# 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**

- ❷ 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 15.26 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	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

### Growth of \$10,000





<b>Net Exp</b>	ense		
4.41 3.92			<ul><li>► Fund Investment</li><li>✓ Category Median</li><li>✓ Peer Group Median</li></ul>
3.43 2.94 2.45			Quartile Rank
1.96			
0.98			
0.00	Fund vs.	Fund vs.	
	Category	Peer Group	
	26	27	Percentile
	219/852	164/610	Rank

3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	-	-	_
Beta	-	-	_
R-Squared	-	-	_
Standard Deviation	16.69	-	17.19
Sharpe Ratio	-	-	_
Tracking Error	-	-	_
Information Ratio	-	-	_
Up Capture Ratio	-	-	_
Down Capture Ratio	-	-	_

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	13.08	13.68	13.39
Price/Book Ratio	1.71	1.70	1.77
Geom Avg Mkt Cap \$B	48.53	45.04	56.58
ROE	20.99	17.63	20.30



### American Funds Intl Gr and Inc R6 RIGGX

# Morningstar CategoryMorningstar IndexForeign Large BlendMSCI ACWI Ex USA NR USD

### Style Analysis as of 12-31-2023

Morningstar Style Box™



### Style Breakdown

Equity

32	29	27	Large
3	6	3	Mid
0	1	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100 00
Other	0.09	-0.47
Cash	5.36	1.96
Bonds	0.50	0.47
Non-US Stocks	88.43	94.60
US Stocks	5.63	3.44
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund Benchmark Category Average
b	Cyclical	35.54	41.95	38.88	
ů.	Basic Materials	6.07	7.98	7.04	
4	Consumer Cyclical	9.41	10.87	11.20	
£	Financial Services	18.19	20.90	18.89	
b	Real Estate	1.87	2.20	1.75	
NI	Sensitive	39.53	37.68	37.81	
	Communication Services	6.47	5.33	4.44	
•	Energy	7.57	5.71	5.45	
<b>\$</b>	Industrials	14.41	13.60	16.36	
	Technology	11.08	13.04	11.56	
<b>→</b>	Defensive	24.92	20.37	23.30	
Ę	Consumer Defensive	11.84	7.87	9.01	
۲	Healthcare	10.83	9.46	11.63	
?	Utilities	2.25	3.04	2.66	

### World Regions % Equity 12-31-2023



	Fund %	Cat %
Greater Asia	27.74	35.35
Japan	8.09	19.01
Australasia	0.55	4.85
Asia-4 Tigers	10.81	6.48
Asia-ex 4 Tigers	8.29	5.01
Not Classified	0.00	0.00

Americas	Fund % 15.01	Cat % 8.53	Greater Europe	Fund % 57.25	Cat % 56.11	Market Maturity	Fund %
North America Central/Latin	10.95 4.06	7.24 1.29	United Kingdom W euro-ex UK	13.77 41.62	13.74 41.43	Developed Markets Emerging Markets	86.52 13.48
oonida, zaan		1.20	Emrgng Europe Africa	0.31 1.55	0.09	Not Available	0.00

<b>Top 10 Holdings</b> as of 12-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash M	5.28	5.28	_	_
	3.11	8.39	_	Healthcare
○ Novo Nordisk A/S Class B	2.73	11.12	51.68	Healthcare
⊕ TotalEnergies SE	2.31	13.43	_	Energy
Taiwan Semiconductor Manufacturing Co Ltd	2.23	15.66	_	Technology
	2.18	17.84	_	Industrials
→ Philip Morris International Inc	2.16	20.00	-1.97	Consumer Defensive
	2.04	22.04	39.61	Technology
⊕ British American Tobacco PLC	1.60	23.64	_	Consumer Defensive
⊕ Sanofi SA	1.60	25.24	_	Healthcare

### Total Holdings 262

# American Funds Invmt Co of Amer R6 RICGX

Morningstar Category
Large Blend

Morningstar Index S&P 500 TR USD

### Portfolio Manager(s)

James Lovelace since 03-1992
Donald O'Neal since 03-1992
Christopher Buchbinder since 03-2007
Grant Cambridge since 03-2014
Martin Romo since 07-2018
Aline Avzaradel since 03-2019
Martin Jacobs since 12-2019
James Terrile since 03-2020
Jessica Spaly since 03-2021

#### **Quantitative Screens**

Performance: The fund has finished in the 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 31.85 years.

Net Expense: The fund's expense ratio of 0.27 is 64% lower than the Large Blend category average.

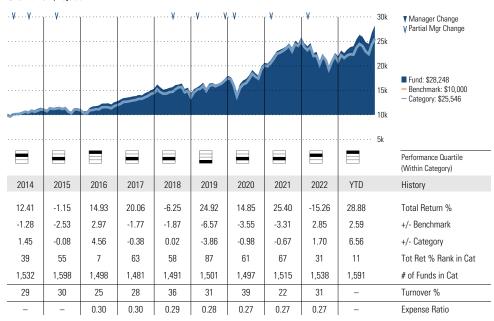
#### **Morningstar Investment Management LLC Analysis**

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
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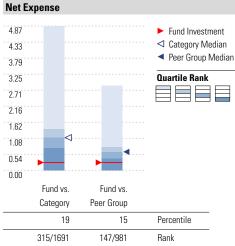
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	1	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022

#### Growth of \$10,000

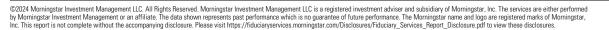






3-Year RISK Wellics			
	Fund	Bmark	Cat
Alpha	_	-	_
Beta	_	-	_
R-Squared	_	-	_
Standard Deviation	16.33	-	17.04
Sharpe Ratio	_	-	_
Tracking Error	-	_	_
Information Ratio	-	_	_
Up Capture Ratio	-	_	_
Down Capture Ratio	_	_	_

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.19	23.61	22.67
Price/Book Ratio	3.54	4.19	4.67
Geom Avg Mkt Cap \$B	174.23	241.61	282.66
ROE	27.46	31.50	30.87





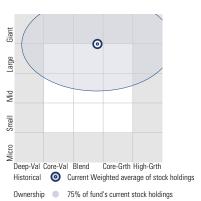
# American Funds Invmt Co of Amer R6 RICGX

#### **Morningstar Category** Morningstar Index

#### Large Blend S&P 500 TR USD

### Style Analysis as of 12-31-2023

Morningstar Style Box™



### Style Breakdown

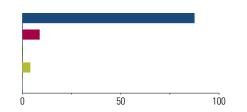
Equity

18	37	30	Large
7	4	4	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 12-31-2023

Total	100.00	100.00
Other	0.06	1.24
Cash	3.83	1.50
Bonds	0.10	-0.53
Non-US Stocks	8.60	2.42
US Stocks	87.42	95.35
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	1	▼ Be	nchma	rk [	Cateo	jory Av	erage				
Ն	Cyclical	24.80	28.24	28.24		-	50				1	i i				
A.	Basic Materials	3.98	2.19	2.75												
4	Consumer Cyclical	9.34	11.01	10.16			<b>=</b> [,									
£	Financial Services	10.32	12.52	13.17												
ŧ	Real Estate	1.16	2.52	2.16	<b>[</b>											
M	Sensitive	52.21	50.65	49.61												ī
	Communication Services	10.08	8.58	8.09												
•	Energy	6.05	3.89	4.29												
<b>Ģ</b>	Industrials	12.69	8.37	9.99			<u>'</u>									
	Technology	23.39	29.81	27.24												
<b>→</b>	Defensive	22.99	21.12	22.15												
	Consumer Defensive	7.11	6.11	6.37												
ř	Healthcare	12.93	12.67	13.60												
•	Utilities	2.95	2.34	2.18												
_					0%	5	10	15	20	25	30	35	40	45	50	5

<b>Top 15 Holdings</b> as of 12-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	7.40	7.40	57.96	Technology
⊕ Broadcom Inc	4.61	12.01	103.05	Technology
○ Capital Group Central Cash Fund	3.79	15.80	_	-
⊖ General Electric Co	3.64	19.44	70.34	Industrials
⊕ Meta Platforms Inc Class A	2.66	22.10	194.13	Communication Svc
	2.63	24.74	80.88	Consumer Cyclical
Mastercard Inc Class A	2.11	26.84	23.31	Financial Services
Apple Inc	2.07	28.91	48.91	Technology
⇒ Alphabet Inc Class A	2.03	30.95	58.32	Communication Svc
⊕ Alphabet Inc Class C	1.98	32.93	58.83	Communication Svc
⇒ British American Tobacco PLC	1.96	34.89	_	Consumer Defensive
Abbott Laboratories	1.94	36.83	2.11	Healthcare
∃ Linde PLC	1.77	38.61	27.48	Basic Materials
Philip Morris International Inc	1.75	40.36	-1.97	Consumer Defensive
─ UnitedHealth Group Inc	1.68	42.04	0.68	Healthcare

### **Total Holdings 218**



### American Funds New World R6 RNWGX

# Morningstar Category Diversified Emerging Mkts MSCI EM NR USD MSCO EM NR USD

### Portfolio Manager(s)

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

Dawid Justus since 01-2020 Piyada Phanaphat since 01-2020

Matt Hochstetler since 01-2024

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 24.56 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	11-30-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	_	_	_
Beta	-	_	-
R-Squared	-	_	-
Standard Deviation	16.09	_	17.81
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	-	_	-

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	18.72	13.07	13.55
Price/Book Ratio	2.96	1.60	1.86
Geom Avg Mkt Cap \$B	60.60	35.77	44.99
ROE	24.49	16.28	19.08





### American Funds New World R6 RNWGX

#### Morningstar Index **Morningstar Category** Diversified Emerging Mkts MSCI EM NR USD

### Style Analysis as of 12-31-2023

Morningstar Style Box™



### Style Breakdown

Equity

12	32	44	Large
2	4	4	Mid
0	1	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 12-31-2023



		From 4	Dl.	0-4	F		- Dl-	d.	По-	A				
		Fund	Bmark	Cat	Func	1	Bench	mark	Categ	jory Ave	rage			
<b>Դ</b>	Cyclical	38.31	44.05	43.10			,							
A	Basic Materials	8.43	8.04	6.20										
A	Consumer Cyclical	12.34	12.19	13.49										
<del>,</del>	Financial Services	15.70	22.19	21.71										
<b>fi</b>	Real Estate	1.84	1.63	1.70										_
W	Sensitive	39.44	43.48	43.26										
	Communication Services	6.97	9.24	8.48										
ð	Energy	4.03	5.22	4.71		<b>=</b> [' _								
Ф	Industrials	12.72	6.73	6.85										
	Technology	15.72	22.29	23.22										
<b>→</b>	Defensive	22.24	12.47	13.65										
Ħ	Consumer Defensive	6.87	5.80	7.38										
+	Healthcare	13.95	4.03	4.54										
•	Utilities	1.42	2.64	1.73										
					0%	5	10	15	20	25	30	35	40	45

### World Regions % Equity 12-31-2023



	Fund %	Cat %
Greater Asia	39.10	73.55
Japan	2.39	0.06
Australasia	0.40	0.00
Asia-4 Tigers	6.54	27.02
Asia-ex 4 Tigers	29.77	46.47
Not Classified	0.00	0.00

Americas	Fund % 35.96	Cat % 15.81	Greater Europe	Fund % 24.94	Cat % 10.64	Market Maturity	Fund %
North America	26.47	2.94	United Kingdom	2.13	0.54	Developed Markets	57.94
Central/Latin	9.49	12.87	W euro-ex UK	19.89	1.80	Emerging Markets	42.06
			Emrgng Europe	0.53	1.77	Not Available	0.00
			Africa	2.39	6.53		

<b>Top 10 Holdings</b> as of 12-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	5.39	5.39	-	_
⊕ Microsoft Corp	2.86	8.25	57.96	Technology
○ Novo Nordisk A/S Class B	2.68	10.93	51.68	Healthcare
⊕ Taiwan Semiconductor Manufacturing Co Ltd	2.03	12.96	_	Technology
Airbus SE	1.50	14.46	-	Industrials
⊖ Eli Lilly and Co	1.45	15.91	60.57	Healthcare
○ LVMH Moet Hennessy Louis Vuitton SE	1.44	17.35	_	Consumer Cyclical
⊖ Kotak Mahindra Bank Ltd	1.43	18.78	_	Financial Services
MercadoLibre Inc     MercadoLibre Inc	1.23	20.01	85.71	Consumer Cyclical
⊕ AIA Group Ltd	1.10	21.11	-19.70	Financial Services

### Total Holdings 586

# **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 23.27 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	3	11-30-2023
ESG Commitment	1-Low	02-15-2022

#### Growth of \$10,000



#### **Trailing Performance**



Net Expe	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			
1	Fund vs.	Fund vs.	
C	Category	Peer Group	
	26	36	Percentile
-	147/577	156/434	Rank

3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	-	-	_
Beta	_	-	_
R-Squared	_	-	_
Standard Deviation	7.38	-	7.20
Sharpe Ratio	_	-	_
Tracking Error	-	-	_
Information Ratio	_	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	_	_	_

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.15	4.43	5.99
Avg Eff Maturity	8.34	-	8.56



# **Baird Aggregate Bond Inst** BAGIX

Inst BAGIX

Asset Allocation as of 12-31-2023

Morningstar Category Intermediate Core Bond Morningstar Index Bloomberg US Agg Bond TR USD





Total	100.00	100.00
Other	0.14	2.48
Cash	1.31	2.18
Bonds	98.55	95.29
Non-US Stocks	0.00	0.00
US Stocks	0.00	0.06
Asset Class	Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	12.90	3.53	27.80
AA	50.80	74.59	41.94
A	13.60	10.82	13.94
BBB	22.60	8.32	13.42
BB	0.10	0.28	0.68
В	0.00	0.00	0.33
Below B	0.00	0.00	0.44
Not Rated	0.00	2.46	1.46

				0%	5	10	15	20	25	30	35	40
Other	0.00	_	1.55									
Cash & Equivalents	1.12	-	3.99									
Municipal	0.61	-	0.99									
Covered Bond	0.00	-	0.00									
Asset-Backed	7.11	_	5.02									
Commercial MBS	4.45	_	0.41	()								
Non-Agency Residential MBS	0.62	_	0.48	()								
Agency MBS CMO	2.01	_	1.85									
Agency MBS ARM	0.00	_	0.24									
Agency MBS Pass-Through	23.50	_	29.51					- 1				
Securitized	37.69	_	37.51		-	:	-		:	:	-	(
Preferred	0.00	_	0.20									
Convertible	0.00	_	0.00									
Bank Loan	0.00	_	0.03									
Corporate Bond	38.03	_	24.36		:	:				:	:	
Corporate	38.03	_	24.59									
Other Government Related	0.00	_	2.55	i [								
Agency/Quasi Agency	0.00	_	0.90	iΠ								
Inflation – Protected	0.00	_	1.15									
Treasury	22.55	_	26.75						ı : [			
Government	22.55	_	31.35					37				
	Fund	Bmark	Cat	Fund		Benchma	rk II C	ategory	Average			

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Notes 1.13%	10-2026	4.25	4.25	_
United States Treasury Bonds 2.5%	02-2045	2.83	7.08	_
United States Treasury Bonds 2.88%	05-2043	2.03	9.10	_
⊕ United States Treasury Notes 2.38%	03-2029	1.99	11.09	_
United States Treasury Bonds 1.38%	11-2040	1.60	12.69	-
⊕ United States Treasury Notes 4.13%	08-2030	1.55	14.24	_
⊕ United States Treasury Bonds 2.88%	05-2052	1.53	15.77	_
⊕ United States Treasury Bonds 2.38%	02-2042	1.51	17.27	_
⊖ First American Government Obligs U	02-2030	1.05	18.32	_
─ United States Treasury Notes 1.13%	08-2028	0.92	19.24	_

Total Holdings 1757



#### **DFA US Large Cap Value I DFLVX**

#### **Morningstar Category** Large Value

Morningstar Index

### Russell 1000 Value TR USD

### Portfolio Manager(s)

Jed Foodall since 02-2012 John Hertzer since 02-2022 Mary Phillips since 02-2022

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 11.85 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 0.21 is 76.4% lower than the Large Value category average.

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

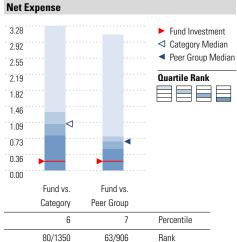
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#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	11-30-2023
Carbon Risk Score	Medium Risk	12-31-2022

#### Growth of \$10,000 ▼ Manager Change V Partial Mgr Change 20k Fund: \$22.264 Benchmark: \$10,000 Category: \$21,835 Performance Quartile (Within Category) 2014 2015 2016 2017 2018 2019 2020 2021 2022 YTD History 10.07 -3.49 18.89 18.97 -11.65 25.45 -0.61 28.07 -5.78 11.47 Total Return % 0.34 2.91 1.76 -3.38 1.55 5.31 -3.38 -1.09 -3.41 0.01 +/- Benchmark -0.14 0.56 3.03 -3.12 0.41 4.08 -3.52 1.85 0.12 -0.16 +/- Category 60 46 14 20 83 49 76 31 51 50 Tot Ret % Rank in Cat 1,378 1,466 1,378 1,380 1,257 1,295 # of Funds in Cat 1,363 1,326 1,292 1,269 19 10 10 Turnover % 0.27 0.27 0.27 0.28 0.27 0.23 0.21 Expense Ratio





3-Tear hisk wietrics			
	Fund	Bmark	Cat
Alpha	_	_	-
Beta	_	_	-
R-Squared	_	_	-
Standard Deviation	18.10	_	16.66
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	_	_	_

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	12.84	16.63	16.52
Price/Book Ratio	1.90	2.30	2.53
Geom Avg Mkt Cap \$B	69.47	69.54	115.53
ROE	15.33	16.66	21.78



# **DFA US Large Cap Value I** DFLVX

# Morningstar Category Large Value

Morningstar Index Russell 1000 Value TR USD

### Style Analysis as of 12-31-2023

Morningstar Style Box™



### Style Breakdown

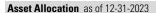
Equity

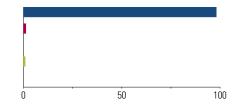
36	15	7	Large
24	15	2	Mid
1	0	0	Small

Value Blend Growth

#### Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	1.21
Cash	0.79	1.01
Bonds	0.00	0.15
Non-US Stocks	1.16	5.89
US Stocks	98.05	91.73
Asset Class	Net %	Cat%

Sector Weighting as of 12-	31-2023											
	Fund	Bmark	Cat	Fund	,	Bench	mark	[] Cateo	gory Ave	rage		
<b>⊕</b> Cyclical	35.91	35.74	33.05									
Basic Materials	8.04	4.30	3.60		يك)	•						
Consumer Cyclical	5.79	5.52	6.76		<u> </u>							
Financial Services	21.64	20.80	19.37									
neal Estate	0.44	5.12	3.32		] [							
₩ Sensitive	44.89	37.05	38.47									
Communication Services	7.92	4.80	5.87									
Energy	13.78	7.80	8.65									
Industrials	12.68	13.63	11.52				ı '					
Technology	10.51	10.82	12.43						_			
→ Defensive	19.20	27.21	28.48						· '			
Consumer Defensive	3.93	7.75	8.51									
Healthcare	14.93	14.65	15.07									
Utilities Utilities	0.34	4.81	4.90	i	ĺ							
				0%	5	10	15	20	25	30	35	

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	4.39	4.39	29.87	Financial Services
─ Exxon Mobil Corp	4.33	8.72	-6.02	Energy
	2.69	11.41	-13.53	Energy
→ Berkshire Hathaway Inc Class B	2.46	13.87	15.46	Financial Services
→ Pfizer Inc	1.97	15.84	-40.61	Healthcare
○ Comcast Corp Class A	1.95	17.79	28.65	Communication Svc
○ ConocoPhillips	1.67	19.46	1.68	Energy
	1.62	21.08	194.13	Communication Svc
○ Verizon Communications Inc	1.43	22.51	2.34	Communication Svc
⊕ Bank of America Corp	1.27	23.78	4.44	Financial Services
⊖ Elevance Health Inc	1.24	25.01	-6.92	Healthcare
	1.15	26.16	92.92	Technology
	1.09	27.25	15.40	Financial Services
Nucor Corp	1.04	28.29	33.61	Basic Materials
□ D.R. Horton Inc	1.03	29.31	71.67	Consumer Cyclical

**Total Holdings 347** 



# 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 9.16 years.

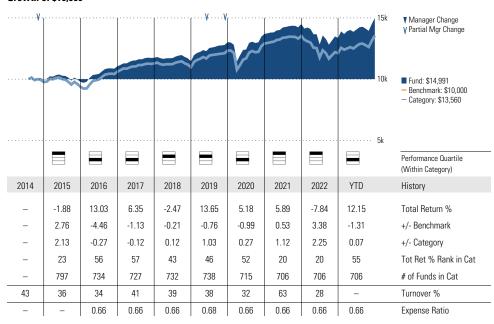
Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.66 is 26.67% lower than the High Yield Bond category average.

