### American Century Inflation Adjs Bond R5 AIANX

Portfolio Manager(s)

Robert Gahagan since 11-2001 James Platz since 09-2007 Miguel Castillo since 02-2014

#### Quantitative Screens

Performance: The fund has finished in the Inflation-Protected Bond category's top three quartiles in 8 of the 10 years it's been in existence.

Management: The fund's management has been in place for 21.85 years.

Style Consistency is not calculated for Fixed Income funds.

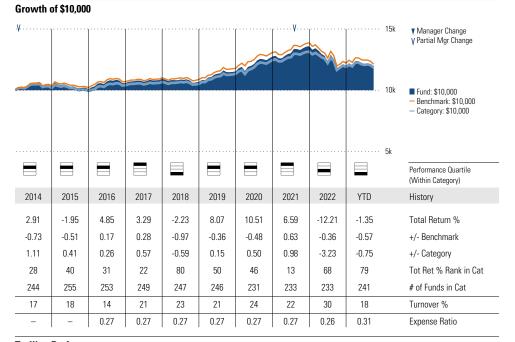
Net Expense: The fund's expense ratio of 0.31 is 50% lower than the Inflation-Protected Bond category average.

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

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

### **ESG Metrics**

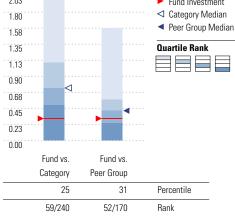
Metric	Rating	Updated
Sustainability Rating	3	08-31-2023



**Morningstar Category** 

Inflation-Protected Bond





158	-	# of Funds in Category					
3-Year Risk	Metrics						
		Fund	Bmark	Cat			
Alpha		-0.01	-	0.39			
Beta		1.02	-	0.89			
R-Squared		99.51	-	93.36			
Standard Devia	ition	7.00	6.86	6.33			
Sharpe Ratio		-0.54	-0.55	-0.44			
Tracking Error		0.51	-	1.95			
Information Ra	tio	-0.11	-	-0.07			
Up Capture Rat	io	102.56	-	90.18			
Down Capture	Ratio	102.57	-	86.17			

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	7.37	4.52	5.88
Avg Eff Maturity	6.80	-	6.75

Peer group is a subset of the category and includes funds with the

same management style (active vs. passive) and similar share class characteristics.

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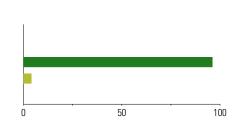
Morningstar Index Bloomberg US Treasury US TIPS TR

USD

# American Century Inflation Adjs Bond R5 AIANX

### Style Analysis as of 09-30-2023





Total	100.00	100.00
Other	0.00	0.36
Cash	3.94	-0.10
Bonds	96.06	99.64
Non-US Stocks	0.00	0.00
US Stocks	0.00	0.11
Asset Class	Net %	Cat%

**Morningstar Category** 

Inflation-Protected Bond

Morningstar Index Bloomberg US Treasury US TIPS TR USD

### Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	94.68	0.00	88.72
AA	1.08	99.60	3.39
A	1.39	0.00	1.89
BBB	0.61	0.00	2.59
BB	0.00	0.00	1.01
В	0.00	0.00	0.58
Below B	0.00	0.00	0.20
Not Rated	2.24	0.40	1.62

	Fund	Bmark	Cat	Fund • Benchmark [] Category Average
Government	92.62	-	90.29	
Treasury	0.00	-	0.28	0
Inflation – Protected	62.00	-	80.77	
Agency/Quasi Agency	0.00	-	0.09	0
Other Government Related	30.62	-	9.15	
Corporate	0.76	_	1.40	0
Corporate Bond	0.76	-	1.37	
Bank Loan	0.00	-	0.03	0
Convertible	0.00	-	0.00	Ū
Preferred	0.00	-	0.00	Ú .
Securitized	2.50	-	4.02	
Agency MBS Pass-Through	0.00	-	1.19	0
Agency MBS ARM	0.00	-	0.00	Ū į
Agency MBS CMO	0.01	-	0.27	0
Non-Agency Residential MBS	0.03	-	0.06	
Commercial MBS	0.36	-	0.20	
Asset-Backed	2.10	-	2.04	
Covered Bond	0.00	-	0.26	
Municipal	0.00	-	0.00	
Cash & Equivalents	4.12	-	4.18	
Other	0.00	-	0.10	

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

### Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Us 5yr Note (Cbt) Sep23 Xcbt 20230929	09-2023	10.79	10.79	_
$\oplus$ United States Treasury Notes 0.625%	01-2026	4.80	15.60	_
⊕ State Street Bank & Trust Co 5 Repo - 03jul23	07-2023	4.01	19.60	-
$\oplus$ United States Treasury Notes 0.625%	01-2024	3.46	23.06	_
United States Treasury Notes 0.125%	04-2027	3.45	26.51	-
⊕ United States Treasury Notes 0.125%	10-2025	3.41	29.92	-
$\oplus$ United States Treasury Bonds 2%	01-2026	3.35	33.28	_
$\oplus$ Future on Ultra 10 Year US Treasury Note	09-2023	3.29	36.57	_
$\oplus$ Future on 2 Year Treasury Note	09-2023	3.28	39.85	_
⊕ United States Treasury Notes 0.5%	01-2028	2.69	42.54	-

### Total Holdings 135

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

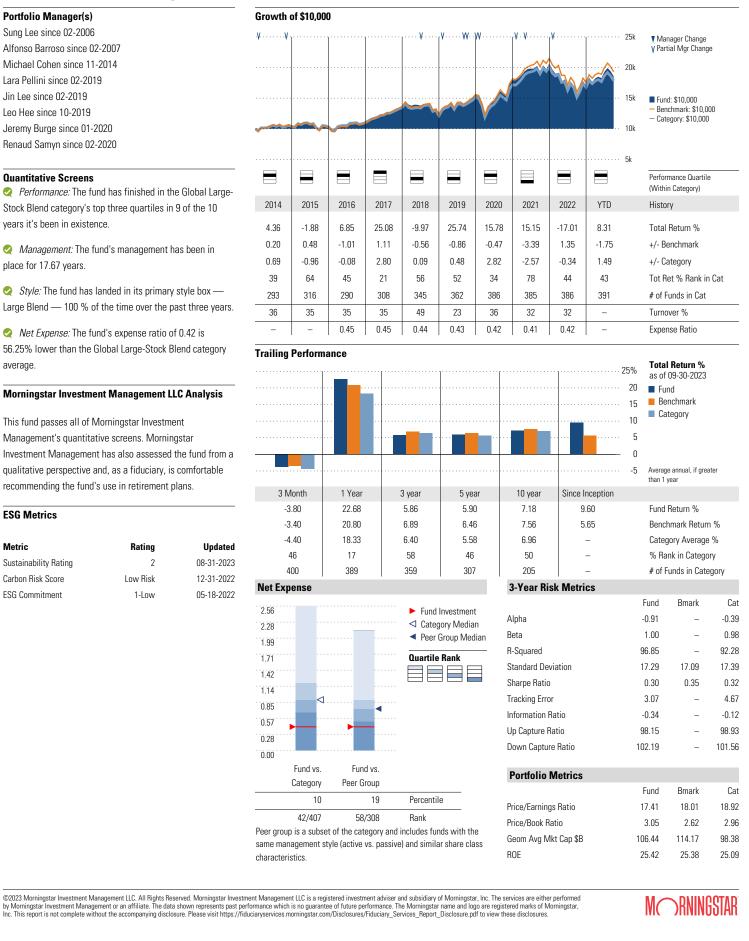
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# American Funds Capital World Gr&Inc R6 RWIGX

Global Large-Stock Blend MSCI

Morningstar Index MSCI ACWI NR USD



### American Funds Capital World Gr&Inc R6 RWIGX

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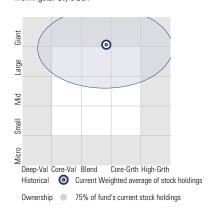
Energy

¢

F

Utilities

Style Analysis as of 09-30-2023 Morningstar Style Box™







Weight %

<25

>50 25-50 10-25 0-10

### World Regions % Equity 09-30-2023



Fund

28.98

6.73

10.58

11 02

0.65

45.56

5.43

5.48

13.82

20.83

25.46

7.54

15.65

2.27

Bmark

32.83

4.34

11.16

14 95

2.38

45.72

7.59

4.93

10.27

22.93

21.45

7.05

11.84

2.56

50

Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

Total	100.00	100.00
Other	0.07	2.18
Cash	4.03	1.42
Bonds	0.53	1.31
Non-US Stocks	49.00	39.23
US Stocks	46.37	55.87
Asset Class	Net %	Cat%

#### Benchmark [] Category Average Cat Fund 31.24 4.87 11.27 13.30 1.80 44.76 6.43 4.23 14.83 19.27 24.00 7.96 12.93 3.11 0% 10 15 20 25 30 35 40 45 50 5

	Greater Asia	Fund % 18.00	Cat % 13.33	Americas	Fund % 55.93	Cat % 62.46	Greater Europe	Fund % 26.09	Cat % 24.22	Market Maturity	Fund %
	Japan	6.36	5.62	North America	53.40	61.65	United Kingdom	5.77	6.00	Developed Markets	92.30
	Australasia	1.79	0.87	Central/Latin	2.53	0.81	W euro-ex UK	20.17	17.82	Emerging Markets	7.70
	Asia-4 Tigers	4.68	3.74				Emrgng Europe	0.01	0.04	Not Available	0.00
	Asia-ex 4 Tigers	5.17	3.10				Africa	0.14	0.36		
	Not Classified	0.00	0.00								
>75											

25-50 Top 10 Holdings as of 09-30-2023

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Capital Group Central Cash Fund	3.89	3.89	_	_
⊖ Broadcom Inc	3.59	7.48	51.02	Technology
⊕ Microsoft Corp	3.55	11.03	32.51	Technology
$\ominus$ Taiwan Semiconductor Manufacturing Co Ltd	2.30	13.33	-	Technology
€ UnitedHealth Group Inc	1.87	15.20	-3.88	Healthcare
⊖ LVMH Moet Hennessy Louis Vuitton SE	1.78	16.99	-	Consumer Cyclical
$\ominus$ ASML Holding NV	1.75	18.74	-	Technology
$\oplus$ Philip Morris International Inc	1.57	20.30	-4.73	Consumer Defensive
Abbott Laboratories	1.43	21.73	-10.39	Healthcare
Eli Lilly and Co	1.43	23.16	47.75	Healthcare

### Total Holdings 346

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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**Morningstar Category** 

Global Large-Stock Blend MSCI ACWI NR USD

Morningstar Index

# American Funds Invmt Co of Amer R6 RICGX

Morningstar Category

Morningstar Index S&P 500 TR USD

35

Vanager Change



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 31.6 years.

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

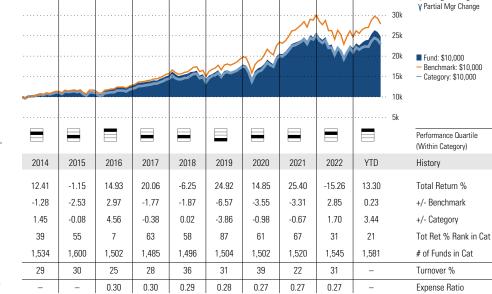
Net Expense: The fund's expense ratio of 0.27 is 64% lower than the Large Blend category average.

### 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 recommending the fund's use in retirement plans.

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	1	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022



V



Growth of \$10,000

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4 87 Fund Investment Category Median 4.33 Peer Group Median 3.79 3.25 Quartile Rank 2.71 2.16 1.62 1.08 0.54 0.00 Fund vs Fund vs Peer Group Category 19 15 Percentile 313/1700 145/972 Rank

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

# of Funds in Category **3-Year Risk Metrics** Fund Bmark Cat Alpha 0.87 -0.66 0.91 0.95 Beta R-Squared 96.88 94.61 Standard Deviation 16 58 17 85 17 40 Sharpe Ratio 0 55 0 52 0.45 Tracking Error 3.30 3.74 Information Ratio 0.04 -1.15 Up Capture Ratio 94.62 93.16 Down Capture Ratio 91.99 95.77 **Portfolio Metrics** Fund Bmark Cat

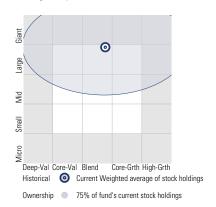
Price/Earnings Ra	ntio	20.97	22.40	22.25
Price/Book Ratio		3.63	3.98	4.46
Geom Avg Mkt C	ap \$B	182.04	228.69	275.77
ROE		25.84	30.76	29.52

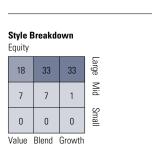
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### American Funds Invmt Co of Amer R6 RICGX

Style Analysis as of 09-30-2023 Morningstar Style Box™





Weight %

>50 25-50 10-25 0-10

### Top 15 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ Microsoft Corp	7.73	7.73	32.51	Technology
$\ni$ Broadcom Inc	5.04	12.77	51.02	Technology
$oldsymbol{eta}$ Capital Group Central Cash Fund	4.65	17.42	-	-
ightarrow General Electric Co	3.69	21.10	49.86	Industrials
$\oplus$ Amazon.com Inc	2.74	23.85	51.33	Consumer Cyclical
Apple Inc	2.15	26.00	32.32	Technology
€ Abbott Laboratories	2.12	28.12	-10.39	Healthcare
ightarrow Meta Platforms Inc Class A	2.11	30.23	149.47	Communication Svc
Đ British American Tobacco PLC	2.00	32.23	-	Consumer Defensive
$\oplus$ Mastercard Inc Class A	1.96	34.19	14.35	Financial Services
∋ Netflix Inc	1.95	36.14	28.05	Communication Svc
	1.80	37.94	48.32	Communication Svc
$\ni$ Philip Morris International Inc	1.79	39.73	-4.73	Consumer Defensive
Linde PLC	1.76	41.49	15.33	Basic Materials
Alphabet Inc Class C	1.73	43.22	48.60	Communication Svc

### Total Holdings 214

 $\oplus$  Increase  $\ominus$  Decrease R New to Portfolio

### Sector Weighting as of 09-30-2023

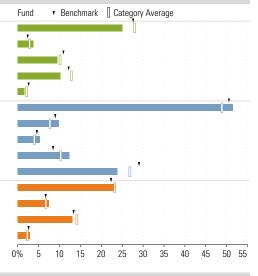
Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat
Դ	Cyclical	25.10	27.45	27.95
æ.	Basic Materials	3.72	2.23	2.85
A	Consumer Cyclical	9.56	10.77	10.13
цф.	Financial Services	10.22	12.01	12.82
ŵ	Real Estate	1.60	2.44	2.15
V.	Sensitive	51.44	50.38	48.85
g	Communication Services	9.82	8.81	7.72
0	Energy	5.37	4.42	3.99
٥	Industrials	12.43	8.29	10.30
	Technology	23.82	28.86	26.84
-	Defensive	23.47	22.17	23.21
F	Consumer Defensive	7.50	6.53	6.73
٠	Healthcare	13.06	13.21	14.16
2	Utilities	2.91	2.43	2.32



Morningstar Index

Morningstar Category





### American Funds New World R6 RNWGX

### Portfolio Manager(s)

Carl Kawaja since 06-1999
Robert Lovelace since 06-1999
Winnie Kwan since 01-2009
Christopher Thomsen since 01-2009
Tomonori Tani since 10-2013
Jonathan Knowles since 01-2016
Akira Shiraishi since 01-2017
Bradford Freer since 01-2017
Lisa Thompson since 10-2019
Kirstie Spence since 12-2019
Dawid Justus since 01-2020
Piyada Phanaphat since 01-2020

#### **Quantitative Screens**

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 24.3 years.

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

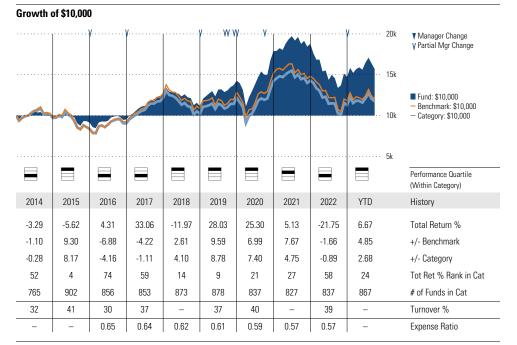
Net Expense: The fund's expense ratio of 0.57 is 50% lower than the Diversified Emerging Mkts category average.

### **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.

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

**ESG Metrics** 





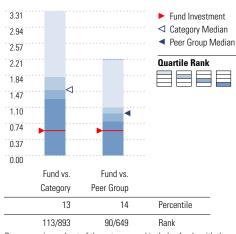
Alpha

Beta

R-Squared

Sharpe Ratio

### Net Expense



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

Benchmark Category Average annual, if greater than 1 year Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category **3-Year Risk Metrics** Fund Bmark Cat 3.12 0.13 0.96 0.85 78.76 87.58 Standard Deviation 17 07 17 90 18 47 0.05 -0 12 -0.10 Tracking Error 8.33 6.34 Information Ratio 0.39 -0.02 Up Capture Ratio 93.06 98.68 Down Capture Ratio 80.37 98.67 Portfolio Metrics

		Fund	Bmark	Cat
Pr	ice/Earnings Ratio	18.17	12.44	13.62
Pr	ice/Book Ratio	2.98	1.57	1.94
G	eom Avg Mkt Cap \$B	59.03	34.93	45.85
R	DE	22.42	16.48	18.37

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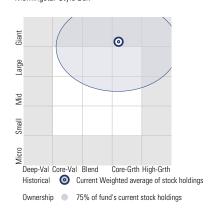


Morningstar Index **Morningstar Category** 

Diversified Emerging Mkts MSCI EM NR USD

### American Funds New World R6 RNWGX

Style Analysis as of 09-30-2023 Morningstar Style Box™





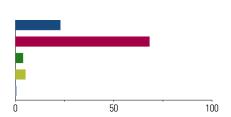


Weight %

<25

>50 25-50 10-25 0-10

### World Regions % Equity 09-30-2023



### Sector Weighting as of 09-30-2023

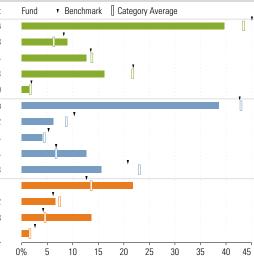
Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat
Դ	Cyclical	39.70	44.93	43.44
æ.	Basic Materials	8.92	8.10	6.28
	Consumer Cyclical	12.70	13.38	13.74
ц.	Financial Services	16.15	21.69	21.73
ŵ	Real Estate	1.93	1.76	1.69
w.	Sensitive	38.58	42.53	42.93
	Communication Services	6.20	10.16	8.72
0	Energy	4.09	5.13	4.44
¢	Industrials	12.70	6.60	6.74
	Technology	15.59	20.64	23.03
	Defensive	21.73	12.54	13.61
F	Consumer Defensive	6.59	6.01	7.42
٠	Healthcare	13.61	4.06	4.58
9	Utilities	1.53	2.47	1.61
-				

Morningstar Index **Morningstar Category** MSCI EM NR USD

Diversified Emerging Mkts

Asset Class	Net %	Cat%
US Stocks	22.73	3.39
Non-US Stocks	68.10	94.61
Bonds	3.75	0.00
Cash	4.99	1.75
Other	0.43	0.24
Total	100.00	100.00



	Greater Asia	Fund % 38.48	Cat % 74.43	Americas	Fund % 36.40	Cat % 15.31	Greater Europe	Fund % 25.12	Cat % 10.24	Market Maturity	Fund %
	Japan	2.51	0.08	North America	26.68	2.89	United Kingdom	2.38	0.58	Developed Markets	59.04
	Australasia	0.46	0.00	Central/Latin	9.72	12.42	W euro-ex UK	20.00	1.92	Emerging Markets	40.96
	Asia-4 Tigers	6.81	27.40				Emrgng Europe	0.59	1.50	Not Available	0.00
	Asia-ex 4 Tigers	28.70	46.95				Africa	2.15	6.24		
	Not Classified	0.00	0.00								
>75											

