.59	_	Healthcare
⊖ Linde PLC	3.14	17.73	-	Basic Materials
	3.13	20.86	_	Financial Services
○ Colgate-Palmolive Co	3.01	23.87	_	Consumer Defensive
	3.01	26.88	_	Financial Services
─ TJX Companies Inc	2.97	29.85	_	Consumer Cyclical
	2.93	32.78	_	Financial Services
⊖ Honeywell International Inc	2.91	35.69	_	Industrials
	2.82	38.50	_	Technology
○ Northrop Grumman Corp	2.78	41.28	_	Industrials
Marsh & McLennan Companies Inc	2.76	44.04	_	Financial Services
Procter & Gamble Co	2.68	46.72	_	Consumer Defensive

**Total Holdings** 51



# 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 13.85 years.
- × Style: The fund has landed in its primary style box Large Value 18.18 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.39 is 59.79% 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	3	03-31-2024
Carbon Risk Score	Medium Risk	12-31-2022

#### Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-1.61	_	0.53
Beta	0.97	_	0.96
R-Squared	91.00	_	87.90
Standard Deviation	17.22	16.86	17.21
Sharpe Ratio	0.08	0.19	0.20
Tracking Error	5.18	_	6.08
Information Ratio	-0.36	_	0.05
Up Capture Ratio	90.78	_	93.74
Down Capture Ratio	97.40	_	91.73

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	14.83	15.76	11.91
Price/Book Ratio	1.75	1.86	1.30
Geom Avg Mkt Cap \$B	34.66	54.55	39.03
ROE	16.74	18.63	14.30



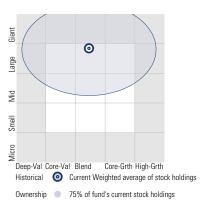
# Vanguard International Value Inv VTRIX

#### **Morningstar Category** Foreign Large Value MSCI EAFE NR USD

## **Morningstar Index**

## Style Analysis as of 03-31-2024

Morningstar Style Box™



## Style Breakdown

Equity

24	24	29	Large
4	13	4	Mid
1	2	0	Small

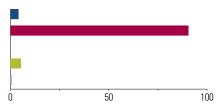
Value Blend Growth

Weight %

>50 25-50 10-25 0-10



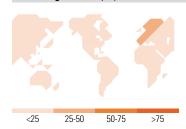
Asset Allocation as of 03-31-2024



Total	100.00	100.00
Other	0.44	0.71
Cash	5.16	1.00
Bonds	0.00	0.17
Non-US Stocks	90.44	95.22
US Stocks	3.97	2.89
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 03-3	31-2024			
		Fund	Bmark	Cat	Fund Benchmark Category Average
<sub>Մ</sub>	Cyclical	44.19	40.16	43.05	
A	Basic Materials	10.19	7.12	8.26	
<b>A</b>	Consumer Cyclical	15.44	11.76	11.10	
÷	Financial Services	17.83	18.84	22.52	
<b>fi</b>	Real Estate	0.73	2.44	1.17	
W#	Sensitive	40.34	35.50	35.96	
	Communication Services	4.26	4.41	5.06	
ð	Energy	4.62	4.19	8.36	
Ф	Industrials	20.19	16.71	15.18	
	Technology	11.27	10.19	7.36	
<b>→</b>	Defensive	15.47	24.34	20.99	
=	Consumer Defensive	5.68	8.56	7.99	
+	Healthcare	8.74	12.89	9.19	<b>1</b>
•	Utilities	1.05	2.89	3.81	
					0% 5 10 15 20 25 30 35 40 4

### World Regions % Equity 03-31-2024



Greater Asia	Fund % 36.65	Cat % 30.37
Japan	12.38	17.25
Australasia	1.02	3.33
Asia-4 Tigers	10.66	7.19
Asia-ex 4 Tigers	12.59	2.60
Not Classified	0.00	0.00

Americas	Fund % 12.10	Cat % 8.65	Greater Europe	Fund % 51.25	Cat % 60.98	Market Maturity	Fund %
North America	6.95	7.54	United Kingdom	16.09	18.05	Developed Markets	81.96
Central/Latin	5.15	1.11	W euro-ex UK	34.86	42.17	<b>Emerging Markets</b>	18.04
			Emrgng Europe Africa	0.00 0.30	0.14 0.62	Not Available	0.00

<b>Top 10 Holdings</b> as of 03-31-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Mktliq 12/31/2049	3.85	3.85	_	_
Taiwan Semiconductor Manufacturing Co Ltd	1.98	5.82	_	Technology
	1.83	7.66	_	Industrials
⊕ Tencent Holdings Ltd	1.77	9.43	_	Communication Svc
	1.45	10.88	_	Industrials
⊕ Roche Holding AG	1.32	12.20	_	Healthcare
	1.32	13.51	_	Consumer Cyclical
⊕ BP PLC	1.25	14.77	_	Energy
RELX PLC	1.13	15.90	_	Industrials
SAP SE	1.08	16.98	-	Technology

### Total Holdings 262



# Vanguard LifeStrategy Cnsrv Gr Inv VSCGX

Morningstar Category Moderately Conservative Morningstar Index

Morningstar US Mod Con Tgt Alloc NR

+/- Benchmark

Tot Ret % Rank in Cat

# of Funds in Cat

+/- Category

Turnover %

Expense Ratio

### Portfolio Manager(s)

Walter Nejman since 02-2022 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Diaz since 02-2023

#### **Quantitative Screens**

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

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

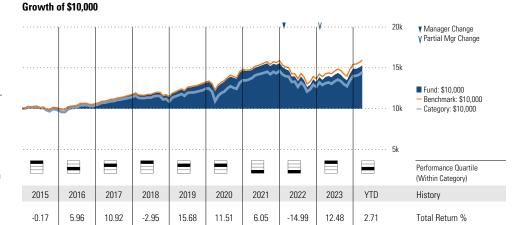
Net Expense: The fund's expense ratio of 0.12 is 86.96% lower than the Moderately Conservative Allocation category average.

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

Although this fund technically fails the manager tenure screen due to changes in how the portfolio management team is listed, in fact the same team that oversees the strategy remains in place.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024
ESG Commitment	1-Low	07-19-2023



-1.14

-2.19

85

520

5

-0.93

-1.68

78

524

21

-0.56

2.05

11

521

4

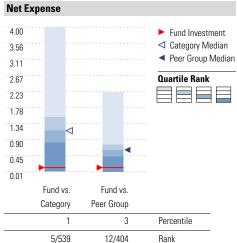
-0.65

-0.53

66

541





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

	Fund	Bmark	Cat
Alpha	-1.09	-	-0.47
Beta	1.03	-	0.97
R-Squared	99.41	-	94.48
Standard Deviation	10.14	9.86	9.87
Sharpe Ratio	-0.11	-0.01	-0.08
Tracking Error	0.82	-	2.31
Information Ratio	-1.30	-	-0.42
Up Capture Ratio	98.58	-	96.87
Down Capture Ratio	106.44	-	100.68

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.72	21.11	21.62
Price/Book Ratio	2.62	3.00	3.24
Avg Eff Duration	6.45	5.80	5.16



-0.62

2.15

12

593

16

0.19

-0.66

54

567

9

0.41

1.06

30

548

6

-0.54

2.09

14

563

11

-0.21

0.87

36

547

9

0.00

2.65

27

513

23



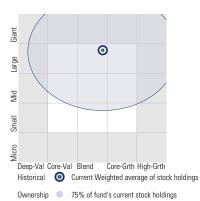
# Vanguard LifeStrategy Cnsrv Gr Inv VSCGX

Morningstar Category Moderately Conservative Morningstar Index Morningstar US Mod Con Tgt Alloc NR

Allocation

## Style Analysis as of 03-31-2024

Morningstar Style Box™

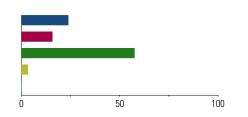


## Style Breakdown

Equity				Fixed I	ncome		Quality
17	27	30	Large				High
5	9	5	Mid				Mid
2	3	2	Small				Low
Value	Blend	Growth		Ltd Duratio	Mod on	Ext	

>50 25-50 10-25 0-10

Asset Allocation as of 03-31-2024



Total	100.00	100.00
Other	0.05	4.56
Cash	3.15	6.16
Bonds	57.44	55.50
Non-US Stocks	15.64	7.06
US Stocks	23.71	26.72
Asset Class	Net %	Cat%

	Fund	Bmark	Cat	Fund	i	▼ Benc	hmark	[] Ca	ategory	Avera	ge
Cyclical	34.02	32.43	32.74								
Basic Materials	4.46	3.87	3.52		(1						
Consumer Cyclical	10.88	10.90	9.56				1				
Financial Services	15.75	14.92	14.06								
Real Estate	2.93	2.74	5.60								
Sensitive	46.40	47.61	44.85								
Communication Service	s 6.98	7.37	6.58								
Energy	4.61	4.49	5.26								
Industrials	11.80	11.27	10.77								
Technology	23.01	24.48	22.24								
Defensive	19.59	19.97	22.41						]		
Consumer Defensive	6.09	6.14	6.50								
Healthcare	11.03	11.44	12.65								
Utilities	2.47	2.39	3.26		]						

Top 6 Holdings as of 03-31-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Bond Market II ldx Inv	_	41.44	41.44	_	_
⇒ Vanguard Total Stock Mkt Idx Inv	-	23.78	65.22	_	-
◆ Vanguard Total Intl Bd II Idx Investor	-	17.86	83.07	_	_
Ovanguard Total Intl Stock Index Inv	_	16.13	99.21	_	_
⊕ Mktliq 12/31/2049	_	0.79	100.00	_	_
⊖ Us Dollar	_	0.00	100.00	_	_

#### Total Holdings 6



# Vanguard LifeStrategy Growth Inv VASGX

Morningstar Category Moderately Aggressive

Morning

Morningstar US Mod Agg Tgt Alloc NR

Morningstar Index

#### Allocation

# <del>\_\_\_\_\_</del> \_\_\_\_

#### Portfolio Manager(s)

Walter Nejman since 02-2022 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Diaz since 02-2023

#### **Quantitative Screens**

Q Performance: The fund has finished in the Moderately Aggressive Allocation 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.