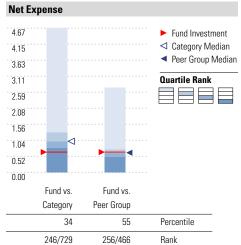
#### **Morningstar Investment Management LLC Analysis**

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

#### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 12-31-2023 ■ Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 3 year 5 year 10 year Since Inception Fund Return % 6.13 12.15 3.06 5.52 4.21 4.51 7.06 13.46 2.00 5.21 7.69 Benchmark Return % 6 21 12 08 1.88 4.70 3 68 Category Average % 66 55 20 20 % Rank in Category 725 706 652 619 # of Funds in Category



3- Tear hisk Wietrics			
	Fund	Bmark	Cat
Alpha	_	_	_
Beta	_	_	_
R-Squared	_	_	_
Standard Deviation	7.89	_	7.80
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	-	-
Up Capture Ratio	_	_	-
Down Capture Ratio	_	_	-

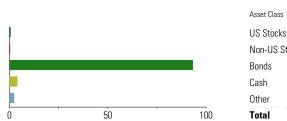
Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	3.66	-	3.13
Avg Eff Maturity	5.11	_	4.81



# Eaton Vance Income Fund of Boston R6 EIBRX

Morningstar CategoryMorningstar IndexHigh Yield BondICE BofA US High Yield TR USD

Style Analys	<b>sis</b> as of 12-31-2023
Style Breakdo	own
Fixed Income	Quality
	High
	Mid
	Low
Ltd Mod E	Ext



Asset Allocation as of 12-31-2023

Total	100.00	100.00
Other	2.26	1.42
Cash	3.93	2.63
Bonds	93.20	95.08
Non-US Stocks	0.18	0.05
US Stocks	0.44	0.81
Asset Class	Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	0.00	_	3.92
AA	0.00	_	0.38
A	0.00	_	0.26
BBB	6.17	_	5.90
BB	39.25	_	36.20
В	40.85	_	40.32
Below B	11.23	_	11.07
Not Rated	2.50	-	1.95

Sector Weighting as of 12-3	31-2023					
	Fund	Bmark	Cat	Fund	▼ Benchmark	Category Average
Government	0.00	_	2.34	10		
Treasury	0.00	_	0.98	0		
Inflation – Protected	0.00	_	0.01			
Agency/Quasi Agency	0.00	_	0.02			
Other Government Related	0.00	_	1.33	10		
Corporate	96.01	_	90.22			
Corporate Bond	88.96	_	87.03			
Bank Loan	5.15	_	2.35			
Convertible	0.84	_	0.39			
Preferred	1.06	_	0.45			
Securitized	0.00	-	1.45	I[		
Agency MBS Pass-Through	0.00	_	0.11			
Agency MBS ARM	0.00	_	0.00			
Agency MBS CMO	0.00	_	0.04	ĺ		
Non-Agency Residential MBS	0.00	_	0.06			
Commercial MBS	0.00	_	0.11			
Asset-Backed	0.00	_	1.13	0		
Covered Bond	0.00	_	0.00			
Municipal	0.00	-	0.03			
Cash & Equivalents	3.99	-	4.06			
Other	0.00	_	1.90	10		

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

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
Msilf Government Portfolio Msilf Government Portfolio	12-2030	3.68	3.68	_
CCO Holdings, LLC/ CCO Holdings Capital Corp. 4.5%	08-2030	0.81	4.49	_
⊕ Mozart Debt Merger Subordinated Inc. 5.25%	10-2029	0.76	5.26	_
Heartland Dental LLC / Heartland Dental Finance Corp. 10.5%	04-2028	0.58	5.84	_
Rolls-Royce PLC 5.75%	10-2027	0.58	6.41	-
Neptune Energy Bondco PLC 6.625%	05-2025	0.53	6.94	_
Panther Bf Agg 2 Fixed Coupon 4.375000 Maturity 20260515	05-2026	0.52	7.46	_
BCPE Empire Topco Inc 7.625%	05-2027	0.51	7.97	_
⊕ iShares Broad USD High Yield Corp Bd ETF	_	0.50	8.48	_
⊕ AlixPartners, LLP	02-2028	0.50	8.98	_

Total Holdings 446



## Federated Hermes Govt Ultrashort R6 FGULX

Morningstar Category
Ultrashort Bond

Morningstar Index

Bloomberg US Agg Bond TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

Performance: The fund has finished in the Ultrashort Bond category's top three quartiles in 5 of the 7 years it's been in existence.

Management: The fund's management has been in place for 26.49 years.

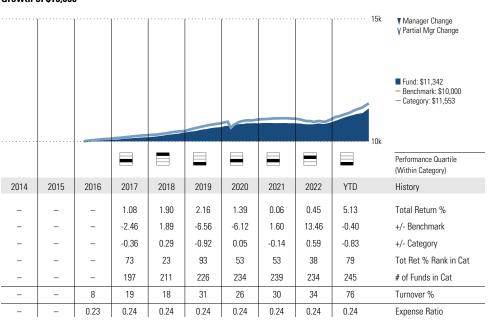
Style Consistency is not calculated for Fixed Income funds.

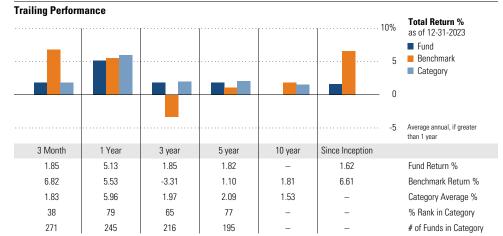
Net Expense: The fund's expense ratio of 0.24 is 41.46% lower than the Ultrashort Bond category average.

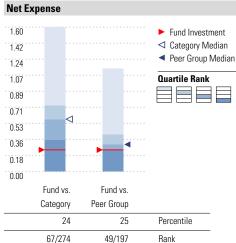
#### **Morningstar Investment Management LLC Analysis**

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







3-1 cai mak memea			
	Fund	Bmark	Cat
Alpha	_	-	-
Beta	_	-	-
R-Squared	_	-	_
Standard Deviation	0.86	_	1.19
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	_	-	_
Down Capture Ratio	_	-	-

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	0.57	4.43	1.00
Avg Eff Maturity	_	_	1.62



## Federated Hermes Govt Ultrashort R6 FGULX

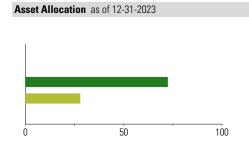
Morningstar Category
Ultrashort Bond

Morningstar Index Bloomberg US Agg Bond TR USD

Style Analysis as of 12-31-2023 Style Breakdown

Duration





27.72 0.00	43.34 -0.67
27.72	43.34
72.28	56.14
0.00	0.41
0.00	0.77
Net %	Cat%
	0.00

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	100.00	3.53	44.82
AA	0.00	74.59	17.31
A	0.00	10.82	16.11
BBB	0.00	8.32	17.65
BB	0.00	0.28	1.86
В	0.00	0.00	0.80
Below B	0.00	0.00	0.23
Not Rated	0.00	2.46	1.21

Other	0.00		1.76		- 1					-	-	-	-	 
Cash & Equivalents	27.20	-	26.78											
Municipal	0.00	-	0.66	- []										
Covered Bond	0.00	_	0.00	[										
Asset-Backed	0.00	_	18.07											
Commercial MBS	0.00	_	2.46	! [										
Non-Agency Residential MBS	0.00	_	0.04											
Agency MBS CMO	62.23	-	1.87											
Agency MBS ARM	0.09	-	0.25											
Agency MBS Pass-Through	6.52	_	0.37											
Securitized	68.84	-	23.06											
Preferred	0.00	_	0.02											
Convertible	0.00	_	0.05	ĺ										
Bank Loan	0.00	_	0.63	0										
Corporate Bond	0.00	_	27.07	i				]						
Corporate	0.00	_	27.77	1										
Other Government Related	0.00	_	2.13	i [										
Agency/Quasi Agency	1.80	_	1.98											
Inflation – Protected	0.00	_	0.00			1								
Treasury	2.16	_	15.82		-									
Government	3.96	_	19.93	-	. 50	Π			.090.		, ago			
	Fund	Bmark	Cat	Fund	Re	nchm	ark	I Car	eanr	γ Ανε	rane			

<b>Top 10 Holdings</b> as of 12-31-2023				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Hsbc Repo 2 Repo	10-2023	10.58	10.58	_
⊕ Bank Of Montreal 2 Repo	10-2023	10.58	21.16	_
⊕ Bofam Repo 1 Repo	10-2023	6.04	27.20	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.97135%	04-2033	5.60	32.80	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.82135%	12-2032	4.57	37.36	_
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.87135%	12-2032	4.21	41.57	_
⊕ Government National Mortgage Association 5.12871%	01-2073	3.76	45.33	_
→ FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.96495%	07-2053	3.48	48.81	_
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 6.19135%	10-2032	3.17	51.97	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 6.19135%	11-2032	2.76	54.74	_

Total Holdings 191



### MFS Growth R6 MFEKX

#### Portfolio Manager(s)

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

#### Quantitative Screens

- Performance: The fund has finished in the Large Growth category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 21.76 years.
- Style: The fund has landed in its primary style box Large Growth — 100 % of the time over the past three
- Net Expense: The fund's expense ratio of 0.5 is 46.24% 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.

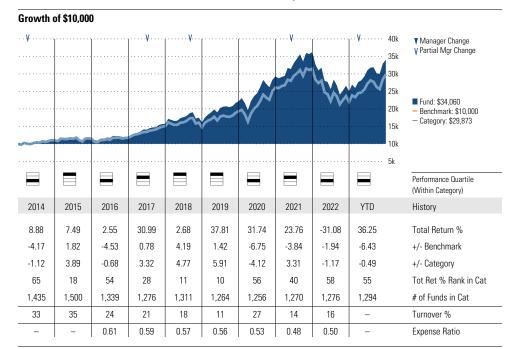
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	02-15-2022

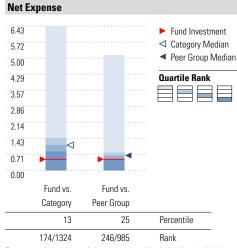
#### **Morningstar Category** Large Growth

Morningstar Index

Russell 1000 Growth TR USD







3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	_	_	_
Beta	_	_	_
R-Squared	_	-	-
Standard Deviation	20.18	-	21.31
Sharpe Ratio	_	-	-
Tracking Error	_	-	-
Information Ratio	_	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	_	_	_

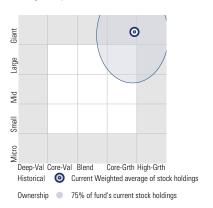
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	36.18	33.00	31.29
Price/Book Ratio	8.71	10.90	8.04
Geom Avg Mkt Cap \$B	394.18	427.90	440.36
ROE	35.68	40.31	34.88



### MFS Growth R6 MFEKX

### Style Analysis as of 12-31-2023

Morningstar Style Box™



### Style Breakdown

Equity

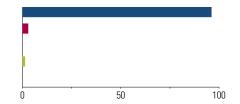
1	16	68	Large
0	3	12	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

### Asset Allocation as of 12-31-2023



Total	100.00	100.00
Other	0.00	0.97
Cash	1.15	1.44
Bonds	0.00	0.00
Non-US Stocks	2.78	4.32
US Stocks	96.07	93.27
Asset Class	Net %	Cat%

Morningstar Index

Russell 1000 Growth TR USD

**Morningstar Category** 

Large Growth

		Fund	Bmark	Cat	Fund	<ul> <li>Benchmark</li> </ul>	_ [] C	ategor	y Avera	age		
b	Cyclical	27.42	23.41	25.84								
ė.	Basic Materials	5.22	0.65	1.27								
<b>P</b>	Consumer Cyclical	10.29	15.72	14.45								
ê	Financial Services	10.74	6.09	8.88								
b	Real Estate	1.17	0.95	1.24								
NF	Sensitive	60.90	61.76	57.71								
	Communication Services	13.57	11.36	11.14	_							
•	Energy	0.49	0.50	1.52	i]							
þ	Industrials	5.84	5.21	6.11						1		
1	Technology	41.00	44.69	38.94		· · · · ·				•		
÷	Defensive	11.69	14.83	16.45								
Ę	Consumer Defensive	0.78	4.14	3.10	• [							
ì	Healthcare	10.91	10.63	13.04								
2	Utilities	0.00	0.06	0.31	i							

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
				g
Microsoft Corp	15.12	15.12	57.96	Technology
Amazon.com Inc	6.49	21.61	80.88	Consumer Cyclical
Alphabet Inc Class A	6.20	27.81	58.32	Communication Svc
Apple Inc	6.00	33.82	48.91	Technology
NVIDIA Corp	5.80	39.62	238.98	Technology
⊕ Meta Platforms Inc Class A	4.36	43.98	194.13	Communication Svc
Mastercard Inc Class A	3.89	47.87	23.31	Financial Services
Visa Inc Class A	3.36	51.23	26.21	Financial Services
Eli Lilly and Co	2.60	53.83	60.57	Healthcare
Boston Scientific Corp	1.98	55.81	24.94	Healthcare
€ Linde PLC	1.86	57.67	27.48	Basic Materials
€ Cadence Design Systems Inc	1.86	59.53	69.55	Technology
Verisk Analytics Inc	1.85	61.38	36.16	Industrials
Vulcan Materials Co	1.79	63.17	30.62	Basic Materials
ServiceNow Inc	1.72	64.88	81.96	Technology

**Total Holdings** 65



# 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 5.17 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.

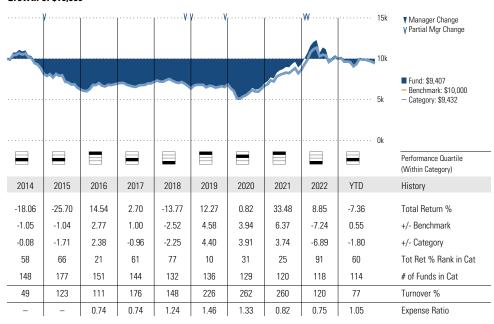
#### **Morningstar Investment Management LLC Analysis**

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.

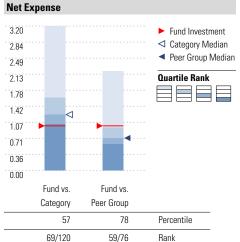
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	06-30-2023

#### Growth of \$10,000







3-Year hisk weirics			
	Fund	Bmark	Cat
Alpha	_	_	_
Beta	_	_	_
R-Squared	_	_	_
Standard Deviation	18.05	_	16.44
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	_	_	-

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

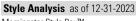


# PIMCO Commodity Real Ret Strat Instl PCRIX

#### Morningstar Category Mo Commodities Broad Basket Blo

Morningstar Index

Bloomberg Commodity TR USD



Morningstar Style Box™





Equity



value biellu (

Weight %

>50 25-50 10-25 0-10



		Fund	Bmark	Cat	Fund	•	Benchma	ark [	Categ	jory Av	erage		
	Cyclical	-	-	44.68									
	Basic Materials	-	_	44.68									
	Consumer Cyclical	_	_	0.00	ĺ								
	Financial Services	_	_	0.00	0								
1	Real Estate	_	_	0.00									
•	Sensitive	-	-	51.07									
	Communication Services	_	_	0.00	Ò								
	Energy	_	_	48.94									
	Industrials	-	_	2.13									
	Technology	_	_	0.00	İ								
	Defensive	-	-	4.26									
	Consumer Defensive	-	_	4.26									
	Healthcare	_	_	0.00	į								
	Utilities	_	_	0.00	İ								

<b>Top 15 Holdings</b> as of 12-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	20.14	20.14	_	_
⊕ Euro Schatz Future Dec 23	15.33	35.47	_	-
⊕ United States Treasury Notes 0.125%	14.26	49.73	_	-
🌣 Cash Offset	11.03	60.76	_	-
⊕ 5 Year Treasury Note Future Dec 23	10.34	71.11	-	-
⊕ US Treasury Bond Future Dec 23	9.34	80.45	_	_
⊕ United States Treasury Notes 0.125%	8.53	88.98	_	-
⊕ EUROPEAN MONETARY UNION EURO Purchased	7.93	96.91	_	-
─ EUROPEAN MONETARY UNION EURO Sold	7.93	104.84	_	-
Pimco Cayman Cmdty Fd Ltd Instl	7.50	112.34	-	-
⊕ 10 Year Treasury Note Future Dec 23	7.44	119.78	_	_
⊕ IRS EUR 3.00000 03/20/24-10Y LCH Pay	7.26	127.04	-	_
⊕ IRS EUR 3.00000 03/20/24-10Y LCH Receive	7.06	134.10	_	-
⊕ United States Treasury Notes 0.5%	6.95	141.05	-	_
⊕ TRS R 5.49/91282CDC2 BPS	6.82	147.87	_	_

**Total Holdings 829** 



# PIMCO Income Insti PIMIX

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 16.77 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.62 is
 36.08% 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.