Top 10 Holdings as of 09-30-2023

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Capital Group Central Cash Fund	4.81	4.81	_	_
⊖ Microsoft Corp	2.91	7.72	32.51	Technology
$\ominus$ Novo Nordisk A/S Class B	2.17	9.89	-	Healthcare
$\ominus$ Taiwan Semiconductor Manufacturing Co Ltd	2.02	11.91	-	Technology
$\oplus$ LVMH Moet Hennessy Louis Vuitton SE	1.82	13.72	-	Consumer Cyclical
Kotak Mahindra Bank Ltd	1.61	15.33	-	Financial Services
Airbus SE	1.55	16.88	-	Industrials
$\ominus$ Eli Lilly and Co	1.26	18.13	47.75	Healthcare
Reliance Industries Ltd	1.16	19.30	-	Energy
⊖ AIA Group Ltd	1.12	20.42	-	Financial Services

### Total Holdings 590

 $\oplus$  Increase  $\oplus$  Decrease otin New to Portfolio

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### Baird Aggregate Bond Inst BAGIX

### 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

*Q 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 23.02 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	08-31-2023
ESG Commitment	1-Low	02-15-2022

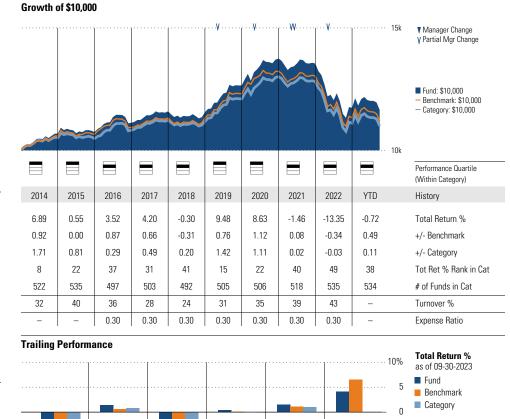


Morningstar Index

Morningstar Category

Intermediate Core Bond

Bloomberg US Agg Bond TR USD

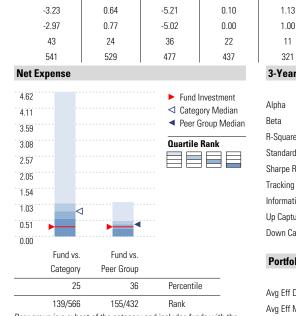


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1.55

11

321



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

**3-Year Risk Metrics** Fund **Bmark** Cat Alpha 0.25 0.02 0.98 1 01 99.48 **R-Squared** 96.70 6.29 Standard Deviation 6 20 6 18 Sharpe Ratio -1 11 -1.16 -1.15 Tracking Error 0.46 1.01 Information Ratio 0.40 -0.10 Up Capture Ratio 102.72 97.41 99.65 97.57 Down Capture Ratio

-5

-10

Since Inception

4.08

6.50

\_

Average annual, if greater

Benchmark Return %

Category Average %

% Rank in Category

# of Funds in Category

than 1 year

Fund Return %

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.31	4.43	6.10
Avg Eff Maturity	8.44	-	8.47

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3 Month

-3.07

1 Year

1.41

3 year

-5.02

5 year

0.44



# Baird Aggregate Bond Inst BAGIX

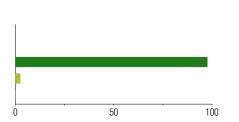
### Style Analysis as of 09-30-2023 Style Breakdown Fixed Income Quality High Mid

5

Ltd Mod Ext

Duration

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	59.70	3.53	56.04
AA	3.80	74.59	8.35
А	13.10	10.82	17.35
BBB	23.20	8.32	15.53
BB	0.20	0.28	1.06
В	0.00	0.00	0.38
Below B	0.00	0.00	0.18
Not Rated	0.00	2.46	1.11



Asset Allocation as of 09-30-2023

#### Asset Class Net % Cat% US Stocks 0.00 0.07 Non-US Stocks 0.00 0.00 Bonds 97.56 95.99 Cash 2.35 2.17 0.09 Other 1.78 Total 100.00 100.00

#### Sector Weighting as of 09-30-2023 Benchmark [] Category Average Fund Bmark Cat Fund Government 21.77 35.96 21.77 27.66 Treasurv \_ Inflation - Protected 0.00 2.08 1 0.00 i () Agency/Quasi Agency 1.08 Other Government Related 0.00 5.14 39.03 Corporate 25.61 \_ Corporate Bond 39.03 25.53 Bank Loan 0.00 \_ 0.02 Convertible 0.00 0.00 Preferred 0.00 \_ 0.06 Securitized 35.95 35.02 \_ [ Agency MBS Pass-Through 21.94 27.29 Agency MBS ARM 0.00 0.20 Agency MBS CMO 2.04 1.31 Non-Agency Residential MBS 0.72 0.49 iî. Commercial MBS 4.84 0.57 ĵ. Asset-Backed 641 5.16 \_ Covered Bond 0.00 0.00 1 Municipal 0.89 \_ 0.83 **Cash & Equivalents** 2.35 1.99 i i i i \_ Other 0.00 \_ 0.57 10 0% 5 10 15 20 25 30 35 40

### Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
① United States Treasury Notes 1.13%	10-2026	3.31	3.31	_
United States Treasury Bonds 2.5%	02-2045	3.13	6.44	-
⊕ First American Government Obligs U	02-2030	2.28	8.71	-
United States Treasury Bonds 2.88%	05-2043	2.27	10.99	-
United States Treasury Notes 1.13%	08-2028	2.24	13.23	-
United States Treasury Bonds 1.38%	11-2040	1.77	15.00	-
United States Treasury Notes 2.38%	03-2029	1.41	16.41	-
United States Treasury Bonds 2.38%	02-2042	1.20	17.61	-
	05-2032	1.04	18.65	-
$\oplus$ United States Treasury Bonds 2.88%	05-2052	1.01	19.66	-

### Total Holdings 1710

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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Intermediate Core Bond

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

### Morningstar Category

### Baird Core Plus Bond Inst BCOIX

### 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-Plus Bond category's top three quartiles in 10 of the 10 years it's been in existence.

*Management:* The fund's management has been in place for 23.02 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.3 is 59.46% lower than the Intermediate Core-Plus Bond category average.

### Morningstar Investment Management LLC Analysis

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

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
ESG Commitment	1-Low	02-15-2022

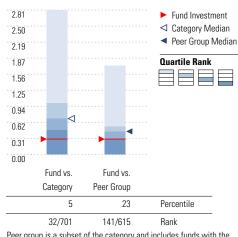


					····¥·····	¥	· · · ₩ · · · ·	¥		15k	▼ Manager Change γ Partial Mgr Change
				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				W		· 10k	<ul> <li>Fund: \$10,000</li> <li>Benchmark: \$10,000</li> <li>Category: \$10,000</li> </ul>
											Performance Quartile (Within Category)
2014	2015	2016	2017	2018	2019	2020	2021	2022	YTD		History
6.59	0.14	4.73	4.65	-0.51	10.11	8.80	-1.02	-12.87	-0.21		Total Return %
0.62	-0.41	2.08	1.11	-0.52	1.39	1.29	0.52	0.14	1.00		+/- Benchmark
1.17	0.59	0.87	0.38	0.10	1.17	0.74	-0.35	0.40	0.30		+/- Category
17	37	23	32	41	23	35	60	30	35		Tot Ret % Rank in Cat
539	570	540	573	597	631	620	632	646	680		# of Funds in Cat
35	34	33	30	26	26	33	45	29	-		Turnover %
_	-	0.30	0.30	0.30	0.30	0.30	0.30	0.30	-		Expense Ratio



Growth of \$10,000





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

% Rank in Category # of Funds in Category Fund Bmark Cat Alpha 0.80 0.58 1 01 Beta 1 00 R-Squared 98.98 93.95 Standard Deviation 621 6 20 6.49 Sharpe Ratio -1.03 -1.16 -1.03 Tracking Error 0.63 1.60 Information Ratio 1.25 0.31 Up Capture Ratio 102.21 103.07 93.76 97.08 Down Capture Ratio

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.06	4.43	6.32
Avg Eff Maturity	8.21	-	9.39

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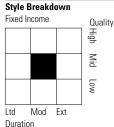


Morningstar Category Morningstar Index

Intermediate Core-Plus Bond Bloomberg US Agg Bond TR USD

# Baird Core Plus Bond Inst BCOIX

### Style Analysis as of 09-30-2023



Not Rated

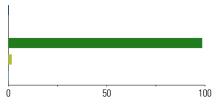
**Credit Rating Breakdown** Fund Bmark Cat AAA 48.10 3.53 52.06 AA 3.80 74.59 5.00 13.40 10.82 А 11.81 BBB 8.32 18.82 31.40 BB 2.70 0.28 5.05 В 0.10 0.00 2.40 Below B 0.10 0.00 1.01

0.40

2.46

3.85

Asset Allocation	as of 09-30-2023



### Sector Weighting as of 09-30-2023

#### Benchmark [] Category Average Bmark Cat Fund Fund Government 15.73 27.12 15.73 15.83 Treasurv \_ Inflation - Protected 0.00 0.46 I 0.00 Agency/Quasi Agency 0 56 Other Government Related 0.00 10.27 27.53 49.83 Corporate \_ Corporate Bond 49.83 27.05 Bank Loan 0.00 \_ 0.17 Convertible 0.00 0.05 Preferred 0.00 \_ 0.26 Securitized 31.50 38.67 \_ Agency MBS Pass-Through 18.12 25.57 Agency MBS ARM 0.00 0.05 Agency MBS CMO 1.62 3.60 Π Non-Agency Residential MBS 0.56 0.16 Ĩ. Commercial MBS 5.05 1.52 Asset-Backed 7.77 6.15 \_ Covered Bond 0.00 0.00 Û. Municipal 1.40 \_ 0.70 **Cash & Equivalents** 1.51 2.63 \_ Other 0.00 \_ 3.34 0% 5 10 15 20 25 30 35 40 45 50

### Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
$\odot$ United States Treasury Bonds 2.5%	02-2045	3.09	3.09	-
⊕ United States Treasury Notes 1.13%	08-2028	2.63	5.72	-
United States Treasury Bonds 2.88%	05-2043	2.40	8.12	-
⊕ United States Treasury Notes 1.13%	10-2026	1.67	9.79	-
$\ominus$ First American Government Obligs U	02-2030	1.51	11.31	-
United States Treasury Bonds 1.38%	11-2040	1.26	12.56	_
⊕ United States Treasury Bonds 2.38%	02-2042	0.93	13.50	-
⊕ United States Treasury Notes 2.38%	03-2029	0.86	14.36	-
⊕ United States Treasury Bonds 2.88%	05-2052	0.73	15.10	-
⊖ United States Treasury Notes 2.88%	05-2032	0.62	15.72	-

### Total Holdings 1502

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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Morningstar Category Morningstar Index

Intermediate Core-Plus Bond Bloomberg US Agg Bond TR USD

### Intermediate Cor

Total	100.00	100.00
Other	0.04	1.48
Cash	1.52	-2.57
Bonds	98.43	100.91
Non-US Stocks	0.00	0.00
US Stocks	0.01	0.19
Asset Class	Net %	Cat%

## Eaton Vance Income Fund of Boston I EIBIX

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

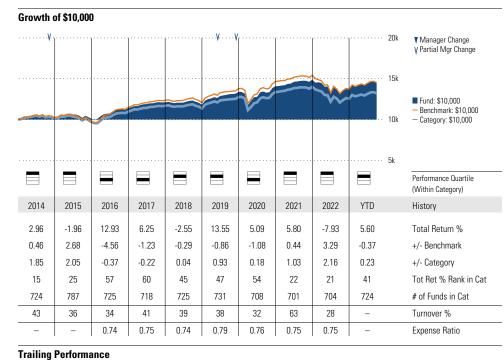
Management: The fund's management has been in place for 8.91 years.

Style Consistency is not calculated for Fixed Income funds.

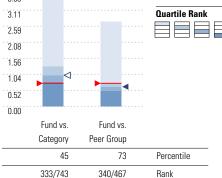
Net Expense: The fund's expense ratio of 0.75 is 15.73% lower than the High Yield Bond category average.

### **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.







Up Capture Ratio	97.94	-	90.23
Down Capture Ratio	86.13	-	89.28
Portfolio Metrics			
Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	3.71	-	3.29
Avg Eff Maturity	5.12	-	4.97

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

Rank

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Morningstar Category Morningstar Index

High Yield Bond

ICE BofA US High Yield TR USD

### Eaton Vance Income Fund of Boston I EIBIX

### Style Analysis as of 09-30-2023



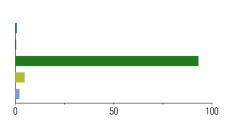


Duration

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	0.00	-	2.28
AA	0.00	-	0.12
А	0.00	-	0.35
BBB	6.94	-	6.05
BB	39.21	-	40.00
В	38.18	-	37.20
Below B	10.63	-	11.37
Not Rated	5.04	-	2.63

A + All +	
Asset Allocation	as of 09-30-2023

Sector Weighting as of 09-30-2023



Fund

#### Asset Class Net % Cat% US Stocks 0.47 0.60 Non-US Stocks 0.13 0.20 Bonds 92.96 94.59 Cash 4.54 3.17 Other 1.83 1.50 Total 100.00 100.00

Benchmark [] Category Average

#### 10 Government 0.00 1.21 1 0.00 0.93 Treasurv \_ Ó Inflation - Protected 0.00 0.01 0.00 0.02 Agency/Quasi Agency Other Government Related 0.00 0.25 Corporate Corporate Bor Bank Loan Convertible Preferred Securitized Agency MBS

Bmark

Cat

Fund

Corporate	95.41	-	90.77	
Corporate Bond	89.14	-	87.93	
Bank Loan	5.14	-	2.42	
Convertible	0.64	-	0.39	
Preferred	0.49	-	0.03	Ú
Securitized	0.00	-	1.17	
Agency MBS Pass-Through	0.00	-	0.03	
Agency MBS ARM	0.00	-	0.00	
Agency MBS CMO	0.00	-	0.06	Ū l
Non-Agency Residential MBS	0.00	-	0.07	
Commercial MBS	0.00	-	0.09	
Asset-Backed	0.00	-	0.92	0
Covered Bond	0.00	-	0.00	0
Municipal	0.00	-	0.03	
Cash & Equivalents	4.60	-	4.76	
Other	0.00	-	2.08	10

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

### Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
$\oplus$ Msilf Government Portfolio Msilf Government Portfolio	12-2030	4.04	4.04	-
iShares Broad USD High Yield Corp Bd ETF	-	1.49	5.53	-
CCO Holdings, LLC/ CCO Holdings Capital Corp. 4.5%	08-2030	0.78	6.31	-
Mozart Debt Merger Subordinated Inc. 5.25%	10-2029	0.63	6.94	-
Rolls-Royce PLC 5.75%	10-2027	0.56	7.50	-
Sprint Capital Corporation 6.875%	11-2028	0.54	8.04	-
Neptune Energy Bondco PLC 6.625%	05-2025	0.51	8.55	-
Panther Bf Agg 2 Fixed Coupon 4.375000 Maturity 20260515	05-2026	0.51	9.05	-
BCPE Empire Topco Inc 7.625%	05-2027	0.50	9.55	-
Compass Minerals International Inc. 6.75%	12-2027	0.49	10.04	-

### Total Holdings 466

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**Morningstar Category** High Yield Bond

ICE BofA US High Yield TR USD

Morningstar Index

### Federated Hermes Govt Ultrashort IS FGUSX

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

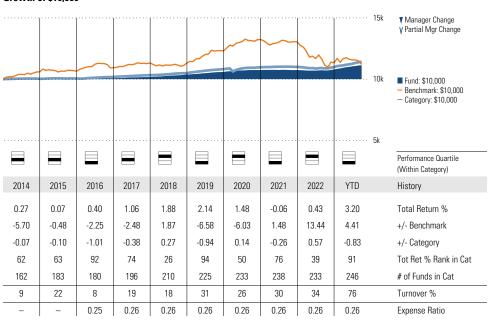
Management: The fund's management has been in place for 26.24 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.26 is 38.1% lower than the Ultrashort Bond category average.

### Morningstar Investment Management LLC Analysis

This fund fails our performance consistency screen. Its relative performance versus typical peers in the ultrashort bond category has struggled, partly due to its strict adherence to investing in government securities, which have lagged credit instruments.

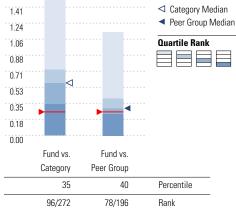


**Morningstar Category** 

Ultrashort Bond







1.36	-	Category Average %					
70	-	% Rank in Category					
107	-	# of Funds in Category					
3-Year Risk	Metrics						
		Fund	Bmark	Cat			
Alpha		1.46	-	1.85			
Beta		0.05	-	0.08			
R-Squared		22.06	-	21.31			
Standard Devia	tion	0.67	6.20	1.08			
Sharpe Ratio		-2.00	-1.16	-0.98			
Tracking Error		5.92	-	5.82			
Information Rat	io	1.08	-	1.15			
Up Capture Rat	io	11.65	-	15.49			
Down Capture I	Ratio	-4.76	-	-5.01			
Portfolio M	etrics						
		Fund	Bmark	Cat			

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

 Avg Eff Duration
 0.48
 4.43
 0.70

 Avg Eff Maturity
 5.22
 1.94

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Morningstar Index

Bloomberg US Agg Bond TR USD



### Federated Hermes Govt Ultrashort IS FGUSX

### Style Analysis as of 09-30-2023



Duration

Asset Allocati	on as of 09-30-2023		
			A
			ι
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			E
			(
			(
0	50	100	1

Total	100.00	100.00
Other	0.00	0.10
Cash	27.69	28.31
Bonds	72.31	71.51
Non-US Stocks	0.00	0.00
US Stocks	0.00	0.10
Asset Class	Net %	Cat%

Morningstar Index

Bloomberg US Agg Bond TR USD

Morningstar Category

Ultrashort Bond

### Sector Weighting as of 09-30-2023

Fund	Bmark	Cat
100.00	3.53	47.87
0.00	74.59	8.37
0.00	10.82	21.90
0.00	8.32	16.09
0.00	0.28	0.89
0.00	0.00	0.42
0.00	0.00	0.09
0.00	2.46	4.38
	100.00 0.00 0.00 0.00 0.00 0.00 0.00	100.00         3.53           0.00         74.59           0.00         10.82           0.00         8.32           0.00         0.28           0.00         0.00           0.00         0.00

	Fund	Bmark	Cat	Fund • Benchmark    Category Average
Government	2.72	-	24.91	
Treasury	1.48	-	19.27	
Inflation – Protected	0.00	-	0.00	Ú I I I I I I I I I I I I I I I I I I I
Agency/Quasi Agency	1.24	-	3.26	
Other Government Related	0.00	-	2.38	10
Corporate	0.00	-	33.27	
Corporate Bond	0.00	-	32.65	
Bank Loan	0.00	-	0.59	0
Convertible	0.00	-	0.03	Ū į
Preferred	0.00	-	0.00	Ū III III III III III III III III III I
Securitized	69.59	-	20.86	
Agency MBS Pass-Through	6.77	-	0.17	
Agency MBS ARM	0.09	-	0.24	
Agency MBS CMO	62.73	-	1.72	
Non-Agency Residential MBS	0.00	-	0.06	
Commercial MBS	0.00	-	2.46	10
Asset-Backed	0.00	-	16.21	
Covered Bond	0.00	-	0.00	
Municipal	0.00	_	0.53	0
Cash & Equivalents	27.69	-	18.81	
Other	0.00	-	1.61	10
				0% 5 10 15 20 25 30 35 40 45 50 55 60 65 70

#### Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Hsbc Repo 2 Repo	07-2023	13.42	13.42	-
⊕ Bank Of Montreal 4 Repo	07-2023	13.42	26.84	-
$\oplus$ FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.70052%	04-2033	5.51	32.34	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.55052%	12-2032	4.45	36.80	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.60052%	12-2032	4.12	40.91	-
$\oplus$ Government National Mortgage Association 5.12871%	01-2073	3.66	44.57	-
$\oplus$ FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.71629%	07-2053	3.61	48.18	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.92052%	10-2032	3.11	51.29	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.92052%	11-2032	2.69	53.98	-
$\oplus$ Government National Mortgage Association 6.1%	06-2053	2.58	56.56	-

### Total Holdings 193

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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# PIMCO Commodity Real Return Strat I2 PCRPX

### 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 4.92 years.

Style Consistency is not calculated for Fixed Income funds.