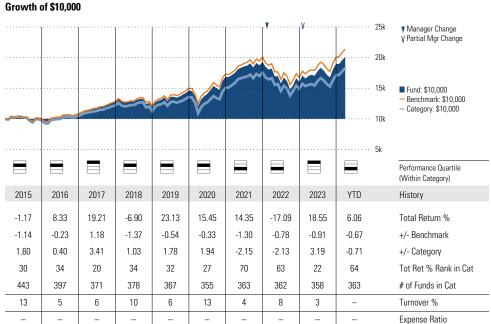
Net Expense: The fund's expense ratio of 0.14 is
 85.57% lower than the Moderately Aggressive Allocation category average.

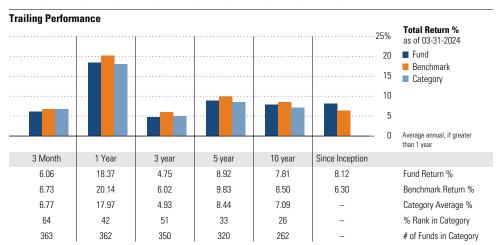
#### **Morningstar Investment Management LLC Analysis**

Although this fund technically fails the manager tenure screen due to changes in how the portfolio management team is listed, in fact the same team that oversees the strategy remains in place.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024
ESG Commitment	1-Low	07-19-2023
Carbon Risk Score	Low Risk	12-31-2022





3-Year Risk Metrics

Net Expe	ense		
5.91			► Fund Investment
5.25			Category Median
4.60			<ul> <li>Peer Group Median</li> </ul>
3.94			Quartile Rank
3.28			
2.63			
1.97			
1.31	⊲		
0.66			
0.00			
1	Fund vs.	Fund vs.	
C	ategory	Peer Group	
	1	4	Percentile
	4/365	11/297	Rank

	Fund	Bmark	Cat
Alpha	-1.32	_	-0.98
Beta	1.02	-	0.98
R-Squared	99.30	_	94.56
Standard Deviation	14.51	14.11	14.25
Sharpe Ratio	0.19	0.28	0.20
Tracking Error	1.26	_	2.98
nformation Ratio	-1.00	_	-0.61
Jp Capture Ratio	99.32	_	96.50
Down Capture Ratio	105.79	-	101.82

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.80	21.28	21.25
Price/Book Ratio	2.64	3.05	3.04
Avg Eff Duration	6.45	5.80	5.08



# Vanguard LifeStrategy Growth Inv VASGX

Morningstar Category Moderately Aggressive

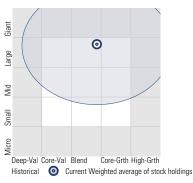
Allocation

**Morningstar Index** 

Morningstar US Mod Agg Tgt Alloc NR

### Style Analysis as of 03-31-2024

Morningstar Style Box™



# Ownership 75% of fund's current stock holdings

Fixed Income

Ltd

Mod Duration

Quality High

Mid

Low

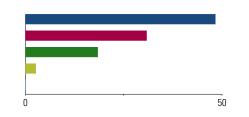
#### Style Breakdown

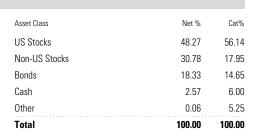
Equity 17 30 5 5 9





## Asset Allocation as of 03-31-2024





		Fund	Bmark	Cat	Fun	4	▼ Bend	hmarl	n	ategory	Avers	ar			
ղ.	Cyclical	33.90	32.20	32.49	Tull	1	Deni	JIIIIair		ategory	Avera	)			
<u>.</u>	Basic Materials	4.43	3.79	4.39		7									
<b>—</b>	Consumer Cyclical	10.88	10.89	10.39		-"-									
æ	Financial Services	15.67	14.79	14.42											
ŵ	Real Estate	2.92	2.73	3.29											
W#	Sensitive	46.49	47.89	47.34											
	Communication Services	7.01	7.45	8.18											
ð	Energy	4.60	4.47	4.51											
Ф	Industrials	11.74	11.13	11.74						1					
	Technology	23.14	24.84	22.91						0					
<b>→</b>	Defensive	19.60	19.92	20.17											
	Consumer Defensive	6.07	6.11	6.07											
٠	Healthcare	11.07	11.44	11.80											
•	Utilities	2.46	2.37	2.30											
					0%	5	10	15	20	25	30	35	40	45	50

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
O Vanguard Total Stock Mkt Idx Inv	_	48.43	48.43	_	_
⊕ Vanguard Total Intl Stock Index Inv	-	31.73	80.16	_	_
⊕ Vanguard Total Bond Market II ldx Inv	-	13.17	93.33	_	_
⊕ Vanguard Total Intl Bd II ldx Investor	-	5.75	99.08	_	_
⊕ Mktliq 12/31/2049	-	0.93	100.01	-	_
⊕ Us Dollar	_	0.01	100.01	_	_

Total Holdings 6



# Vanguard LifeStrategy Income Inv VASIX

Morningstar Category
Conservative Allocation

Morningstar Index

Morningstar US Con Tgt Alloc NR USD

### Portfolio Manager(s)

Walter Nejman since 02-2022 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Diaz since 02-2023

#### **Quantitative Screens**

- Performance: The fund has finished in the Conservative Allocation category's top three quartiles in 8 of the 10 years it's been in existence.
- × Management: The fund's management team has been in place for less than three years.
- Net Expense: The fund's expense ratio of 0.11 is 88.78% lower than the Conservative Allocation category average.

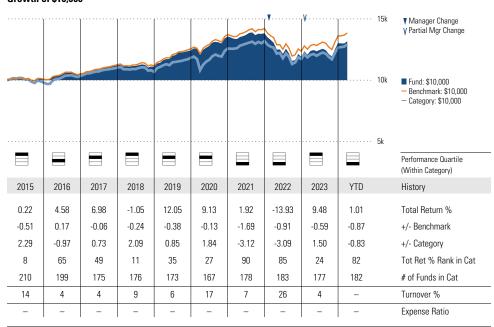
#### **Morningstar Investment Management LLC Analysis**

Although this fund technically fails the manager tenure screen due to changes in how the portfolio management team is listed, in fact the same team that oversees the strategy remains in place.

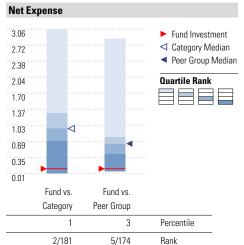
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	03-31-2024
ESG Commitment	1-Low	07-19-2023

#### 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 KISK Wetrics			
	Fund	Bmark	Cat
Alpha	-1.16	_	-0.30
Beta	1.02	_	0.96
R-Squared	98.99	-	93.78
Standard Deviation	8.20	8.02	7.98
Sharpe Ratio	-0.38	-0.24	-0.29
Tracking Error	0.84	-	2.13
Information Ratio	-1.39	-	-0.28
Up Capture Ratio	94.25	-	96.13
Down Capture Ratio	104.79	-	99.16

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.66	21.34	22.08
Price/Book Ratio	2.60	3.06	3.24
Avg Eff Duration	6.45	5.80	5.48



# Vanguard LifeStrategy Income Inv VASIX

#### **Morningstar Category Morningstar Index** Conservative Allocation

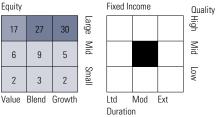
Morningstar US Con Tgt Alloc NR USD

## Style Analysis as of 03-31-2024

Morningstar Style Box™

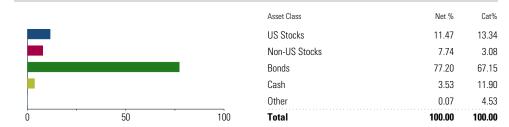


## Style Breakdown



Weight %

>50 25-50 10-25 0-10



		Fund	Bmark	Cat	Fund	▼ E	Benchmar	k [] Ca	ategory	Avera	ge	
Ն	Cyclical	34.06	32.18	30.97								
A.	Basic Materials	4.49	3.76	3.14								
<b>A</b>	Consumer Cyclical	10.90	10.87	9.20								
÷	Financial Services	15.75	14.80	13.97								
th.	Real Estate	2.92	2.75	4.66								
M	Sensitive	46.37	47.86	47.38								
	Communication Services	6.99	7.42	7.16		_[						
ð	Energy	4.64	4.45	4.71			_					
¢	Industrials	11.84	11.14	10.83								
	Technology	22.90	24.85	24.68					• [			
<b>→</b>	Defensive	19.56	19.95	21.66		_						
=	Consumer Defensive	6.10	6.11	6.93		<b>=</b> []	_					
٠	Healthcare	11.01	11.48	12.17			<b>[</b> ]					
•	Utilities	2.45	2.36	2.56								

<b>Top 6 Holdings</b> as of 03-31-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
○ Vanguard Total Bond Market II Idx Inv	_	55.72	55.72	_	_
○ Vanguard Total Intl Bd II Idx Investor	-	23.97	79.69	_	-
○ Vanguard Total Stock Mkt Idx Inv	-	11.50	91.19	_	-
○ Vanguard Total Intl Stock Index Inv	-	8.00	99.18	_	_
⊕ Mktliq 12/31/2049	-	0.78	99.96	-	-
① Us Dollar	-	0.04	100.00	-	-

Asset Allocation as of 03-31-2024

Total Holdings 6

# Vanguard LifeStrategy Mod Gr Inv Shrs VSMGX

Morningstar Category Moderate Allocation Morningstar Index

Morningstar US Mod Tgt Alloc NR USD

#### Portfolio Manager(s)

Walter Nejman since 02-2022 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Diaz since 02-2023

#### **Quantitative Screens**

- Performance: The fund has finished in the Moderate Allocation category's top three quartiles in 9 of the 10 years it's been in existence.
- × *Management:* The fund's management team has been in place for less than three years.
- Net Expense: The fund's expense ratio of 0.13 is 87% lower than the Moderate Allocation category average.