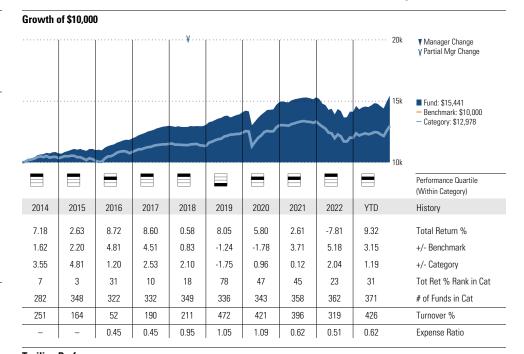
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	11-30-2023

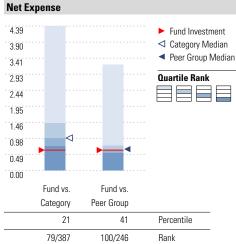
## Morningstar Category Multisector Bond

Morningstar Index

Bloomberg US Universal TR USD







3-1 ear nisk weities			
	Fund	Bmark	Cat
Alpha	-	_	-
Beta	_	_	_
R-Squared	_	_	_
Standard Deviation	6.26	_	6.28
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	_	_	_

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	4.74	4.55	4.55
Avg Eff Maturity	6.66	7.69	7.15



# PIMCO Income Insti PIMIX

Style Analysis as of 12-31-2023
Style Breakdown
Fixed Income

Quality

Given Service S

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	58.75	67.64	17.08
AA	9.36	3.23	10.35
A	3.45	10.03	9.12
BBB	11.28	10.89	25.29
BB	6.19	3.19	17.84
В	3.88	3.64	12.22
Below B	7.09	1.38	4.18
Not Rated	0.00	0.00	3.92



Sector Weighting as of 12-		D 1					. По					
	Fund	Bmark	Cat	Fund		Benchm	ark    C	ategory	Average			
Government	39.78	-	30.77									
Treasury	1.66	_	9.43									
Inflation – Protected	2.64	-	0.80									
Agency/Quasi Agency	0.03	_	0.56									
Other Government Related	35.45	_	19.98									
Corporate	3.11	-	34.53								0	
Corporate Bond	2.36	_	29.21									
Bank Loan	0.71	_	3.06									
Convertible	0.02	_	0.68									
Preferred	0.02	_	1.58									
Securitized	22.97	-	25.96									
Agency MBS Pass-Through	12.61	_	9.20				1					
Agency MBS ARM	0.00	_	0.10									
Agency MBS CM0	0.13	_	1.59	i [								
Non-Agency Residential MBS	3.73	_	3.34									
Commercial MBS	0.28	_	2.00									
Asset-Backed	6.22	_	9.73									
Covered Bond	0.00	_	0.00									
Municipal	0.02	_	0.33									
Cash & Equivalents	24.54	-	4.13									
Other	9.40	-	4.26									
				0%	5	10	15	20	25	30	35	40

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
Ø Offset: Unsettled Trades	_	43.27	43.27	_
⊕ RFR USD SOFR/5.10000 05/22/23-1Y LCH Pay	05-2024	32.51	75.78	_
⊕ RFR USD SOFR/5.10000 05/22/23-1Y LCH Receive	05-2024	32.41	108.20	_
⊕ RFR USD SOFR/5.40000 06/06/23-1Y LCH Pay	06-2024	19.13	127.33	_
⊕ RFR USD SOFR/5.40000 06/06/23-1Y LCH Receive	06-2024	19.11	146.44	_
⊕ RFR USD SOFR/4.50000 05/22/23-2Y LCH Pay	05-2025	16.76	163.21	_
⊕ RFR USD SOFR/4.50000 05/22/23-2Y LCH Receive	05-2025	16.59	179.80	_
⊕ RFRF USD SF+26.161/1.270 11/04/22-1Y LCH Pay	11-2023	12.26	192.06	_
⊕ RFRF USD SF+26.161/1.270 11/04/22-1Y LCH Receive	11-2023	12.21	204.27	_
⊕ RFR USD SOFR/4.90000 06/06/23-2Y LCH Pay	06-2025	9.87	214.14	_

Total Holdings 8706



# PIMCO International Bond (USD-Hdg) Instl PFORX

Morningstar Category Global Bond-USD Hedged Morningstar Index

Bloomberg US Agg Bond TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 9.27 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.63 is 10% lower than the Global Bond-USD Hedged category average.

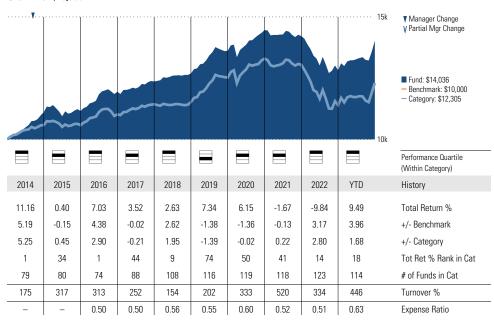
#### **Morningstar Investment Management LLC Analysis**

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

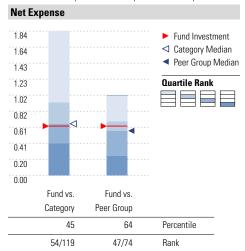
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023

#### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 12-31-2023 ■ Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year Fund Return % 5.98 9.49 -0.99 2.04 3.45 6.28 6.82 5.53 -3.31 1.10 1.81 6.61 Benchmark Return % 6 27 7 81 -2 48 1 93 1.26 Category Average % 70 18 4 13 % Rank in Category 115 114 107 101 63 # of Funds in Category



3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	_	-	_
Beta	_	-	_
R-Squared	_	-	_
Standard Deviation	4.97	-	6.41
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	_	_	_

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	5.91	4.43	6.05
Avg Eff Maturity	7.29	-	7.81



AA

Α

BBB

BB

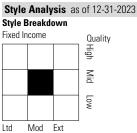
В

Below B

Not Rated

# PIMCO International Bond (USD-Hdg) Instl PFORX

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



Ltd Mod Ext			
	Fund	Pmork	Cot
Credit Rating Breakdown	Fund	Bmark	Cat
AAA	51.61	3.53	31.53

16.02

14.94

14.64

0.83

0.38

1.58

0.00

74.59

10.82

8.32

0.28

0.00

0.00

2.46

14.96

27.45

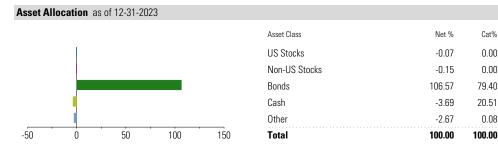
17.92

3.25

1.49

0.80

2.59



Sector Weighting as of 12-	31-2023												
	Fund	Bmark	Cat	Fund	,	Benchr	mark	[] Cate	gory Ave	rage			
Government	43.73	_	41.03										
Treasury	9.12	_	29.65							0			
Inflation – Protected	0.99	-	1.25										
Agency/Quasi Agency	0.26	_	3.54	1									
Other Government Related	33.36	_	6.59										
Corporate	1.52	-	10.82			[]							
Corporate Bond	1.43	-	10.68										
Bank Loan	0.09	_	0.11										
Convertible	0.00	_	0.01	Ö									
Preferred	0.00	_	0.02	ĺ									
Securitized	10.93	-	5.35										
Agency MBS Pass-Through	6.70	_	3.17										
Agency MBS ARM	0.00	_	0.00										
Agency MBS CMO	0.01	_	0.29										
Non-Agency Residential MBS	1.20	_	0.14										
Commercial MBS	0.15	_	0.16										
Asset-Backed	1.98	_	1.23										
Covered Bond	0.89	_	0.36	0									
Municipal	0.03	_	0.06										
Cash & Equivalents	26.65	-	19.92										
Other	17.11	-	22.83										
				00/		10	15	20	25	20	25	40	

		0%	5 10 15	20 25 30	35 4	40 45
<b>Top 10 Holdings</b> as of 12-31-2023						
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector		
⊕ IRS EUR 3.25000 03/20/24-5Y LCH Pay	03-2029	23.87	23.87	_		
⊕ IRS EUR 3.25000 03/20/24-5Y LCH Receive	03-2029	23.83	47.70	_		
Cash Offset	_	21.03	68.74	_		
→ 3 Month SOFR Future Dec 24	03-2025	19.58	88.32	_		
★ Offset: Unsettled Trades	-	19.49	107.80	_		
① 3 Month SOFR Future Mar 24	06-2024	16.00	123.81	_		
① IRS EUR 3.00000 03/20/24-10Y LCH Pay	03-2034	14.68	138.49	_		
① IRS EUR 3.00000 03/20/24-10Y LCH Receive	03-2034	14.27	152.75	_		
⊕ CDX IG41 5Y ICE	12-2028	12.33	165.09	_		
⊖ RFR USD SOFR/4.25000 12/20/23-2Y LCH Pay	12-2025	11.62	176.71	_		

Total Holdings 1561



## 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 14.33 years.

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

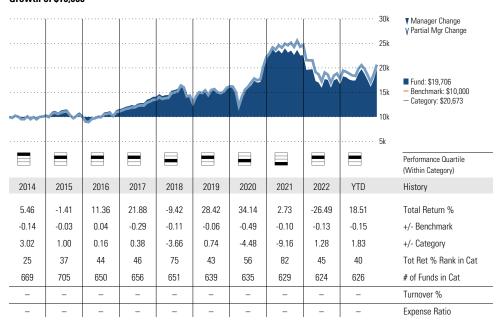
#### **Morningstar Investment Management LLC Analysis**

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.

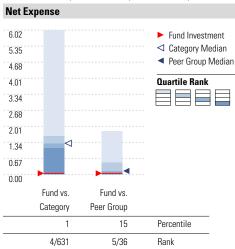
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Medium Risk	12-31-2022

### Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	_	_	_
Beta	_	_	_
R-Squared	_	_	_
Standard Deviation	22.07	_	21.48
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	_	_	_

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	21.87	21.91	26.28
Price/Book Ratio	3.99	3.98	3.80
Geom Avg Mkt Cap \$B	3.01	3.00	5.97
ROE	9.08	9.00	15.98



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

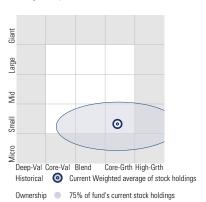
# Morningstar Category Small Growth

### Morningstar Index

Russell 2000 Growth TR USD

### Style Analysis as of 12-31-2023

Morningstar Style Box™



### Style Breakdown

Equity

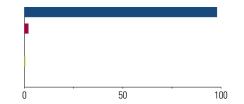
Lquity			
0	0	0	Large
0	1	3	Mid
11	33	52	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	1.19
Cash	0.26	2.00
Bonds	0.00	0.03
Non-US Stocks	1.88	4.37
US Stocks	97.86	92.40
Asset Class	Net %	Cat%

	ctor Weighting as of 12-3															
		Fund	Bmark	Cat	Fun	d	▼ Be	nchma	ark 📗	Categ	jory Av	/erage				
<u></u>	Cyclical	22.04	21.96	24.36												
æ.	Basic Materials	4.57	4.57	3.08			į									
<b>A</b>	Consumer Cyclical	10.09	10.05	10.83												
æ	Financial Services	5.66	5.65	8.11												
<b>fi</b>	Real Estate	1.72	1.69	2.34												
W	Sensitive	49.35	49.40	51.10												
	Communication Services	1.93	1.90	1.57		j										
ð	Energy	4.28	4.46	4.41												
Ф	Industrials	18.23	18.20	19.88					<b>i</b> [							
	Technology	24.91	24.84	25.24												
<b>-</b>	Defensive	28.61	28.63	24.54												
=	Consumer Defensive	4.84	4.87	4.60												
٠	Healthcare	22.18	22.18	19.20												
•	Utilities	1.59	1.58	0.74	0											
					0%	5	10	15	20	25	30	35	40	45	50	55

<b>Top 15 Holdings</b> as of 12-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Super Micro Computer Inc	1.08	1.08	246.24	Technology
	0.69	1.76	124.50	Basic Materials
⊕ e.l.f. Beauty Inc	0.63	2.39	161.01	Consumer Defensive
MicroStrategy Inc Class A	0.62	3.01	346.15	Technology
⊝ Rambus Inc	0.60	3.61	90.54	Technology
Qualys Inc	0.59	4.20	74.89	Technology
⊖ Comfort Systems USA Inc	0.59	4.78	79.46	Industrials
Cytokinetics Inc	0.58	5.36	82.21	Healthcare
⇒ SPS Commerce Inc	0.58	5.94	50.93	Technology
⇒ Fabrinet	0.56	6.51	48.44	Technology
Weatherford International PLC Ordinary Shares - New	0.56	7.06	92.12	Energy
	0.54	7.60	35.34	Healthcare
⊕ Duolingo Inc	0.54	8.14	-	Technology
Applied Industrial Technologies Inc	0.54	8.68	38.13	Industrials
Onto Innovation Inc	0.52	9.20	124.56	Technology

### Total Holdings 1044



## 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**

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

- Management: The fund's management has been in place for 14.33 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 95.54% lower than the Small Value category average.

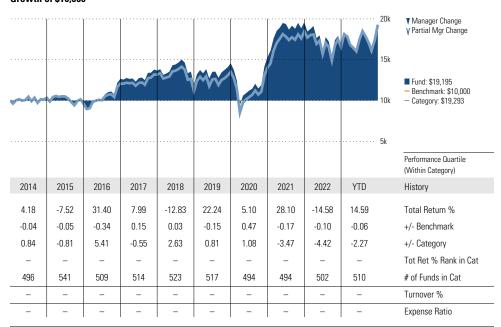
#### **Morningstar Investment Management LLC Analysis**

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.

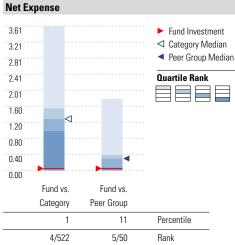
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	11-30-2023
Carbon Risk Score	Medium Risk	12-31-2022

#### Growth of \$10,000







3-Year RISK Wietrics			
	Fund	Bmark	Cat
Alpha	-	_	_
Beta	-	_	_
R-Squared	-	_	_
Standard Deviation	22.07	_	21.58
Sharpe Ratio	_	_	-
Tracking Error	_	_	-
Information Ratio	_	_	-
Up Capture Ratio	_	_	-
Down Capture Ratio	_	_	-

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	11.03	11.08	13.11
Price/Book Ratio	1.33	1.33	1.61
Geom Avg Mkt Cap \$B	2.08	2.06	4.28
ROE	6.10	6.04	13.93



# 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 12-31-2023

Morningstar Style Box™



### Style Breakdown

Equity

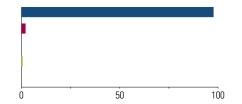
-quit,			
0	0	0	Large
0	1	0	Mid
49	39	10	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

#### Asset Allocation as of 12-31-2023



Total	100.00	100.00
Other	0.00	0.07
Cash	0.45	3.27
Bonds	0.00	0.10
Non-US Stocks	1.94	3.13
US Stocks	97.61	93.45
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund ▼ Benchmark [] Category Average
b	Cyclical	53.03	52.87	50.05	
ė.	Basic Materials	5.03	5.10	6.35	
<b>-</b>	Consumer Cyclical	10.96	10.91	14.59	
<b>_</b>	Financial Services	24.26	24.11	23.02	
b	Real Estate	12.78	12.75	6.09	
NF	Sensitive	30.97	30.99	37.51	
	Communication Services	2.30	2.22	1.87	
•	Energy	8.83	8.86	8.17	0
þ	Industrials	12.43	12.49	18.00	
1	Technology	7.41	7.42	9.47	
+	Defensive	16.01	16.14	12.42	
Ę	Consumer Defensive	3.28	3.31	4.26	
r	Healthcare	8.85	8.97	5.52	
2	Utilities	3.88	3.86	2.64	

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ E-Mini Russ 2000 Mar24 Xcme 20240315	0.58	0.58	_	_
⊕ Chord Energy Corp Ordinary Shares - New	0.53	1.11	30.19	Energy
⊕ SouthState Corp	0.49	1.60	13.27	Financial Services
→ UFP Industries Inc	0.49	2.09	59.81	Basic Materials
⊕ Murphy Oil Corp	0.48	2.57	1.74	Energy
⊕ Meritage Homes Corp	0.48	3.05	90.11	Consumer Cyclical
⊕ Commercial Metals Co	0.44	3.50	4.93	Basic Materials
⊕ State Street Corporation Short Term Investment Fund	0.43	3.93	_	_
⊕ Civitas Resources Inc Ordinary Shares	0.42	4.35	31.16	Energy
⊕ Essent Group Ltd	0.42	4.77	38.22	Financial Services
⊕ Taylor Morrison Home Corp	0.42	5.19	75.78	Consumer Cyclical
⊕ Cadence Bank	0.41	5.61	23.80	Financial Services
⊕ BellRing Brands Inc Class A	0.41	6.02	116.19	Consumer Defensive
	0.41	6.42	0.47	Energy
⊕ Terreno Realty Corp	0.40	6.82	13.19	Real Estate

#### **Total Holdings 1401**



# 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**

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

Management: The fund's management has been in place for 6.09 years.