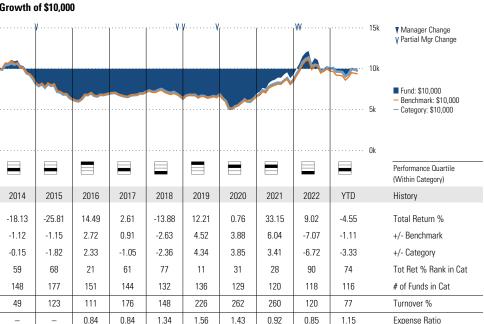
Net Expense: The fund's expense ratio of 1.09 is 3.81% higher than the Commodities Broad Basket category average.

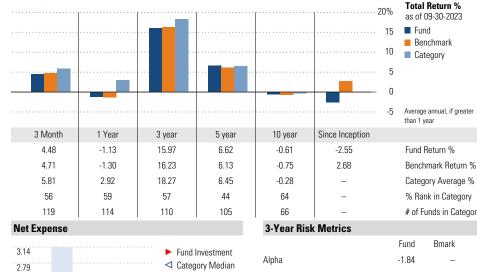
### **Morningstar Investment Management LLC Analysis**

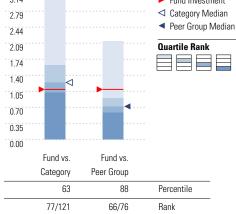
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

#### ESG Metrics

Metric Rating Updated Sustainability Rating 06-30-2023 3







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

Category Average % % Rank in Category # of Funds in Category Bmark Cat 1.67 Reta 0.99 1 1 2 96.43 R-Squared 87.55 Standard Deviation 18 28 15.98 16 87 Sharpe Ratio 0.79 0.89 0.92 Tracking Error 3.98 5.47 Information Ratio -0.07 0.11 Up Capture Ratio 107.41 101.07 Down Capture Ratio 115.53 93.74

#### **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

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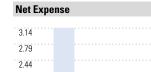
Morningstar Index

Morningstar Category Commodities Broad Basket

Bloomberg Commodity TR USD

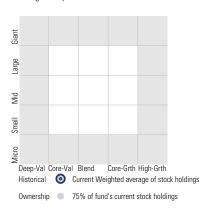
Growth of \$10,000 0.84 0.84 1.34 1.56 0.92 0.85 1.15 Expense Ratio

**Trailing Performance** 



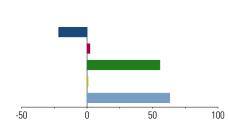
# PIMCO Commodity Real Return Strat I2 PCRPX

Style Analysis as of 09-30-2023 Morningstar Style Box™



Large Mid

Small



Cash Other	0.80 63.09	45.59 15.59
Cash	0.80	45.59
Bonds	55.62	37.34
Non-US Stocks	2.21	0.76
US Stocks	-21.73	0.71
Asset Class	Net %	Cat%

### Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat	Fund	▼ Be	enchmark	Cate	gory Av	verage			
Դ	Cyclical	-	_	44.68								[	
ŵ.	Basic Materials	-	-	44.68								0	
A	Consumer Cyclical	-	-	0.00	]								
ц <b>е</b>	Financial Services	-	-	0.00	0								
ħ	Real Estate	-	-	0.00	]								
w,	Sensitive	-	-	51.07									
đ	Communication Services	-	-	0.00	0								
0	Energy	-	-	48.94									0
₽	Industrials	-	-	2.13	0								
	Technology	-	-	0.00	1								
-	Defensive	-	-	4.26	[								
F	Consumer Defensive	-	-	4.26	0								
÷	Healthcare	-	_	0.00	]								
9	Utilities	-	-	0.00	[								
					0% 5	5 10	15 2	20 25	30	35	40	45	50 5

### Value Blend Growth

Weight %

>50 25-50 10-25 0-10

Style Breakdown Equity

### Top 15 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Thai Union Group Public Company Limited Future Sept 23	26.06	26.06	_	_
⊖ Euro Schatz Future Sept 23	19.30	45.36	_	-
⊕ US 5 Year Note (CBT) Sept13	15.39	60.75	_	-
🕀 Pimco Cayman Cmdty Fd Ltd Instl	12.50	73.25	_	-
$\ominus$ United States Treasury Notes 0.125%	12.19	85.44	-	-
⊖ US 10 Year Note (CBT) Sept13	10.06	95.50	-	_
United States Treasury Notes 1.625%	9.81	105.30	_	-
$\ominus$ EUROPEAN MONETARY UNION EURO Purchased	9.56	114.86	_	-
igodot EUROPEAN MONETARY UNION EURO Sold	9.56	124.42	_	-
$\ominus$ US Treasury Bond Future Sept 23	9.16	133.59	-	-
⊕ TRS R 5.24/91282CDC2 MYC	9.16	142.75	-	-
$\oplus$ United States Treasury Notes 0.125%	8.66	151.41	-	-
⊕ TRS R 5.24/912828YL8 MYC	6.13	157.53	_	_
➔ TRS R 5.24/912828ZJ2 MYC	5.96	163.49	_	_
娄 Offset: Unsettled Trades	5.57	169.06	_	-

### Total Holdings 802

🕀 Increase 👄 Decrease 🕸 New to Portfolio



**Morningstar Category** 

Commodities Broad Basket Bloomberg Commodity TR USD

**Morningstar Index** 

# PIMCO International Bond (USD-Hdg) I-2 PFBPX

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

*Management:* The fund's management has been in place for 9.02 years.

Style Consistency is not calculated for Fixed Income funds.

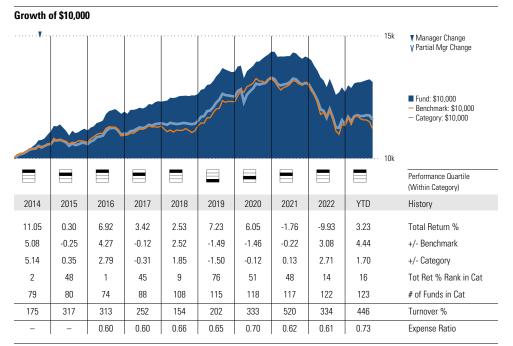
Net Expense: The fund's expense ratio of 0.73 is 1.35% lower than the Global Bond-USD Hedged category average.

### 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**

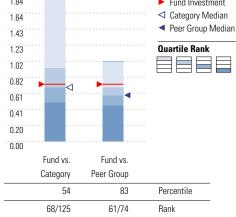
Metric	Rating	Updated
Sustainability Rating	4	08-31-2023



Morningstar Category

Global Bond-USD Hedged





66	-	# of Funds in Category					
3-Year Risk	Metrics						
		Fund	Bmark	Cat			
Alpha		0.72	-	0.33			
Beta		0.58	-	0.82			
R-Squared		69.07	-	79.52			
Standard Devia	ition	4.30	6.20	5.70			
Sharpe Ratio		-1.01	-1.16	-1.06			
Tracking Error		3.55	-	3.02			
Information Ra	tio	0.82	-	0.44			
Up Capture Rat	io	60.79	-	85.16			
Down Capture	Ratio	52.75	-	80.82			
Portfolio M	etrics						

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.10	4.43	5.90
Avg Eff Maturity	7.33	-	7.58

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

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Morningstar Index

Bloomberg US Agg Bond TR USD

# PIMCO International Bond (USD-Hdg) I-2 PFBPX

### Style Analysis as of 09-30-2023





Duration

-50	0	50	100	150

Asset Allocation as of 09-30-2023

Non-US Stocks - Bonds 11	0.21 ( 7.44 9)	0.00 0.00 6.60 3.35
US Stocks -	3.15 (	0.00
Asset Class N	let % (	Cat%

Sector Weighting as of 09-30-2023

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	52.86	3.53	43.26
AA	16.62	74.59	16.10
A	16.00	10.82	19.14
BBB	11.32	8.32	20.17
BB	1.25	0.28	4.86
В	0.31	0.00	1.22
Below B	1.64	0.00	0.45
Not Rated	0.00	2.46	-5.21

	Fund	Bmark	Cat	Fund	۲	Benchmarl	a 🛛 Categ	ory Aver	age			
Government	43.16	-	53.85									
Treasury	8.78	-	37.79						]			
Inflation – Protected	0.99	-	1.65									
Agency/Quasi Agency	0.25	-	4.93	1								
Other Government Related	33.14	-	9.48									
Corporate	1.71	_	13.47			[						
Corporate Bond	1.60	-	13.32			0						
Bank Loan	0.11	-	0.15	[								
Convertible	0.00	-	0.00									
Preferred	0.00	_	0.00	ĺ								
Securitized	11.00	-	6.44									
Agency MBS Pass-Through	6.64	-	3.62									
Agency MBS ARM	0.00	-	0.00	]								
Agency MBS CMO	0.01	-	0.54	1								
Non-Agency Residential MBS	1.41	-	0.20									
Commercial MBS	0.15	-	0.17	[								
Asset-Backed	2.04	-	1.54									
Covered Bond	0.75	-	0.37	0								
Municipal	0.03	_	0.07	]								
Cash & Equivalents	29.74	_	21.14				0					
Other	14.35	-	5.04									
				0% 5	i 1	0 15	20 25	30	35 40	45	50 5	55

### Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
☆ Offset: Unsettled Trades	_	26.13	26.13	_
IRS EUR 3.00000 09/20/23-5Y LCH Pay	09-2028	23.18	49.31	-
IRS EUR 3.00000 09/20/23-5Y LCH Receive	09-2028	22.96	72.26	-
IRS EUR 3.00000 09/20/23-10Y LCH Receive	09-2033	15.09	87.36	-
⊕ IRS EUR 3.00000 09/20/23-10Y LCH Pay	09-2033	15.07	102.43	-
☆ Cash Offset	-	14.85	117.28	_
⊕ Pimco Fds	08-2023	10.61	127.89	-
① OIS CAD CAONREPO/3.50000 05/10/24-1Y LCH Pay	05-2025	10.38	138.28	-
OIS CAD CAONREPO/3.50000 05/10/24-1Y LCH Receive	05-2025	10.28	148.55	-
⊖ Euro Bobl Future Sept 23	09-2023	10.14	158.69	-

### Total Holdings 1673

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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**Morningstar Category** Global Bond-USD Hedged

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

### Vanguard 500 Index Admiral VFIAX

### Portfolio Manager(s)

Donald Butler since 04-2016 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 in existence.

*Management:* The fund's management has been in place for 7.43 years.

*Q* 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.

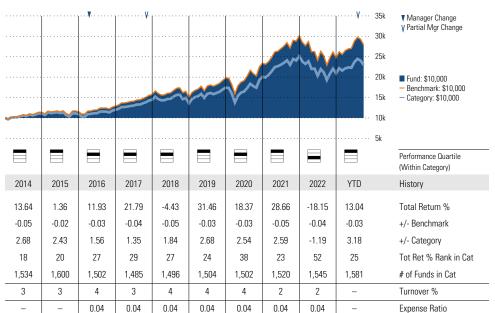
#### **Morningstar Investment Management LLC Analysis**

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**

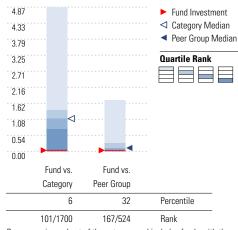
Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000



Large Blend





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

984   -	# of Funds in Category				
3-Year Risk Metrics					
	Fund	Bmark	Cat		
Alpha	-0.04	-	-0.66		
Beta	1.00	-	0.95		
R-Squared	100.00	-	94.61		
Standard Deviation	17.85	17.85	17.40		
Sharpe Ratio	0.51	0.52	0.45		
Tracking Error	0.01	-	3.74		
Information Ratio	-4.76	-	-1.15		
Up Capture Ratio	99.93	-	93.16		
Down Capture Ratio	100.07	-	95.77		

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	22.41	22.40	22.25
Price/Book Ratio	3.99	3.98	4.46
Geom Avg Mkt Cap \$B	228.88	228.69	275.77
ROE	30.78	30.76	29.52

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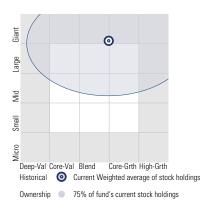


Morningstar Category Morningstar Index

S&P 500 TR USD

# Vanguard 500 Index Admiral VFIAX

**Style Analysis** as of 09-30-2023 Morningstar Style Box™







#### Weight %

>50 25-50 10-25 0-10

### Top 15 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	7.35	7.35	32.32	Technology
€ Microsoft Corp	6.45	13.81	32.51	Technology
€ Amazon.com Inc	3.26	17.07	51.33	Consumer Cyclical
➔ NVIDIA Corp	3.23	20.30	197.74	Technology
	2.14	22.44	48.32	Communication Svc
➔ Alphabet Inc Class C	1.86	24.30	48.60	Communication Svc
🕀 Tesla Inc	1.84	26.14	103.13	Consumer Cyclical
$oldsymbol{eta}$ Meta Platforms Inc Class A	1.73	27.87	149.47	Communication Svc
$oldsymbol{eta}$ Berkshire Hathaway Inc Class B	1.70	29.57	13.40	Financial Services
	1.19	30.76	9.08	Energy
Đ UnitedHealth Group Inc	1.17	31.94	-3.88	Healthcare
$oldsymbol{eta}$ Eli Lilly and Co	1.16	33.10	47.75	Healthcare
m lacksquare JPMorgan Chase & Co	1.13	34.23	10.38	Financial Services
m lacebox Visa Inc Class A	1.05	35.27	11.36	Financial Services
igram Johnson & Johnson	1.03	36.30	-9.84	Healthcare

Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

50

Fund

27.43

2.24

10.78

11.97

2.44

50.40

8.81

4.43

8.28

28 88

22.17

6.52

13.22

2.43

Bmark

27.45

2.23

10.77

12 01

2.44

50.38

8.81

4.42

8.29

28.86

22.17

6.53

13.21

2.43

100

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Energy

¢

F

Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

### Total Holdings 510

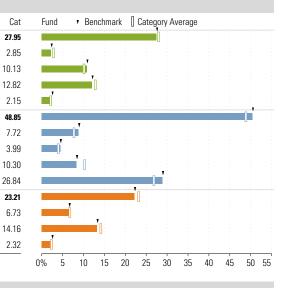
 $\oplus$  Increase  $\oplus$  Decrease R New to Portfolio



 Morningstar Category
 Morningstar Index

 Large Blend
 S&P 500 TR USD

Asset Class	Net %	Cat%
US Stocks	99.09	95.33
Non-US Stocks	0.54	2.48
Bonds	0.00	0.15
Cash	0.37	0.71
Other	0.00	1.34
Total	100.00	100.00



### Vanguard Developed Markets Index Admiral VTMGX

Portfolio Manager(s)

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

### Quantitative Screens

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

Management: The fund's management has been in place for 10.61 years.

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

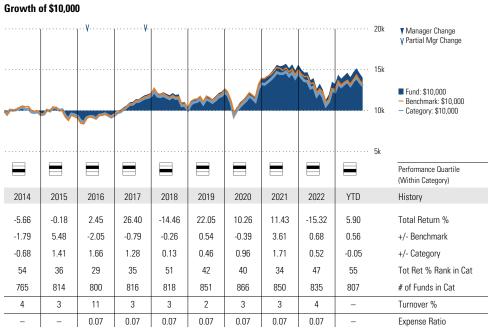
Net Expense: The fund's expense ratio of 0.07 is 91.95% lower than the Foreign Large Blend category average.

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

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

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



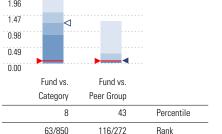
**Morningstar Category** 

Foreign Large Blend





ROE



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

Information Ratio 0.43 0.11 Up Capture Ratio 115.04 106.23 Down Capture Ratio 109.87 105.46 **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 13 60 13 48 14 20 Price/Book Ratio 1.56 1.67 1.88 Geom Avg Mkt Cap \$B 29.59 42 75 56.55

16.69

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17.72

20.14

Morningstar Index

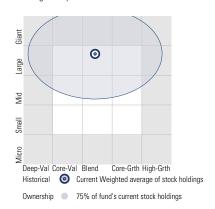
MSCI ACWI Ex USA NR USD

J4	30
765	814

### **Trailing Performance**

## Vanguard Developed Markets Index Admiral VTMGX

Style Analysis as of 09-30-2023 Morningstar Style Box™





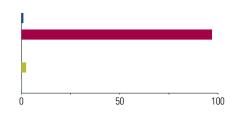


Weight %

<25

>50 25-50 10-25 0-10

### World Regions % Equity 09-30-2023

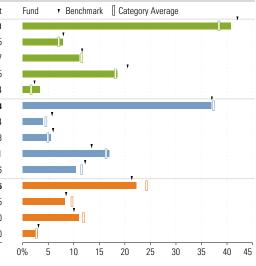


### Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat
Դ	Cyclical	40.81	41.89	38.41
æ.	Basic Materials	7.87	7.82	7.05
	Consumer Cyclical	11.06	11.49	11.57
ц.	Financial Services	18.53	20.40	18.15
ŵ	Real Estate	3.35	2.18	1.64
V.	Sensitive	36.94	36.89	37.34
	Communication Services	3.93	5.62	4.54
0	Energy	5.56	5.82	4.93
¢	Industrials	17.02	13.36	16.31
	Technology	10.43	12.09	11.56
	Defensive	22.25	21.21	24.25
F	Consumer Defensive	8.23	8.36	9.65
٠	Healthcare	11.05	9.90	11.90
9	Utilities	2.97	2.95	2.70

Asset Class	Net %	Cat%
US Stocks	0.79	3.46
Non-US Stocks	96.81	93.89
Bonds	0.00	0.22
Cash	2.23	0.97
Other	0.16	1.45
Total	100.00	100.00



	Greater Asia	Fund % 36.29	Cat % 35.08	Americas	Fund % 10.36	Cat % 8.51	Greater Europe	Fund % 53.35	Cat % 56.41	Market Maturity	Fund %
	Japan	21.44	18.59	North America	10.34	7.23	United Kingdom	12.17	13.72	Developed Markets	99.45
	Australasia	6.85	4.86	Central/Latin	0.02	1.28	W euro-ex UK	40.28	41.70	Emerging Markets	0.55
	Asia-4 Tigers	7.81	6.61				Emrgng Europe	0.32	0.07	Not Available	0.00
	Asia-ex 4 Tigers	0.19	5.02				Africa	0.58	0.92		
	Not Classified	0.00	0.00								
>75											

Top 10 Holdings as of 09-30-2023

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ SIcmt1142	1.62	1.62	_	_
€ Nestle SA	1.52	3.13	-	Consumer Defensive
€ Novo Nordisk A/S Class B	1.36	4.50	-	Healthcare
$oldsymbol{eta}$ ASML Holding NV	1.22	5.72	_	Technology
$\oplus$ Samsung Electronics Co Ltd	1.13	6.85	-	Technology
€ LVMH Moet Hennessy Louis Vuitton SE	0.99	7.84	-	Consumer Cyclical
	0.99	8.82	-	Energy
Đ Toyota Motor Corp	0.97	9.80	-	Consumer Cyclical
$oldsymbol{eta}$ Roche Holding AG	0.96	10.76	-	Healthcare
$oldsymbol{\oplus}$ Novartis AG Registered Shares	0.96	11.71	_	Healthcare

### Total Holdings 4073

 $\oplus$  Increase  $\oplus$  Decrease R New to Portfolio

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Morningstar Category

Foreign Large Blend

Morningstar Index MSCI ACWI Ex USA NR USD

### Vanguard International Growth Adm VWILX

### 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 13.76 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 0.34 is 66.99% 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**

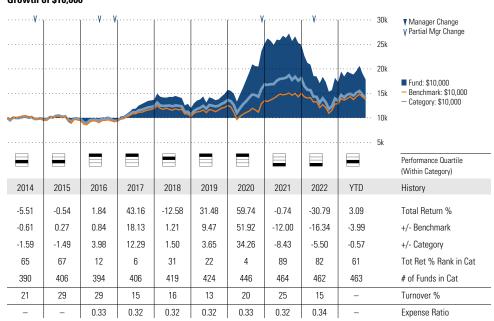
Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022





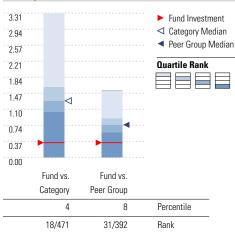
MSCI EAFE NR USD

Morningstar Index



### **Trailing Performance**





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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-10.23	-	-7.10
Beta	1.12	-	1.00
R-Squared	75.93	-	85.01
Standard Deviation	23.40	18.23	19.94
Sharpe Ratio	-0.18	0.28	-0.08
Tracking Error	11.68	-	7.79
Information Ratio	-0.89	-	-0.96
Up Capture Ratio	78.33	-	87.36
Down Capture Ratio	120.18	-	117.78