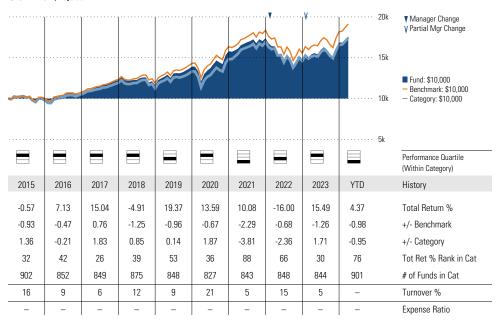
#### **Morningstar Investment Management LLC Analysis**

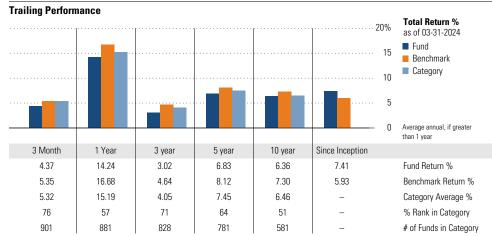
Although this fund technically fails the manager tenure screen due to changes in how the portfolio management team is listed, in fact the same team that oversees the strategy remains in place.

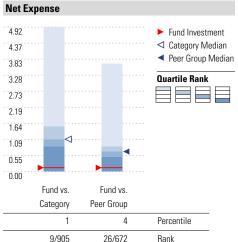
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024
ESG Commitment	1-Low	07-19-2023
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 KISK Welrics			
	Fund	Bmark	Cat
Alpha	-1.56	-	-0.54
Beta	1.00	-	0.98
R-Squared	98.89	-	94.62
Standard Deviation	12.29	12.18	12.27
Sharpe Ratio	0.06	0.19	0.13
Tracking Error	1.29	-	2.71
Information Ratio	-1.25	-	-0.34
Up Capture Ratio	95.54	-	97.53
Down Capture Ratio	104.34	_	101.19

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.73	22.00	22.66
Price/Book Ratio	2.62	3.26	3.50
Avg Eff Duration	6.45	5.80	5.11



# Vanguard LifeStrategy Mod Gr Inv Shrs VSMGX

Quality

High

Mid

Low

**Morningstar Category Morningstar Index** Moderate Allocation

Morningstar US Mod Tgt Alloc NR USD

## Style Analysis as of 03-31-2024

Morningstar Style Box™



Fixed Income

Ltd

Mod Duration

### Style Breakdown

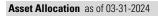
Equity 17 27

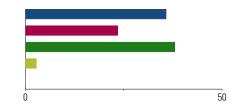


Value Blend Growth



>50 25-50 10-25 0-10





Total	100.00	100 00
Other	0.06	3.13
Cash	2.76	5.55
Bonds	37.98	35.10
Non-US Stocks	23.45	9.69
US Stocks	35.75	46.53
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fun	t	▼ Ben	chmark	. [] Ca	ategory	Avera	ge			
Դ	Cyclical	34.00	31.35	30.65											
A.	Basic Materials	4.47	3.45	3.50											
<b>A</b>	Consumer Cyclical	10.89	10.85	10.48											
<del>,</del>	Financial Services	15.73	14.34	14.43											
fil.	Real Estate	2.91	2.71	2.24		1									
W	Sensitive	46.41	48.67	47.56			_								
	Communication Services	6.99	7.67	7.67											
ð	Energy	4.61	4.38	4.72											
Ф	Industrials	11.78	10.75	10.89											
	Technology	23.03	25.87	24.28						• [ ]					
<b>→</b>	Defensive	19.59	19.97	21.78					[						
	Consumer Defensive	6.08	6.01	5.74											
+	Healthcare	11.04	11.65	13.39											
•	Utilities	2.47	2.31	2.65											
					0%	5	10	15	20	25	30	35	40	45	

<b>Top 6 Holdings</b> as of 03-31-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
O Vanguard Total Stock Mkt Idx Inv	_	35.86	35.86	_	_
⊕ Vanguard Total Bond Market II ldx Inv	_	27.45	63.31	_	_
Ovanguard Total Intl Stock Index Inv	_	24.18	87.50	_	_
⊕ Vanguard Total Intl Bd II ldx Investor	_	11.75	99.25	_	_
⊕ Mktliq 12/31/2049	-	0.74	99.99	-	_
⊕ Us Dollar	_	0.01	100.00	-	_

Total Holdings 6



# Vanguard Mid-Cap Value Index Admiral VMVAX

17

499

20

71

462

20

13

467

17

0.07

45

481

17

0.07

32

454

17

0.07

55

444

39

0.07

# Morningstar Category Mid-Cap Value

Morningstar Index

Russell Mid Cap Value TR USD

#### Portfolio Manager(s)

Awais Khan since 07-2021 Aurélie Denis since 02-2023 Aaron Choi since 08-2023

#### **Quantitative Screens**

✓ Performance: The fund has finished in the Mid-Cap Value category's top three quartiles in 9 of the 10 years it's been in existence.

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

Net Expense: The fund's expense ratio of 0.07 is 92.78% lower than the Mid-Cap Value category average.

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

This fund fails the manager tenure screen. Although the managers on this fund are relatively recent additions, they are experienced at Vanguard, and the team-managed, well-established process of running index funds at Vanguard means that such changes are not concerning.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	03-31-2024
Carbon Risk Score	Medium 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) 2015 2016 2017 2018 2019 2020 2021 2022 2023 YTD History -1.80 15.26 17.04 -12.42 27 99 2.54 28.76 -7 90 9.76 8.12 Total Return % -4.74 2.98 3.70 -0.13 0.93 -2.42 0.42 4.13 -2.95 -0.11 +/- Benchmark -2.80 2.81 -0.09 3.61 3.82 0.44 -0.56 0.12 -4.18 0.37 +/- Category

53

444

17

0.07

47

431

18

0.07

77

426

22

0.07

51

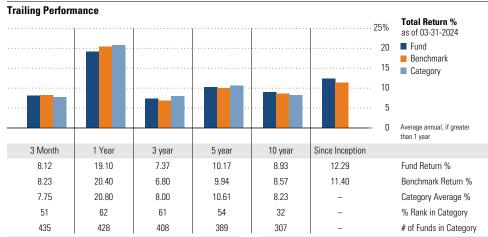
435

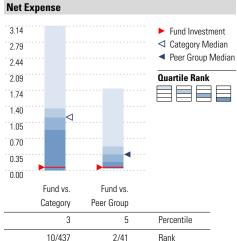
Tot Ret % Rank in Cat

# of Funds in Cat

Turnover %

Expense Ratio





3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.82	_	1.46
Beta	0.95	_	0.94
R-Squared	98.55	_	94.30
Standard Deviation	18.45	19.34	18.78
Sharpe Ratio	0.32	0.28	0.34
Tracking Error	2.45	_	4.69
Information Ratio	0.23	_	0.26
Up Capture Ratio	97.09	_	95.44
Down Capture Ratio	94.44	_	90.32

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	18.54	17.78	16.20
Price/Book Ratio	2.29	2.22	2.02
Geom Avg Mkt Cap \$B	28.43	19.24	15.26
ROE	16.44	14.18	13.61



# Vanguard Mid-Cap Value Index Admiral VMVAX

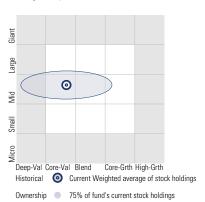
# Morningstar Category Mid-Cap Value

### Morningstar Index

Russell Mid Cap Value TR USD

## Style Analysis as of 03-31-2024

Morningstar Style Box™



## Style Breakdown

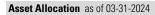
Equity

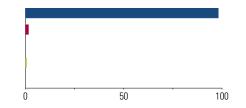
3	2	1	Large
41	51	2	MIG
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	0.24
Cash	0.45	1.99
Bonds	0.00	0.02
Non-US Stocks	1.47	6.97
US Stocks	98.08	90.79
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	•	Bench	mark	Cateo	gory Ave	erage		_
ŀ	Cyclical	41.65	42.46	41.11									1
ė.	Basic Materials	8.04	6.08	5.43									
Д	Consumer Cyclical	7.43	10.25	11.67			10						
÷	Financial Services	18.16	16.02	17.98				. · ·	0				
à	Real Estate	8.02	10.11	6.03			ı '						
M	Sensitive	31.61	40.50	36.46									
	Communication Services	2.57	3.27	2.94									
ð	Energy	3.53	5.34	5.92					į				
Ф	Industrials	15.98	19.67	17.29									
	Technology	9.53	12.22	10.31				` <u> </u>					
<b>→</b>	Defensive	26.74	17.04	22.43									
=	Consumer Defensive	7.19	3.44	6.54									
٠	Healthcare	8.36	6.71	9.31		- '	<b>[</b> ]						
•	Utilities	11.19	6.89	6.58									

<b>Top 15 Holdings</b> as of 03-31-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	1.57	1.57	27.15	Industrials
	1.31	2.88	11.46	Financial Services
○ Carrier Global Corp Ordinary Shares	1.20	4.08	1.18	Industrials
⊕ D.R. Horton Inc	1.19	5.27	8.47	Consumer Cyclical
	1.18	6.45	14.02	Basic Materials
⊖ United Rentals Inc	1.17	7.62	26.04	Industrials
→ ONEOK Inc	1.13	8.75	15.58	Energy
⇒ Allstate Corp	1.10	9.85	24.25	Financial Services
Digital Realty Trust Inc	1.09	10.93	7.94	Real Estate
⊖ Ferguson PLC	1.07	12.01	13.54	Industrials
⊕ Ameriprise Financial Inc	1.06	13.07	15.79	Financial Services
⇒ Fidelity National Information Services Inc	1.06	14.13	24.09	Technology
⇒ PG&E Corp	1.06	15.19	-6.99	Utilities
→ Prudential Financial Inc	1.02	16.21	14.45	Financial Services
○ Centene Corp	1.02	17.23	5.75	Healthcare

**Total Holdings 198** 



## 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 27.9 years.

Net Expense: The fund's expense ratio of 0.12 is 88.68% 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	03-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

#### Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-2.31	_	-1.78
Beta	1.02	_	0.96
R-Squared	98.78	_	95.06
Standard Deviation	21.76	21.16	20.78
Sharpe Ratio	0.05	0.15	0.06
Tracking Error	2.45	_	4.12
Information Ratio	-0.96	_	-0.55
Up Capture Ratio	98.44	_	92.99
Down Capture Ratio	105.86	_	98.86

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	32.79	38.46	30.40
Price/Book Ratio	2.36	2.42	2.43
Geom Avg Mkt Cap \$B	23.92	9.35	34.75
ROE	12.67	9.56	16.19