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

Net Expense: The fund's expense ratio of 0.04 is 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	11-30-2023
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		····•	
1	Fund vs.	Fund vs.	
C	Category	Peer Group	
	6	32	Percentile
10	01/1691	165/518	Rank

3-1 cai nisk inchics			
	Fund	Bmark	Cat
Alpha	_	-	-
Beta	_	-	-
R-Squared	_	-	-
Standard Deviation	17.54	-	17.04
Sharpe Ratio	_	-	-
Tracking Error	_	-	-
Information Ratio	_	-	-
Up Capture Ratio	_	-	-
Down Capture Ratio	-	-	-

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	23.61	23.61	22.67
Price/Book Ratio	4.20	4.19	4.67
Geom Avg Mkt Cap \$B	241.88	241.61	282.66
ROE	31.53	31.50	30.87



# Vanguard 500 Index Admiral VFIAX

Asset Allocation as of 12-31-2023

#### **Morningstar Category** Morningstar Index Large Blend S&P 500 TR USD

Net %

99.17

0.56

0.00

0.27

0.00

100.00

Cat%

95.35

2.42

-0.53

1.50

1.24

100.00

### Style Analysis as of 12-31-2023

Morningstar Style Box™



### Style Breakdown

Equity

15	24	43	Laige
6	9	3	MIN
0	0	0	ollidii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



				_	- ·
		Fund	Bmark	Cat	Fund • Benchmark   Category Average
b	Cyclical	28.24	28.24	28.24	
A.	Basic Materials	2.20	2.19	2.75	
<b>A</b>	Consumer Cyclical	11.02	11.01	10.16	
	Financial Services	12.50	12.52	13.17	
<b>fi</b>	Real Estate	2.52	2.52	2.16	
M	Sensitive	50.64	50.65	49.61	
	Communication Services	8.58	8.58	8.09	
ð	Energy	3.89	3.89	4.29	
Ф	Industrials	8.36	8.37	9.99	
	Technology	29.81	29.81	27.24	
<b>→</b>	Defensive	21.13	21.12	22.15	
=	Consumer Defensive	6.11	6.11	6.37	
٠	Healthcare	12.67	12.67	13.60	
•	Utilities	2.35	2.34	2.18	

<b>Top 15 Holdings</b> as of 12-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	7.02	7.02	48.91	Technology
	6.97	13.99	57.96	Technology
⊕ Amazon.com Inc	3.44	17.43	80.88	Consumer Cyclical
⊕ NVIDIA Corp	3.05	20.48	238.98	Technology
	2.06	22.54	58.32	Communication Svc
⊕ Meta Platforms Inc Class A	1.96	24.50	194.13	Communication Svc
	1.75	26.25	58.83	Communication Svc
⊕ Tesla Inc	1.71	27.96	101.72	Consumer Cyclical
→ Berkshire Hathaway Inc Class B	1.62	29.58	15.46	Financial Services
∋ JPMorgan Chase & Co	1.23	30.81	29.87	Financial Services
⊕ Broadcom Inc	1.22	32.03	103.05	Technology
⊕ UnitedHealth Group Inc	1.21	33.24	0.68	Healthcare
⊕ Eli Lilly and Co	1.16	34.40	60.57	Healthcare
⇒ Visa Inc Class A	1.03	35.43	26.21	Financial Services
Exxon Mobil Corp	1.00	36.43	-6.02	Energy

Total Holdings 508



## Vanguard Inflation-Protected Secs Adm VAIPX

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

#### Portfolio Manager(s)

John Madziyire since 11-2021

#### **Quantitative Screens**

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

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

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.1 is 83.87% lower than the Inflation-Protected Bond category average.

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023

#### Growth of \$10,000



# **Trailing Performance**





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

23/167

Rank

3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	-	-	_
Beta	-	-	_
R-Squared	-	-	_
Standard Deviation	7.12	-	6.62
Sharpe Ratio	-	-	_
Tracking Error	_	-	_
Information Ratio	_	-	_
Up Capture Ratio	_	-	_
Down Capture Ratio	_	-	_

Portfolio Metrics	Metrics					
	Fund	Bmark	Cat			
Avg Eff Duration	6.48	4.52	6.01			
Avg Eff Maturity	7.00	_	6.37			



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# Vanguard Inflation-Protected Secs Adm VAIPX

Morningstar Category
Inflation-Protected Bond

Morningstar Index Bloomberg US Treasury US TIPS TR USD





Asset Class	Net %	Cat%
US Stocks	0.00	0.11
Non-US Stocks	0.00	0.00
Bonds	99.62	97.18
Cash	0.38	1.81
Other	0.00	0.91
Total	100.00	100.00

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	99.91	0.00	31.40
AA	0.00	99.60	66.93
A	0.00	0.00	0.44
BBB	0.00	0.00	0.54
BB	0.00	0.00	0.04
В	0.00	0.00	0.05
Below B	0.00	0.00	0.14
Not Rated	0.09	0.40	0.46

		Б							1 0						
	Fund	Bmark	Cat	Fund	<b>T</b>	Bencl	nmar	k [	Cat	egor	γ Αι	/era	ge		
Government	99.62	_	90.21				-								
Treasury	2.21	_	0.25												
nflation – Protected	97.41	_	84.48												
Agency/Quasi Agency	0.00	-	0.08												
Other Government Related	0.00	_	5.40												
Corporate	0.00	_	1.15	([											
Corporate Bond	0.00	_	1.10	0											
Bank Loan	0.00	-	0.04												
Convertible	0.00	_	0.00	j i											
Preferred	0.00	_	0.01	Ó											
Securitized	0.00	-	3.65	1 []											
Agency MBS Pass-Through	0.00	_	1.35	(0											
Agency MBS ARM	0.00	_	0.00	İ											
Agency MBS CMO	0.00	_	0.25												
Non-Agency Residential MBS	0.00	_	0.09												
Commercial MBS	0.00	_	0.17												
Asset-Backed	0.00	_	1.62	[]											
Covered Bond	0.00	_	0.17												
Municipal	0.00	-	0.01												
Cash & Equivalents	0.38	-	4.88	1 [											
Other	0.00	_	0.12												

3.02

2.95

29.28

32.23

Name Maturity Date % Net Asset Cumulative % Fixed Income Sector ① United States Treasury Notes 3.58 3.58 United States Treasury Notes 3.52 7.10 United States Treasury Notes 3.38 10.49 United States Treasury Notes 3.23 13.71 United States Treasury Notes 16.93 3.22 ① United States Treasury Notes 3.15 20.09 United States Treasury Notes 3.09 23.18 United States Treasury Notes 3.08 26.26

Total Holdings 57

United States Treasury Notes

United States Treasury Notes

Top 10 Holdings as of 12-31-2023



# Vanguard International Growth Adm VWILX

Morningstar Category Foreign Large Growth Morningstar Index MSCI EAFE NR USD

#### Portfolio Manager(s)

Simon Webber since 12-2009 Thomas Coutts since 12-2016 James Gautrey since 12-2020 Lawrence Burns since 12-2020

#### **Quantitative Screens**

- Performance: The fund has finished in the Foreign Large Growth category's top three quartiles in 8 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 14.02 years.
- Q Net Expense: The fund's expense ratio of 0.31 is 69.61% lower than the Foreign Large Growth category average.

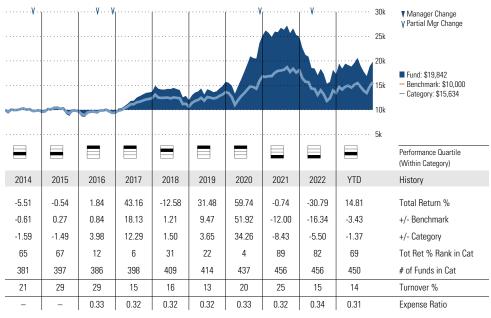
#### **Morningstar Investment Management LLC Analysis**

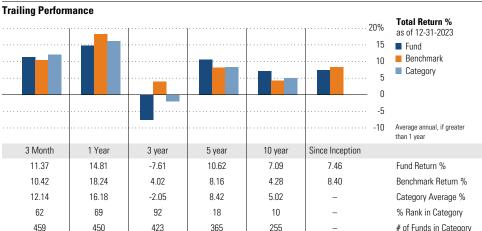
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

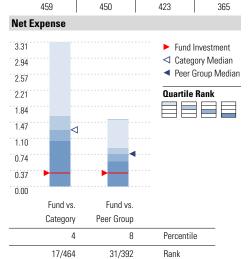
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022

## Growth of \$10,000







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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	_	_	_
Beta	_	_	_
R-Squared	_	-	_
Standard Deviation	22.73	-	19.82
Sharpe Ratio	_	-	_
Tracking Error	_	-	_
Information Ratio	_	-	_
Up Capture Ratio	_	_	_
Down Capture Ratio	_	_	_

Portfolio Metrics	ortfolio Metrics					
	Fund	Bmark	Cat			
Price/Earnings Ratio	20.42	13.79	21.19			
Price/Book Ratio	3.26	1.72	3.30			
Geom Avg Mkt Cap \$B	54.71	50.39	64.62			
ROE	16.82	18.88	24.42			



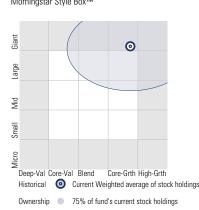
# Vanguard International Growth Adm VWILX

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

Morningstar Index

MSCI EAFE NR USD

### Style Analysis as of 12-31-2023 Morningstar Style Box™





50

Asset Allocation as of 12-31-2023

Total	100.00	100.00
Other	0.92	0.66
Cash	2.04	2.81
Bonds	0.00	0.00
Non-US Stocks	81.58	88.63
US Stocks	15.46	7.90
Asset Glass	INEL 70	Udl 70

### Style Breakdown

Fauity

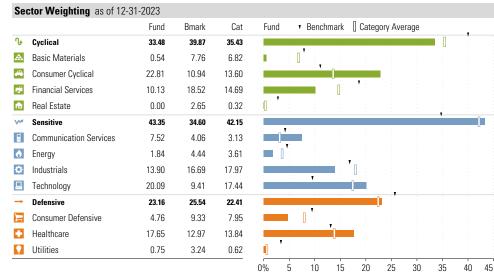
Lquity		
8	29	42
2	7	12
0	0	0



Value Blend Growth

### Weight %

>50 25-50 10-25 0-10



100

### World Regions % Equity 12-31-2023



Greater Asia	Fund % 29.19	Cat % 26.33
Japan	7.46	11.92
Australasia	0.94	1.56
Asia-4 Tigers	7.60	5.60
Asia-ex 4 Tigers	13.19	7.25
Not Classified	0.00	0.00

Fund % 23.74	Cat % 16.61	Greater Europe	Fund % 47.08	Cat % 57.07	Market Maturity	Fund %
16.83	14.13	United Kingdom	7.59	12.56	Developed Markets	79.91
6.91	2.48	W euro-ex UK	38.02	44.00	Emerging Markets	20.09
		Emrgng Europe	0.00	0.04	Not Available	0.00
		Africa	1.47	0.47		
	23.74 16.83	23.74 16.61 16.83 14.13	23.74 16.61 Greater Europe  16.83 14.13 United Kingdom 6.91 2.48 W euro-ex UK Emrgng Europe	23.74     16.61     Greater Europe     47.08       16.83     14.13     United Kingdom     7.59       6.91     2.48     W euro-ex UK     38.02       Emrgng Europe     0.00	23.74     16.61     Greater Europe     47.08     57.07       16.83     14.13     United Kingdom     7.59     12.56       6.91     2.48     W euro-ex UK     38.02     44.00       Emrgng Europe     0.00     0.04	23.74         16.61         Greater Europe         47.08         57.07         Market Maturity           16.83         14.13         United Kingdom         7.59         12.56         Developed Markets           6.91         2.48         W euro-ex UK         38.02         44.00         Emerging Markets           Emrgng Europe         0.00         0.04         Not Available

# **Top 10 Holdings** as of 12-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	5.17	5.17	85.71	Consumer Cyclical
	4.84	10.01	_	Technology
Spotify Technology SA	3.27	13.28	138.01	Communication Svc
⊕ argenx SE	3.08	16.36	_	Healthcare
Tencent Holdings Ltd	2.96	19.32	-	Communication Svc
	2.88	22.20	_	Technology
Moderna Inc	2.38	24.58	-44.63	Healthcare
Genmab A/S	2.12	26.70	_	Healthcare
Ferrari NV	2.09	28.79	58.91	Consumer Cyclical
Atlas Copco AB Class A	1.99	30.78	_	Industrials

### **Total Holdings 158**



# 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**

- Q 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 13.6 years.
- × Style: The fund has landed in its primary style box Large Value 33.33 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.38 is 60.82% lower than the Foreign Large Value category average.

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	11-30-2023
Carbon Risk Score	Medium Risk	12-31-2022

#### Growth of \$10,000







3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	-	-	_
Beta	_	_	_
R-Squared	_	_	_
Standard Deviation	17.31	_	17.29
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	_	_	_

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	13.12	13.79	10.26
Price/Book Ratio	1.70	1.72	1.23
Geom Avg Mkt Cap \$B	32.73	50.39	37.72
ROE	17.22	18.88	15.40





# Vanguard International Value Inv VTRIX

# Morningstar CategoryMorningstar IndexForeign Large ValueMSCI EAFE NR USD

### Style Analysis as of 12-31-2023

Morningstar Style Box™



### Style Breakdown

Equity

24	35	21	Large
3	12	3	Mid
0	1	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 12-31-2023

Total	100.00	100.00
Other	0.40	0.21
Cash	4.70	1.17
Bonds	0.00	0.16
Non-US Stocks	89.90	95.44
US Stocks	5.01	3.01
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-3	31-2023			
		Fund	Bmark	Cat	Fund • Benchmark [] Category Average
<u></u>	Cyclical	43.43	39.87	42.87	
A	Basic Materials	10.46	7.76	8.76	
A	Consumer Cyclical	15.97	10.94	10.76	
æ	Financial Services	16.17	18.52	22.14	Y [
<b>fi</b>	Real Estate	0.83	2.65	1.21	
W	Sensitive	40.07	34.60	35.96	<u>`</u>
	Communication Services	4.86	4.06	5.11	
ð	Energy	6.71	4.44	8.70	
Ф	Industrials	18.01	16.69	14.93	
	Technology	10.49	9.41	7.22	
<b>→</b>	Defensive	16.49	25.54	21.17	
Ħ	Consumer Defensive	6.14	9.33	8.08	
٠	Healthcare	8.37	12.97	9.28	
•	Utilities	1.98	3.24	3.81	
					0% 5 10 15 20 25 30 35 40 49

### World Regions % Equity 12-31-2023



Greater Asia	Fund % 37.96	Cat % 30.27	
Greater Asia	37.96	30.27	,
Japan	12.02	16.70	1
Australasia	0.59	3.52	(
Asia-4 Tigers	11.16	7.30	
Asia-ex 4 Tigers	14.19	2.75	
Not Classified	0.00	0.00	

Americas	Fund % 11.72	Cat % 8.91	Greater Europe	Fund % 50.32	Cat % 60.81	Market Maturity	Fund %
North America	7.44	7.81	United Kingdom	16.08	18.08	Developed Markets	81.26
Central/Latin	4.28	1.10	W euro-ex UK	33.98	41.85	Emerging Markets	18.74
			Emrgng Europe	0.00	0.14	Not Available	0.00
			Africa	0.26	0.74		

<b>Top 10 Holdings</b> as of 12-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Mktliq 12/31/2049	4.08	4.08	_	_
⊕ Alibaba Group Holding Ltd Ordinary Shares	2.15	6.23	_	Consumer Cyclical
→ HSBC Holdings PLC	1.69	7.92	40.02	Financial Services
Airbus SE	1.49	9.40	_	Industrials
⊕ Tencent Holdings Ltd	1.47	10.87	-	Communication Svc
⊕ Shell PLC	1.44	12.31	_	Energy
⊕ Taiwan Semiconductor Manufacturing Co Ltd	1.38	13.69	_	Technology
⊕ Roche Holding AG	1.32	15.01	_	Healthcare
Ryanair Holdings PLC ADR	1.31	16.32	78.38	Industrials
→ BP PLC	1.29	17.61	_	Energy

### Total Holdings 230



# Vanguard LifeStrategy Cnsrv Gr Inv VSCGX

Morningstar Category Moderately Conservative Morningstar Index

Morningstar US Mod Con Tgt Alloc NR

#### 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.

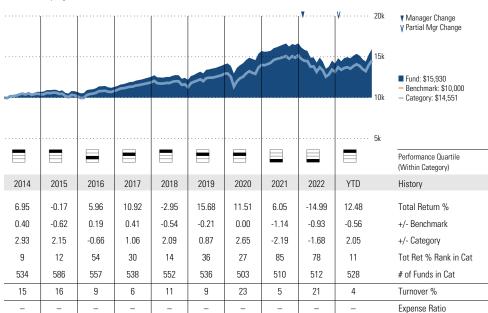
### **Morningstar Investment Management LLC Analysis**

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**

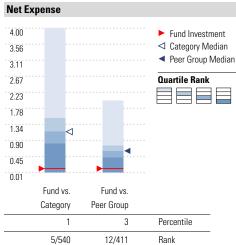
Metric	Rating	Updated		
Sustainability Rating	3	11-30-2023		
ESG Commitment	1-Low	07-19-2023		

#### Growth of \$10,000





3-Year Risk Metrics



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	_	_	-
Beta	_	_	-
R-Squared	_	_	_
Standard Deviation	10.09	_	9.86
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	_	_	-

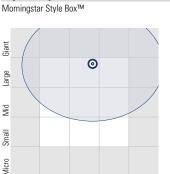
Portfolio Metrics							
	Fund	Bmark	Cat				
Price/Earnings Ratio	17.81	19.22	19.56				
Price/Book Ratio	2.45	2.81	2.99				
Avg Eff Duration	6.56	5.80	5.34				

# Vanguard LifeStrategy Cnsrv Gr Inv VSCGX

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

Allocation

Style Analysis as of 12-31-2023

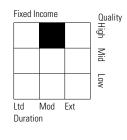




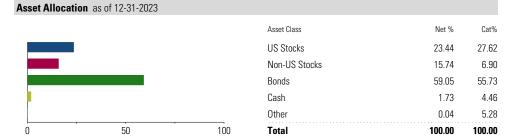
Ownership 75% of fund's current stock holdings

#### Style Breakdown

Equity Large 17 32 Mid5 6 8 2 3 2 Value Blend Growth



>50 25-50 10-25 0-10



	Fund	Bmark	Cat	Fund	▼ B	enchmar	k [] C	ategory	Avera	ge
Cyclical	34.17	32.84	32.95							
Basic Materials	4.61	4.03	3.71							
Consumer Cyclical	11.03	11.13	9.31			Ĭ				
Financial Services	15.46	14.66	13.89							
Real Estate	3.07	3.02	6.04							
Sensitive	45.41	46.59	43.78							
Communication Services	6.91	7.02	6.48		<b>(</b> )					
Energy	4.76	4.43	5.75	•	0					
Industrials	11.44	11.23	10.39			i		_		
Technology	22.30	23.91	21.16					ı '		
Defensive	20.41	20.57	23.28							
Consumer Defensive	6.53	6.40	7.06		<b>=</b> [					
Healthcare	11.24	11.65	12.84			•'[				
Utilities	2.64	2.52	3.38							

<b>Top 6 Holdings</b> as of 12-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Bond Market II Idx Inv	_	41.69	41.69	_	_
○ Vanguard Total Stock Mkt Idx Inv	_	23.55	65.24	-	-
⊕ Vanguard Total Intl Bd II Idx Investor	_	17.88	83.13	_	_
○ Vanguard Total Intl Stock Index Inv	_	16.11	99.24	_	_
⊕ Mktliq 12/31/2049	_	0.75	100.00	-	_
⊖ Us Dollar	-	0.00	100.00	-	-

#### Total Holdings 6



## Vanguard LifeStrategy Growth Inv VASGX

Morningstar Category Moderately Aggressive

IVIORNING

Morningstar US Mod Agg Tgt Alloc NR

Morningstar Index

Allocation

## 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**

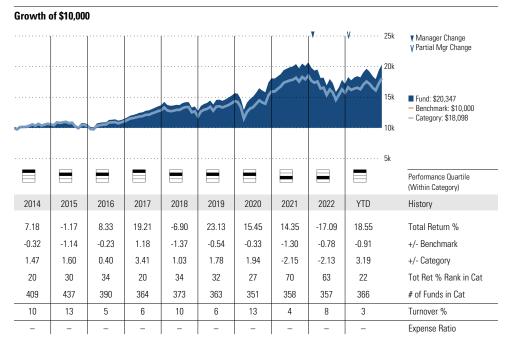
- Q Performance: The fund has finished in the Moderately Aggressive Allocation category's top three quartiles in 10 of the 10 years it's been in existence.
- × Management: The fund's management team has been in place for less than three years.
- Net Expense: The fund's expense ratio of 0.14 is 85.71% 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.