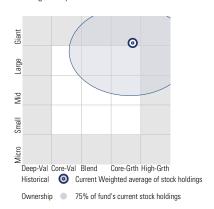
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	21.19	13.87	22.08
Price/Book Ratio	3.54	1.69	3.45
Geom Avg Mkt Cap \$B	59.17	47.39	61.22
ROE	18.06	18.84	22.50

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# Vanguard International Growth Adm VWILX

Style Analysis as of 09-30-2023 Morningstar Style Box™





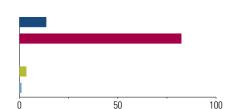


Weight %

<25

>50 25-50 10-25 0-10

### World Regions % Equity 09-30-2023



Asset Allocation as of 09-30-2023

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#### Asset Class Net % Cat% US Stocks 13.50 7.23 Non-US Stocks 82.25 89.86 Bonds 0.00 0.04 Cash 3.35 2.25 0.90 Other 0.62 Total 100.00 100.00

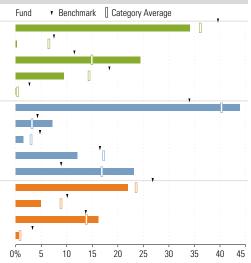
Morningstar Index

MSCI EAFE NR USD

Morningstar Category

Foreign Large Growth

#### Sector Weighting as of 09-30-2023 Cat Fund Bmark Cyclical 34.11 39.46 36.15 Basic Materials 0.28 7.36 6.50 Consumer Cyclical 24.39 11.35 14.91 Financial Services 944 18 20 14.36 Real Estate 0.00 2.55 0.38 Sensitive 43.93 33.86 40.29 **Communication Services** 7.16 4.13 3.19 Energy 3.01 1.54 4.62 Industrials 12.09 16.35 17.23 Technology 8.76 23.14 16.86 21.95 26.68 Defensive 23.57 **Consumer Defensive** 4.97 9.95 8.87 Healthcare 16.20 13.58 13.85 Utilities 0.78 3.15 0.85



1	Greater Asia	Fund % 28.28	Cat % 27.04	Americas	Fund % 21.70	Cat % 14.91	Greater Europe	Fund % 50.03	Cat % 58.05	Market Maturity	Fund %
	Japan	7.66	11.60	North America	14.97	12.77	United Kingdom	6.12	12.35	Developed Markets	81.34
	Australasia	1.11	1.55	Central/Latin	6.73	2.14	W euro-ex UK	42.73	45.17	Emerging Markets	18.66
	Asia-4 Tigers	7.57	6.63				Emrgng Europe	0.00	0.04	Not Available	0.00
	Asia-ex 4 Tigers	11.94	7.26				Africa	1.18	0.49		
	Not Classified	0.00	0.00								
	•										

Top 10 Holdings as of 09-30-2023

25-50

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\ominus$ ASML Holding NV	5.59	5.59	_	Technology
∋ MercadoLibre Inc	4.89	10.48	49.83	Consumer Cyclical
$\ni$ Adyen NV	4.10	14.58	-	Technology
igop Taiwan Semiconductor Manufacturing Co Ltd	3.02	17.60	-	Technology
$\oplus$ Tencent Holdings Ltd	2.90	20.50	-	Communication Svc
∋ Spotify Technology SA	2.79	23.29	95.87	Communication Svc
➔ Mktliq 12/31/2049	2.72	26.00	-	-
Kering SA	2.61	28.62	-	Consumer Cyclical
Moderna Inc	2.51	31.12	-42.50	Healthcare
Ferrari NV	2.08	33.20	-	Consumer Cyclical

### Total Holdings 146

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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### Vanguard International Value Inv VTRIX

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

#### **Quantitative Screens**

Shirley Woo since 10-2020

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

*Management:* The fund's management has been in place for 13.35 years.

× Style: The fund has landed in its primary style box — Large Value - 41.67 % of the time over the past three years.

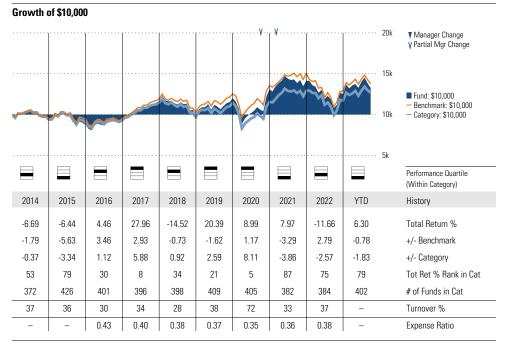
Net Expense: The fund's expense ratio of 0.38 is 60.82% lower than the Foreign Large Value category average.

### **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.

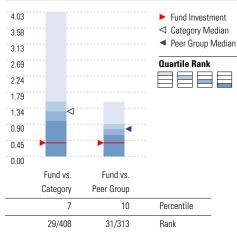
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	08-31-2023
Carbon Risk Score	Medium Risk	12-31-2022



#### **Trailing Performance**





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

**3-Year Risk Metrics** Fund **Bmark** Cat Alpha 1.95 3.13 1.03 0.99 Beta 91.86 R-Squared 89.42 Standard Deviation 19.53 18 23 19 11 Sharpe Ratio 0.37 0 28 0 43 Tracking Error 5 59 6.38 Information Ratio 0.37 0.49 Up Capture Ratio 103.77 103.27 Down Capture Ratio 95.95 91.00

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 13.59 13 87 10.37 Price/Book Ratio 1.75 1.69 1.28 Geom Avg Mkt Cap \$B 32.88 47 39 36.88 ROE 16.60 18.84 15.89

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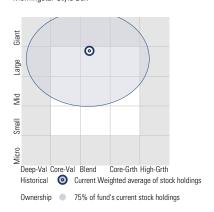


**Morningstar Category** Morningstar Index Foreign Large Value

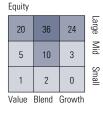
MSCI EAFE NR USD

# Vanguard International Value Inv VTRIX

Style Analysis as of 09-30-2023 Morningstar Style Box™







Weight %

<25

>50 25-50 10-25 0-10

### World Regions % Equity 09-30-2023



50

100

Bmark

39.46

7.36

11.35

18 20

2.55

33.86

4.13

4.62

16.35

8.76

26.68

9.95

13.58

3.15

Fund

42.65

10.36

17.03

14.39

0.87

40.83

4.93

5.83

18.89

11.18

16.51

6.36

7.86

2.29

Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

Consumer Defensive

0

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Energy

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F

Utilities

Net %	Cat%
5.12	3.43
90.05	94.75
0.00	0.04
4.45	1.54
0.38	0.22
100.00	100.00
	5.12 90.05 0.00 4.45 0.38

#### Benchmark [] Category Average Cat Fund 42.56 8.52 10.95 21.92 1.17 35.22 5.17 7.93 15.02 T 7.10 22.22 8.66 9.76 3.80 0% 10 15 20 25 30 35 40 45 5

4		Greater Asia	Fund % 39.15	Cat % 30.58	Americas	Fund % 12.07	Cat % 9.36	Greater Europe	Fund % 48.77	Cat % 60.05	Market Maturity	Fund %
		Japan	12.25	16.72	North America	7.96	8.12	United Kingdom	14.74	17.06	Developed Markets	81.22
		Australasia	0.57	3.68	Central/Latin	4.11	1.24	W euro-ex UK	33.73	42.12	Emerging Markets	18.78
		Asia-4 Tigers	11.87	7.21				Emrgng Europe	0.00	0.11	Not Available	0.00
		Asia-ex 4 Tigers	14.46	2.97				Africa	0.30	0.76		
		Not Classified	0.00	0.00								
>7	5											

Top 10 Holdings as of 09-30-2023

25-50

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	3.70	3.70	_	_
Alibaba Group Holding Ltd Ordinary Shares	1.82	5.52	-	Consumer Cyclical
$\ni$ HSBC Holdings PLC	1.63	7.15	-	Financial Services
$\ni$ Holcim Ltd	1.53	8.68	-	Basic Materials
⇒ Airbus SE	1.50	10.18	-	Industrials
AIA Group Ltd	1.48	11.67	-	Financial Services
BP PLC	1.47	13.14	-	Energy
€ Ryanair Holdings PLC ADR	1.39	14.53	30.03	Industrials
€ Roche Holding AG	1.31	15.84	-	Healthcare
🕀 Taiwan Semiconductor Manufacturing Co Ltd	1.30	17.14	_	Technology

### Total Holdings 229

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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Morningstar Category

Morningstar Index Foreign Large Value MSCI EAFE NR USD

# Vanguard LifeStrategy Cnsrv Gr Inv VSCGX

### 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.

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

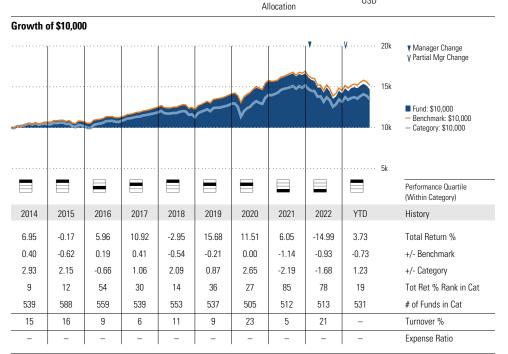
Net Expense: The fund's expense ratio of 0.12 is 86.96% lower than the Moderately Conservative Allocation category average.

### 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	08-31-2023
ESG Commitment	1-Low	07-19-2023



Morningstar Category Moderately Conservative



**Portfolio Metrics** 

Price/Earnings Ratio

Price/Book Ratio

Avg Eff Duration

#### 6/539 12/413 Rank Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

3

Percentile

Fund vs.

Peer Group

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Fund vs.

Category

1



Bmark

18.48

2.73

6.12

Cat

18.93

3.00

5.29

Fund

17.13

2.36

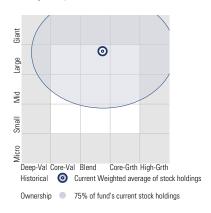
6.73

Morningstar Index

Morningstar US Mod Con Tgt Alloc NR USD

# Vanguard LifeStrategy Cnsrv Gr Inv VSCGX

### Style Analysis as of 09-30-2023 Morningstar Style Box™



Large

Mid

Smal

Ltd

Duration

Mod Ext

5

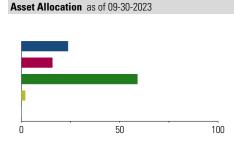
Fixed Income

Quality

High

Mid

Low



### Sector Weighting as of 09-30-2023

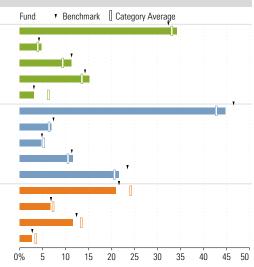
36	cion wergining as on o	9-30-2023		
		Fund	Bmark	Cat
Դ	Cyclical	34.25	32.18	33.08
æ.	Basic Materials	4.73	4.05	3.94
	Consumer Cyclical	11.27	11.13	9.36
ц.	Financial Services	15.13	14.06	13.53
ŵ	Real Estate	3.12	2.94	6.25
₩ <b>r</b>	Sensitive	44.79	46.36	42.76
đ	Communication Services	6.95	7.20	6.39
0	Energy	4.73	4.69	5.24
¢	Industrials	11.55	11.18	10.51
	Technology	21.56	23.29	20.62
	Defensive	20.97	21.45	24.16
F	Consumer Defensive	6.69	6.66	7.26
٠	Healthcare	11.57	12.21	13.39
9	Utilities	2.71	2.58	3.51

#### USD Allocation Asset Class Net % Cat% US Stocks 23.59 27.62 Non-US Stocks 15.66 7.35 58.93 Bonds 54.81 Cash 1.79 4.91 Other 0.03 5.32 Total 100.00 100.00

**Morningstar Index** 

Morningstar US Mod Con Tgt Alloc NR

Morningstar Category Moderately Conservative



# >50 25-50 10-25 0-10

Blend Growth

Style Breakdown

Equity

18 30 26

6 8

2 3 2

Value

Weight %

Total Holdings 6					
⊖ Us Dollar	-	0.01	100.00	-	-
∋ Mktliq 12/31/2049	-	0.77	99.99	-	_
$\ni$ Vanguard Total Intl Stock Index Inv	-	16.03	99.22	-	-
$\ni$ Vanguard Total Intl Bd II Idx Investor	-	18.11	83.20	-	-
i  Vanguard Total Stock Mkt ldx Inv	-	23.72	65.08	-	-
🕑 Vanguard Total Bond Market II Idx Inv	-	41.37	41.37	-	_
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
lop 6 Holdings as of 09-30-2023					

🕀 Increase 👄 Decrease 🗱 New to Portfolio

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# Vanguard LifeStrategy Growth Inv VASGX

### 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 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.

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

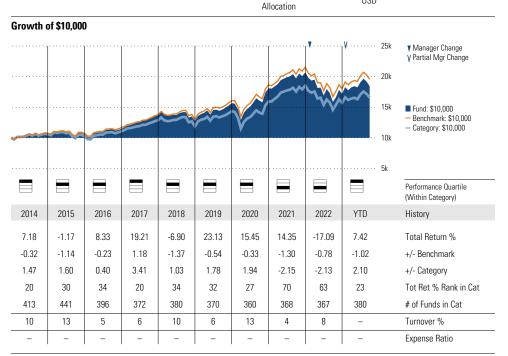
Net Expense: The fund's expense ratio of 0.14 is 85.71% lower than the Moderately Aggressive Allocation category average.

### 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.

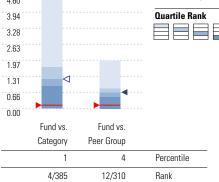
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
ESG Commitment	1-Low	07-19-2023
Carbon Risk Score	Low Risk	12-31-2022



Morningstar Category Moderately Aggressive

#### **Trailing Performance Total Return %** 20% as of 09-30-2023 Fund 15 Benchmark 10 Category 5 Λ -5 Average annual, if greater than 1 year 3 Month 1 Year 3 year 5 year 10 year Since Inception -3.40 16.25 4.63 5.36 7 00 7.68 Fund Return % Benchmark Return % -2.87 16.80 5.44 6.18 7.62 5.70 -3.09 13.30 5.42 4.63 6.21 Category Average % % Rank in Category 51 19 58 30 28 381 380 351 328 252 # of Funds in Category **3-Year Risk Metrics** Net Expense Fund Bmark 5.91 Fund Investment Alnha -0.88 5 25 Beta 1.03 Peer Group Median 4.60 **R**-Squared 99.33 \_ Quartile Rank 3.94



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

Cat -0.16 0.98 93 44 Standard Deviation 14.69 14.26 14.65 Sharpe Ratio 0.24 0.30 0 27 Tracking Error 1 26 3 38 Information Ratio -0 64 -0 24 Up Capture Ratio 100.79 98.61 105.27 Down Capture Ratio 100.10 **Portfolio Metrics** Fund Bmark Cat 39

Price/Earnings Ratio	17.24	18.62	18.69
Price/Book Ratio	2.39	2.77	2.79
Avg Eff Duration	6.73	6.12	5.34

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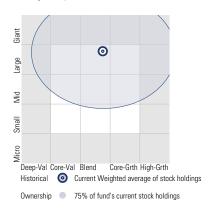


Morningstar Index

Morningstar US Mod Agg Tgt Alloc NR USD

# Vanguard LifeStrategy Growth Inv VASGX

### Style Analysis as of 09-30-2023 Morningstar Style Box™



Large

Mid

Smal

Ltd

Duration

Mod Ext

5

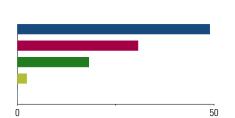
Fixed Income

Quality

High

Mid

Low



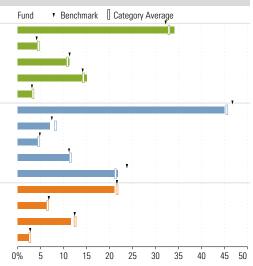
### Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		00 2020		
		Fund	Bmark	Cat
Դ	Cyclical	34.06	32.03	32.90
<b>.</b>	Basic Materials	4.65	3.97	4.48
4	Consumer Cyclical	11.25	11.13	10.82
<b>H</b>	Financial Services	15.03	13.98	14.28
ŵ	Real Estate	3.13	2.95	3.32
W#	Sensitive	44.97	46.55	45.49
d	Communication Services	7.00	7.27	8.20
0	Energy	4.70	4.66	4.55
٥	Industrials	11.49	11.02	11.46
	Technology	21.78	23.60	21.28
-	Defensive	20.99	21.43	21.61
F	Consumer Defensive	6.67	6.62	6.48
٠	Healthcare	11.63	12.24	12.49
2	Utilities	2.69	2.57	2.64

#### Allocation Asset Class Net % Cat% US Stocks 48.89 57.18 Non-US Stocks 30.64 17.72 Bonds 18.12 15.43 Cash 2.30 4.27 Other 0.04 5.39 Total 100.00 100.00

Morningstar Category Moderately Aggressive



### >50 25-50 10-25 0-10

Blend Growth

Style Breakdown

Equity

18 30 26

6 8

2 3 2

Value

Weight %

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
					5
i  Vanguard Total Stock Mkt ldx Inv	-	49.17	49.17	-	-
Vanguard Total Intl Stock Index Inv	-	31.35	80.52	-	-
m lacksim Vanguard Total Bond Market II Idx Inv	-	12.72	93.24	-	-
m lacksim Vanguard Total Intl Bd II Idx Investor	-	5.57	98.81	-	-
∋ Mktliq 12/31/2049	-	1.17	99.98	-	-
∋ Us Dollar	_	0.02	100.00	_	_

🕀 Increase 👄 Decrease 🕸 New to Portfolio



Morningstar Index

Morningstar US Mod Agg Tgt Alloc NR USD

### Vanguard LifeStrategy Income Inv VASIX

Growth of \$10,000

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.

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

Net Expense: The fund's expense ratio of 0.11 is 88.54% lower than the Conservative Allocation category average.

### Morningstar Investment Management LLC Analysis

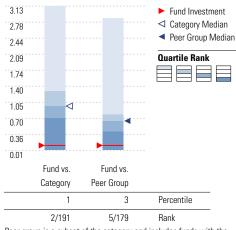
Although this fund technically fails the manager tenure screen due to changes in how the portfolio management team is listed, in fact the same team that oversees the strategy remains in place.