# Vanguard Real Estate Index Admiral VGSLX

Asset Allocation as of 03-31-2024

#### **Morningstar Category** Morningstar Index Real Estate

S&P United States REIT TR USD

Style Analysis as of 03-31-2024

Morningstar Style Box™



#### Style Breakdown

Equity

0	16	6	Falge
10	43	6	MIN
6	12	2	ollidii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



	Fund	Bmark	Cat	Fund	•	Benchmark	Category	Average		
⊌ Cyclical	99.25	99.13	99.05							
Basic Materials	0.00	0.00	0.22	Ĭ						
Consumer Cyclical	0.00	0.13	1.92	i <u>o</u>						
Financial Services	0.00	0.00	0.45	Ó						
Real Estate	99.25	99.00	96.46							į
Sensitive	0.75	0.87	0.80	Ó						
Communication Services	0.75	0.00	0.25	İ						
Energy	0.00	0.00	0.06	Ó.						
Industrials	0.00	0.87	0.29	ď						
Technology	0.00	0.00	0.20	İ						
→ Defensive	0.00	0.00	0.16	Ó						
Consumer Defensive	0.00	0.00	0.06	Ú						
Healthcare	0.00	0.00	0.05	į						
Utilities	0.00	0.00	0.05	ĺ						

Top 15 Holdings as of 03-31-2024 Cumulative % YTD Return % Name % Net Asset Morningstar Sector Vanguard Real Estate II Index 13.03 13.03 Prologis Inc 7.59 20.62 Real Estate American Tower Corp 5.81 26.43 Real Estate Equinix Inc 4.89 31.32 Real Estate ① Simon Property Group Inc Real Estate 3.22 34.54 Welltower Inc 3.15 37.70 Real Estate Public Storage 2.90 40.59 Real Estate ① Crown Castle Inc 2.90 43.49 Real Estate Realty Income Corp 2.84 46.33 Real Estate ① Digital Realty Trust Inc 2.67 49.00 Real Estate ① CoStar Group Inc 2.49 51.48 Real Estate Extra Space Storage Inc 1.96 53.44 Real Estate ① CBRE Group Inc Class A 1.87 55.31 Real Estate VICI Properties Inc Ordinary Shares 1.79 57.10 Real Estate AvalonBay Communities Inc 1.66 58.76 Real Estate

Total Holdings 162



# Vanguard Target Retirement 2020 Fund VTWNX

**Morningstar Category** Target-Date 2020

Morningstar Index Morningstar Lifetime Mod 2020 TR USD

#### Portfolio Manager(s)

Walter Nejman since 02-2013 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Diaz 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 been in existence.

Management: The fund's management has been in place for 11.11 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 86.21% lower than the Target-Date 2020 category average.

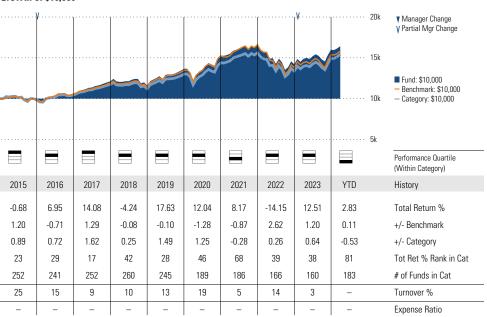
#### **Morningstar Investment Management LLC Analysis**

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.

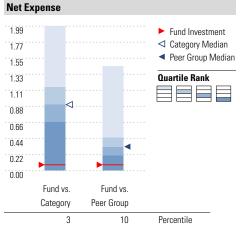
#### **ESG Metrics**

Metric	Rating	Updated		
Sustainability Rating	3	03-31-2024		
ESG Commitment	1-Low	02-15-2022		

# Growth of \$10,000







	5/170	33/330	Rank					
Peer group is a subset of the category and includes funds with the								
same management style (active vs. passive) and similar share class								
characteri	etice							

Rank

3-Year RISK Wetrics			
	Fund	Bmark	Cat
Alpha	0.87	-	0.82
Beta	0.86	-	0.88
R-Squared	98.85	-	98.29
Standard Deviation	10.08	11.68	10.33
Sharpe Ratio	-0.05	-0.09	-0.05
Tracking Error	1.98	-	2.07
Information Ratio	0.40	-	0.39
Up Capture Ratio	89.17	-	90.84
Down Capture Ratio	83.76	-	85.78

Portfolio Metrics									
	Fund	Bmark	Cat						
Price/Earnings Ratio	19.71	19.71	20.66						
Price/Book Ratio	2.62	2.62	2.85						
Avg Eff Duration	5.64	-	5.09						



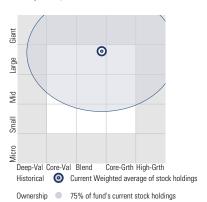
# Vanguard Target Retirement 2020 Fund VTWNX

**Morningstar Category** Target-Date 2020

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

## Style Analysis as of 03-31-2024

Morningstar Style Box™



## Style Breakdown

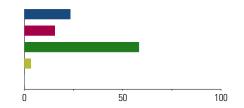
Weight %

Equity				Fixed	Income		Qual
17	27	30	Large				High
5	9	5	Mid				Mid
2	3	2	Small				Low
Value	Blend	Growth		Ltd	Mod	Ext	

Duration

>50 25-50 10-25 0-10

### Asset Allocation as of 03-31-2024



Total	100.00	100.00
Other	0.05	8.34
Cash	3.18	2.34
Bonds	58.16	44.91
Non-US Stocks	15.35	16.09
US Stocks	23.25	28.33
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	•	Bend	hmark	∏ Ca	ateaory	Avera	ae	
وا	Cyclical	34.00	37.13	35.41						,			
÷	Basic Materials	4.47	3.99	4.60									
6	Consumer Cyclical	10.88	10.41	10.74									
ì	Financial Services	15.74	14.66	15.81									
à	Real Estate	2.91	8.07	4.26		'							
ŲF	Sensitive	46.41	43.35	45.56									
	Communication Services	6.99	6.37	6.68	_								
)	Energy	4.62	4.30	4.94									
)	Industrials	11.79	11.30	11.28									
3	Technology	23.01	21.38	22.66						0			
+	Defensive	19.59	19.52	19.03									
Ę	Consumer Defensive	6.08	5.98	5.64		0							
r	Healthcare	11.04	10.97	11.19	_								
1	Utilities	2.47	2.57	2.20									

<b>Top 7 Holdings</b> as of 03-31-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Bond Market II Idx Inv	_	33.26	33.26	_	_
→ Vanguard Total Stock Mkt Idx Instl PIs	_	23.32	56.58	_	_
⇒ Vanguard Total Intl Stock Index Inv	_	15.84	72.41	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	_	14.74	87.15	_	_
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	12.07	99.22	-	-
⊕ Mktliq 12/31/2049	_	0.78	100.00	_	_
⊕ Us Dollar	_	0.00	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)

Walter Nejman since 02-2013 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Diaz 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 been in existence.

Management: The fund's management has been in place for 11.11 years.

Net Expense: The fund's expense ratio of 0.08 is 86.67% lower than the Target-Date 2025 category average.

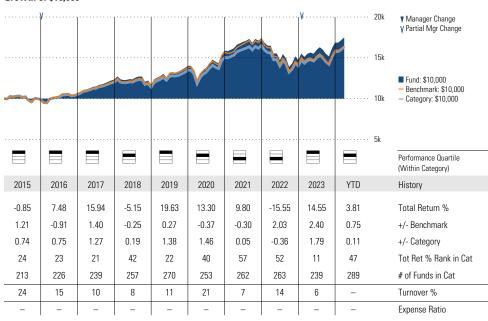
#### **Morningstar Investment Management LLC Analysis**

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.

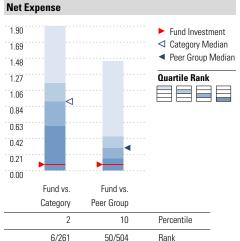
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

#### Growth of \$10,000







3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	1.32	_	0.93
Beta	0.92	_	0.86
R-Squared	98.86	_	98.11
Standard Deviation	11.65	12.58	10.97
Sharpe Ratio	0.03	-0.06	-0.01
Tracking Error	1.59	-	2.31
Information Ratio	0.81	-	0.40
Up Capture Ratio	96.64	_	89.22
Down Capture Ratio	89.18	-	83.93

Portfolio Metrics									
	Fund	Bmark	Cat						
Price/Earnings Ratio	19.74	19.52	20.68						
Price/Book Ratio	2.62	2.58	2.83						
Avg Eff Duration	5.94	-	5.59						

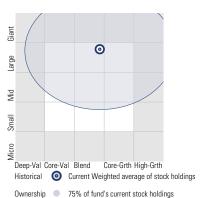


# Vanguard Target Retirement 2025 Fund VTTVX

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

## Style Analysis as of 03-31-2024

Morningstar Style Box™

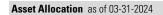


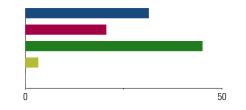
## Style Breakdown

Weight %

Equity				Fixed	Quality		
17	27	30	Large				High
5	9	5	Mid				Mid
2	3	2	Small				Low
Value	Blend	Growth		Ltd Durati	Mod ion	Ext	

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.05	12.23
Cash	3.18	2.13
Bonds	44.98	41.22
Non-US Stocks	20.49	15.31
US Stocks	31.31	29.12
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	,	Bend	chmark	[] Ca	tegory	Averag	ge	
وا	Cyclical	33.97	37.16	35.15									
à.	Basic Materials	4.45	4.09	4.19									
•	Consumer Cyclical	10.88	10.49	10.76				1					
<u></u>	Financial Services	15.72	14.82	15.42									
à	Real Estate	2.92	7.76	4.78			'						
Ųľ	Sensitive	46.43	43.29	45.64									
	Communication Services	6.99	6.34	6.92									
	Energy	4.61	4.33	4.60									
ž	Industrials	11.79	11.42	11.10									
3	Technology	23.04	21.20	23.02						0			
+	Defensive	19.61	19.55	19.22					<b>=</b> []				
Ę	Consumer Defensive	6.08	6.01	5.73		<b>[</b> ]							
r	Healthcare	11.05	10.96	11.10									
1	Utilities	2.48	2.58	2.39									

<b>Top 7 Holdings</b> as of 03-31-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Ovanguard Total Stock Mkt Idx Instl Pls	_	31.40	31.40	_	_
	_	28.35	59.75	-	-
Ovanguard Total Intl Stock Index Inv	_	21.13	80.88	-	-
⊕ Vanguard Total Intl Bd II Idx Insl	_	12.30	93.17	-	-
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	5.80	98.97	-	_
⊕ Mktliq 12/31/2049	_	1.00	99.97	_	_
⊕ Us Dollar	_	0.03	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)

Walter Nejman since 02-2013 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Diaz 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 been in existence.
- Management: The fund's management has been in place for 11.11 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 87.1% lower than the Target-Date 2030 category average.