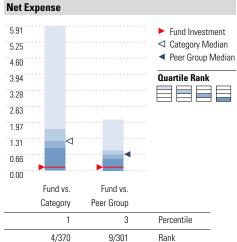
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
ESG Commitment	1-Low	07-19-2023
Carbon Risk Score	Low Risk	12-31-2022





3-Year Risk Metrics



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	_	_	_
Beta	_	_	_
R-Squared	_	-	-
Standard Deviation	14.41	-	14.13
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	-
Up Capture Ratio	_	_	-
Down Capture Ratio	_	_	-

Portfolio Metrics									
	Fund	Bmark	Cat						
Price/Earnings Ratio	17.86	19.38	19.32						
Price/Book Ratio	2.46	2.86	2.79						
Avg Eff Duration	6.57	5.80	6.02						



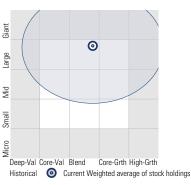
## Vanguard LifeStrategy Growth Inv VASGX

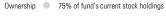
Morningstar Category Moderately Aggressive **Morningstar Index** Morningstar US Mod Agg Tgt Alloc NR

Allocation

Style Analysis as of 12-31-2023

Morningstar Style Box™





Fixed Income

Ltd

Mod Duration

Quality

High

Mid

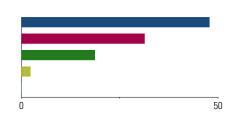
Low

## Style Breakdown





>50 25-50 10-25 0-10



Asset Allocation as of 12-31-2023



		Fund	Bmark	Cat	Fun	d	▼ Ben	chmark	[ ] Ca	ategory	Avera	ge		
Դ	Cyclical	34.10	32.62	32.53										
A.	Basic Materials	4.58	3.94	4.45										
A	Consumer Cyclical	11.03	11.13	10.33										
<b>P</b>	Financial Services	15.41	14.56	14.43										
命	Real Estate	3.08	2.99	3.32		0								_
W	Sensitive	45.49	46.85	46.59										
	Communication Services	6.93	7.11	8.27										
•	Energy	4.75	4.39	4.96										
Ф	Industrials	11.42	11.08	11.39						_				
	Technology	22.39	24.27	21.97						1				
<b>-</b>	Defensive	20.42	20.54	20.88										
Ħ	Consumer Defensive	6.52	6.35	6.39										
٠	Healthcare	11.26	11.67	11.99										
Ω	Utilities	2.64	2.52	2.50										

<b>Top 6 Holdings</b> as of 12-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⇒ Vanguard Total Stock Mkt Idx Inv	_	48.04	48.04	_	_
	-	32.03	80.06	_	_
◆ Vanguard Total Bond Market II Idx Inv	-	13.01	93.08	_	_
◆ Vanguard Total Intl Bd II Idx Investor	-	5.78	98.86	_	_
⊕ Mktliq 12/31/2049	-	1.15	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 88.66% lower than the Conservative Allocation category average.

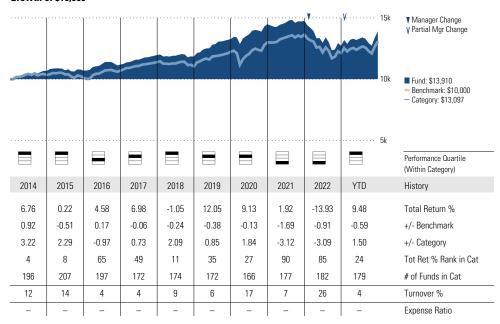
### **Morningstar Investment Management LLC Analysis**

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.

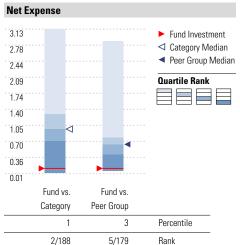
## **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	11-30-2023
ESG Commitment	1-Low	07-19-2023

## Growth of \$10,000







3-Year RISK Wetrics			
	Fund	Bmark	Cat
Alpha	_	-	_
Beta	_	-	_
R-Squared	_	-	_
Standard Deviation	8.18	-	7.87
Sharpe Ratio	_	-	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	_	_	_

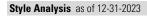
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.77	19.44	19.61
Price/Book Ratio	2.44	2.87	3.13
Avg Eff Duration	6.56	5.80	5.06



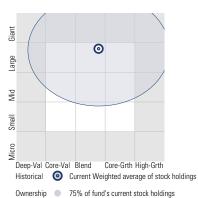
## Vanguard LifeStrategy Income Inv VASIX

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

Morningstar US Con Tgt Alloc NR USD



Morningstar Style Box™



## 100

Asset Allocation as of 12-31-2023



## Style Breakdown

Equity				Fixea	Inco
17	26	32	Large		
6	8	5	Mid		
2	3	2	Small		
Value	Blend	Growth		Ltd	M



Weight %

>50 25-50 10-25 0-10

		Fund	Bmark	Cat	Fund	▼ Ber	nchmark	( [ C	ategory	Avera	ge	
ŀ	Cyclical	34.21	32.59	30.38								
i.	Basic Materials	4.61	3.90	3.34								
4	Consumer Cyclical	11.04	11.13	8.95								
₽	Financial Services	15.50	14.54	13.68								
ŧ	Real Estate	3.06	3.02	4.41								
M	Sensitive	45.36	46.83	46.47								
	Communication Services	6.89	7.10	6.94								
ð	Energy	4.77	4.38	5.17								
þ	Industrials	11.46	11.08	10.59								
1	Technology	22.24	24.27	23.77					I []			
<b>→</b>	Defensive	20.42	20.59	23.13		_						
	Consumer Defensive	6.53	6.35	7.12		<b>[</b> ]						
ř	Healthcare	11.25	11.74	13.05								
2	Utilities	2.64	2.50	2.96								

<b>Top 6 Holdings</b> as of 12-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Bond Market II ldx Inv	-	55.82	55.82	_	_
○ Vanguard Total Intl Bd II Idx Investor	-	23.89	79.71	_	-
○ Vanguard Total Stock Mkt Idx Inv	-	11.56	91.27	_	_
○ Vanguard Total Intl Stock Index Inv	_	8.02	99.29	_	_
⊕ Mktliq 12/31/2049	-	0.71	100.00	_	_
<ul><li>─ Us Dollar</li></ul>	_	0.00	100.00	-	_

## 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.

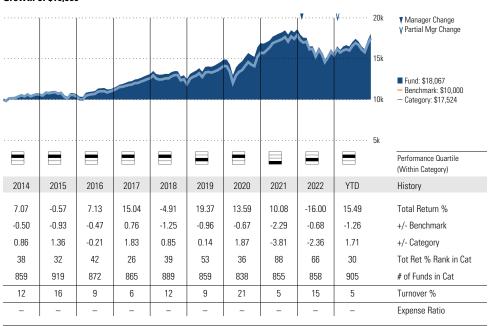
## **Morningstar Investment Management LLC Analysis**

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.

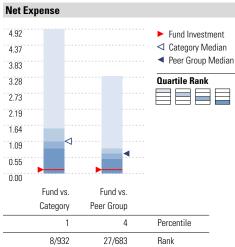
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
ESG Commitment	1-Low	07-19-2023
Carbon Risk Score	Low Risk	12-31-2022

## Growth of \$10,000







3-Year KISK Wellics			
	Fund	Bmark	Cat
Alpha	_	_	_
Beta	_	_	_
R-Squared	_	_	_
Standard Deviation	12.21	_	12.19
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	-	-	-
Down Capture Ratio	-	-	-

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.83	20.07	20.57
Price/Book Ratio	2.45	3.06	3.30
Avg Eff Duration	6.56	5.80	5.25



## Vanguard LifeStrategy Mod Gr Inv Shrs VSMGX

Asset Allocation as of 12-31-2023

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

Morningstar US Mod Tgt Alloc NR USD

## Style Analysis as of 12-31-2023

Morningstar Style Box™



### Asset Class Net % Cat% US Stocks 47.03 35.42 Non-US Stocks 23.60 9.63 Bonds 39.23 35.74 Cash 1.70 3.61 Other 0.05 4.00 50 Total 100.00 100.00

## Style Breakdown

Equity				Fixed Ir	ncome		Quality
17	25	32	Large				High
6	8	5	Mid				Mid
2	3	2	Small				Low
Value	Blend	Growth		Ltd Duratio	Mod	Ext	_

Weight %

>50 25-50 10-25 0-10

		Fund	Bmark	Cat	Fund ▼ Benchmark [] Category Average
Ն	Cyclical	34.13	31.82	30.41	
ů.	Basic Materials	4.60	3.59	3.64	
<b>A</b>	Consumer Cyclical	11.02	11.14	10.31	
÷	Financial Services	15.44	14.11	14.22	
t	Real Estate	3.07	2.98	2.24	
M	Sensitive	45.46	47.60	46.77	
	Communication Services	6.93	7.30	7.70	
•	Energy	4.76	4.30	5.12	
Ф	Industrials	11.45	10.70	10.63	
	Technology	22.32	25.30	23.32	
<b>→</b>	Defensive	20.40	20.59	22.81	
	Consumer Defensive	6.52	6.24	6.13	
٠	Healthcare	11.25	11.88	13.76	
•	Utilities	2.63	2.47	2.92	

<b>Top 6 Holdings</b> as of 12-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	_	35.60	35.60	_	_
Vanguard Total Bond Market II ldx Inv	-	27.67	63.27	_	_
○ Vanguard Total Intl Stock Index Inv	-	24.16	87.43	_	_
Vanguard Total Intl Bd II Idx Investor	-	11.90	99.34	_	_
① Mktliq 12/31/2049	_	0.71	100.05	-	-
① Us Dollar	_	0.05	100.09	-	-

Total Holdings 6



## Vanguard Mid-Cap Growth Index Admiral VMGMX

5

655

17

51

682

23

40

21

0.07

65

605

23

0.07

46

601

25

0.07

42

608

18

0.07

## Morningstar Category Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth 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 Growth 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 0.07 is 93.4% lower than the Mid-Cap Growth 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	11-30-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

### Growth of \$10,000 ...V...V 35k ▼ Manager Change V Partial Mgr Change Fund: \$26.214 Benchmark: \$10,000 15k - Category: \$23,233 Performance Quartile (Within Category) 2014 2015 2016 2017 2018 2019 2020 2021 2022 YTD History 13.48 -0.98 6.75 21.83 -5.60 33.86 34.48 20.48 -28.84 23.14 Total Return % -0.78 -1.11 7.75 1.58 -0.58 -3.44 -0.85 -1.61 -2.12 -2.73 +/- Benchmark -0.03 1.05 1.34 6.48 0.72 -2.08 -4.78 7.43 -1.05 1.77 +/- Category

44

597

22

0.07

19

600

25

0.07

64

606

22

0.07

34

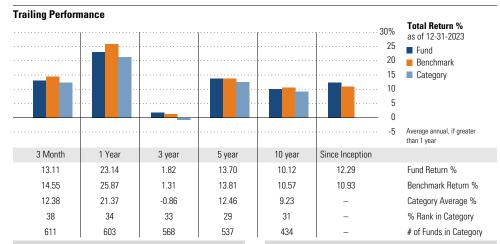
603

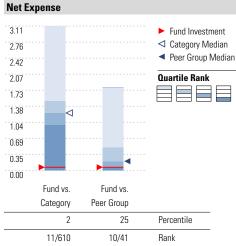
Tot Ret % Rank in Cat

# of Funds in Cat

Turnover %

Expense Ratio





3-Year RISK Wietrics			
	Fund	Bmark	Cat
Alpha	-	-	_
Beta	_	_	_
R-Squared	_	_	_
Standard Deviation	21.60	_	22.03
Sharpe Ratio	_	_	_
Tracking Error	_	_	-
Information Ratio	_	_	-
Up Capture Ratio	_	_	-
Down Capture Ratio	_	_	-

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	26.77	26.78	27.96
Price/Book Ratio	5.18	8.34	5.61
Geom Avg Mkt Cap \$B	30.73	23.17	20.97
ROE	18.11	25.12	17.17



## Vanguard Mid-Cap Growth Index Admiral VMGMX

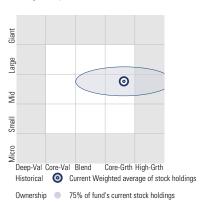
## Morningstar Category Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

## Style Analysis as of 12-31-2023

Morningstar Style Box™



## Style Breakdown

Equity

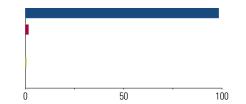
Lquity			
0	8	8	Large
3	34	46	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

## Asset Allocation as of 12-31-2023



Total	100.00	100.00
Other	0.00	0.78
Cash	0.30	1.69
Bonds	0.00	0.11
Non-US Stocks	1.45	4.02
US Stocks	98.24	93.41
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	▼ E	Bench	mark		Cate	gory A	vera	ge		
Դ	Cyclical	24.35	24.13	27.23					ď						
ė.	Basic Materials	2.43	0.88	2.08											
<b>A</b>	Consumer Cyclical	8.68	12.82	12.24			٠								
ê	Financial Services	6.13	8.71	10.12											
t	Real Estate	7.11	1.72	2.79											
M	Sensitive	60.26	53.92	50.92											
	Communication Services	5.60	3.95	3.60											
ð	Energy	5.84	3.81	3.20											
<b>Ģ</b>	Industrials	17.89	18.22	17.15				ľ.							
	Technology	30.93	27.94	26.97											
<b>-</b>	Defensive	15.40	21.94	21.85											
	Consumer Defensive	1.88	2.80	2.66											
٠	Healthcare	12.94	18.68	18.66			ı								
•	Utilities	0.58	0.46	0.53	ĺ										

Top 15 Holdings as of 12-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Amphenol Corp Class A	1.84	1.84	31.31	Technology
⊕ Arista Networks Inc	1.82	3.65	94.07	Technology
⊕ TransDigm Group Inc	1.65	5.30	66.22	Industrials
⊕ Cintas Corp	1.62	6.92	34.55	Industrials
⊕ Motorola Solutions Inc	1.61	8.53	22.89	Technology
⊕ Welltower Inc	1.55	10.08	41.28	Real Estate
Microchip Technology Inc     Microch	1.51	11.59	30.63	Technology
⊕ DexCom Inc	1.49	13.08	9.58	Healthcare
⊕ MSCI Inc	1.32	14.40	22.79	Financial Services
⊕ Copart Inc	1.31	15.71	60.95	Industrials
⊕ IQVIA Holdings Inc	1.31	17.02	12.93	Healthcare
⊕ Realty Income Corp	1.29	18.30	-4.65	Real Estate
⊕ Hess Corp	1.23	19.54	2.88	Energy
⊕ Old Dominion Freight Line Inc Ordinary Shares	1.23	20.77	43.40	Industrials
⊕ Cheniere Energy Inc	1.20	21.97	14.92	Energy

## **Total Holdings 153**



## Vanguard Mid-Cap Value Index Admiral VMVAX

Growth of \$10,000

Morningstar Category
Mid-Cap Value

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

▼ Manager Change

Expense Ratio

V Partial Mgr Change

## 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	11-30-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

## V V V 25k

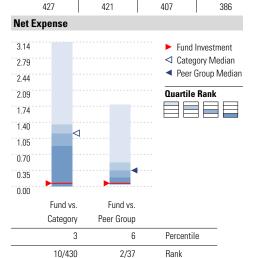


### **Trailing Performance Total Return %** as of 12-31-2023 ■ Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 3 year 5 year 10 year Since Inception Fund Return % 11.51 9.76 9.18 11.31 8.49 11.84 12.11 12.71 8.36 11.16 8.26 11.25 Benchmark Return % 11.38 13 94 10 44 7 70 11.76 Category Average % 48 77 65 55 27 % Rank in Category 295 # of Funds in Category

0.07

0.07

0.07



0.07

0.07

0.07

0.07

3- Tear hisk Wietrics			
	Fund	Bmark	Cat
Alpha	-	-	-
Beta	-	_	_
R-Squared	_	_	_
Standard Deviation	18.77	_	19.16
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	_	_	_

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.18	16.74	14.75
Price/Book Ratio	2.18	2.21	1.97
Geom Avg Mkt Cap \$B	25.28	18.30	13.75
ROE	16.39	13.52	14.25





## Vanguard Mid-Cap Value Index Admiral VMVAX

Morningstar Category

■ Mid-Cap Value

Morningstar Index

Russell Mid Cap Value TR USD

## Style Analysis as of 12-31-2023

Morningstar Style Box™



## Style Breakdown

Equity

2	6	0	Falge
42	47	2	MIN
0	0	0	ollidii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

50

Asset Allocation as of 12-31-2023



		Fund	Bmark	Cat	Fund	•	Bench	mark	Cate	ory Ave	erage		
b	Cyclical	42.70	42.89	41.33									ľ
ė.	Basic Materials	7.39	6.09	5.18									
<b>-</b>	Consumer Cyclical	8.25	10.38	11.59			<b>"</b> []						
ê	Financial Services	17.88	15.63	18.32					<b>[</b> ]				
b	Real Estate	9.18	10.79	6.24			_ '						
NF	Sensitive	30.33	39.58	36.27								0	
	Communication Services	2.64	3.56	2.95		ľ.							
	Energy	3.20	5.35	6.09					_				
þ	Industrials	15.47	18.53	17.12					]				
1	Technology	9.02	12.14	10.11									
÷	Defensive	26.97	17.52	22.41			•						
7	Consumer Defensive	6.00	3.46	6.56									
ì	Healthcare	8.77	6.96	9.23			<b>=</b> [						
?	Utilities	12.20	7.10	6.62									