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
ESG Commitment	1-Low	07-19-2023

										. ~~	15k	
		~~~			~						10k	Fund: \$10,000 - Benchmark: \$10,000
ve ars											TUK	— Category: \$10,000
											5k	
ı in												Performance Quartile (Within Category)
	2014	2015	2016	2017	2018	2019	2020	2021	2022	YTD		History
	6.76	0.22	4.58	6.98	-1.05	12.05	9.13	1.92	-13.93	1.84		Total Return %
Irs.	0.92	-0.51	0.17	-0.06	-0.24	-0.38	-0.13	-1.69	-0.91	-0.85		+/- Benchmark
	3.22	2.29	-0.97	0.73	2.09	0.85	1.84	-3.12	-3.09	0.62		+/- Category
	4	8	65	49	11	35	27	90	85	41		Tot Ret % Rank in Cat
	197	209	199	174	175	173	167	179	182	179		# of Funds in Cat
	12	14	4	4	9	6	17	7	26	-		Turnover %
	-	-	-	-	-	-	-	-	-	-		Expense Ratio
:	Trailing	Performa	ance									





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

Cat Alpha -1.19 0.25 0.95 Beta 1 00 **R-Squared** 98.83 91.34 Standard Deviation 746 7 38 7 39 Sharpe Ratio -0.58 -0.42 -0.38 Tracking Error 0.81 2.19 Information Ratio -1.45 0.08 Up Capture Ratio 92.78 97.33 Down Capture Ratio 104.85 95.01

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.11	18.68	18.97
Price/Book Ratio	2.36	2.79	2.96
Avg Eff Duration	6.73	6.12	4.80

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Morningstar Category Morningstar Index

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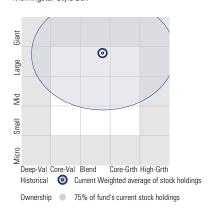
Conservative Allocation

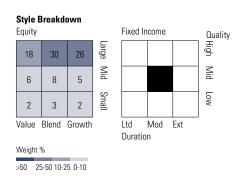
Morningstar US Con Tgt Alloc NR USD

▼ Manager Change V Partial Mgr Change

### Vanguard LifeStrategy Income Inv VASIX

**Style Analysis** as of 09-30-2023 Morningstar Style Box™





# 

Bmark

31.96

3.93

11.12

13.97

2.94

46.52

7.23

4.66

11.03

23.60

21.53

6.65

12.30

2.58

Fund

34.25

4.73

11.28

15 12

3.12

44 80

6.96

4.73

11.59

21.52

20.94

6.70

11.54

2.70

Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

Basic Materials

Consumer Cyclical

**Financial Services** 

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

€ Cyclical

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Energy

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Utilities

#### Asset Class Net % Cat% US Stocks 11.56 9.96 Non-US Stocks 7.74 2.56 Bonds 79.04 71.06 Cash 1.64 9.92 0.02 Other 6.49 Total 100.00 100.00

#### Benchmark [] Category Average Cat Fund 31.30 3.58 9.50 12.77 5.45 44.47 6.70 5.92 10.59 21.26 24.22 7.17 13.16 3.89 0% 10 15 20 25 30 35 40 45 50 5

### Top 6 Holdings as of 09-30-2023

Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
_	55.72	55.72	_	_
-	24.05	79.77	_	-
-	11.62	91.39	_	-
-	7.92	99.31	_	-
-	0.67	99.98	-	-
-	0.02	100.00	-	-
		- 55.72 - 24.05 - 11.62 - 7.92 - 0.67	- 55.72 55.72 - 24.05 79.77 - 11.62 91.39 - 7.92 99.31 - 0.67 99.98	- 55.72 55.72 - - 24.05 79.77 - - 11.62 91.39 - - 7.92 99.31 - - 0.67 99.98 -

### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



Morningstar Category Mo

Conservative Allocation Mor

Morningstar Index

Morningstar US Con Tgt Alloc NR USD

Metric

### Vanguard LifeStrategy Moderate Gr Inv VSMGX

Morningstar Category

Morningstar US Mod Tgt Alloc NR USD

Cat

-0.04

0.98

94.16

12 24

0.16

2.86

-0.13

99.51

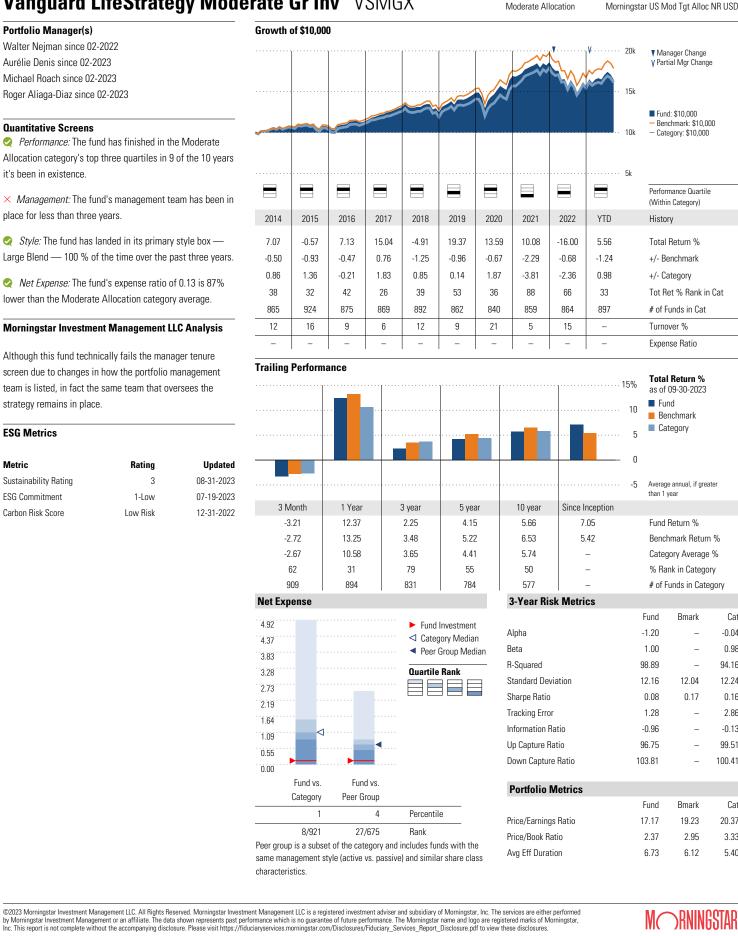
100.41

Cat

20.37

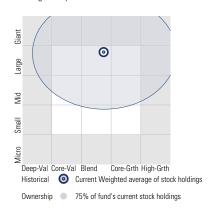
3.33

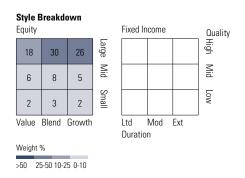
5 40



# Vanguard LifeStrategy Moderate Gr Inv VSMGX

**Style Analysis** as of 09-30-2023 Morningstar Style Box™





# 

Bmark

31.19

3.60

11.11

13 54

2.94

47.30

7.43

4.60

10.65

24.62

21.51

6.50

12.47

2.54

Fund

34.19

4.70

11.26

15 10

3.13

44 85

6.97

4.71

11.53

21.64

20.97

6.68

11.60

2.69

Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

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Energy

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Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

Other	0.04	3.49
Cash	1.97	3.72
Bonds	38.40	34.67
Non-US Stocks	23.45	10.07
US Stocks	36.14	48.05
Asset Class	Net %	Cat%

#### Benchmark [] Category Average Cat Fund 29.77 3.66 i i i 10.33 13.53 2.25 45.97 7.43 4.63 10.79 23.12 24.27 6.76 14.52 2.99 0% 10 15 20 25 30 35 40 45 50 5

### Top 6 Holdings as of 09-30-2023

Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
-	36.34	36.34	_	_
-	27.02	63.37	-	-
-	24.00	87.37	-	-
-	11.73	99.10	-	-
-	0.90	100.00	-	-
_	0.00	100.00	_	-
		- 36.34 - 27.02 - 24.00 - 11.73 - 0.90	- 36.34 36.34 - 27.02 63.37 - 24.00 87.37 - 11.73 99.10 - 0.90 100.00	- 36.34 36.34 - - 27.02 63.37 - - 24.00 87.37 - - 11.73 99.10 - - 0.90 100.00 -

### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



Morningstar CategoryMModerate AllocationM

Morningstar Index Morningstar US Mod Tgt Alloc NR USD

## Vanguard Mid-Cap Growth Index Admiral VMGMX

Portfolio Manager(s)

Donald Butler since 02-2013 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 has been in place for 10.61 years.

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

Net Expense: The fund's expense ratio of 0.07 is 93.4% lower than the Mid-Cap Growth category average.

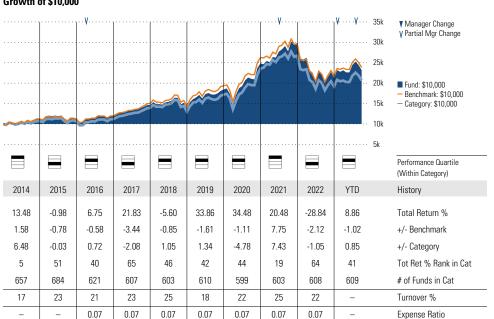
#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022





Morningstar Category

Mid-Cap Growth





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

Cat -1.41 0.98 98.39 R-Squared 90.19 Standard Deviation 21.38 21 11 22.04 Sharpe Ratio 0.16 0 13 0.07 Tracking Error 2.71 6.86 Information Ratio 0.23 -0.38 Up Capture Ratio 103.31 96.49 Down Capture Ratio 101.25 102.58

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 25.91 26 49 27.73 Price/Book Ratio 4.89 7.98 5.01 Geom Avg Mkt Cap \$B 27 25 21 22 20.35 ROE 17.37 22.49 15.69

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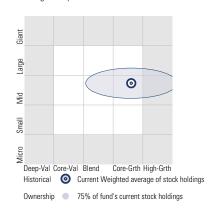


Morningstar Index

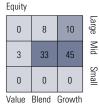
Russell Mid Cap Growth TR USD

## Vanguard Mid-Cap Growth Index Admiral VMGMX

Style Analysis as of 09-30-2023 Morningstar Style Box™







Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Amphenol Corp Class A	1.70	1.70	11.14	Technology
	1.54	3.24	6.66	Technology
🕀 TransDigm Group Inc	1.52	4.76	33.90	Industrials
➔ Arista Networks Inc	1.46	6.22	51.57	Technology
onumber  onumber	1.45	7.67	12.74	Technology
🕀 Cintas Corp	1.41	9.08	7.32	Industrials
🕀 Hess Corp	1.38	10.46	8.81	Energy
ON Semiconductor Corp	1.37	11.83	49.03	Technology
m left Old Dominion Freight Line Inc Ordinary Shares	1.36	13.20	44.60	Industrials
	1.34	14.54	11.19	Financial Services
€ IQVIA Holdings Inc	1.34	15.87	-3.97	Healthcare
➔ Welltower Inc	1.33	17.20	27.77	Real Estate
€ DexCom Inc	1.27	18.47	-17.61	Healthcare
🕀 Copart Inc	1.24	19.71	41.53	Industrials
🕀 Realty Income Corp	1.22	20.93	-17.66	Real Estate

#### Total Holdings 165

 $\oplus$  Increase  $\oplus$  Decrease R New to Portfolio

Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

Basic Materials

Consumer Cyclical

**Financial Services** 

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

€ Cyclical

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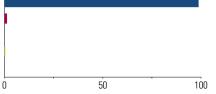
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Energy

¢

F

Utilities



Fund

25.34

3.22

9.47

5.99

6.66

58.13

5.07

6.68

16.59

29.79

16.51

1.71

14.80

0.00

Bmark

23.46

0.90

12.36

8 56

1.64

52.20

3.54

4.19

18.06

26.41

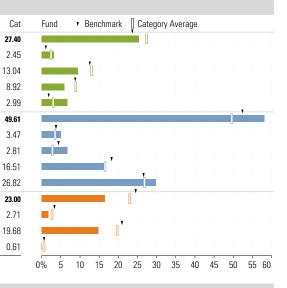
24.35

3.14

0.44

20.77

#### Asset Class Net % Cat% US Stocks 98.64 93.49 Non-US Stocks 1.14 4.04 Bonds 0.00 0.11 Cash 0.22 1.74 0.00 Other 0.64 Total 100.00 100.00





Morningstar Category

Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

## Vanguard Mid-Cap Value Index Admiral VMVAX

Portfolio Manager(s)

Donald Butler since 08-2006 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 has been in place for 17.13 years.

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

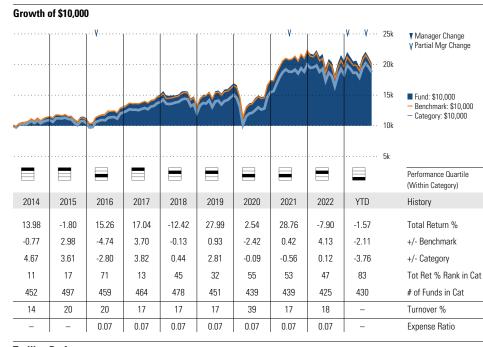
Net Expense: The fund's expense ratio of 0.07 is
 92.78% lower than the Mid-Cap Value category average.

#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	08-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Morningstar Category

Mid-Cap Value



3.14			Fund Investment
2.79			Category Median
2.44			Peer Group Median
2.09			Quartile Rank
1.74			
1.40		••••••	
1.05		••••••	
0.70	• • • • •	••••••	
0.35	• • • • •	••••••	
0.00			
	Fund vs.	Fund vs.	
(	Category	Peer Group	
	3	6	Percentile
	10/437	2/39	Rank
Poor group	ie a cubeot	of the category a	nd includes funds with the

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

Cat 2.65 Beta 0.98 0.96 98.69 **R-Squared** 94.38 Standard Deviation 19 22 19.86 19.94 Sharpe Ratio 0.54 0 52 0.63 Tracking Error 2 32 4.81 Information Ratio 0.14 0.55 Up Capture Ratio 98.13 100.27 Down Capture Ratio 96.15 90.56

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 16 14 15.63 14 80 Price/Book Ratio 2.08 2.12 1.91 Geom Avg Mkt Cap \$B 22 72 17 17 13.33 ROE 17.07 13.69 14.35

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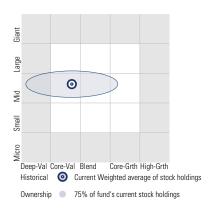


Morningstar Index

Russell Mid Cap Value TR USD

## Vanguard Mid-Cap Value Index Admiral VMVAX

**Style Analysis** as of 09-30-2023 Morningstar Style Box™





Value Blend Growth

Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ Arthur J. Gallagher & Co	1.52	1.52	21.77	Financial Services
e Carrier Global Corp Ordinary Shares	1.48	3.01	34.72	Industrials
∋ Nucor Corp	1.34	4.34	19.78	Basic Materials
⇒ PACCAR Inc	1.33	5.67	30.02	Industrials
$\ominus$ Digital Realty Trust Inc	1.19	6.85	24.34	Real Estate
⊖ PG&E Corp	1.18	8.04	-0.80	Utilities
$\ni$ Baker Hughes Co Class A	1.13	9.17	21.57	Energy
$\ni$ D.R. Horton Inc	1.13	10.30	21.40	Consumer Cyclical
$\ni$ Rockwell Automation Inc	1.11	11.40	12.36	Industrials
$ igoperatorname{3}$ Ameriprise Financial Inc	1.09	12.49	7.15	Financial Services
⊖ Corteva Inc	1.05	13.54	-12.18	Basic Materials
⊖ Centene Corp	1.04	14.59	-16.01	Healthcare
ightarrow Global Payments Inc	1.02	15.61	16.94	Industrials
ightarrow Ferguson PLC	1.02	16.63	-	Industrials
⇒ United Rentals Inc	1.01	17.65	26.33	Industrials

#### Total Holdings 195

 $\oplus$  Increase  $\ominus$  Decrease R New to Portfolio

50

Fund

44.10

6.34

9.35

17.89

10.52

28.55

2.61

3.18

15.12

7.64

27.35

6.15

8.57

12.63

Bmark

41.67

6.29

10.23

14 59

10.56

39.91

3.59

5.64

18.32

12.36

18.41

3.76

7.48

7.17

100

Cat

40.33

5.17

11.91

17 12

6.13

36.95

3.15

5.73

17.63

10.44

22.70

6.52

9.81

6.37

Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

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Energy

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Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

Asset Class	Net %	Cat%
US Stocks	97.94	90.26
Non-US Stocks	1.61	7.17
Bonds	0.00	0.01
Cash	0.45	2.08
Other	0.00	0.49
Total	100.00	100.00

Morningstar Index

Russell Mid Cap Value TR USD

Morningstar Category

Mid-Cap Value

# Fund • Benchmark [] Category Average

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## Vanguard Real Estate Index Admiral VGSLX

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

Management: The fund's management has been in place for 27.4 years.

Style: The fund has landed in its primary style box — Mid-Cap Blend - 91.43 % of the time over the past three years.

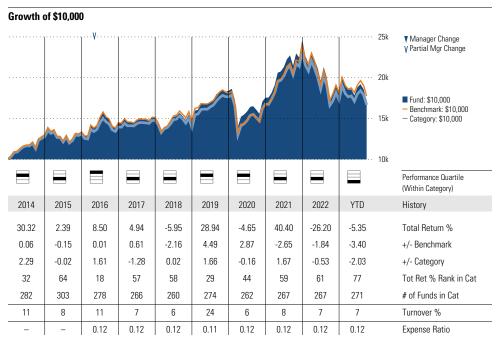
Net Expense: The fund's expense ratio of 0.12 is 88.79% lower than the Real Estate category average.

#### **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**

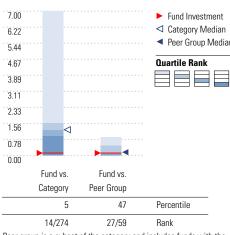
Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Morningstar Category

Real Estate





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

Cat -2.17 0.96 94.42 20.13 0.16 4.33 Information Ratio -1.53 -0.70 Up Capture Ratio 95.82 92.28 Down Capture Ratio 106.86 99.74 **Portfolio Metrics** 

	Fund	Bmark	Cat
Price/Earnings Ratio	29.65	38.46	31.64
Price/Book Ratio	2.23	2.42	2.27
Geom Avg Mkt Cap \$B	21.33	9.35	31.22
ROE	12.99	9.56	14.92

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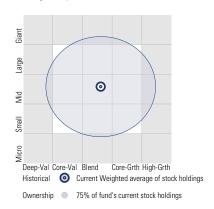


Morningstar Index

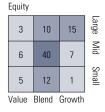
S&P United States REIT TR USD

## Vanguard Real Estate Index Admiral VGSLX

Style Analysis as of 09-30-2023 Morningstar Style Box™







## We >50

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Weight %	🕂 Healthcare	0.00 0.00	0.01		
>50 25-50 10-25 0-10	<b>U</b> tilities	0.00 0.00	0.06		
			0% 5 1	0 15 20 25 30 35 4	0 45 50 55 60 65 70 75 80 85 90 9500
Top 15 Holdings as of 09-30-2023					
Name		% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Real Estate II Index		12.67	12.67	_	_
igodot Prologis Inc		7.75	20.42	1.85	Real Estate
igodot American Tower Corp		5.71	26.13	-20.90	Real Estate