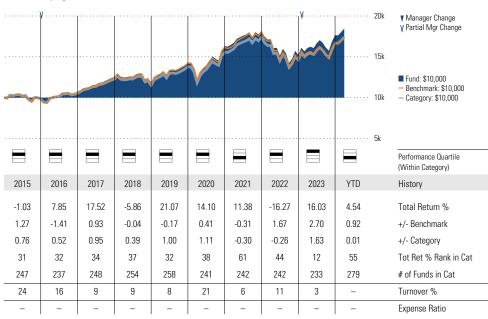
#### **Morningstar Investment Management LLC Analysis**

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.

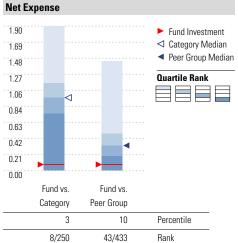
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024
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
characteristics

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.46	_	1.16
Beta	0.94	_	0.90
R-Squared	98.93	_	98.33
Standard Deviation	12.73	13.51	12.26
Sharpe Ratio	0.09	-0.01	0.06
Tracking Error	1.57	_	2.11
Information Ratio	0.91	_	0.55
Up Capture Ratio	98.29	_	93.58
Down Capture Ratio	90.71	_	87.51

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.76	19.33	20.70
Price/Book Ratio	2.63	2.55	2.90
Avg Eff Duration	6.45	-	6.08



8/250

# Vanguard Target Retirement 2030 Fund VTHRX

#### **Morningstar Category** Target-Date 2030

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

### Style Analysis as of 03-31-2024

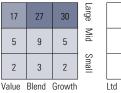
Morningstar Style Box™

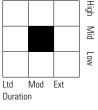


Quality

## Style Breakdown

Equity 30 17 27 5 5 9





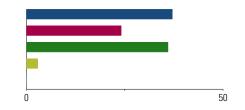
Fixed Income

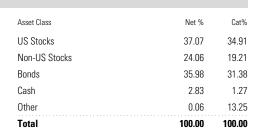
Weight %

2 3

>50 25-50 10-25 0-10

### Asset Allocation as of 03-31-2024





		Fund	Bmark	Cat	Fund	1	▼ Ben	chmark	· I c	atennn	Avera	ne		
<u></u>	Cyclical	33.96	37.10	34.18	Tune	4	Dom	Similar		negory	AVGIU	gc 	-	
	Basic Materials	4.44	4.18	4.31		•								
•	Consumer Cyclical	10.89	10.57	11.00										
<b>_</b>	Financial Services	15.71	15.00	15.74				<b>.</b>						
b	Real Estate	2.92	7.35	3.13		]	'							
MI	Sensitive	46.45	43.31	46.22										
	Communication Services	7.00	6.30	6.90										
•	Energy	4.61	4.37	4.62										
<b>\$</b>	Industrials	11.77	11.58	11.49										
3	Technology	23.07	21.06	23.21										
+	Defensive	19.59	19.60	19.60										
=	Consumer Defensive	6.08	6.04	5.84										
7	Healthcare	11.05	10.96	11.52										
?	Utilities	2.46	2.60	2.24										

<b>Top 6 Holdings</b> as of 03-31-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
O Vanguard Total Stock Mkt Idx Instl Pls	_	37.18	37.18	_	_
⊕ Vanguard Total Bond Market II ldx Inv	-	25.94	63.12	_	_
⊕ Vanguard Total Intl Stock Index Inv	-	24.81	87.93	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	-	11.20	99.13	_	_
⊕ Mktliq 12/31/2049	-	0.88	100.02	_	_
⊕ Us Dollar	_	0.02	100.03	_	_

#### 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-Diaz since 02-2023

#### **Quantitative Screens**

- 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 11.11 years.
- Net Expense: The fund's expense ratio of 0.08 is 86.89% lower than the Target-Date 2035 category average.

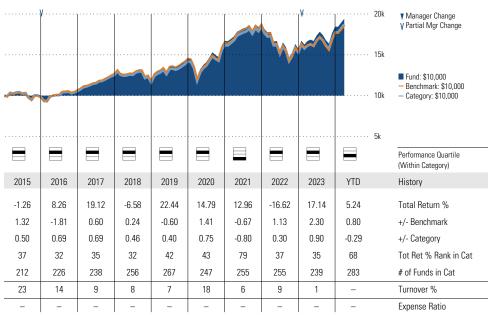
#### **Morningstar Investment Management LLC Analysis**

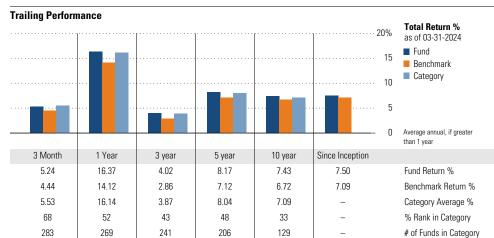
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

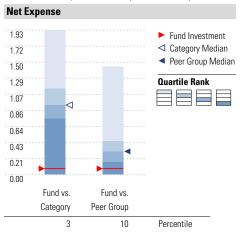
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024
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 characteristics.

50/506

Rank

3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	1.26	_	1.21
Beta	0.93	_	0.93
R-Squared	98.98	_	98.39
Standard Deviation	13.56	14.44	13.59
Sharpe Ratio	0.14	0.06	0.14
Tracking Error	1.67	_	2.03
Information Ratio	0.70	_	0.58
Up Capture Ratio	96.98	_	96.90
Down Capture Ratio	90.93	_	91.12

Portfolio Metrics								
	Fund	Bmark	Cat					
Price/Earnings Ratio	19.85	19.14	20.61					
Price/Book Ratio	2.65	2.51	2.85					
Avg Eff Duration	6.45	_	6.37					



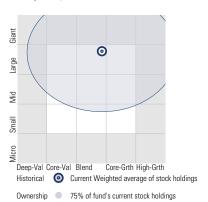
8/257

# **Vanguard Target Retirement 2035 Fund** VTTHX

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

## Style Analysis as of 03-31-2024

Morningstar Style Box™





Equity 30 17 27 5 5 9

2

Weight %

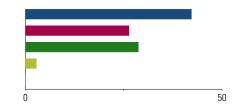


3 Value Blend Growth

2

>50 25-50 10-25 0-10

### Asset Allocation as of 03-31-2024



Total	100.00	100.00
Other	0.06	12.34
Cash	2.75	2.19
Bonds	28.69	22.49
Non-US Stocks	26.31	21.93
US Stocks	42.19	41.05
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 03-	31-2024			
		Fund	Bmark	Cat	Fund Benchmark Category Average
<b>Դ</b>	Cyclical	33.82	37.03	34.35	
Å.	Basic Materials	4.40	4.28	4.20	
A	Consumer Cyclical	10.87	10.67	10.97	
ø	Financial Services	15.64	15.17	15.56	
<b>fi</b>	Real Estate	2.91	6.91	3.62	
W	Sensitive	46.55	43.34	46.03	
d	Communication Services	7.02	6.29	6.94	
ð	Energy	4.59	4.41	4.57	
Ф	Industrials	11.72	11.72	11.34	
	Technology	23.22	20.92	23.18	
<b>-</b>	Defensive	19.62	19.64	19.61	
Ħ	Consumer Defensive	6.07	6.06	5.85	
٠	Healthcare	11.09	10.96	11.37	
•	Utilities	2.46	2.62	2.39	
					0% 5 10 15 20 25 30 35 40 45 5

<b>Top 6 Holdings</b> as of 03-31-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
O Vanguard Total Stock Mkt Idx Instl PIs	_	42.33	42.33	_	_
⊕ Vanguard Total Intl Stock Index Inv	_	27.12	69.45	_	-
⊕ Vanguard Total Bond Market II ldx Inv	-	20.67	90.12	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	_	8.95	99.07	_	_
⊕ Mktliq 12/31/2049	-	0.92	100.00	-	_
⊕ Us Dollar	-	0.00	100.00	_	_

Total Holdings 6

# Vanguard Target Retirement 2040 Fund VFORX

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

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

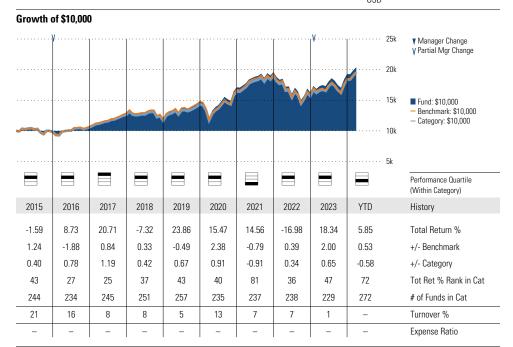
- Q Performance: The fund has finished in the Target-Date
   2040 category's top three quartiles in 9 of the 10 years it's
   been in existence.
- Management: The fund's management has been in place for 11.11 years.
- Net Expense: The fund's expense ratio of 0.08 is 87.69% lower than the Target-Date 2040 category average.