100

<b>Top 15 Holdings</b> as of 12-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	1.38	1.38	54.43	Industrials
	1.31	2.69	20.44	Financial Services
Carrier Global Corp Ordinary Shares	1.30	4.00	41.08	Industrials
→ PG&E Corp	1.24	5.24	10.95	Utilities
⊕ D.R. Horton Inc	1.16	6.40	71.67	Consumer Cyclical
	1.16	7.56	33.61	Basic Materials
⊕ ONEOK Inc	1.11	8.66	12.69	Energy
Digital Realty Trust Inc	1.10	9.77	39.08	Real Estate
○ Centene Corp	1.07	10.84	-9.51	Healthcare
	1.06	11.90	54.45	Industrials
○ United Rentals Inc	1.05	12.95	63.00	Industrials
	1.04	13.99	23.69	Financial Services
Prudential Financial Inc	1.01	15.00	9.30	Financial Services
→ Allstate Corp	0.99	15.99	5.86	Financial Services
① Otis Worldwide Corp Ordinary Shares	0.99	16.98	15.92	Industrials

**Total Holdings 202** 



## 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 27.65 years.
- Net Expense: The fund's expense ratio of 0.12 is 88.79% 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	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

## Growth of \$10,000







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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	_	_	_
Beta	_	_	_
R-Squared	_	_	_
Standard Deviation	21.73	_	20.76
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	_	_	_

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	35.05	38.46	33.75
Price/Book Ratio	2.36	2.42	2.44
Geom Avg Mkt Cap \$B	23.58	9.35	33.46
ROE	11.38	9.56	14.91



## Vanguard Real Estate Index Admiral VGSLX

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

S&P United States REIT TR USD

Style Analysis as of 12-31-2023

Morningstar Style Box™



## Style Breakdown

Equity

0	27	6	Large
4	40	6	MIG
5	11	3	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 12-31-2023

Total	100.00	100.00
Other	0.00	10.87
Cash	0.92	0.92
Bonds	0.00	3.00
Non-US Stocks	0.02	0.87
US Stocks	99.06	84.34
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	•	Benchmark	Category Average
·	Cyclical	99.16	99.13	99.30				
4	Basic Materials	0.00	0.00	0.04	ĺ			
)	Consumer Cyclical	0.00	0.13	1.73	i <u>O</u>			
)	Financial Services	0.00	0.00	0.27	Ó			
ì	Real Estate	99.16	99.00	97.26				
ø	Sensitive	0.84	0.87	0.64	Ō i			
	Communication Services	0.84	0.00	0.18	Ď			
	Energy	0.00	0.00	0.02	Ĭ,			
ŀ	Industrials	0.00	0.87	0.25	Ď i			
1	Technology	0.00	0.00	0.19	Ö			
+	Defensive	0.00	0.00	0.06	Í i i			
	Consumer Defensive	0.00	0.00	0.00	Ĭ			
	Healthcare	0.00	0.00	0.01	Į i			
1	Utilities	0.00	0.00	0.05	í			

100

<b>Top 15 Holdings</b> as of 12-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Real Estate II Index	13.19	13.19	_	_
	7.64	20.83	21.33	Real Estate
	6.24	27.07	4.94	Real Estate
	4.67	31.74	25.17	Real Estate
○ Crown Castle Inc	3.10	34.84	-10.46	Real Estate
	2.99	37.83	13.14	Real Estate
	2.81	40.64	27.76	Real Estate
─ Welltower Inc	2.80	43.43	41.28	Real Estate
	2.52	45.96	-4.65	Real Estate
	2.40	48.36	39.08	Real Estate
— CoStar Group Inc	2.21	50.57	13.08	Real Estate
⊕ Extra Space Storage Inc	2.10	52.67	13.34	Real Estate
	1.79	54.46	20.96	Real Estate
→ VICI Properties Inc Ordinary Shares	1.74	56.20	3.36	Real Estate
	1.71	57.90	-8.28	Real Estate

**Total Holdings** 165



## 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 10.86 years.

Net Expense: The fund's expense ratio of 0.08 is 85.96% lower than the Target-Date 2020 category average.

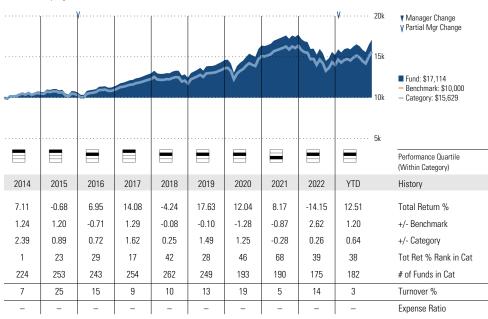
## **Morningstar Investment Management LLC Analysis**

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.

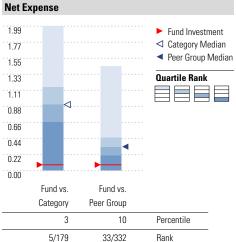
## **ESG Metrics**

Metric	Rating	Updated		
Sustainability Rating	3	11-30-2023		
ESG Commitment	1-Low	02-15-2022		

## Growth of \$10,000







3-Year RISK Wetrics			
	Fund	Bmark	Cat
Alpha	-	-	_
Beta	-	-	_
R-Squared	-	-	_
Standard Deviation	10.04	-	10.30
Sharpe Ratio	_	-	_
Tracking Error	_	-	_
Information Ratio	_	-	_
Up Capture Ratio	_	-	_
Down Capture Ratio	_	-	-

Portfolio Metrics									
	Fund	Bmark	Cat						
Price/Earnings Ratio	17.82	18.56	18.37						
Price/Book Ratio	2.45	2.53	2.64						
Avg Eff Duration	5.78	-	5.31						





## Vanguard Target Retirement 2020 Fund VTWNX

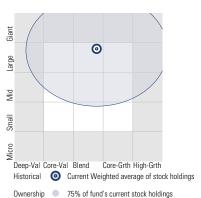
Quality High

Mid Low

**Morningstar Index** Morningstar Lifetime Mod 2020 TR USD **Morningstar Category** Target-Date 2020

## Style Analysis as of 12-31-2023

Morningstar Style Box™



## Style Breakdown

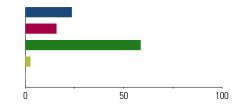
Weight %

	Equity				Fixed Ir	ncome	
	17	26	32	Large			
	6	8	5	Mid			
	2	3	2	Small			
1	Value	Blend	Growth		Ltd	Mod	Ext

Duration

>50 25-50 10-25 0-10

## Asset Allocation as of 12-31-2023



Total	100.00	100.00
Other	0.04	7.32
Cash	2.35	2.98
Bonds	58.49	44.83
Non-US Stocks	15.67	16.63
US Stocks	23.44	28.24
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	4	▼ Ben	chmark	- I r	tonon	Avera	an			
ղ.	Cyclical	34.14	38.07	35.30	Tuni		Delli	LIIIIair	.    00	itegury	Avera	ye I	7		
_	-					V.									
A.	Basic Materials	4.59	4.34	4.78		<b>—</b> .l	Ţ								
A	Consumer Cyclical	11.02	10.53	10.58			III)	į							
<del>(</del>	Financial Services	15.45	14.58	15.54											
<b>fi</b>	Real Estate	3.08	8.62	4.40			•								
W	Sensitive	45.45	42.32	44.71											
	Communication Services	6.92	6.10	6.54											
•	Energy	4.77	4.39	5.42											
Ф	Industrials	11.46	11.39	11.14											
	Technology	22.30	20.44	21.61											
<b>-</b>	Defensive	20.43	19.60	20.00					<u> </u>						
Ħ	Consumer Defensive	6.54	6.08	6.03											
+	Healthcare	11.25	10.80	11.63											
•	Utilities	2.64	2.72	2.34											
					0%	5	10	15	20	25	30	35	40	45	50

<b>Top 7 Holdings</b> as of 12-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Bond Market II ldx Inv	_	33.35	33.35	_	_
→ Vanguard Total Stock Mkt Idx Instl Pls	_	23.56	56.91	_	_
→ Vanguard Total Intl Stock Index Inv	_	16.05	72.95	_	_
⊕ Vanguard Total Intl Bd II ldx Insl	-	14.61	87.56	_	_
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	11.67	99.23	-	_
⊕ Mktliq 12/31/2049	_	0.77	100.00	_	_
⊕ Us Dollar	_	0.00	100.01	_	-

## 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 10.86 years.

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

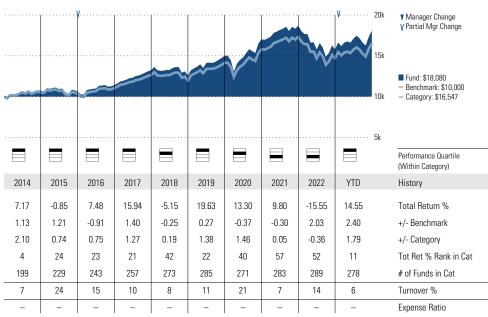
## **Morningstar Investment Management LLC Analysis**

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.

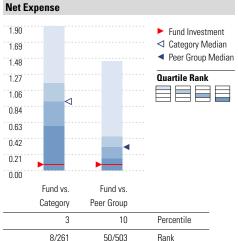
## **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022









3-1 cai nisk wienics			
	Fund	Bmark	Cat
Alpha	-	_	_
Beta	-	_	_
R-Squared	-	_	_
Standard Deviation	11.60	_	11.01
Sharpe Ratio	-	_	_
Tracking Error	-	_	_
Information Ratio	-	_	_
Up Capture Ratio	_	_	-
Down Capture Ratio	_	_	-

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.82	18.36	18.52
Price/Book Ratio	2.45	2.50	2.64
Avg Eff Duration	6.13	-	6.11



## Vanguard Target Retirement 2025 Fund VTTVX

Quality High MidLow

**Morningstar Category** Target-Date 2025

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

## Style Analysis as of 12-31-2023

Morningstar Style Box™



## Style Breakdown

Weight %

Equity				rixeu ii	icome	
17	26	32	Large			
6	8	5	Mid			
2	3	2	Small			
Value	Blend	Growth		l td	Mod	Fxt

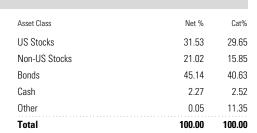
Eivad Incomo

Duration

>50 25-50 10-25 0-10

## Asset Allocation as of 12-31-2023





Sec	ctor Weighting as of 12-3	31-2023													
		Fund	Bmark	Cat	Fund		• Ben	chmark	[] Ca	ategory	Avera	ge			
<u></u>	Cyclical	34.15	38.06	35.28											
ů.	Basic Materials	4.60	4.43	4.43		Ó									
Д	Consumer Cyclical	11.03	10.60	10.70											
æ	Financial Services	15.45	14.76	15.21											
<b>fi</b>	Real Estate	3.07	8.27	4.94			7								
M	Sensitive	45.46	42.29	44.62											
	Communication Services	6.92	6.07	6.67											
	Energy	4.77	4.41	5.00											
<b>Ģ</b>	Industrials	11.45	11.52	10.92											
	Technology	22.32	20.29	22.03											
<b>→</b>	Defensive	20.39	19.65	20.11											
Ę	Consumer Defensive	6.52	6.11	6.09											
ř	Healthcare	11.24	10.80	11.47											
•	Utilities	2.63	2.74	2.55											
					0%	5	10	15	20	25	30	35	40	45	_

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
O Vanguard Total Stock Mkt Idx Instl Pls	_	31.69	31.69	_	_
⊕ Vanguard Total Bond Market II ldx Inv	_	28.34	60.03	-	_
⊕ Vanguard Total Intl Stock Index Inv	_	21.52	81.55	-	_
⊕ Vanguard Total Intl Bd II Idx Insl	_	12.44	93.99	-	_
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	_	5.03	99.02	-	-
⊕ Mktliq 12/31/2049	_	0.99	100.00	_	_
─ Us Dollar	_	0.00	100.01	_	_

## 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 10.86 years.
- Net Expense: The fund's expense ratio of 0.08 is 87.3% lower than the Target-Date 2030 category average.

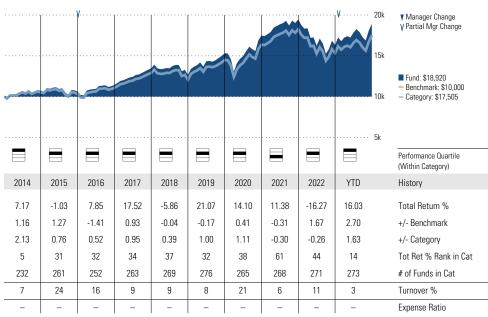
## **Morningstar Investment Management LLC Analysis**

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.

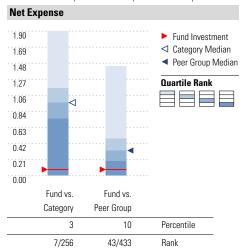
## **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

## Growth of \$10,000







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

3-1 car bisk intenies			
	Fund	Bmark	Cat
Alpha	_	_	_
Beta	_	_	_
R-Squared	_	_	_
Standard Deviation	12.65	_	12.29
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	-	_	-
Down Capture Ratio	-	_	-

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.86	18.17	18.42
Price/Book Ratio	2.46	2.46	2.69
Avg Eff Duration	6.56	-	6.67



## Vanguard Target Retirement 2030 Fund VTHRX

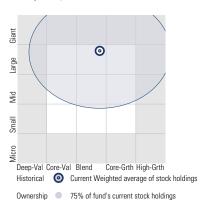
Asset Allocation as of 12-31-2023

**Morningstar Category** Target-Date 2030

Morningstar Index Morningstar Lifetime Mod 2030 TR USD

## Style Analysis as of 12-31-2023

Morningstar Style Box™



Large

## Style Breakdown

Equity 25 32 17 5 6 8

Mid 2 3 2

Value Blend Growth

MidLow Mod Ltd Duration

Fixed Income Quality High

## Weight %

>50 25-50 10-25 0-10

	Asset Class	Net %	Cat%
	US Stocks	37.24	35.23
	Non-US Stocks	24.40	19.60
	Bonds	36.29	32.00
	Cash	2.03	1.47
	Other	0.04	11.70
0 -	50 <b>Total</b>	100.00	100.00

		Fund	Bmark	Cat	Fund	1	▼ Bend	chmark	- I c:	ategory	Avera	ae		
÷	Cyclical	34.09	38.00	34.25								J-	1	
à	Basic Materials	4.57	4.55	4.38		•								
•	Consumer Cyclical	11.03	10.68	10.99										
<u></u>	Financial Services	15.42	14.94	15.62										
à	Real Estate	3.07	7.83	3.26			7							
ÇII	Sensitive	45.48	42.32	45.27										
	Communication Services	6.93	6.05	6.62										
	Energy	4.75	4.46	5.01										
ŀ	Industrials	11.42	11.65	11.46										
1	Technology	22.38	20.16	22.18						]				
+	Defensive	20.42	19.69	20.48										
Ţ	Consumer Defensive	6.52	6.14	6.24			_							
1	Healthcare	11.26	10.80	11.70										
1	Utilities	2.64	2.75	2.54										

<b>Top 6 Holdings</b> as of 12-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Stock Mkt Idx Instl Pls	_	37.43	37.43	_	_
① Vanguard Total Bond Market II ldx Inv	_	25.58	63.01	_	-
Vanguard Total Intl Stock Index Inv	_	24.98	87.99	_	-
① Vanguard Total Intl Bd II Idx Insl	_	11.03	99.02	_	-
① Mktliq 12/31/2049	-	0.98	99.99	-	-
① Us Dollar	-	0.01	100.00	-	-

## Total Holdings 6



## Vanguard Target Retirement 2035 Fund VTTHX

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

## Portfolio Manager(s)

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

## **Quantitative Screens**

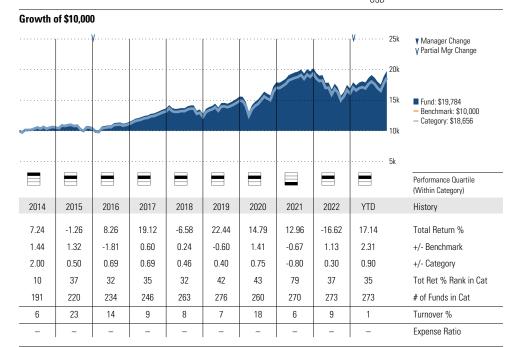
- Q Performance: The fund has finished in the Target-Date
  2035 category's top three quartiles in 9 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 10.86 years.
- Net Expense: The fund's expense ratio of 0.08 is 87.1% lower than the Target-Date 2035 category average.

## **Morningstar Investment Management LLC Analysis**

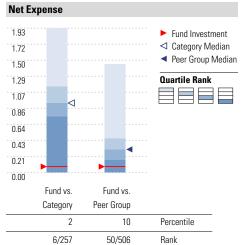
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

## **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022







3-Year hisk wetrics			
	Fund	Bmark	Cat
Alpha	-	_	_
Beta	-	_	_
R-Squared	-	_	_
Standard Deviation	13.48	_	13.61
Sharpe Ratio	-	_	_
Tracking Error	-	_	_
Information Ratio	-	_	_
Up Capture Ratio	-	_	-
Down Capture Ratio	-	_	-

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.93	17.97	18.43
Price/Book Ratio	2.47	2.43	2.66
Avg Eff Duration	6.56	_	7.08





## Vanguard Target Retirement 2035 Fund VTTHX

Quality

High

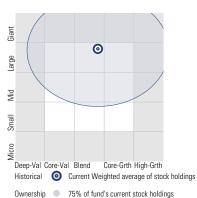
Mid

Low

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

## Style Analysis as of 12-31-2023

Morningstar Style Box™



Fixed Income

Ltd

Mod Duration

## Style Breakdown

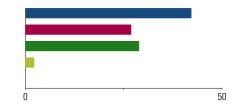
Equity 32 17 25 8

Large Mid 5 6 2 3 2

Value Blend Growth

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

## Asset Allocation as of 12-31-2023



Asset Class Net % Cat% US Stocks 42.13 41.55 Non-US Stocks 26.83 22.01 Bonds 28.84 22.82 Cash 2.15 1.82 Other 0.05 11.80 100.00 Total 100.00

à.	Cyclical	24.04		Cat	Fund	J.	<ul><li>Benefit</li></ul>	. II Uc	ategory	Avela		
		34.01	37.90	34.43					3. 7		1	
_	Basic Materials	4.54	4.64	4.43								
•	Consumer Cyclical	11.02	10.77	10.90								
	Financial Services	15.37	15.12	15.34								
à	Real Estate	3.08	7.37	3.76			'					
ŲF.	Sensitive	45.57	42.37	45.14								
	Communication Services	6.95	6.03	6.73								
	Energy	4.74	4.51	4.98								
)	Industrials	11.38	11.80	11.17		- :						
3	Technology	22.50	20.03	22.26								
+	Defensive	20.42	19.73	20.43								
	Consumer Defensive	6.51	6.16	6.20								
3	Healthcare	11.28	10.80	11.69								
1	Utilities	2.63	2.77	2.54								

<b>Top 6 Holdings</b> as of 12-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
O Vanguard Total Stock Mkt Idx Instl Pls	_	42.35	42.35	_	_
◆ Vanguard Total Intl Stock Index Inv	-	27.47	69.81	_	_
⊕ Vanguard Total Bond Market II ldx Inv	_	20.32	90.14	_	-
⊕ Vanguard Total Intl Bd II Idx Insl	_	8.77	98.91	_	-
⊕ Mktliq 12/31/2049	-	1.09	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

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**

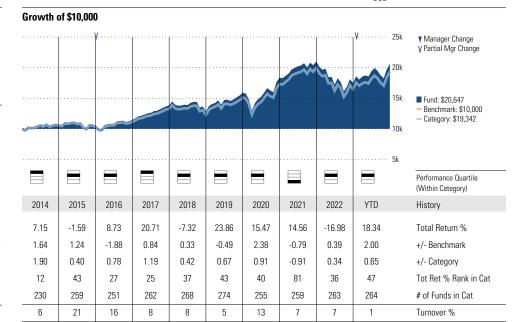
- Q Performance: The fund has finished in the Target-Date
   2040 category's top three quartiles in 9 of the 10 years it's
   been in existence.
- Management: The fund's management has been in place for 10.86 years.
- Net Expense: The fund's expense ratio of 0.08 is 87.69% lower than the Target-Date 2040 category average.