igodot Equinix Inc		4.94	31.06	12.44	Real Estate
igodot Public Storage		2.95	34.02	-2.74	Real Estate
⊖ Crown Castle Inc		2.94	36.96	-28.69	Real Estate
⊖ Welltower Inc		2.68	39.64	27.77	Real Estate
⊕ Realty Income Corp		2.55	42.19	-17.66	Real Estate
igodot Digital Realty Trust Inc		2.46	44.65	24.34	Real Estate
$\ominus$ Simon Property Group Inc		2.43	47.08	-3.32	Real Estate
		2.26	49.35	-0.50	Real Estate
igodot Extra Space Storage Inc		1.84	51.18	-14.09	Real Estate
igodot VICI Properties Inc Ordinary Shares		1.82	53.01	-6.50	Real Estate
igodot CBRE Group Inc Class A		1.79	54.79	-4.03	Real Estate
AvalonBay Communities Inc		1.76	56.56	9.39	Real Estate

#### Total Holdings 165

🕀 Increase 👄 Decrease 🕸 New to Portfolio

Morningstar Category **Morningstar Index** Real Estate S&P United States REIT TR USD Asset Allocation as of 09-30-2023

100

US Stocks	98.96	84.46
Non-US Stocks	0.02	1.18
Bonds	0.00	3.40
Cash	1.02	0.51
Other	0.00	10.42
Total	100.00	100.00

#### Sector Weighting as of 09-30-2023

0

50

		Fund	Bmark	Cat	Fund	۲	Be	nchn	nark		Cate	gor	y Av	/era	age				
Դ	Cyclical	99.14	99.13	99.22															
æ.	Basic Materials	0.00	0.00	0.05	Í.														
A	Consumer Cyclical	0.00	0.13	1.55	1														
цů	Financial Services	0.00	0.00	0.29															
ŵ	Real Estate	99.14	99.00	97.33												-			
w	Sensitive	0.86	0.87	0.71	0														
	Communication Services	0.86	0.00	0.20															
0	Energy	0.00	0.00	0.04															
Ф	Industrials	0.00	0.87	0.26	ľ														
	Technology	0.00	0.00	0.21															
-	Defensive	0.00	0.00	0.07															
E	Consumer Defensive	0.00	0.00	0.00															
٠	Healthcare	0.00	0.00	0.01															
2	Utilities	0.00	0.00	0.06															
					0% F 1	0 15	20	25.2	0 25	10	15	50 1	55.0		65 -	707	5 0		0 0

<sup>)0</sup> 



## Vanguard Small Cap Growth Index Admiral VSGAX

#### Portfolio Manager(s)

Gerard O'Reilly since 12-2004 William Coleman since 04-2016

#### Quantitative Screens

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

Management: The fund's management has been in place for 18.76 years.

Style: The fund has landed in its primary style box — Small Growth - 81.25 % of the time over the past three years.

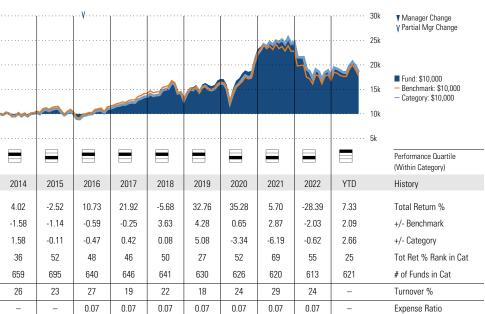
Net Expense: The fund's expense ratio of 0.07 is 93.97% lower than the Small Growth category average.

#### 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.

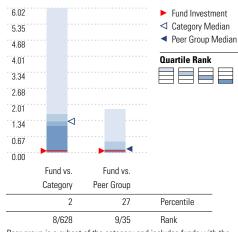
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	08-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022









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

Fund Bmark Cat Alpha -0.66 0.22 Beta 0.93 0.92 96.29 **R-Squared** 89.86 Standard Deviation 21 75 22.93 22 32 Sharpe Ratio 0.03 0.07 0.07 Tracking Error 4.48 7.45 Information Ratio -0.15 -0.01 Up Capture Ratio 96.49 94.65 Down Capture Ratio 98.74 94.64 Deutfelie Metuiee

Formotio metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	24.33	20.11	24.88
Price/Book Ratio	3.65	3.83	3.93
Geom Avg Mkt Cap \$B	5.91	2.75	5.46
ROE	9.62	9.52	14.27

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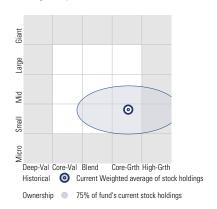


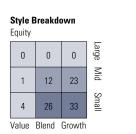
Morningstar Category Morningstar Index Small Growth

Russell 2000 Growth TR USD

## Vanguard Small Cap Growth Index Admiral VSGAX

Style Analysis as of 09-30-2023 Morningstar Style Box™







>50 25-50 10-25 0-10

#### Top 15 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\ominus$ Slcmt1142	2.42	2.42	_	-
€ Fair Isaac Corp	1.02	3.44	45.10	Technology
🕀 Targa Resources Corp	0.93	4.37	18.46	Energy
➔ PTC Inc	0.83	5.20	18.03	Technology
$\oplus$ Entegris Inc	0.72	5.92	43.63	Technology
€ Exact Sciences Corp	0.72	6.64	37.79	Healthcare
	0.71	7.35	19.92	Industrials
➔ Deckers Outdoor Corp	0.66	8.02	28.79	Consumer Cyclical
€ Vertiv Holdings Co Class A	0.64	8.66	172.33	Industrials
$\oplus$ Liberty Formula One Group Registered Shs Series -C- Formula One	0.64	9.30	6.23	Communication Svc
€ Lattice Semiconductor Corp	0.64	9.94	32.44	Technology
€ Graco Inc	0.60	10.54	9.40	Industrials
🕀 Nordson Corp	0.60	11.14	-5.29	Industrials
€ Manhattan Associates Inc	0.60	11.73	62.82	Technology
🕀 Bio-Techne Corp	0.59	12.32	-17.58	Healthcare

#### Total Holdings 652

 $\oplus$  Increase  $\oplus$  Decrease R New to Portfolio

0 50 100

Fund

24.12

2.30

12.40

3.72

5.70

53.05

2.74

5.43

17.34

27 54

22.84

3.94

18.20

0.70

Bmark

21.85

4.54

10.51

5 1 9

1.61

49.92

1.93

5.13

18.17

24 69

28.21

4.71

21.89

1.61

Sector Weighting as of 09-30-2023

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Energy

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F

Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

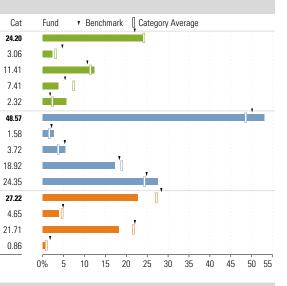
Technology

Defensive

Healthcare

**Consumer Defensive** 

#### Asset Class Net % Cat% US Stocks 96.94 91.66 Non-US Stocks 0.62 4.65 Bonds 0.00 0.02 Cash 2.43 2.44 Other 0.00 1.21 Total 100.00 100.00





Morningstar Category

Morningstar Index Russell 2000 Growth TR USD

Asset Allocation as of 09-30-2023

## Vanguard Small Cap Value Index Admiral VSIAX

Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 7.43 years.

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

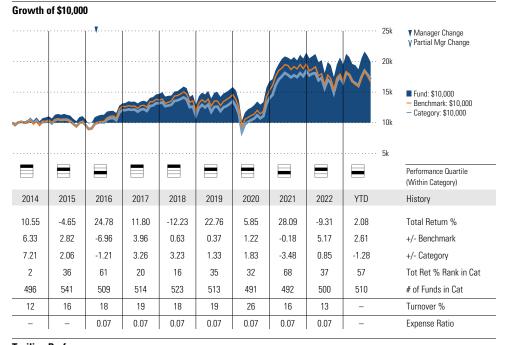
Net Expense: The fund's expense ratio of 0.07 is 93.75% lower than the Small Value category average.

#### 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.

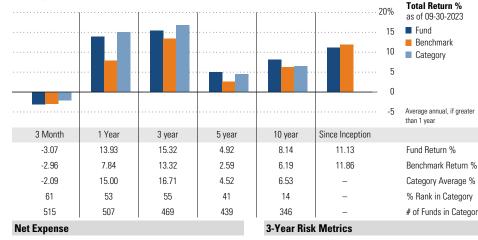
#### **ESG Metrics**

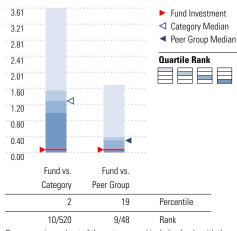
Metric	Rating	Updated
Sustainability Rating	4	08-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Small Value







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

346   -	# of Funds in Category			
3-Year Risk Metrics				
	Fund	Bmark	Cat	
Alpha	2.66	-	3.37	
Beta	0.92	-	0.94	
R-Squared	96.77	_	93.31	
Standard Deviation	21.67	23.16	22.57	
Sharpe Ratio	0.67	0.56	0.69	
Tracking Error	4.31	-	5.97	
Information Ratio	0.46	-	0.51	
Up Capture Ratio	96.56	-	98.85	
Down Capture Ratio	88.72	-	88.84	

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	11.42	9.46	11.18
Price/Book Ratio	1.67	1.23	1.61
Geom Avg Mkt Cap \$B	5.23	1.89	4.32
ROE	15.32	7.74	15.96

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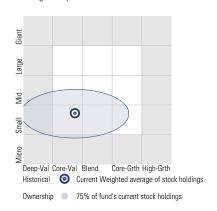


Morningstar Category Morningstar Index

Russell 2000 Value TR USD

## Vanguard Small Cap Value Index Admiral VSIAX

Style Analysis as of 09-30-2023 Morningstar Style Box™







Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Slcmt1142	0.78	0.78	_	_
igodolog Builders FirstSource Inc	0.68	1.46	91.88	Industrials
igodolog Bunge Ltd	0.63	2.09	10.42	Consumer Defensive
⇒ IDEX Corp	0.63	2.71	-8.07	Industrials
igap Reliance Steel & Aluminum Co	0.61	3.33	31.02	Basic Materials
∋ Atmos Energy Corp	0.57	3.89	-3.50	Utilities
igodolog Booz Allen Hamilton Holding Corp Class A	0.55	4.44	5.89	Industrials
∋ Jabil Inc	0.53	4.97	86.41	Technology
igodolog First Citizens BancShares Inc Class A	0.50	5.47	82.28	Financial Services
∋ APA Corp	0.49	5.97	-10.35	Energy
igap Carlisle Companies Inc	0.49	6.46	11.02	Industrials
$\ni$ Owens-Corning Inc	0.47	6.93	61.75	Industrials
ightarrow RPM International Inc	0.47	7.40	-1.42	Basic Materials
∋ AECOM	0.45	7.85	-1.59	Industrials
igodolog Gaming and Leisure Properties Inc	0.43	8.28	-7.91	Real Estate

#### Total Holdings 855

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

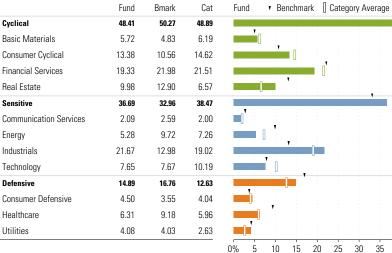
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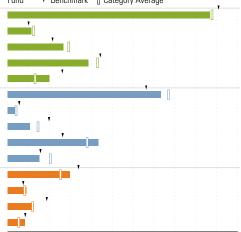
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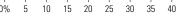
50 55

Asset Class Net % Cat% US Stocks 98.26 93.12 Non-US Stocks 0.79 3.32 Bonds 0.00 0.04 Cash 0.95 3.43 0.00 Other 0.09 Total 100.00 100.00



100





Russell 2000 Value TR USD

Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

Basic Materials

Consumer Cyclical

**Financial Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

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Energy

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Utilities 50

Portfolio Manager(s)

Quantitative Screens

been in existence.

place for 10.61 years.

**ESG Metrics** 

Sustainability Rating

ESG Commitment

Metric

Aurélie Denis since 02-2023

## Vanguard Target Retirement 2020 Fund VTWNX

Morningstar Category Target-Date 2020



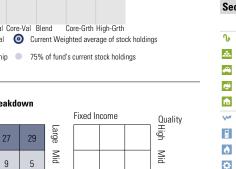
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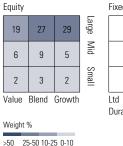
## Vanguard Target Retirement 2020 Fund VTWNX

Style Analysis as of 09-30-2023 Morningstar Style Box™

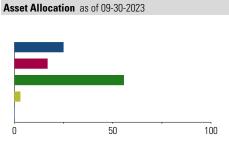




#### Style Breakdown



## Low Mod Ext Duration



#### Asset Class Net % Cat% US Stocks 24.84 26.35 Non-US Stocks 16.72 14.08 Bonds 55.55 49.41 Cash 2.86 2.01 Other 0.03 8.15 100.00 Total 100.00

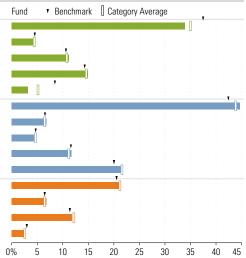
**Morningstar Category** 

Target-Date 2020

Morningstar Index Morningstar Lifetime Mod 2020 TR USD

#### Sector Weighting as of 09-30-2023 Fund

		Fund	Bmark	Cat	Fund • Be
Դ	Cyclical	33.91	37.33	34.97	
ŵ.	Basic Materials	4.66	4.38	4.41	
A	Consumer Cyclical	11.20	10.48	10.80	
¢,	Financial Services	14.91	14.15	14.61	
ŵ	Real Estate	3.14	8.32	5.15	
w	Sensitive	44.71	42.27	43.84	
đ	Communication Services	6.78	6.38	6.45	)
0	Energy	4.58	4.56	4.63	
٥	Industrials	11.66	11.45	11.18	
	Technology	21.69	19.88	21.58	
<b>→</b>	Defensive	21.38	20.39	21.18	
F	Consumer Defensive	6.81	6.32	6.45	]
٠	Healthcare	11.82	11.25	12.17	
2	Utilities	2.75	2.82	2.56	
					0// 5 4



#### Top 7 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Bond Market II Idx Inv	_	31.67	31.67	_	_
$\ni$ Vanguard Total Stock Mkt Idx Instl PIs	-	25.00	56.68	_	-
$\ni$ Vanguard Total Intl Stock Index Inv	-	17.18	73.86	_	-
$\oplus$ Vanguard Total Intl Bd II Idx Insl	-	14.20	88.06	_	-
$\oplus$ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	11.09	99.15	-	_
⊖ Mktliq 12/31/2049	-	0.87	100.02	-	-
$\ominus$ Us Dollar	-	0.02	100.03	_	-

#### Total Holdings 7

 $\oplus$  Increase  $\oplus$  Decrease New to Portfolio



Portfolio Manager(s)

Quantitative Screens

been in existence.

place for 10.61 years.

**ESG Metrics** 

Sustainability Rating

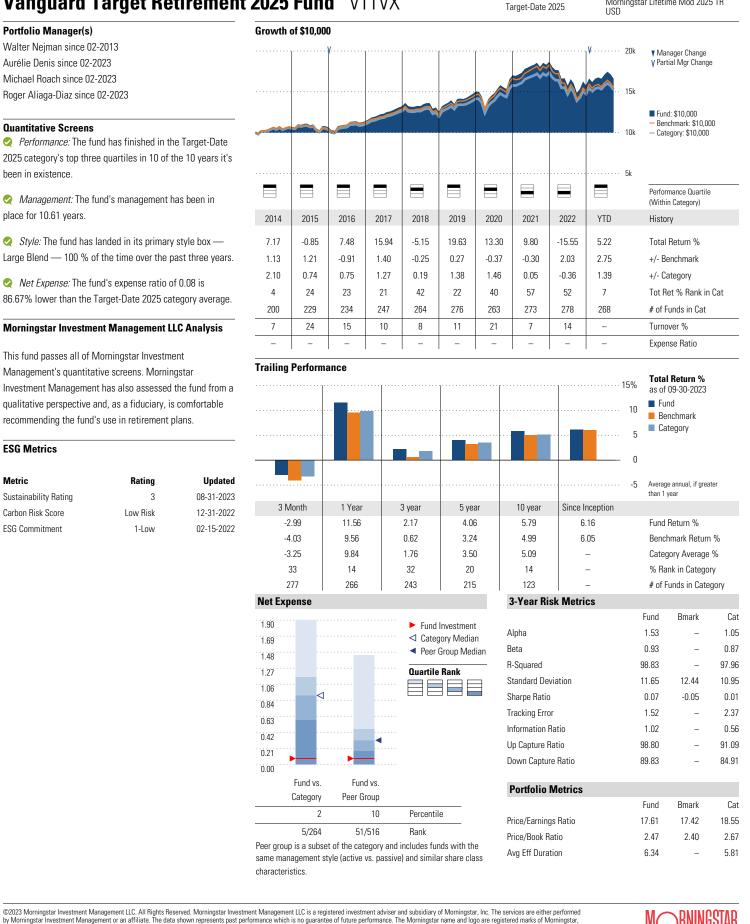
Carbon Risk Score

ESG Commitment

Metric

## Vanguard Target Retirement 2025 Fund VTTVX

Morningstar Category

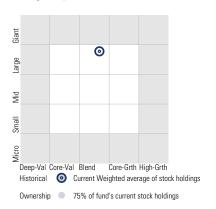


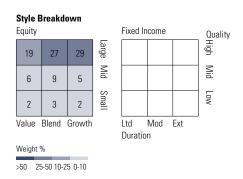
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## Vanguard Target Retirement 2025 Fund VTTVX

**Style Analysis** as of 09-30-2023 Morningstar Style Box™





# 

Other	0.04	
	0.04	10.74
Cash	2.78	2.65
Bonds	43.07	42.50
Non-US Stocks	21.66	14.63
US Stocks	32.45	29.48
Asset Class	Net %	Cat%

Morningstar Category

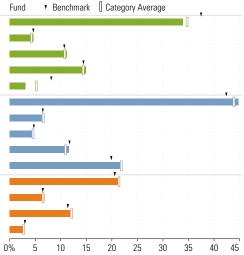
Target-Date 2025

Morningstar Index Morningstar Lifetime Mod 2025 TR USD

#### Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat	Fu
Դ	Cyclical	33.87	37.32	34.72	
æ.	Basic Materials	4.65	4.48	4.27	
	Consumer Cyclical	11.20	10.55	10.80	
ц.	Financial Services	14.89	14.30	14.40	
ŵ	Real Estate	3.13	7.99	5.25	
w	Sensitive	44.74	42.26	43.89	
	Communication Services	6.79	6.35	6.55	
0	Energy	4.58	4.59	4.57	
¢	Industrials	11.64	11.58	10.93	
	Technology	21.73	19.74	21.84	
-	Defensive	21.38	20.43	21.39	
F	Consumer Defensive	6.81	6.35	6.51	
٠	Healthcare	11.83	11.24	12.14	
<b>9</b>	Utilities	2.74	2.84	2.74	
					~~~



#### Top 7 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx InstI PIs	_	32.66	32.66	_	_
$\oplus$ Vanguard Total Bond Market II Idx Inv	-	27.46	60.13	_	-
$igodoldsymbol{ imes}$ Vanguard Total Intl Stock Index Inv	-	22.26	82.39	_	-
$\oplus$ Vanguard Total Intl Bd II Idx Insl	-	11.98	94.37	_	-
$\oplus$ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	4.46	98.83	-	_
⊖ Mktliq 12/31/2049	-	1.17	99.99	-	-
🕀 Us Dollar	-	0.01	100.00	_	-

#### Total Holdings 7

 $\oplus$  Increase  $\oplus$  Decrease R New to Portfolio



## Vanguard Target Retirement 2030 Fund VTHRX

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 10.61 years.

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

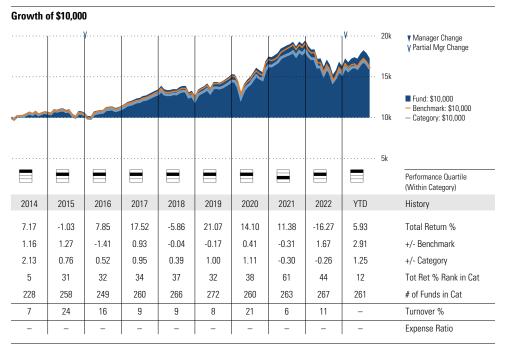
Net Expense: The fund's expense ratio of 0.08 is 87.3% lower than the Target-Date 2030 category average.

#### 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	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

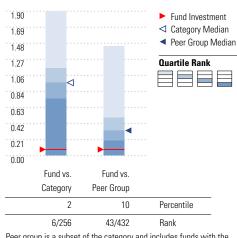


Morningstar Category

Target-Date 2030







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