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

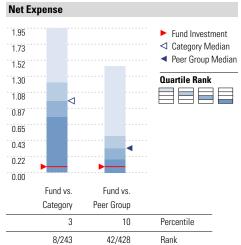
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022







3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	0.98	_	1.00
Beta	0.94	_	0.95
R-Squared	98.92	_	98.37
Standard Deviation	14.38	15.28	14.69
Sharpe Ratio	0.19	0.13	0.19
Tracking Error	1.78	_	2.10
Information Ratio	0.46	_	0.46
Up Capture Ratio	96.37	_	98.20
Down Capture Ratio	91.95	-	93.78

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.87	18.96	20.56
Price/Book Ratio	2.65	2.48	2.87
Avg Eff Duration	6.45	_	6.68



# Vanguard Target Retirement 2040 Fund VFORX

#### **Morningstar Category** Target-Date 2040

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

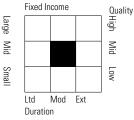
## Style Analysis as of 03-31-2024

Morningstar Style Box™



### Style Breakdown

Equity 30 17 27 5 5 9



3 Value Blend Growth

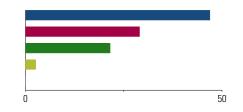
2

2

Weight %

>50 25-50 10-25 0-10

### Asset Allocation as of 03-31-2024



Total	100.00	100.00
Other	0.05	11.91
Cash	2.57	1.70
Bonds	21.50	13.04
Non-US Stocks	28.99	25.89
US Stocks	46.89	47.46
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	ł	▼ Ben	chmark	: [] Ca	ategory	Averag	ge			
<sub>Մ</sub>	Cyclical	33.81	37.03	34.35											
A.	Basic Materials	4.39	4.37	4.27		<b>-</b> [									
<b>A</b>	Consumer Cyclical	10.87	10.74	11.15											
	Financial Services	15.63	15.35	15.68											
æ	Real Estate	2.92	6.57	3.25											
W	Sensitive	46.59	43.33	46.05											
	Communication Services	7.04	6.26	6.84											
•	Energy	4.60	4.44	4.61											
Ф	Industrials	11.70	11.86	11.61											
	Technology	23.25	20.77	22.99						0					
<b>—</b>	Defensive	19.61	19.64	19.60											
Ħ	Consumer Defensive	6.06	6.07	5.80											
+	Healthcare	11.09	10.94	11.45											
•	Utilities	2.46	2.63	2.35											
					0%	5	10	15	20	25	30	35	40	45	

<b>Top 6 Holdings</b> as of 03-31-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
O Vanguard Total Stock Mkt Idx Instl Pls	_	47.05	47.05	_	_
◆ Vanguard Total Intl Stock Index Inv	-	29.89	76.94	_	_
⊕ Vanguard Total Bond Market II ldx Inv	_	15.49	92.43	_	-
⊕ Vanguard Total Intl Bd II Idx Insl	_	6.70	99.13	_	-
⊕ Mktliq 12/31/2049	-	0.87	100.00	-	_
⊕ Us Dollar	_	0.00	100.00	_	_

## Total Holdings 6



# Vanguard Target Retirement 2045 Fund VTIVX

Morningstar Category Target-Date 2045 Morningstar Index Morningstar Lifetime Mod 2045 TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

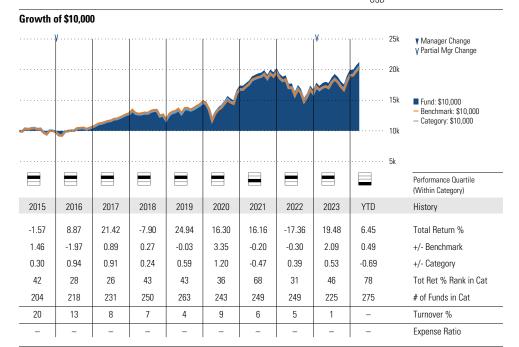
- Performance: The fund has finished in the Target-Date 2045 category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 11.11 years.
- Net Expense: The fund's expense ratio of 0.08 is 87.69% lower than the Target-Date 2045 category average.

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

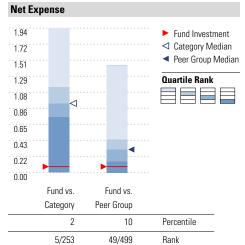
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022







3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	0.90	_	0.79
Beta	0.96	_	0.97
R-Squared	98.83	_	98.36
Standard Deviation	15.25	15.87	15.49
Sharpe Ratio	0.23	0.18	0.22
Tracking Error	1.79	-	2.11
Information Ratio	0.43	-	0.33
Up Capture Ratio	98.16	-	99.17
Down Capture Ratio	94.37	_	95.90

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.91	18.80	20.53
Price/Book Ratio	2.66	2.45	2.82
Avg Eff Duration	6.46	-	7.40

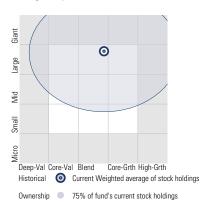


# Vanguard Target Retirement 2045 Fund VTIVX

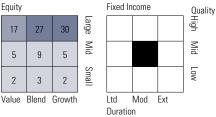
**Morningstar Index** Morningstar Lifetime Mod 2045 TR USD **Morningstar Category** Target-Date 2045

## Style Analysis as of 03-31-2024

Morningstar Style Box™



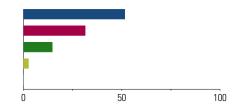
### Style Breakdown



Weight %

>50 25-50 10-25 0-10

### Asset Allocation as of 03-31-2024



Total	100.00	100.00
Other	0.06	11.53
Cash	2.49	1.61
Bonds	14.60	8.77
Non-US Stocks	31.34	26.85
US Stocks	51.51	51.25
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	1	Bend	hmark	] Ca	ategory	Avera	ge	_	
وا	Cyclical	33.75	37.14	34.50										
ì.	Basic Materials	4.37	4.45	4.30										
•	Consumer Cyclical	10.86	10.80	10.96										
9	Financial Services	15.60	15.48	15.48										
à	Real Estate	2.92	6.41	3.76										
ŲF	Sensitive	46.63	43.24	45.88										
	Communication Services	7.05	6.21	6.86										
)	Energy	4.58	4.48	4.61		ĺ								
ž	Industrials	11.69	11.96	11.37										
3	Technology	23.31	20.59	23.04										
+	Defensive	19.62	19.63	19.60										
Ę	Consumer Defensive	6.06	6.09	5.84										
r	Healthcare	11.10	10.91	11.42	_									
1	Utilities	2.46	2.63	2.34										

Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
_	51.69	51.69	_	_
_	32.31	84.00	_	-
_	10.41	94.41	_	_
_	4.66	99.07	_	_
-	0.93	100.00	-	_
_	0.00	100.01	-	_
	- - - - -	- 51.69 - 32.31 - 10.41 - 4.66 - 0.93	- 51.69 51.69 - 32.31 84.00 - 10.41 94.41 - 4.66 99.07 - 0.93 100.00	- 51.69 51.69 - 32.31 84.00 - 10.41 94.41 - 4.66 99.07 - 0.93 100.00 -

#### 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)

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

#### **Quantitative Screens**

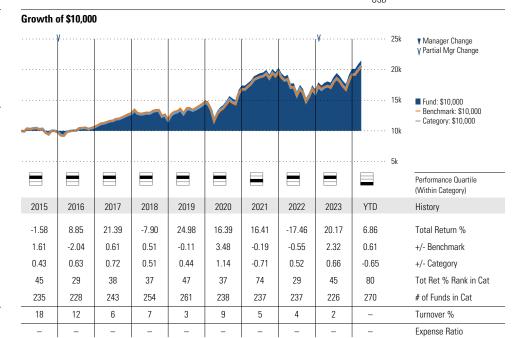
- ❷ Performance: The fund has finished in the Target-Date
  2050 category's top three quartiles in 10 of the 10 years it's
  been in existence.
- Management: The fund's management has been in place for 11.11 years.
- Net Expense: The fund's expense ratio of 0.08 is 87.88% lower than the Target-Date 2050 category average.

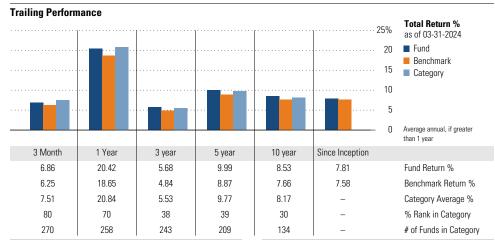
#### **Morningstar Investment Management LLC Analysis**

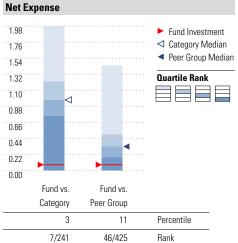
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022







3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	0.95	_	0.79
Beta	0.96	_	0.98
R-Squared	98.78	_	98.24
Standard Deviation	15.64	16.14	15.94
Sharpe Ratio	0.25	0.19	0.24
Tracking Error	1.83	_	2.15
Information Ratio	0.46	_	0.32
Up Capture Ratio	99.11	_	100.34
Down Capture Ratio	95.21	_	97.18

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.77	18.66	20.54
Price/Book Ratio	2.63	2.41	2.84
Avg Eff Duration	6.46	-	7.57





# Vanguard Target Retirement 2050 Fund VFIFX

Quality

High

Mid

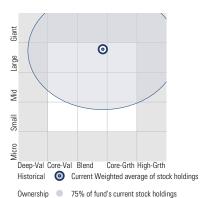
Low

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

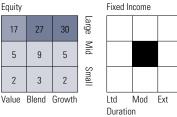
**Morningstar Index** Morningstar Lifetime Mod 2050 TR USD

## Style Analysis as of 03-31-2024

Morningstar Style Box™



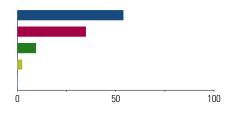
# Style Breakdown



Weight %

>50 25-50 10-25 0-10

# Asset Allocation as of 03-31-2024



Total	100.00	100.00
Other	0.06	11.57
Cash	2.25	1.79
Bonds	9.30	6.40
Non-US Stocks	34.66	27.48
US Stocks	53.74	52.75
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	1	Bend	chmark	[] Ca	ategory	Avera	ge		
b	Cyclical	33.93	37.34	34.53									'	
	Basic Materials	4.44	4.52	4.32		]								
•	Consumer Cyclical	10.89	10.83	11.02										
<u></u>	Financial Services	15.69	15.60	15.57										
b	Real Estate	2.91	6.39	3.62										
Ųľ	Sensitive	46.47	43.08	45.93										
	Communication Services	7.01	6.17	6.82										
	Energy	4.60	4.50	4.62		Ò								
)	Industrials	11.76	12.04	11.51					_					
1	Technology	23.10	20.37	22.98										
+	Defensive	19.60	19.58	19.55										
Ę	Consumer Defensive	6.08	6.08	5.81										
r	Healthcare	11.06	10.86	11.44										
2	Utilities	2.46	2.64	2.30										