## **Morningstar Investment Management LLC Analysis**

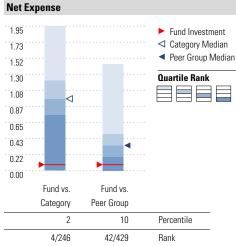
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

## **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022







3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	-	-	_
Beta	-	-	_
R-Squared	_	-	_
Standard Deviation	14.30	_	14.71
Sharpe Ratio	-	_	_
Tracking Error	-	_	_
Information Ratio	-	_	_
Up Capture Ratio	-	_	_
Down Capture Ratio	-	_	-

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.93	17.78	18.34
Price/Book Ratio	2.48	2.39	2.66
Avg Eff Duration	6.56	-	7.59





## Vanguard Target Retirement 2040 Fund VFORX

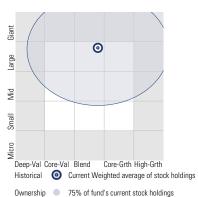
Quality High MidLow

**Morningstar Category** Target-Date 2040

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

## Style Analysis as of 12-31-2023

Morningstar Style Box™



## Style Breakdown

Weight %

Equity				Fixed	Income
17	25	32	Large		
6	8	5	Mid		
2	3	2	Small		
Value	Blend	Growth		Ltd	Mod

Duration

>50 25-50 10-25 0-10

# 50

Asset Allocation as of 12-31-2023

Asset Class Net % Cat% US Stocks 48.07 46.58 Non-US Stocks 29.67 26.58 Bonds 21.79 13.45 Cash 1.90 1.65 Other 0.05 10.26 100.00 100.00

		Fund	Bmark	Cat	Fund	1	▼ Ben	chmark	. I Ca	ategory	Avera	ae		
<u></u>	Cyclical	34.01	37.87	34.47								<b>=</b> [	1	
	Basic Materials	4.54	4.74	4.49										
-	Consumer Cyclical	11.02	10.84	10.98										
ê	Financial Services	15.37	15.29	15.47										
b	Real Estate	3.08	7.00	3.53										
M	Sensitive	45.60	42.36	44.99										
	Communication Services	6.96	6.01	6.61										
•	Energy	4.75	4.54	5.17										
<b>‡</b>	Industrials	11.39	11.92	11.38					į					
3	Technology	22.50	19.89	21.83					<u> </u>					
+	Defensive	20.42	19.76	20.53										
7	Consumer Defensive	6.51	6.19	6.18			_							
7	Healthcare	11.28	10.79	11.86										
?	Utilities	2.63	2.78	2.49										

Total

<b>Top 6 Holdings</b> as of 12-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
O Vanguard Total Stock Mkt Idx Instl Pls	_	46.83	46.83	_	_
◆ Vanguard Total Intl Stock Index Inv	-	30.36	77.19	_	_
◆ Vanguard Total Bond Market II Idx Inv	-	15.40	92.60	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	-	6.58	99.18	_	-
⊕ Mktliq 12/31/2049	-	0.82	99.99	-	_
⊕ Us Dollar	_	0.01	100.00	_	_

Total Holdings 6



## Vanguard Target Retirement 2045 Fund VTIVX

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

Expense Ratio

## Portfolio Manager(s)

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 10.86 years.

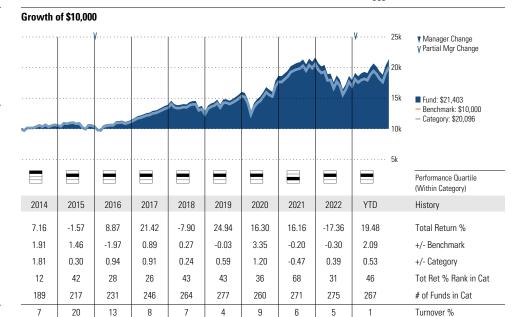
Net Expense: The fund's expense ratio of 0.08 is 87.5% lower than the Target-Date 2045 category average.

## **Morningstar Investment Management LLC Analysis**

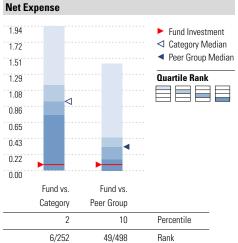
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

## **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022







3-1 cai nisk intenies			
	Fund	Bmark	Cat
Alpha	_	_	-
Beta	_	_	_
R-Squared	_	_	-
Standard Deviation	15.16	_	15.47
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	_	_	_

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.93	17.62	18.37
Price/Book Ratio	2.48	2.36	2.63
Avg Eff Duration	6.55	-	8.66





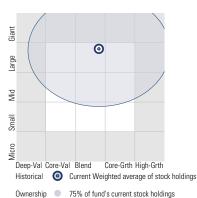
## Vanguard Target Retirement 2045 Fund VTIVX

## **Morningstar Category** Target-Date 2045

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

## Style Analysis as of 12-31-2023

Morningstar Style Box™



## Style Breakdown

Equity				Fixed Ir	ncome
17	25	32	Large		
6	8	5	Mid		
2	3	2	Small		
Value	Rland	Growth		Ltd	Mod

High Μid Low Ltd Mod Duration

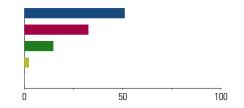
Quality

Value Blend Growth

>50 25-50 10-25 0-10

Weight %

## Asset Allocation as of 12-31-2023



Asset Class Net % Cat% US Stocks 50.88 51.35 Non-US Stocks 32.38 27.47 Bonds 14.53 8.96 Cash 2.16 1.47 Other 0.06 10.76 100.00 100.00 Total

		Fund	Bmark	Cat	Fund	,	Bend	hmark	Ca	ategory	Avera	ge	_	
b	Cyclical	34.00	37.97	34.69									1	
ì.	Basic Materials	4.54	4.84	4.50										
•	Consumer Cyclical	11.03	10.89	10.89										
)	Financial Services	15.36	15.43	15.27										
ò	Real Estate	3.07	6.81	4.03										
Ųľ	Sensitive	45.57	42.27	44.89										
	Communication Services	6.95	5.97	6.68										
•	Energy	4.74	4.56	5.03										
þ	Industrials	11.38	12.03	11.18										
2	Technology	22.50	19.71	22.00										
+	Defensive	20.42	19.74	20.42										
=	Consumer Defensive	6.50	6.20	6.18			_							
ř	Healthcare	11.28	10.75	11.77										
?	Utilities	2.64	2.79	2.47										

<b>Top 6 Holdings</b> as of 12-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx InstI PIs	_	51.14	51.14	_	_
	-	33.15	84.29	_	_
	_	10.32	94.61	_	_
⊕ Vanguard Total Intl Bd II ldx Insl	_	4.34	98.95	_	_
⊕ Mktliq 12/31/2049	-	1.03	99.99	-	_
⊕ Us Dollar	-	0.01	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**

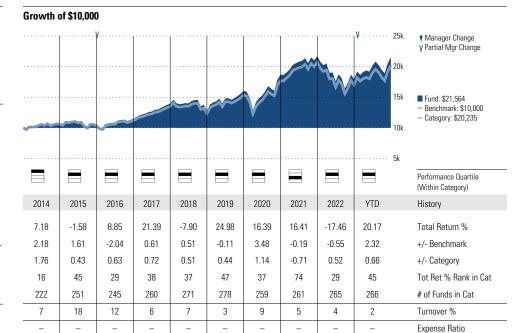
- ❷ Performance: The fund has finished in the Target-Date
  2050 category's top three quartiles in 10 of the 10 years it's
  been in existence.
- Management: The fund's management has been in place for 10.86 years.
- Net Expense: The fund's expense ratio of 0.08 is 87.69% lower than the Target-Date 2050 category average.

## **Morningstar Investment Management LLC Analysis**

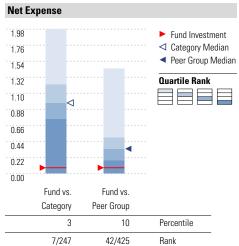
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

## **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022







3-Tear hisk wietrics			
	Fund	Bmark	Cat
Alpha	-	-	_
Beta	-	-	_
R-Squared	-	-	_
Standard Deviation	15.53	-	15.84
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	_	_	_

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.84	17.48	18.37
Price/Book Ratio	2.45	2.33	2.63
Avg Eff Duration	6.54	-	9.43



## Vanguard Target Retirement 2050 Fund VFIFX

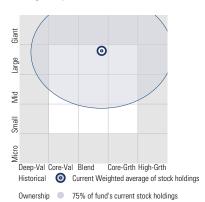
Quality High Mid

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

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

## Style Analysis as of 12-31-2023

Morningstar Style Box™



## Style Breakdown

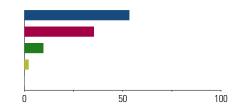
Equity				rixeu	income	
17	25	32	Large			
6	8	5	Mid			
2	3	2	Small			
Value	Blend	Growth		l td	Mod	F

Duration

>50 25-50 10-25 0-10

Weight %

## Asset Allocation as of 12-31-2023



Total	100.00	100.00
Other	0.07	9.74
Cash	1.99	1.42
Bonds	9.48	6.68
Non-US Stocks	35.23	28.57
US Stocks	53.23	53.58
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fun	Ч	▼ Ben	chmark	, II C:	teann	Avera	ne en			
ղ.	Cyclical	34.13	38.17	34.87	Turi		DOIN	Jilliair		atogory	Avoid	gc 	•		
<b>.</b>	Basic Materials	4.59	4.92	4.50											
<b>A</b>	Consumer Cyclical	11.03	10.92	10.89		-									
<u>,</u>	Financial Services	15.43	15.54	15.32		1	<u> </u>								
ŧ	Real Estate	3.08	6.79	4.16		۱[ '									
M	Sensitive	45.46	42.12	44.82											
	Communication Services	6.92	5.93	6.63											
•	Energy	4.76	4.58	5.02											
þ	Industrials	11.43	12.11	11.26				· :							
3	Technology	22.35	19.50	21.91											
<b>→</b>	Defensive	20.41	19.70	20.30											
÷	Consumer Defensive	6.52	6.20	6.15											
ŀ	Healthcare	11.25	10.71	11.73											
•	Utilities	2.64	2.79	2.42		'									
					0%	5	10	15	20	25	30	35	40	45	5

<b>Top 6 Holdings</b> as of 12-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl PIs	_	53.50	53.50	_	_
◆ Vanguard Total Intl Stock Index Inv	-	36.07	89.57	_	-
⊕ Vanguard Total Bond Market II ldx Inv	_	6.85	96.42	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	_	2.72	99.14	_	_
⊕ Mktliq 12/31/2049	-	0.84	99.98	-	_
⊕ Us Dollar	_	0.02	100.00	_	_

## Total Holdings 6



## Vanguard Target Retirement 2055 Fund VFFVX

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

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 10.86 years.

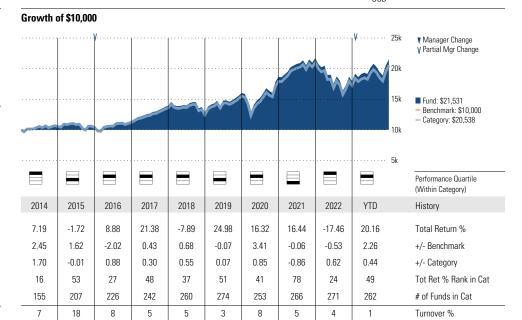
Net Expense: The fund's expense ratio of 0.08 is 87.69% lower than the Target-Date 2055 category average.

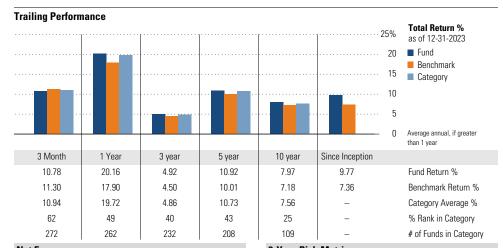
## **Morningstar Investment Management LLC Analysis**

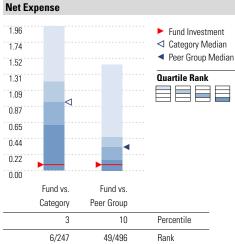
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

## **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

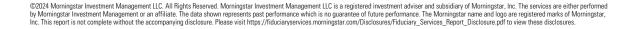






3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	-	-	_
Beta	-	-	_
R-Squared	-	-	_
Standard Deviation	15.53	-	16.01
Sharpe Ratio	-	-	_
Tracking Error	-	-	_
Information Ratio	-	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	_	_	_

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.83	17.36	18.23
Price/Book Ratio	2.45	2.30	2.63
Avg Eff Duration	6.54	_	10.33



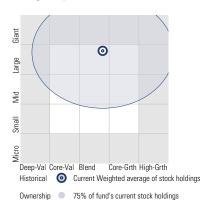


## Vanguard Target Retirement 2055 Fund VFFVX

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

## Style Analysis as of 12-31-2023

Morningstar Style Box™



## Style Breakdown

Equity

Lquity			
17	25	32	Large
6	8	5	Mid
2	3	2	Small

Value Blend Growth

Fixed Income

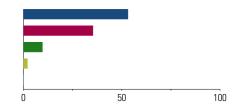
Quality

Given the second of t

Weight %

>50 25-50 10-25 0-10

## Asset Allocation as of 12-31-2023



Asset Class Net % Cat% US Stocks 53.10 52.19 Non-US Stocks 35.28 28.51 Bonds 9.58 6.36 Cash 1.96 1.85 Other 0.07 11.08 100.00 Total 100.00

Sec	ctor Weighting as of 12-	31-2023													
		Fund	Bmark	Cat	Fun	d	▼ Ben	chmarl	( [] Ca	ategory	Avera	ge			
<u></u>	Cyclical	34.11	38.46	34.85											
A	Basic Materials	4.59	5.00	4.59											
A	Consumer Cyclical	11.02	10.94	10.94											
<del>,</del>	Financial Services	15.43	15.64	15.53											
<b>fi</b>	Real Estate	3.07	6.88	3.79		10	'								
W	Sensitive	45.46	41.92	45.21											
	Communication Services	6.93	5.88	6.69											
•	Energy	4.76	4.60	5.06											
Ф	Industrials	11.44	12.16	11.38				'							
	Technology	22.33	19.28	22.08											
<b>-</b>	Defensive	20.41	19.63	19.97											
Ħ	Consumer Defensive	6.52	6.20	6.04											
+	Healthcare	11.25	10.64	11.55											
•	Utilities	2.64	2.79	2.38		7									
					0%	5	10	15	20	25	30	35	40	45	5

<b>Top 6 Holdings</b> as of 12-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Stock Mkt Idx Instl Pls	_	53.37	53.37	_	_
Vanguard Total Intl Stock Index Inv	_	36.13	89.50	_	_
Vanguard Total Bond Market II ldx Inv	_	6.97	96.47	_	_
Vanguard Total Intl Bd II Idx Insl	_	2.71	99.18	_	_
① Mktliq 12/31/2049	-	0.81	99.98	-	_
① Us Dollar	_	0.02	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**

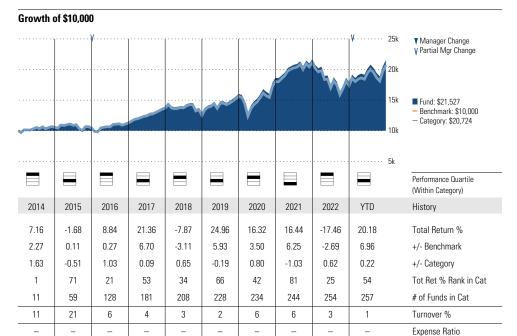
- Performance: The fund has finished in the Target-Date
   2060 category's top three quartiles in 9 of the 10 years it's
   been in existence.
- Management: The fund's management has been in place for 10.86 years.
- Net Expense: The fund's expense ratio of 0.08 is 87.88% lower than the Target-Date 2060 category average.