# of Funds in Category **3-Year Risk Metrics** Fund Bmark Cat Alpha 1.39 1.18 0.94 0.91 Beta \_ 99.00 **R-Squared** 98.28 13.50 Standard Deviation 12 77 12 37 Sharpe Ratio 0.13 0.03 0.11 Tracking Error 1.51 2.14 Information Ratio 0.91 0.62 Up Capture Ratio 98.80 95.10 Down Capture Ratio 91.39 88.80

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.68	17.24	18.53
Price/Book Ratio	2.49	2.37	2.75
Avg Eff Duration	6.73	-	5.85

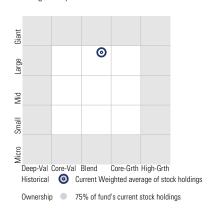
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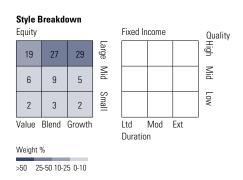


Morningstar Index Morningstar Lifetime Mod 2030 TR USD

## Vanguard Target Retirement 2030 Fund VTHRX

Style Analysis as of 09-30-2023 Morningstar Style Box™





# 

Other	0.03	11.85
Cash	2.48	1.01
Bonds	34.52	33.26
Non-US Stocks	24.70	18.47
US Stocks	38.27	35.41
Asset Class	Net %	Cat%

Morningstar Category

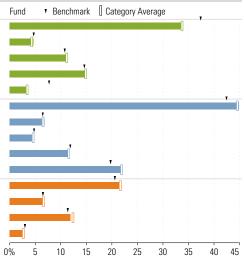
Target-Date 2030

Morningstar Index Morningstar Lifetime Mod 2030 TR USD

#### Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat	Fund 🔻	B
Դ	Cyclical	33.77	37.24	33.74		
<i>.</i> #.	Basic Materials	4.60	4.56	4.31		
4	Consumer Cyclical	11.20	10.64	11.15		
<b>L</b>	Financial Services	14.83	14.47	14.87		
ŵ	Real Estate	3.14	7.57	3.41		
w,	Sensitive	44.84	42.30	44.59		
	Communication Services	6.82	6.34	6.53	]	
0	Energy	4.57	4.63	4.59		
¢	Industrials	11.60	11.72	11.57		
	Technology	21.85	19.61	21.90		
-	Defensive	21.40	20.45	21.68		
F	Consumer Defensive	6.79	6.37	6.62		
٠	Healthcare	11.87	11.23	12.39	-	
2	Utilities	2.74	2.85	2.67		
						_



#### Top 6 Holdings as of 09-30-2023

Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
_	38.53	38.53	_	_
-	25.37	63.90	-	-
-	24.41	88.31	-	-
-	10.56	98.87	-	-
-	1.11	99.98	-	_
-	0.02	100.00	-	_
	- - - - -	- 38.53 - 25.37 - 24.41 - 10.56 - 1.11	- 38.53 38.53 - 25.37 63.90 - 24.41 88.31 - 10.56 98.87 - 1.11 99.98	- 38.53 38.53 - - 25.37 63.90 - - 24.41 88.31 - - 10.56 98.87 - - 1.11 99.98 -

#### Total Holdings 6



## Vanguard Target Retirement 2035 Fund VTTHX

Portfolio Manager(s)

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

#### Quantitative Screens

Performance: The fund has finished in the Target-Date 2035 category's top three quartiles in 9 of the 10 years it's been in existence.

Management: The fund's management has been in place for 10.61 years.

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

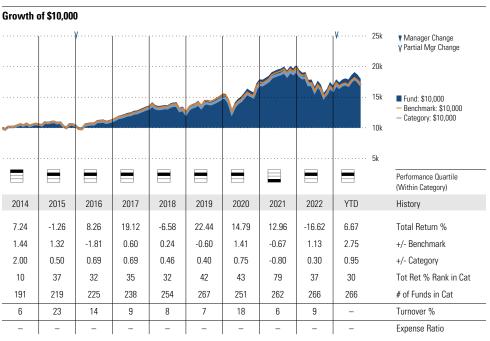
Net Expense: The fund's expense ratio of 0.08 is 87.1% lower than the Target-Date 2035 category average.

#### **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	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Morningstar Category

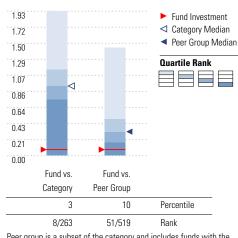
Target-Date 2035

Morningstar Index Morningstar Lifetime Mod 2035 TR

USD

#### 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.	

Category Average % % Rank in Category # of Funds in Category Fund Bmark Cat Alpha 0.91 0.97 0.93 0.94 Beta \_ 99.07 **R-Squared** 98.48 Standard Deviation 13 72 14 62 13.83 Sharpe Ratio 0.20 0.14 0.20 Tracking Error 1.63 2.06 Information Ratio 0.48 0.51 Up Capture Ratio 96.61 97.43 Down Capture Ratio 92.20 92.79

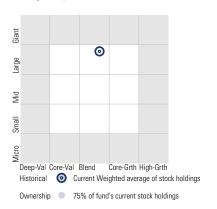
Portfolio Metrics				
	Fund	Bmark	Cat	
Price/Earnings Ratio	17.70	17.07	18.50	
Price/Book Ratio	2.50	2.34	2.71	
Avg Eff Duration	6.73	-	6.11	

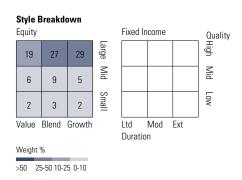
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## Vanguard Target Retirement 2035 Fund VTTHX

Style Analysis as of 09-30-2023 Morningstar Style Box™





# 

Other		12.02
0.1	0.03	12 02
Cash	2.60	1.63
Bonds	27.17	22.52
Non-US Stocks	27.35	21.09
US Stocks	42.84	42.75
Asset Class	Net %	Cat%

Morningstar Category

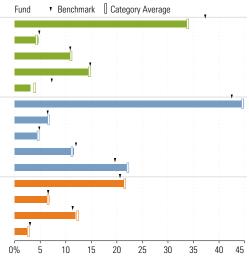
Target-Date 2035

Morningstar Index Morningstar Lifetime Mod 2035 TR USD

#### Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat
Դ	Cyclical	33.74	37.16	33.85
æ.	Basic Materials	4.60	4.67	4.29
<b>A</b>	Consumer Cyclical	11.19	10.73	11.02
цů	Financial Services	14.82	14.64	14.63
ŵ	Real Estate	3.13	7.12	3.91
w	Sensitive	44.87	42.35	44.61
	Communication Services	6.82	6.32	6.65
0	Energy	4.57	4.67	4.60
٥	Industrials	11.59	11.86	11.21
	Technology	21.89	19.50	22.15
<b>→</b>	Defensive	21.38	20.48	21.55
F	Consumer Defensive	6.77	6.41	6.53
٠	Healthcare	11.87	11.21	12.34
9	Utilities	2.74	2.86	2.68



#### Top 6 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\ominus$ Vanguard Total Stock Mkt Idx Instl PIs	-	43.13	43.13	_	_
$\ni$ Vanguard Total Intl Stock Index Inv	-	28.10	71.22	_	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	19.21	90.43	_	-
$\oplus$ Vanguard Total Intl Bd II ldx Insl	-	8.31	98.74	_	-
⊕ Mktliq 12/31/2049	-	1.24	99.98	-	-
🕀 Us Dollar	-	0.02	100.00	-	_

#### Total Holdings 6



## Vanguard Target Retirement 2040 Fund VFORX

.....

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 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 10.61 years.

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

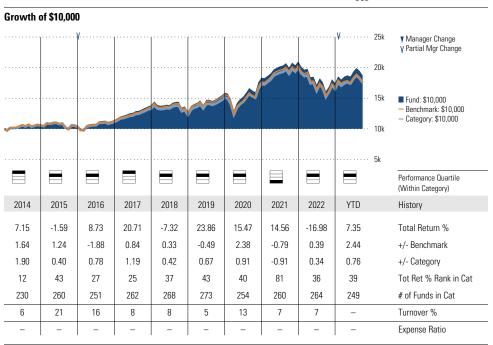
Net Expense: The fund's expense ratio of 0.08 is 87.88% lower than the Target-Date 2040 category average.

#### 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	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Morningstar Category

Target-Date 2040

#### **Trailing Performance**



Alpha

Beta

**R-Squared** 

Sharpe Ratio

Tracking Error

Information Ratio

Up Capture Ratio

Down Capture Ratio

Standard Deviation

1.95 Fund Investment Category Median 1.73 Peer Group Median 1.52 1.30 Quartile Rank 1.08 0.87 0.65 0.43 0.22 Fund vs Fund vs Peer Group Category 3 10 Percentile 6/244 42/429 Rank

	Portfolio Metrics		
		Fund	Bmark
	Price/Earnings Ratio	17.75	16.90
	Price/Book Ratio	2.51	2.31
9 55	Avg Eff Duration	6.72	-

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

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Fund

0.44

0.94

99.00

14 68

0.25

1.79

0.12

95.53

93.64

Bmark

15.62

0.23

Cat

0.45

0.95

98.40

14 97

0.25

2.19

0.20

97.38

95.57

Cat

18.51

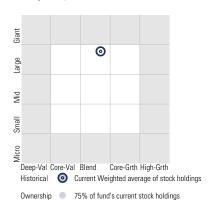
2.74

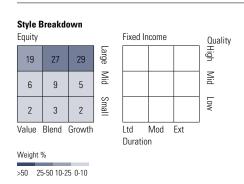
611

Morningstar Index Morningstar Lifetime Mod 2040 TR USD

## Vanguard Target Retirement 2040 Fund VFORX

**Style Analysis** as of 09-30-2023 Morningstar Style Box™





# 

Other	0.01	
	0.04	12 62
Cash	2.43	1.13
Bonds	20.50	12.60
Non-US Stocks	29.64	24.30
US Stocks	47.39	49.37
Asset Class	Net %	Cat%

Morningstar Category

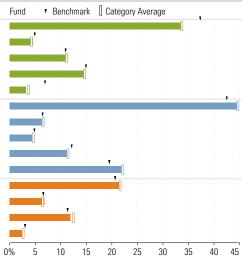
Target-Date 2040

Morningstar Index Morningstar Lifetime Mod 2040 TR USD

#### Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat	Fund	۷B
Դ	Cyclical	33.67	37.16	33.71		
æ.	Basic Materials	4.57	4.77	4.27		
A	Consumer Cyclical	11.18	10.81	11.12		
цф	Financial Services	14.78	14.80	14.67		,
ŵ	Real Estate	3.14	6.78	3.65		,
w,	Sensitive	44.92	42.35	44.68		
	Communication Services	6.82	6.30	6.55	-	Ú
•	Energy	4.58	4.70	4.62		
¢	Industrials	11.56	11.99	11.42		
	Technology	21.96	19.36	22.09		
-	Defensive	21.40	20.50	21.62		
F	Consumer Defensive	6.77	6.44	6.47		Ú.
٠	Healthcare	11.90	11.19	12.51	_	
9	Utilities	2.73	2.87	2.64		



#### Top 6 Holdings as of 09-30-2023

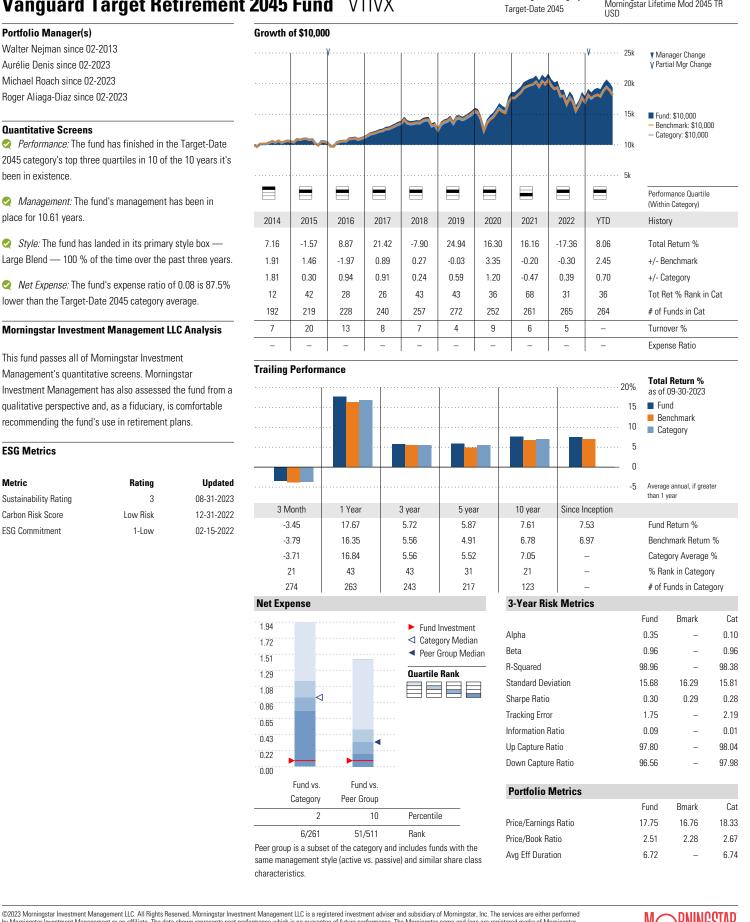
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\ominus$ Vanguard Total Stock Mkt Idx Instl PIs	_	47.71	47.71	_	_
$\ominus$ Vanguard Total Intl Stock Index Inv	-	30.44	78.16	_	-
$\oplus$ Vanguard Total Bond Market II Idx Inv	-	14.69	92.85	_	-
$\oplus$ Vanguard Total Intl Bd II Idx Insl	-	6.07	98.92	-	-
⊖ Mktliq 12/31/2049	-	1.07	99.99	-	-
🕀 Us Dollar	_	0.01	100.00	-	_

#### Total Holdings 6



## Vanguard Target Retirement 2045 Fund VTIVX

Morningstar Category



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

#### Quantitative Screens

Portfolio Manager(s)

*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 10.61 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 87.5% 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**

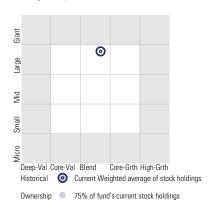
Metric	Rating	Update
Sustainability Rating	3	08-31-20
Carbon Risk Score	Low Risk	12-31-20
ESG Commitment	1-Low	02-15-20

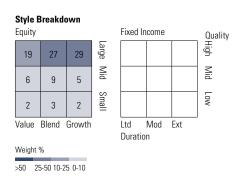
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## Vanguard Target Retirement 2045 Fund VTIVX

Style Analysis as of 09-30-2023 Morningstar Style Box™





## 

32.25 13.47 2.61 0.05	7.95 1.22 10.87
13.47	7.95
32.20	Z7.Z1
32.25	27.21
51.62	52.76
Net %	Cat%
	51.62

Morningstar Category

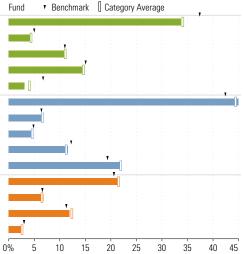
Target-Date 2045

Morningstar Index Morningstar Lifetime Mod 2045 TR USD

#### Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat	Fund • Benchmark
Դ	Cyclical	33.67	37.25	34.09	
ŵ.	Basic Materials	4.57	4.86	4.37	
A	Consumer Cyclical	11.19	10.86	11.06	
¢,	Financial Services	14.78	14.93	14.62	
æ	Real Estate	3.13	6.60	4.04	
~	Sensitive	44.93	42.27	44.41	
	Communication Services	6.83	6.27	6.61	
	Energy	4.57	4.71	4.60	
\$	Industrials	11.56	12.09	11.27	(
	Technology	21.97	19.20	21.93	
-	Defensive	21.41	20.46	21.49	
F	Consumer Defensive	6.77	6.45	6.51	
٠	Healthcare	11.90	11.14	12.37	
	Utilities	2.74	2.87	2.61	



#### Top 6 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\ominus$ Vanguard Total Stock Mkt ldx Instl PIs	_	51.98	51.98	_	_
$\ominus$ Vanguard Total Intl Stock Index Inv	-	33.12	85.10	_	-
$\oplus$ Vanguard Total Bond Market II Idx Inv	-	9.77	94.87	_	-
$\oplus$ Vanguard Total Intl Bd II Idx Insl	-	3.88	98.75	_	-
⊖ Mktliq 12/31/2049	-	1.24	99.99	-	-
🕀 Us Dollar	-	0.01	100.00	-	_

#### Total Holdings 6



Portfolio Manager(s)

Quantitative Screens

been in existence.

place for 10.61 years.

**ESG Metrics** 

Sustainability Rating

Carbon Risk Score

ESG Commitment

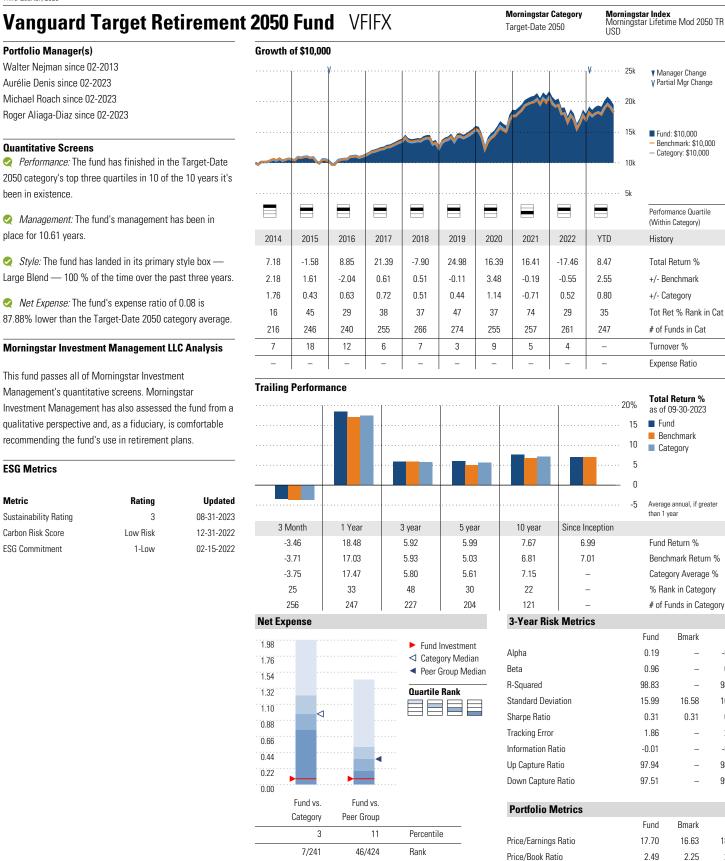
Metric

Walter Nejman since 02-2013

Roger Aliaga-Diaz since 02-2023

Aurélie Denis since 02-2023 Michael Roach since 02-2023

## Vanguard Target Retirement 2050 Fund VFIFX



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

Avg Eff Duration

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671

Cat

-0.06

0.97

98.24

16 20

0.29

2.24

-0.09

98.54

99.27

Cat

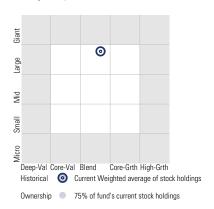
18.33

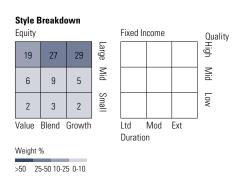
2.67

6.59

## Vanguard Target Retirement 2050 Fund VFIFX

Style Analysis as of 09-30-2023 Morningstar Style Box™





## 

Other		
	0.05	9.76
Cash	2.47	1.16
Bonds	9.40	5.60
Non-US Stocks	34.38	28.24
US Stocks	53.71	55.24
Asset Class	Net %	Cat%

Morningstar Category

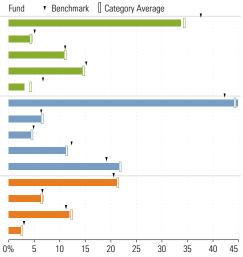
Target-Date 2050

Morningstar Index Morningstar Lifetime Mod 2050 TR USD

#### Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat	Fund	۲
Դ	Cyclical	33.74	37.47	34.36		-
ŵ.	Basic Materials	4.60	4.94	4.34		
4	Consumer Cyclical	11.19	10.91	11.07		
¢,	Financial Services	14.82	15.04	14.63		
ŵ	Real Estate	3.13	6.58	4.32		
<b>N</b>	Sensitive	44.85	42.13	44.29		
	Communication Services	6.81	6.23	6.57		
0	Energy	4.58	4.73	4.55		
\$	Industrials	11.59	12.17	11.35		
	Technology	21.87	19.00	21.82		
<b>→</b>	Defensive	21.41	20.40	21.36		
F	Consumer Defensive	6.79	6.46	6.47		
٠	Healthcare	11.88	11.08	12.32	_	
<b>?</b>	Utilities	2.74	2.86	2.57		
						i



#### Top 6 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\ominus$ Vanguard Total Stock Mkt Idx Instl PIs	_	54.07	54.07	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.31	89.38	_	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	6.88	96.26	_	-
$\oplus$ Vanguard Total Intl Bd II ldx Insl	-	2.64	98.90	_	-
① Mktliq 12/31/2049	-	1.08	99.99	-	-
🕀 Us Dollar	-	0.01	100.00	-	_

#### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio

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## Vanguard Target Retirement 2055 Fund VFFVX

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 10.61 years.

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

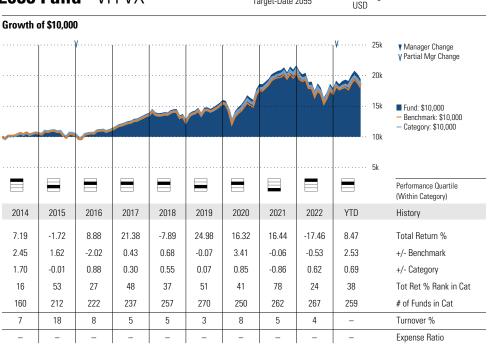
Net Expense: The fund's expense ratio of 0.08 is 87.5% lower than the Target-Date 2055 category average.

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



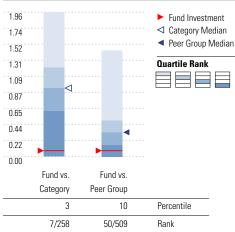
Morningstar Category

Target-Date 2055

Morningstar Index Morningstar Lifetime Mod 2055 TR

#### Trailing Performance





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

**3-Year Risk Metrics** Fund Bmark Cat Alpha 0.18 0.03 0.95 0.97 Beta 98.79 **R-Squared** 98.19 Standard Deviation 15.99 16 66 16.37 Sharpe Ratio 0.31 0.31 0.30 Tracking Error 1.92 2.24 Information Ratio -0.02 -0.04 Up Capture Ratio 97.64 99.47 Down Capture Ratio 97.27 99.88

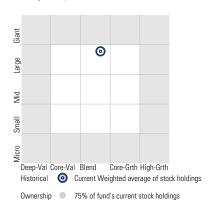
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.65	16.51	18.11
Price/Book Ratio	2.48	2.22	2.65
Avg Eff Duration	6.71	-	7.49

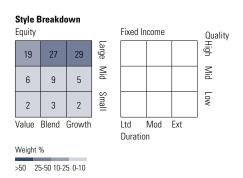