<b>Top 6 Holdings</b> as of 03-31-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Stock Mkt Idx Instl Pls	_	53.91	53.91	_	_
◆ Vanguard Total Intl Stock Index Inv	-	35.74	89.65	_	-
	_	6.61	96.26	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	_	2.99	99.25	_	_
	-	0.76	100.01	_	_
⊕ Us Dollar	-	0.01	100.03	_	_

#### Total Holdings 6



# Vanguard Target Retirement 2055 Fund VFFVX

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

Turnover %
Expense Ratio

#### Portfolio Manager(s)

Walter Nejman since 02-2013 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Diaz 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 11.11 years.
- Net Expense: The fund's expense ratio of 0.08 is 87.5% 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**

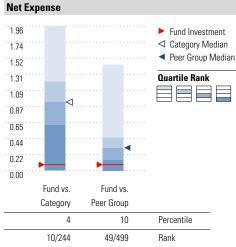
Metric	Rating	Updated
Sustainability Rating	3	03-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022





5

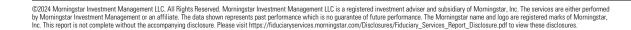
4



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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.00	_	0.90
Beta	0.96	_	0.99
R-Squared	98.73	_	98.22
Standard Deviation	15.64	16.22	16.13
Sharpe Ratio	0.25	0.19	0.24
Tracking Error	1.89	_	2.17
Information Ratio	0.47	_	0.37
Up Capture Ratio	98.85	_	101.34
Down Capture Ratio	94.75	-	97.75

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.76	18.53	20.45
Price/Book Ratio	2.63	2.38	2.81
Avg Eff Duration	6.46	_	8.64



18

8

5

5

3

8



# Vanguard Target Retirement 2055 Fund VFFVX

#### Morningstar Category Target-Date 2055

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

### Style Analysis as of 03-31-2024

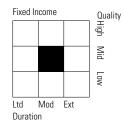
Morningstar Style Box™



Large

Mid

# Style Breakdown

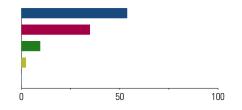


Weight %

>50 25-50 10-25 0-10

Value Blend Growth

### Asset Allocation as of 03-31-2024





		Fund	Bmark	Cat	Fund	ł	▼ Ben	chmark	: I Ca	ategory	Avera	ae			
<sub>Մ</sub>	Cyclical	33.95	37.62	34.55						3- /			1		
A.	Basic Materials	4.45	4.60	4.29											
4	Consumer Cyclical	10.88	10.86	10.92											
<u></u>	Financial Services	15.70	15.69	15.50											
t	Real Estate	2.92	6.47	3.84											
M	Sensitive	46.46	42.88	46.02											
	Communication Services	7.00	6.11	6.86											
ð	Energy	4.61	4.52	4.62											
<b>Ģ</b>	Industrials	11.76	12.11	11.45		- :		'							
3	Technology	23.09	20.14	23.09											
<b>→</b>	Defensive	19.60	19.51	19.42											
	Consumer Defensive	6.08	6.08	5.80											
ř	Healthcare	11.06	10.79	11.32											
•	Utilities	2.46	2.64	2.30											
					0%	5	10	15	20	25	30	35	40	45	_

<b>Top 6 Holdings</b> as of 03-31-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	_	53.82	53.82	_	_
⊕ Vanguard Total Intl Stock Index Inv	-	35.80	89.62	_	_
⊕ Vanguard Total Bond Market II ldx Inv	-	6.71	96.33	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	-	2.99	99.32	_	_
⊕ Mktliq 12/31/2049	-	0.67	100.00	-	_
<ul><li>─ Us Dollar</li></ul>	-	0.00	100.00	_	_

Total Holdings 6

# Vanguard Target Retirement 2060 Fund VTTSX

Morningstar Category Target-Date 2060 Morningstar Index

Morningstar Mod Tgt Risk TR USD

### Portfolio Manager(s)

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

#### **Quantitative Screens**

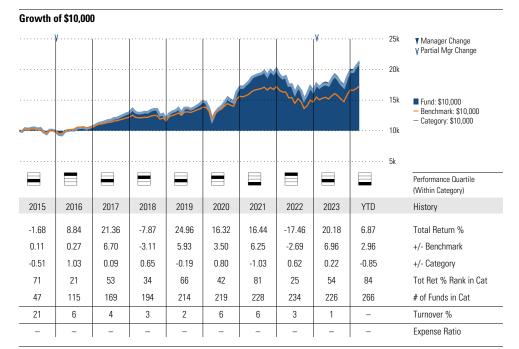
- Performance: The fund has finished in the Target-Date
   2060 category's top three quartiles in 9 of the 10 years it's
   been in existence.
- Management: The fund's management has been in place for 11.11 years.
- Net Expense: The fund's expense ratio of 0.08 is 87.88% lower than the Target-Date 2060 category average.

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

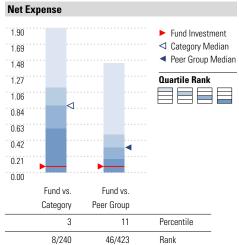
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022







3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	2.56	-	2.60
Beta	1.24	-	1.28
R-Squared	97.68	-	96.52
Standard Deviation	15.63	12.42	16.18
Sharpe Ratio	0.25	0.04	0.25
Tracking Error	3.85	-	4.61
Information Ratio	0.79	-	0.68
Up Capture Ratio	136.16	-	140.35
Down Capture Ratio	122.73	-	126.91

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.75	18.45	19.88
Price/Book Ratio	2.63	2.33	2.65
Avg Eff Duration	6.46	-	7.50





# Vanguard Target Retirement 2060 Fund VTTSX

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

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

100.00

100.00

Style Analysis as of 03-31-2024

Morningstar Style Box™





Sector Weighting as of 03-31-2024

Utilities

Asset Allocation as of 03-31-2024

Asset Class Net % Cat% US Stocks 53.49 44.77 Non-US Stocks 34.82 30.84 Bonds 9.35 5.99 Cash 2.29 1.05 Other 0.06 17.37

#### Style Breakdown

Equity				Fixed	Income		Quality
17	27	30	Large				High
5	9	5	Mid				Mid
2	3	2	Small				Low
Value	Blend	Growth		Ltd	Mod	Ext	_

Դ	Cyclical	33.97	38.52	36.03
A	Basic Materials	4.45	4.79	4.82
A	Consumer Cyclical	10.89	10.92	10.82
æ	Financial Services	15.71	16.41	15.96
ŵ	Real Estate	2.92	6.40	4.43
W	Sensitive	46.43	40.90	44.96
d	Communication Services	7.00	5.96	6.55
•	Energy	4.61	4.84	4.87
Ф	Industrials	11.77	12.38	11.63
	Technology	23.05	17.72	21.91
<b>→</b>	Defensive	19.60	20.58	19.01
Ħ	Consumer Defensive	6.08	6.51	5.78
٠	Healthcare	11.06	11.12	11.02

50

Fund

2.46

2.95

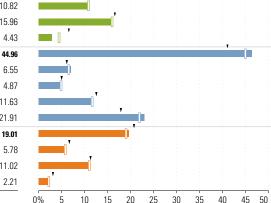
Bmark

100

Cat

Total

Fund



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

Top 6 Holdings as of 03-31-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl Pls	_	53.65	53.65	_	_
◆ Vanguard Total Intl Stock Index Inv	-	35.91	89.56	_	_
⊕ Vanguard Total Bond Market II ldx Inv	-	6.65	96.21	_	_
⊕ Vanguard Total Intl Bd II ldx Insl	_	3.00	99.21	_	_
⊕ Mktliq 12/31/2049	-	0.80	100.01	-	_
⊕ Us Dollar	_	0.01	100.02	-	_

#### 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)

Walter Nejman since 07-2017 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Diaz since 02-2023

#### **Quantitative Screens**

- Q Performance: The fund has finished in the Target-Date
   2065+ category's top three quartiles in 4 of the 6 years it's been in existence.
- Management: The fund's management has been in place for 6.72 years.
- Net Expense: The fund's expense ratio of 0.08 is 86.67% lower than the Target-Date 2065+ category average.

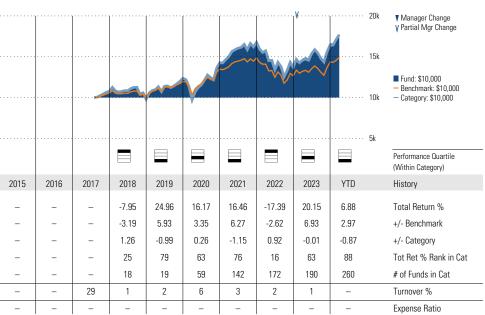
#### **Morningstar Investment Management LLC Analysis**

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	03-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

#### Growth of \$10,000





Net Exp	ense		
1.92			Fund Investment
1.71			<ul><li>Category Median</li><li>Peer Group Median</li></ul>
1.49			
1.28			Quartile Rank
1.07			
0.85			
0.64	- □ □		
0.43			
0.21			
0.00			
	Fund vs.	Fund vs.	
	Category	Peer Group	
	10	14	Percentile
	24/246	65/466	Rank

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	2.59	_	2.60
Beta	1.24	_	1.29
R-Squared	97.66	_	96.48
Standard Deviation	15.62	12.42	16.30
Sharpe Ratio	0.25	0.04	0.25
Tracking Error	3.85	_	4.72
Information Ratio	0.80	_	0.66
Up Capture Ratio	136.18	_	141.07
Down Capture Ratio	122.61	-	127.64

Portfolio Metrics								
	Fund	Bmark	Cat					
Price/Earnings Ratio	19.73	18.45	19.94					
Price/Book Ratio	2.62	2.33	2.69					
Avg Eff Duration	6.46	-	7.34					