## **Morningstar Investment Management LLC Analysis**

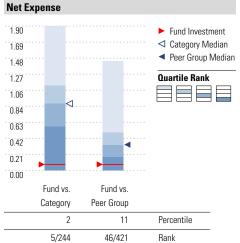
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

## **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022







3-Tear hisk wietrics			
	Fund	Bmark	Cat
Alpha	_	-	_
Beta	_	_	_
R-Squared	_	-	_
Standard Deviation	15.52	_	16.08
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	_	_	_

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.83	17.11	18.07
Price/Book Ratio	2.45	2.23	2.55
Avg Eff Duration	6.54	-	9.40





## **Vanguard Target Retirement 2060 Fund** VTTSX

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

Morningstar Mod Tgt Risk TR USD

Net %

53.05

35.31

9.52

2.08

0.07

100.00

Cat%

45.91

31.01

6.47

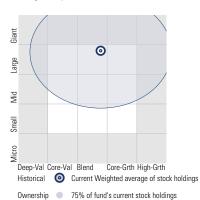
1.69

14.93

100.00

## Style Analysis as of 12-31-2023

Morningstar Style Box™

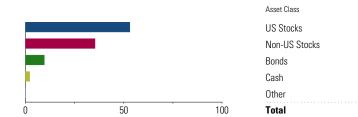


## Style Breakdown

Equity				Fixed I	ncome		Quality
17	25	32	Large				High
6	8	5	Mid				Mid
2	3	2	Small				Low
Value	Blend	Growth		Ltd Duratio	Mod	Ext	

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 12-31-2023

		Fund	Bmark	Cat	Fund	4	▼ Bend	chmark	- I c	ategory	Δvera	ne		
<b>Դ</b>	Cyclical	34.13	39.51	35.37	Turk		DOTT	Jillian	. [] 0	ategory	AVGIU	gc ■ ∏		
<u>.</u>	Basic Materials	4.59	5.17	4.97		-1						_ "		
<b>A</b>	Consumer Cyclical	11.03	11.03	10.81		-								
÷	Financial Services	15.44	16.29	15.36										
æ	Real Estate	3.07	7.02	4.23		[								
M	Sensitive	45.46	38.94	44.35									1	
	Communication Services	6.92	5.65	6.53										
ð	Energy	4.77	4.93	5.24				_						
Ф	Industrials	11.44	12.35	11.69				' i						
	Technology	22.33	16.01	20.89				- 1						
<b>→</b>	Defensive	20.40	21.56	20.29										
=	Consumer Defensive	6.52	6.82	6.17										
٠	Healthcare	11.24	11.59	11.81										
•	Utilities	2.64	3.15	2.31		'								

<b>Top 6 Holdings</b> as of 12-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Stock Mkt Idx Instl Pls	_	53.31	53.31	_	_
Vanguard Total Intl Stock Index Inv	-	36.15	89.47	_	_
① Vanguard Total Bond Market II Idx Inv	-	6.87	96.34	_	_
① Vanguard Total Intl Bd II Idx Insl	-	2.73	99.07	_	_
① Mktliq 12/31/2049	-	0.91	99.98	-	-
⊕ Us Dollar	-	0.02	100.00	-	-

## Total Holdings 6



## Vanguard Target Retirement 2065 Fund VLXVX

Morningstar Category Target-Date 2065+ Morningstar Index

Morningstar Mod Tgt Risk TR USD

## Portfolio Manager(s)

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 6.47 years.
- Net Expense: The fund's expense ratio of 0.08 is 86.89% lower than the Target-Date 2065+ category average.

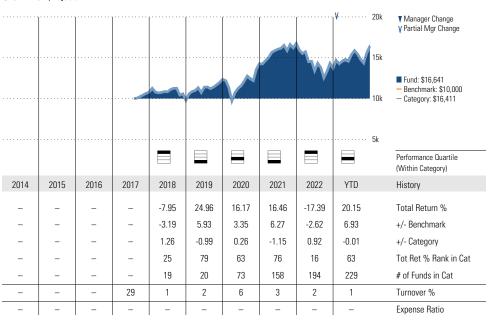
### **Morningstar Investment Management LLC Analysis**

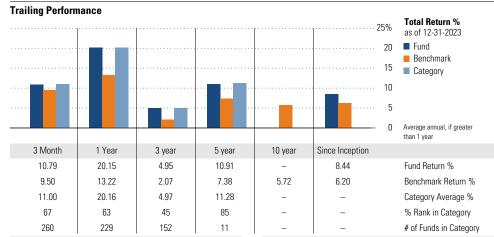
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

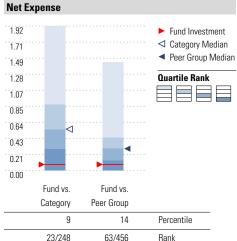
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

## Growth of \$10,000







3-Year hisk wetrics			
	Fund	Bmark	Cat
Alpha	_	_	_
Beta	_	_	_
R-Squared	-	_	-
Standard Deviation	15.52	_	16.23
Sharpe Ratio	_	_	-
Tracking Error	_	_	-
Information Ratio	_	_	-
Up Capture Ratio	_	_	-
Down Capture Ratio	_	_	-

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.83	17.11	17.78
Price/Book Ratio	2.45	2.23	2.50
Avg Eff Duration	6.54	_	9.29





## Vanguard Target Retirement 2065 Fund VLXVX

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

Morningstar Mod Tgt Risk TR USD

Cat%

44.70

31.85

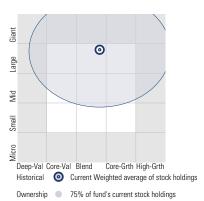
11.09

1.54

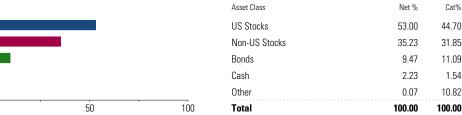
10.82

Style Analysis as of 12-31-2023

Morningstar Style Box™







### Style Breakdown Equity Fixed Income Quality Large High 32 17 25 MidΜid 5 6 8 Low 2 2 3 Value Blend Growth Ltd Mod Duration Weight % >50 25-50 10-25 0-10

		Fund	Bmark	Cat	Fun	b	▼ Ben	chmark	. [] Ca	ategory	Avera	ge	_	
b	Cyclical	34.13	39.51	35.23										
	Basic Materials	4.59	5.17	4.94										
<b>P</b>	Consumer Cyclical	11.02	11.03	10.92										
٥	Financial Services	15.44	16.29	15.94										
b	Real Estate	3.08	7.02	3.43		0								
NF	Sensitive	45.45	38.94	44.98									1	
	Communication Services	6.92	5.65	6.68										
•	Energy	4.76	4.93	5.19				_						
þ	Industrials	11.44	12.35	11.70		- :		' :						
2	Technology	22.33	16.01	21.41				- 1						
+	Defensive	20.41	21.56	19.80										
=	Consumer Defensive	6.52	6.82	6.22										
ř	Healthcare	11.25	11.59	11.21										
?	Utilities	2.64	3.15	2.37		'								

<b>Top 6 Holdings</b> as of 12-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Stock Mkt Idx Instl Pls	_	53.27	53.27	_	_
Vanguard Total Intl Stock Index Inv	_	36.07	89.34	_	_
① Vanguard Total Bond Market II ldx Inv	_	6.85	96.19	_	_
① Vanguard Total Intl Bd II Idx Insl	_	2.72	98.91	_	_
① Mktliq 12/31/2049	-	1.09	100.00	-	-
⊕ Us Dollar	_	0.00	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 86.89% lower than the Target-Date 2065+ category average.

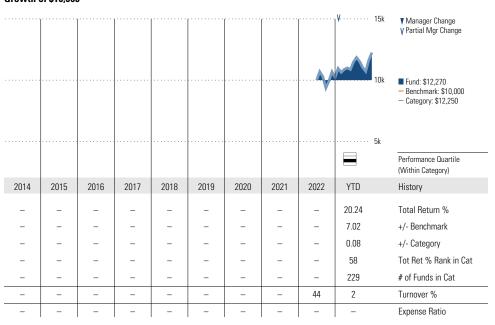
## **Morningstar Investment Management LLC Analysis**

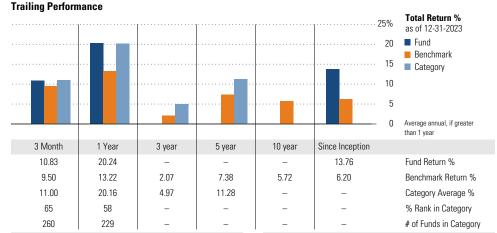
This fund fails the manager tenure screen due to a limited history for this target-date vintage.

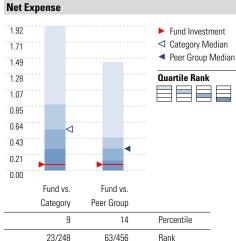
## **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022

## Growth of \$10,000







3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	-	-	_
Beta	-	-	_
R-Squared	-	-	_
Standard Deviation	_	-	16.23
Sharpe Ratio	_	-	_
Tracking Error	_	-	_
Information Ratio	_	-	_
Up Capture Ratio	_	-	_
Down Capture Ratio	_	-	-

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.85	17.11	17.78
Price/Book Ratio	2.46	2.23	2.50
Avg Eff Duration	6.55	-	9.29



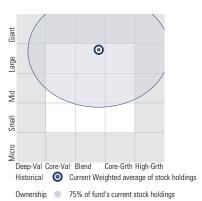
## Vanguard Target Retirement 2070 Fund VSVNX

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

Morningstar Mod Tgt Risk TR USD

Style Analysis as of 12-31-2023

Morningstar Style Box™





Fund

34.10

4.57

11.03

15.42

3.08

45.48

6.93

4.76

11.43

22.36

20.42

6.52

11.26

2.64

Bmark

39.51

5.17

11.03

16 29

7.02

38.94

5.65

4.93

12.35

16.01

21.56

6.82

11.59

3.15

Cat

Fund

Asset Allocation as of 12-31-2023

Sector Weighting as of 12-31-2023

Asset Class Net % Cat% US Stocks 53.38 44.70 Non-US Stocks 35.14 31.85 Bonds 9.88 11.09 Cash 1.54 1.54 Other 0.07 10.82 Total 100.00 100.00

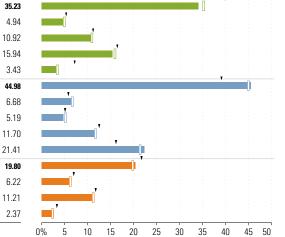
## Style Breakdown

Equity				Fixed I	Quality			
	17	25	32	Large				High
	6	8	5	Mid				Mid
	2	3	2	Small				Low
	Value	Blend	Growth		Ltd	Mod	Ext	_

	A	Basic Materials
	A	Consumer Cyclical
-	<del>,</del>	Financial Services
I	π	Real Estate
	W	Sensitive
		Communication Services
	•	Energy
	Ф	Industrials
		Technology
	<b>→</b>	Defensive
	Ħ	Consumer Defensive
	+	Healthcare

Utilities

Cyclical



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

<b>Top 6 Holdings</b> as of 12-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Stock Mkt Idx InstI Pls	_	53.65	53.65	_	_
Vanguard Total Intl Stock Index Inv	-	35.98	89.63	_	-
Vanguard Total Bond Market II ldx Inv	-	7.07	96.69	_	_
Vanguard Total Intl Bd II Idx Insl	-	2.91	99.61	_	_
⊕ Mktliq 12/31/2049	-	0.27	99.88	-	_
⊕ Us Dollar	-	0.12	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 10.86 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 Retirement category average.

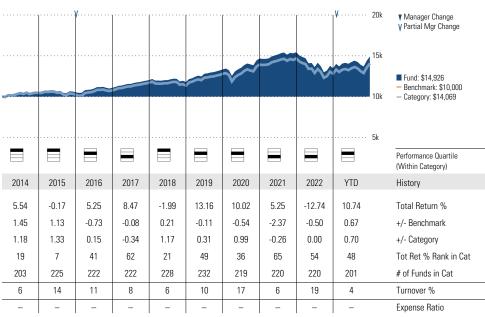
## **Morningstar Investment Management LLC Analysis**

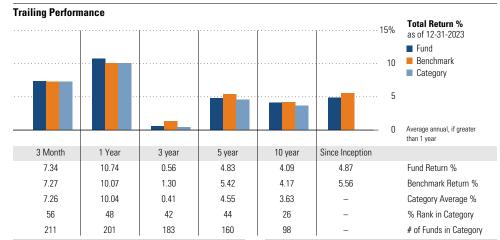
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

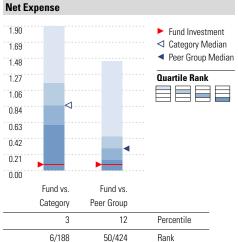
## **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
ESG Commitment	1-Low	02-15-2022

## Growth of \$10,000







2-1 cai iliak Michica			
	Fund	Bmark	Cat
Alpha	-	-	_
Beta	_	_	_
R-Squared	-	-	-
Standard Deviation	8.48	_	8.92
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	_	-	_
Down Capture Ratio	-	-	-

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.81	18.71	18.00
Price/Book Ratio	2.45	2.58	2.50
Avg Eff Duration	5.63	-	6.24





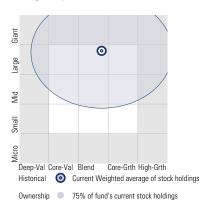
## Vanguard Target Retirement Income Fund VTINX

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

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

## Style Analysis as of 12-31-2023

Morningstar Style Box™



## 50 100

Asset Allocation as of 12-31-2023

Asset Class Net % Cat% US Stocks 22.91 17.50 Non-US Stocks 11.71 13.99 Bonds 68.26 46.72 Cash 2.49 3.63 Other 0.04 12.75 100.00 100.00 Total

## Style Breakdown

Lquity				TIAGU
17	26	32	Large	
6	8	5	Mid	
2	3	2	Small	
Value	Blend	Growth		Ltd



Weight %

>50 25-50 10-25 0-10

		Fund	Bmark	Cat	Fund	t	▼ Ben	chmark	Ca	ategory	Avera	ge		
b	Cyclical	34.15	37.76	36.78									1	
÷.	Basic Materials	4.60	4.18	4.59										
<b>£</b>	Consumer Cyclical	11.02	10.02	10.51										
ê	Financial Services	15.44	14.48	15.70										
b	Real Estate	3.09	9.08	5.98			•							
NF	Sensitive	45.47	42.43	43.96										
	Communication Services	6.93	6.26	6.42										
•	Energy	4.77	4.62	5.05										
<b>‡</b>	Industrials	11.46	11.29	11.03			0		_					
2	Technology	22.31	20.26	21.46										
+	Defensive	20.38	19.81	19.26										
=	Consumer Defensive	6.52	6.06	5.90										
ř	Healthcare	11.22	10.93	10.79										
2	Utilities	2.64	2.82	2.57		'								

<b>Top 7 Holdings</b> as of 12-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
○ Vanguard Total Bond Market II Idx Inv	_	37.31	37.31	_	_
→ Vanguard Total Stock Mkt Idx Instl Pls	-	17.58	54.90	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	-	16.22	71.12	_	_
◆ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	16.20	87.32	_	_
⇒ Vanguard Total Intl Stock Index Inv	_	11.99	99.31	_	-
⊕ Mktliq 12/31/2049	_	0.71	100.02	-	-
⊕ Us Dollar	-	0.02	100.05	_	_

## Total Holdings 7



## Vanguard Total World Stock Index Admiral VTWAX

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

## Portfolio Manager(s)

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

## **Quantitative Screens**

Performance: The fund has finished in the Global Large-Stock Blend category's top three quartiles in 4 of the 4 years it's been in existence.

Management: The fund's management has been in place for 10.86 years.

Net Expense: The fund's expense ratio of 0.1 is 89.69% lower than the Global Large-Stock Blend category average.

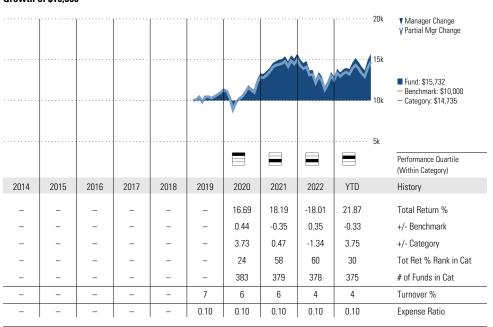
## **Morningstar Investment Management LLC Analysis**

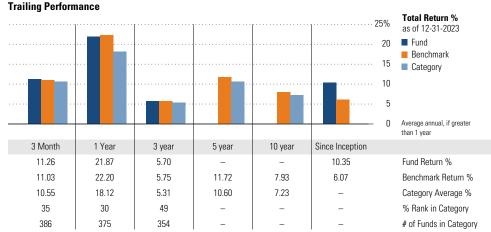
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

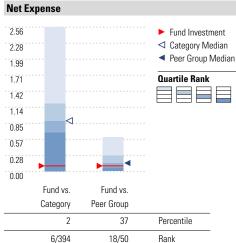
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

## Growth of \$10,000







3- Tear hisk Wiellics			
	Fund	Bmark	Cat
Alpha	-	-	-
Beta	_	_	_
R-Squared	_	_	_
Standard Deviation	16.71	_	16.72
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	_	_	_

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	18.01	18.60	18.69
Price/Book Ratio	2.48	2.70	2.83
Geom Avg Mkt Cap \$B	81.34	121.33	107.81
ROE	23.99	25.71	24.27



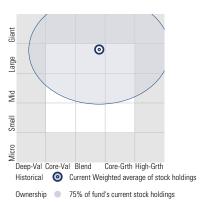
## Vanguard Total World Stock Index Admiral VTWAX

### **Morningstar Category** Global Large-Stock Blend

## Morningstar Index MSCI ACWI NR USD

## Style Analysis as of 12-31-2023

Morningstar Style Box™



## Style Breakdown

Equity

6	25 8	32 5	raige iviid oilie
2	3	1	

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 12-31-2023



Sec	ctor Weighting as of 12-	31-2023			
		Fund	Bmark	Cat	Fund Benchmark Category Average
Դ	Cyclical	34.44	33.19	31.31	
A.	Basic Materials	4.66	4.39	4.40	
4	Consumer Cyclical	11.13	10.92	11.00	
<b>,</b>	Financial Services	15.50	15.45	13.86	
ŧ	Real Estate	3.15	2.43	2.05	
M	Sensitive	45.48	46.26	46.11	
	Communication Services	6.90	7.40	6.73	
•	Energy	4.53	4.59	5.01	
<b>Ģ</b>	Industrials	11.37	10.44	14.29	
	Technology	22.68	23.83	20.08	
<b>→</b>	Defensive	20.09	20.53	22.58	
=	Consumer Defensive	6.32	6.67	7.18	
ř	Healthcare	11.17	11.31	12.28	
•	Utilities	2.60	2.55	3.12	
					0% 5 10 15 20 25 30 35 40 45

## World Regions % Equity 12-31-2023



Greater Asia	Fund % 17.98	Cat % 13.09
Japan	6.14	5.30
Australasia	2.04	0.77
Asia-4 Tigers	4.22	3.61
Asia-ex 4 Tigers	5.58	3.41
Not Classified	0.00	0.00

Americas	Fund % 64.64	Cat % 64.97	Greater Europe	Fund % 17.38	Cat % 21.93	Market Maturity	Fund %
North America	63.38	64.10	United Kingdom	3.57	5.24	Developed Markets	92.13
Central/Latin	1.26	0.87	W euro-ex UK	12.20	16.31	Emerging Markets	7.87
			Emrgng Europe	0.27	0.06	Not Available	0.00
			Africa	1.34	0.32		

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
⇒ Apple Inc	3.72	3.72	48.91	Technology
Microsoft Corp	3.67	7.39	57.96	Technology
⊕ Amazon.com Inc	1.79	9.18	80.88	Consumer Cyclical
NVIDIA Corp	1.54	10.73	238.98	Technology
⊕ Alphabet Inc Class A	1.09	11.82	58.32	Communication Svc
⊕ Meta Platforms Inc Class A	1.03	12.84	194.13	Communication Svc
	0.92	13.77	58.83	Communication Svc
⊕ Tesla Inc	0.90	14.67	101.72	Consumer Cyclical
⊕ Mktliq 12/31/2049	0.81	15.48	_	_
Berkshire Hathaway Inc Class B	0.71	16.19	15.46	Financial Services

## Total Holdings 9827