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## Vanguard Target Retirement 2055 Fund VFFVX

Style Analysis as of 09-30-2023 Morningstar Style Box™





## 

Other	0.05	10.20
		40.00
Cash	2.39	1.06
Bonds	9.48	5.90
Non-US Stocks	34.83	28.85
US Stocks	53.25	54.00
Asset Class	Net %	Cat%

Morningstar Category

Target-Date 2055

Morningstar Index Morningstar Lifetime Mod 2055 TR USD

30 35 40 45

#### Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat	Fund	T	Bench	mark	Categ	jory Ave	erage
Դ	Cyclical	33.81	37.74	34.34		-		-			
k.	Basic Materials	4.62	5.02	4.49			_				
3	Consumer Cyclical	11.20	10.93	11.13							
цů.	Financial Services	14.86	15.13	14.92							
ŵ	Real Estate	3.13	6.66	3.80							
M	Sensitive	44.80	41.95	44.61							
	Communication Services	6.80	6.19	6.64		]					
•	Energy	4.58	4.74	4.72							
<b>\$</b>	Industrials	11.62	12.23	11.36					_		
	Technology	21.80	18.79	21.89							
-	Defensive	21.39	20.31	21.05		_			)		
1	Consumer Defensive	6.79	6.45	6.40		0	_				
٠	Healthcare	11.86	11.00	12.12			]				
<b>9</b>	Utilities	2.74	2.86	2.53							
-					0%	5	10	15	20	25	30

#### Top 6 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
igodot Vanguard Total Stock Mkt Idx Instl PIs	_	53.61	53.61	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.79	89.40	_	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	6.96	96.35	_	-
🕀 Vanguard Total Intl Bd II Idx Insl	-	2.65	99.00	_	-
⊖ Mktliq 12/31/2049	-	1.00	100.00	-	-
$\Theta$ Us Dollar	_	0.00	100.00	-	_

#### Total Holdings 6



## Vanguard Target Retirement 2060 Fund VTTSX

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 10.61 years.

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

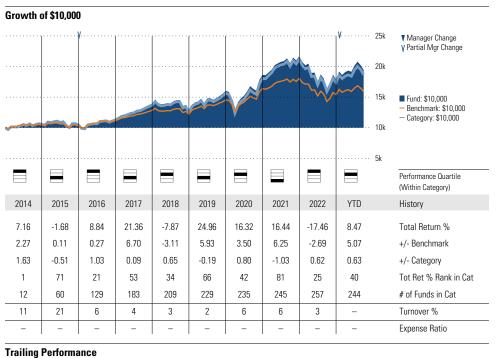
Net Expense: The fund's expense ratio of 0.08 is 88.06% lower than the Target-Date 2060 category average.

#### 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**

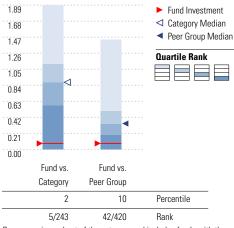
Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Morningstar Category

Target-Date 2060





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

Cat Alpha 3.12 3.10 1.32 Beta 1 29 98.50 **R-Squared** 97.20 12.30 Standard Deviation 15.97 16 42 Sharpe Ratio 0.31 0.08 0.30 Tracking Error 4.06 4.78 Information Ratio 0.89 0.75 Up Capture Ratio 141.38 144.61 Down Capture Ratio 124.11 127.71

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.63	16.40	18.07
Price/Book Ratio	2.48	2.18	2.61
Avg Eff Duration	6.71	-	6.43

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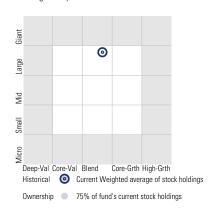


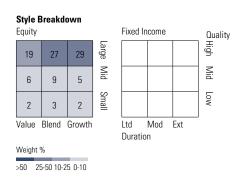
Morningstar Index

Morningstar Mod Tgt Risk TR USD

## Vanguard Target Retirement 2060 Fund VTTSX

**Style Analysis** as of 09-30-2023 Morningstar Style Box™





## 

Asset Class	Net %	Cat%
US Stocks	53.02	47.90
Non-US Stocks	35.03	30.80
Bonds	9.47	5.12
Cash	2.44	1.28
Other	0.05	14.90
Total	100.00	100.00

**Morningstar Index** 

Morningstar Mod Tgt Risk TR USD

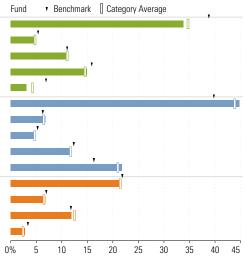
Morningstar Category

Target-Date 2060

### Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat	F
Դ	Cyclical	33.85	38.65	34.70	
æ.	Basic Materials	4.64	5.23	4.77	
<b>~</b>	Consumer Cyclical	11.20	10.91	11.06	
цф	Financial Services	14.88	15.73	14.57	
ŵ	Real Estate	3.13	6.78	4.30	
₩.	Sensitive	44.77	39.63	43.85	
đ	Communication Services	6.80	6.14	6.47	
	Energy	4.58	5.13	4.68	
Ф	Industrials	11.63	12.21	11.72	
	Technology	21.76	16.15	20.98	
-	Defensive	21.39	21.71	21.45	
	Consumer Defensive	6.79	6.83	6.53	
٠	Healthcare	11.85	11.65	12.49	
9	Utilities	2.75	3.23	2.43	



#### Top 6 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt Idx Instl PIs	_	53.37	53.37	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.99	89.36	_	-
$\oplus$ Vanguard Total Bond Market II Idx Inv	-	6.94	96.30	_	-
$\oplus$ Vanguard Total Intl Bd II Idx Insl	-	2.65	98.95	_	-
① Mktliq 12/31/2049	-	1.03	99.98	-	-
🕀 Us Dollar	-	0.02	100.00	-	-

#### Total Holdings 6



## Vanguard Target Retirement 2065 Fund VLXVX

Growth of \$10,000

#### Portfolio Manager(s)

Walter Neiman since 07-2017 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 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 6.22 years.

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

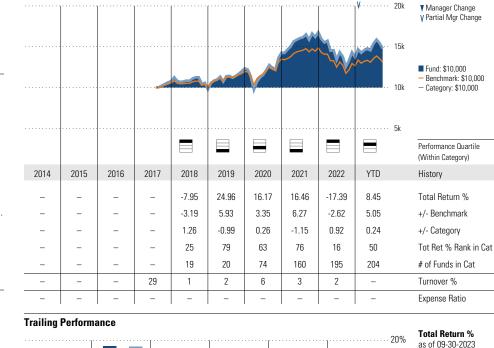
Net Expense: The fund's expense ratio of 0.08 is 86.67% lower than the Target-Date 2065+ category average.

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

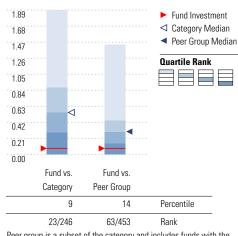
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022







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

-	- 1	Category Average %				
-	-	% Rank in Category				
-	-	# of	Funds in Ca	tegory		
3-Year Risk	Metrics					
		Fund	Bmark	Cat		
Alpha		3.14	-	2.96		
Beta		1.29	-	1.34		
R-Squared		98.48	-	97.56		
Standard Devia	tion	15.98	12.30	16.70		
Sharpe Ratio		0.31	0.08	0.30		
Tracking Error		4.07	-	4.95		
Information Rat	io	0.89	-	0.70		
Up Capture Rat	io	141.53	-	146.28		
Down Capture I	Ratio	124.16	-	130.15		

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.63	16.40	17.76
Price/Book Ratio	2.48	2.18	2.52
Avg Eff Duration	6.71	-	6.43

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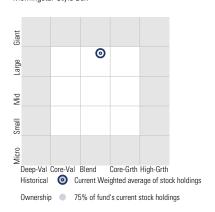


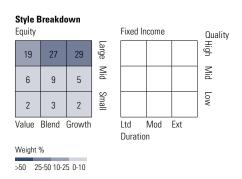
Morningstar Category Morningstar Index Target-Date 2065+

Morningstar Mod Tgt Risk TR USD

## Vanguard Target Retirement 2065 Fund VLXVX

**Style Analysis** as of 09-30-2023 Morningstar Style Box™





## 

Asset Class	Net %	Cat%
US Stocks	52.92	48.27
Non-US Stocks	34.99	32.03
Bonds	9.34	6.73
Cash	2.71	1.80
Other	0.05	11.18
Total	100.00	100.00

**Morningstar Index** 

Morningstar Mod Tgt Risk TR USD

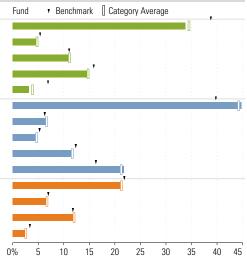
Morningstar Category

Target-Date 2065+

#### Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat
Դ	Cyclical	33.85	38.65	34.51
æ.	Basic Materials	4.64	5.23	4.77
4	Consumer Cyclical	11.19	10.91	11.11
ц <b>р</b>	Financial Services	14.88	15.73	14.75
ŵ	Real Estate	3.14	6.78	3.88
w,	Sensitive	44.78	39.63	44.22
đ	Communication Services	6.80	6.14	6.64
•	Energy	4.59	5.13	4.66
¢	Industrials	11.63	12.21	11.67
	Technology	21.76	16.15	21.25
<b>→</b>	Defensive	21.38	21.71	21.29
	Consumer Defensive	6.79	6.83	6.71
٠	Healthcare	11.84	11.65	12.01
9	Utilities	2.75	3.23	2.57



#### Top 6 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt Idx Instl PIs	_	53.27	53.27	-	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.95	89.22	_	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	6.79	96.01	-	-
$\oplus$ Vanguard Total Intl Bd II ldx Insl	-	2.66	98.68	-	-
① Mktliq 12/31/2049	-	1.23	99.91	-	_
🕀 Us Dollar	_	0.09	100.00	-	-

#### Total Holdings 6



## Vanguard Target Retirement 2070 Fund VSVNX

**Morningstar Category** 

**Morningstar Index** NЛ

Vanguard T	•														
Portfolio Manager(s)			Growth	of \$10,000											
Walter Nejman since 06-2 Aurélie Denis since 02-20 Michael Roach since 02-2 Roger Aliaga-Diaz since 0	23 2023							[					γPa	lanager Change artial Mgr Chan	
<b>Quantitative Screens</b> The Performance screen is less than three years of da		nds with									~~~~		— B	ınd: \$10,000 enchmark: \$10, ategory: \$10,00	
× Management: The fun place for less than three y		n has been in												ormance Quarti hin Category)	le
Style: The fund has la	Inded in its primary st	vle box —	2014	2015	2016	2017	2018	2019	2020	2021	2022	YTD	Hist	ory	
Large Blend — 100 % of			_	_	_	_	_	_	_	_	_	8.49	Tota	al Return %	
Not Europeou The function	d'a average ratio of 0	00 :-	_	-	_	_	-	-	-	_	-	5.09	+/-	Benchmark	
Net Expense: The fun 86.67% lower than the Ta			-	-	-	-	-	-	-	-	-	0.28	+/-	Category	
average.		gory	-	-	_	-	-	-	-	-	-	45	Tot	Ret % Rank i	n Cat
			_	-	-	-	-	-	-	-	-	204	# of	Funds in Cat	
Morningstar Investmen	t Management LLC	Analysis	_	-	-	-	-	-	-	-	44	-		nover %	
This fund fails the manage	er tenure screen due t	to a limited	-	-	-	-	-	-	-	-	-	-	Exp	ense Ratio	
history for this target-date			Trailing	Performa	ince										
ESG Metrics													20% as o 15 ■ F	<b>al Return %</b> of 09-30-2023 und Benchmark	1
Metric	Rating	Updated			·				••••••				10	ategory	
Sustainability Rating	3	08-31-2023										•••••	5		
Carbon Risk Score	Low Risk	12-31-2022											0		
														age annual, if gre	eater
			3 N	lonth	1 Year		3 year	5 ye	ar	10 year	Since I	nception	than	1 year	
				8.47	18.49		_	-		_		.57	Fun	d Return %	
			-3	8.29	11.43		2.30	3.9	8	5.24	5	.88	Ben	chmark Retu	m %
				8.77	18.36		6.13	5.7	9	-		-		egory Averag	
				23	52		-	-		-		-		lank in Categ	
			Net Exp	35	186	1	-	-	1	- 3-Year Ri	1	-	# 01	Funds in Cat	egory
				101130						J-Teat III	SK WCUI	63	Fund	Bmark	(
			1.89					Investmen gory Media		Alpha			_	_	2.
			1.68 1.47					Group Media		Beta			-	-	1.
			1.47				Quartile	Rank		R-Squared			-	-	97.
			1.05							Standard De			-	12.30	16.
			0.84							Sharpe Ratio			-	0.08	0.
			0.63							Tracking Erro			_	_	4. 0.
			0.42			-				Up Capture I			_	_	146.
			0.21		<b>&gt;</b>	_				Down Captu			_	_	130.
			0.00	Fund vs.	Fun	d vs.									
				Category	Peer G					Portfolio	Metrics		Fund	Dmork	(
				9		14	Percenti	le		Price/Earnin	as Ratio		Fund 17.66	Bmark 16.40	( 17.
				23/246		/453	Rank			Price/Book F	•		2.48	2.18	2.
				o is a subset agement st stics.		• •				Avg Eff Dura			6.73	_	6
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Cat

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97.56

16.70

0.30 4.95

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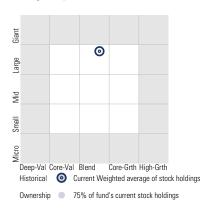
Cat 17.76

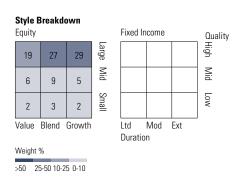
2.52

6.43

## Vanguard Target Retirement 2070 Fund VSVNX

**Style Analysis** as of 09-30-2023 Morningstar Style Box™





## 

Asset Class	Net %	Cat%
US Stocks	53.31	48.27
Non-US Stocks	34.81	32.03
Bonds	9.82	6.73
Cash	2.01	1.80
Other	0.05	11.18
Total	100.00	100.00

**Morningstar Index** 

Morningstar Mod Tgt Risk TR USD

Morningstar Category

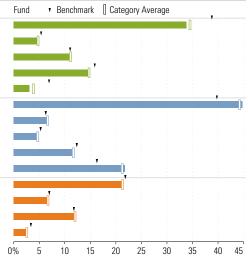
Target-Date 2065+

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## Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat
Դ	Cyclical	33.80	38.65	34.51
æ.	Basic Materials	4.62	5.23	4.77
A	Consumer Cyclical	11.20	10.91	11.11
цф	Financial Services	14.85	15.73	14.75
ŵ	Real Estate	3.13	6.78	3.88
w	Sensitive	44.82	39.63	44.22
g	Communication Services	6.81	6.14	6.64
0	Energy	4.59	5.13	4.66
¢	Industrials	11.62	12.21	11.67
	Technology	21.80	16.15	21.25
-	Defensive	21.38	21.71	21.29
F	Consumer Defensive	6.78	6.83	6.71
٠	Healthcare	11.86	11.65	12.01
2	Utilities	2.74	3.23	2.57



#### Top 6 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt ldx Instl Pls	_	53.67	53.67	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.77	89.43	_	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	6.96	96.40	_	-
$\oplus$ Vanguard Total Intl Bd II ldx Insl	-	2.98	99.38	_	-
⊕ Mktliq 12/31/2049	-	0.31	99.69	-	-
🕀 Us Dollar	-	0.31	100.00	-	-

#### Total Holdings 6



average.

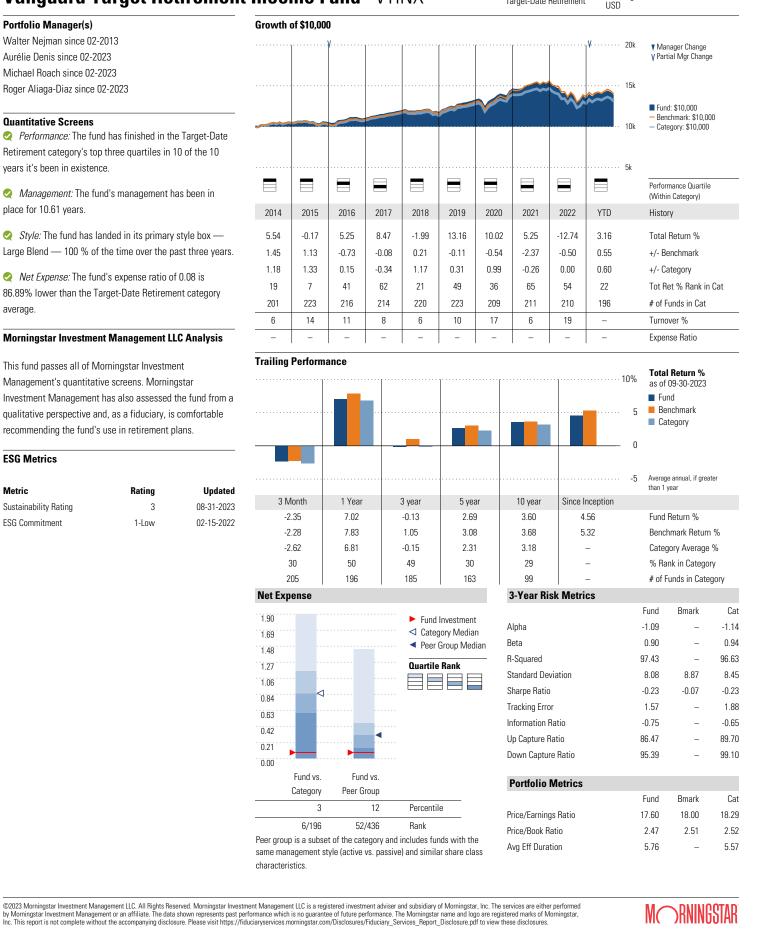
**ESG Metrics** 

Metric

## Vanguard Target Retirement Income Fund VTINX

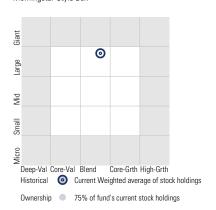
Morningstar Category Target-Date Retirement

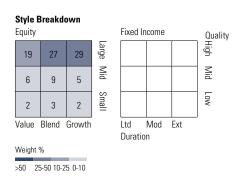
Morningstar Index Morningstar Lifetime Mod Incm TR



## Vanguard Target Retirement Income Fund VTINX

**Style Analysis** as of 09-30-2023 Morningstar Style Box™





## 

Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

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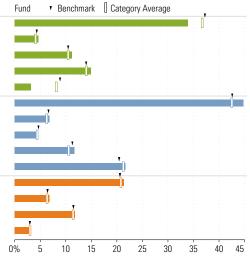
Other	0.02	13.34
Cash	3.11	3.88
Bonds	66.91	52.99
Non-US Stocks	11.99	9.84
US Stocks	17.95	19.96
Asset Class	Net %	Cat%

**Morningstar Category** 

Target-Date Retirement

Morningstar Index Morningstar Lifetime Mod Incm TR USD

#### Fund Bmark Cat Cyclical 33.90 37.10 36.71 **Basic Materials** 4.66 4.18 4.09 **Consumer Cyclical** 11.19 10.33 10.47 **Financial Services** 14.90 13.85 14.01 Real Estate 3.15 8.74 8.14 Sensitive 44.74 42.44 42.51 **Communication Services** 6.80 6.48 6.28 Energy 4.39 4.59 4.51 Industrials 11.65 11.15 10.57 21.70 20.30 Technology 21.27 21.37 20.47 20.79 Defensive **Consumer Defensive** 6.80 6.29 6.35 Healthcare 11.82 11.35 11.44 Utilities 2.75 2.83 3.00



#### Top 7 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Bond Market II Idx Inv	_	36.18	36.18	_	_
$\ominus$ Vanguard Total Stock Mkt Idx InstI PIs	-	18.06	54.25	_	-
Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	16.62	70.86	_	-
$\oplus$ Vanguard Total Intl Bd II Idx Insl	-	16.03	86.89	_	-
$\ominus$ Vanguard Total Intl Stock Index Inv	-	12.32	99.22	-	-
⊖ Mktliq 12/31/2049	-	0.78	99.99	-	_
$\oplus$ Us Dollar	_	0.01	100.00	_	-

#### Total Holdings 7

 $\oplus$  Increase  $\oplus$  Decrease New to Portfolio