# Vanguard Target Retirement 2065 Fund VLXVX

Quality

High

Mid

Low

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

Morningstar Index

Morningstar Mod Tgt Risk TR USD

Cat%

45.43

31.18

10.52

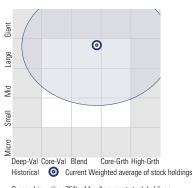
1.38

11.49

100.00

### Style Analysis as of 03-31-2024

Morningstar Style Box™



# Ownership 75% of fund's current stock holdings

Fixed Income

Ltd

Mod Duration

## Style Breakdown

Equity 30 17 27 5 5 9



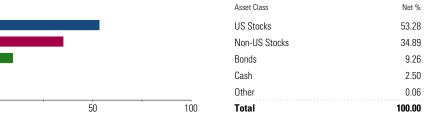
2 Value Blend Growth



>50 25-50 10-25 0-10



Asset Allocation as of 03-31-2024



		Fund	Bmark	Cat	Fund	1	Bend	chmarl	( [] C	ategory	Avera	ge	_	
b	Cyclical	33.98	38.52	34.94		÷							<b>"</b>	
	Basic Materials	4.46	4.79	4.70										
	Consumer Cyclical	10.88	10.92	10.96										
<u></u>	Financial Services	15.72	16.41	15.97										
b	Real Estate	2.92	6.40	3.31		<b>'</b>								
NF	Sensitive	46.41	40.90	45.92										
	Communication Services	6.99	5.96	6.81										
•	Energy	4.60	4.84	4.77				. :						
þ	Industrials	11.78	12.38	11.87				'						
1	Technology	23.04	17.72	22.47						0				
+	Defensive	19.60	20.58	19.13										
7	Consumer Defensive	6.08	6.51	5.85										
1	Healthcare	11.05	11.12	11.05										
2	Utilities	2.47	2.95	2.23										

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx InstI PIs	_	53.44	53.44	_	_
⊕ Vanguard Total Intl Stock Index Inv	-	35.99	89.43	_	_
⊕ Vanguard Total Bond Market II ldx Inv	-	6.57	96.01	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	-	2.99	98.99	_	_
⊕ Mktliq 12/31/2049	-	0.99	99.98	-	-
<ul><li>─ Us Dollar</li></ul>	_	0.02	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)

Walter Nejman since 06-2022 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Diaz 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 86.67% lower than the Target-Date 2065+ category average.

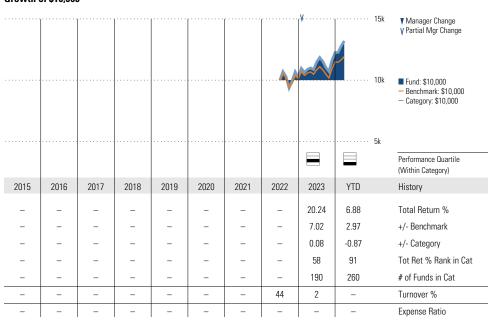
#### **Morningstar Investment Management LLC Analysis**

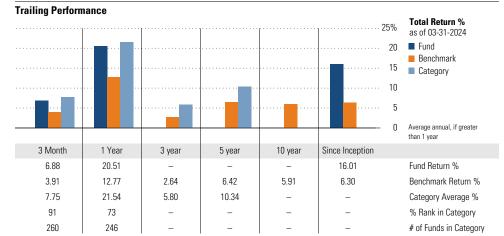
This fund fails the manager tenure screen due to a limited history for this target-date vintage.

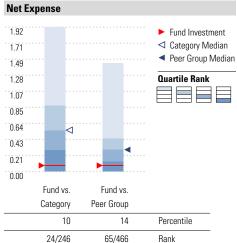
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024
Carbon Risk Score	Low Risk	12-31-2022

#### Growth of \$10,000







3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	_	_	2.60
Beta	_	_	1.29
R-Squared	-	_	96.48
Standard Deviation	-	12.42	16.30
Sharpe Ratio	-	0.04	0.25
Tracking Error	-	-	4.72
Information Ratio	-	_	0.66
Up Capture Ratio	_	_	141.07
Down Capture Ratio	-	_	127.64

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.76	18.45	19.94
Price/Book Ratio	2.63	2.33	2.69
Avg Eff Duration	6.45	-	7.34



# Vanguard Target Retirement 2070 Fund VSVNX

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

Morningstar Mod Tgt Risk TR USD

### Style Analysis as of 03-31-2024

Morningstar Style Box™



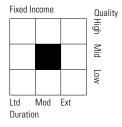
Large

Mid

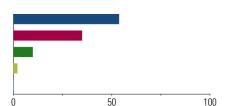
## Style Breakdown

Equity 30 17 27 5 5 9

2 2 3 Value Blend Growth



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



Asset Allocation as of 03-31-2024



Sector Weighting as of 03-	31-2024			
	Fund	Bmark	Cat	Fund • Benchmark   Category Average
<b>ひ</b> Cyclical	33.94	38.52	34.94	
Basic Materials	4.44	4.79	4.70	
Consumer Cyclical	10.88	10.92	10.96	
Financial Services	15.70	16.41	15.97	
Real Estate	2.92	6.40	3.31	
₩ Sensitive	46.45	40.90	45.92	
Communication Services	7.01	5.96	6.81	
Energy	4.60	4.84	4.77	
Industrials	11.77	12.38	11.87	
Technology	23.07	17.72	22.47	
→ Defensive	19.60	20.58	19.13	<b>1</b>
Consumer Defensive	6.08	6.51	5.85	
Healthcare	11.05	11.12	11.05	
Utilities Utilities	2.47	2.95	2.23	
				0% 5 10 15 20 25 30 35 40

<b>Top 6 Holdings</b> as of 03-31-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Stock Mkt Idx Instl Pls	_	53.79	53.79	_	_
Vanguard Total Intl Stock Index Inv	_	35.87	89.66	_	_
① Vanguard Total Bond Market II Idx Inv	_	7.00	96.66	_	_
① Vanguard Total Intl Bd II Idx Insl	_	2.99	99.65	_	_
① Mktliq 12/31/2049	-	0.27	99.92	-	-
⊕ Us Dollar	-	0.08	100.00	-	-

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-Diaz 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 11.11 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 Retirement category average.

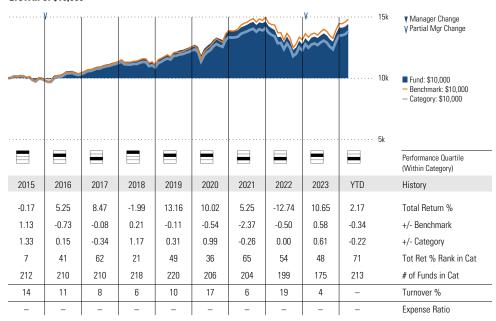
#### **Morningstar Investment Management LLC Analysis**

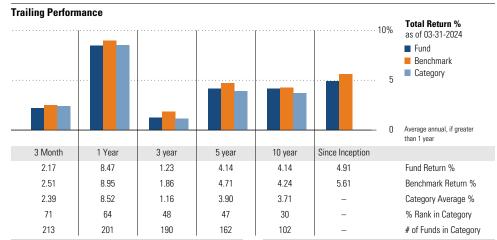
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

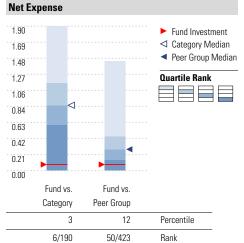
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	03-31-2024
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 characteristics.

Rank

3-Year hisk wetrics			
	Fund	Bmark	Cat
Alpha	-0.51	_	-0.53
Beta	0.93	_	0.97
R-Squared	97.81	_	96.66
Standard Deviation	8.53	9.06	8.90
Sharpe Ratio	-0.16	-0.08	-0.15
Tracking Error	1.41	_	1.85
Information Ratio	-0.45	_	-0.35
Up Capture Ratio	91.87	_	94.85
Down Capture Ratio	96.00	_	99.11

Portfolio Metrics								
	Fund	Bmark	Cat					
Price/Earnings Ratio	19.70	20.14	20.28					
Price/Book Ratio	2.62	2.71	2.71					
Avg Eff Duration	5.49	-	5.75					



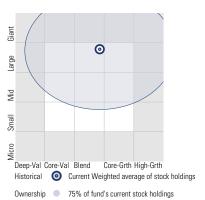
# **Vanguard Target Retirement Income Fund** VTINX

#### **Morningstar Category** Target-Date Retirement

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

## Style Analysis as of 03-31-2024

Morningstar Style Box™



## Style Breakdown

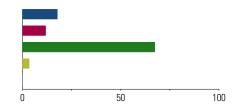
Equity				rixeu ii	licome		Quali
17	27	30	Large				High
5	9	5	Mid				Mid
2	3	2	Small				Low
Value	Blend	Growth		Ltd Duratio	Mod on	Ext	_

Eivad Incomo

Weight %

>50 25-50 10-25 0-10

## Asset Allocation as of 03-31-2024



Total	100.00	100.00
Other	0.05	13.10
Cash	3.32	3.72
Bonds	67.24	46.38
Non-US Stocks	11.72	13.42
US Stocks	17.68	23.38
Asset Class	Net %	Cat%

Sec	tor Weighting as of 03-	31-2024			
		Fund	Bmark	Cat	Fund • Benchmark [] Category Average
<sub>Մ</sub>	Cyclical	34.04	36.86	36.70	
ā.	Basic Materials	4.47	3.80	4.38	
4	Consumer Cyclical	10.88	10.25	10.57	
<u> </u>	Financial Services	15.76	14.32	15.86	
ŧ	Real Estate	2.93	8.49	5.89	
M	Sensitive	46.38	43.58	44.54	
	Communication Services	6.99	6.48	6.63	
•	Energy	4.60	4.23	4.71	
<b>\$</b>	Industrials	11.80	11.00	11.15	
3	Technology	22.99	21.87	22.05	
<b>→</b>	Defensive	19.58	19.57	18.75	
=	Consumer Defensive	6.07	5.97	5.61	
ŀ	Healthcare	11.05	11.03	10.65	
•	Utilities	2.46	2.57	2.49	
					0% 5 10 15 20 25 30 35 40 45

<b>Top 7 Holdings</b> as of 03-31-2024									
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector				
⊕ Vanguard Total Bond Market II ldx Inv	_	36.83	36.83	_	_				
Ovanguard Total Stock Mkt Idx Instl PIs	_	17.73	54.56	-	-				
Ð Vanguard Shrt-Term Infl-Prot Sec Idx Adm	_	16.48	71.04	-	-				
Đ Vanguard Total Intl Bd II Idx Insl	_	16.13	87.18	-	-				
Ovanguard Total Intl Stock Index Inv	-	12.08	99.26	-	_				
⊕ Mktliq 12/31/2049	_	0.74	100.00	_	_				
→ Us Dollar	-	0.00	100.00	-	-				

#### Total Holdings 7

