### American Funds American Balanced R6 RLBGX

Portfolio Manager(s)

Hilda Applbaum since 01-1999 Alan Berro since 03-2006 Paul Benjamin since 07-2014 Alan Wilson since 01-2016 John Queen since 07-2016 Pramod Atluri since 03-2018 Mark Casey since 10-2019 Ritchie Tuazon since 10-2020 Mathews Cherian since 05-2021 Jin Lee since 03-2023 Chit Purani since 03-2023 Irfan Furniturewala since 05-2023

#### Quantitative Screens

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

Management: The fund's management has been in place for 25.26 years.

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

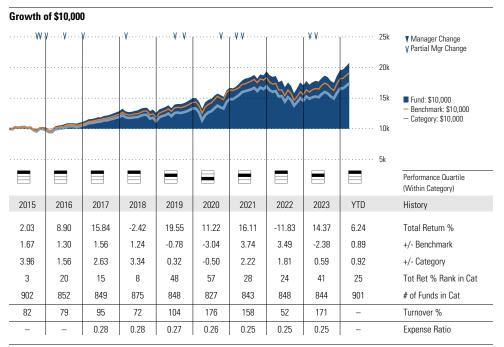
Net Expense: The fund's expense ratio of 0.25 is 75% lower than the Moderate Allocation category average.

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	03-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Morningstar Category

Moderate Allocation





#### 4.92 Fund Investment Category Median 4.37 Peer Group Median 3.83 3.28 Quartile Rank 2.73 2.19 1.64 1.09 0.55 0.00 Fund vs Fund vs Peer Group Category 2 7 Percentile 17/905 47/672 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.

Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category **3-Year Risk Metrics** Fund Bmark Cat Alpha 1.64 -0.54 0.97 0.98 Beta R-Squared 96.57 94.62 Standard Deviation 12.27 12 03 12 18 Sharpe Ratio 0.32 0 19 0.13 Tracking Error 2 26 2.71 Information Ratio 0.70 -0.34 Up Capture Ratio 105.22 97.53 Down Capture Ratio 96.97 101.19

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	23.92	22.00	22.66
Price/Book Ratio	4.25	3.26	3.50
Avg Eff Duration	6.24	5.80	5.11

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Morningstar Index

Morningstar US Mod Tgt Alloc NR USD

**Total Return %** 

as of 03-31-2024 Fund

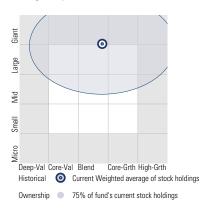
Benchmark

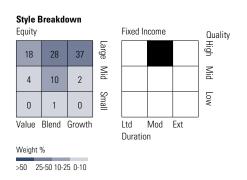
Average annual, if greater than 1 year

Category

# American Funds American Balanced R6 RLBGX

**Style Analysis** as of 03-31-2024 Morningstar Style Box™





# 

Fund

23.56

3.00

7.33

11.50

1.73

51.25

9.74

6.02

11.06

24 43

25.17

8.51

14.29

2.37

Bmark

31.35

3.45

10.85

14 34

2.71

48.67

7.67

4.38

10.75

25.87

19.97

6.01

11.65

2.31

Asset Allocation as of 03-31-2024

Sector Weighting as of 03-31-2024

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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 54.86 46.53 Non-US Stocks 7.06 9.69 Bonds 27.30 35.10 Cash 7.74 5.55 3.04 Other 3.13 Total 100.00 100.00

#### Benchmark [] Category Average Cat Fund 30.65 3.50 10.48 14 43 2.24 47.56 7.67 4.72 10.89 24.28 21.78 5.74 13.39 2.65 0% 5 10 15 20 25 30 35 40 45 50 55

### Top 10 Holdings as of 03-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Capital Group Central Cash Fund	_	8.66	8.66	_	_
⊖ Microsoft Corp	_	4.55	13.22	-	Technology
⊖ Broadcom Inc	_	4.43	17.65	_	Technology
🕀 Cap Grp Cent Fd Ser li	_	2.97	20.62	-	-
$\ominus$ Meta Platforms Inc Class A	-	1.70	22.33	-	Communication Svc
⊖ UnitedHealth Group Inc	-	1.67	24.00	-	Healthcare
$\oplus$ Philip Morris International Inc	_	1.65	25.65	-	Consumer Defensive
$\ominus$ Eli Lilly and Co	_	1.53	27.17	-	Healthcare
$\ominus$ The Home Depot Inc	_	1.39	28.57	-	Consumer Cyclical
🛨 Alphabet Inc Class C	-	1.39	29.95	_	Communication Svc

### Total Holdings 2757

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



Morningstar CategoryMorModerate AllocationMor

Morningstar Index Morningstar US Mod Tgt Alloc NR USD

## American Funds Invmt Co of Amer R6 RICGX

Growth of \$10,000

. . . **V**.

Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 32.1 years.

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

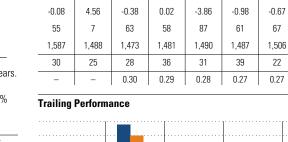
Net Expense: The fund's expense ratio of 0.27 is 64% lower than the Large Blend category average.

#### **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	03-31-2024
Carbon Risk Score	Low Risk	12-31-2022



2017

20.06

-1.77

2016

14.93

2 97

2015

-1.15

-2.53

...¥

2018

-6.25

-1.87

Vr V

2019

24.92

-6.57

2020

14.85

-3.55

2021

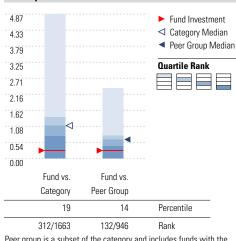
25.40

-3.31

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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.

Morningstar Category Large Blend

2022

-15.26

2.85

1.70

31

1,528

31

0.27

Alpha

Morningstar Index S&P 500 TR USD

35k

30k

25

20k

15k

10k

Vanager Change V Partial Mgr Change

> Fund: \$10.000 Benchmark: \$10,000 Category: \$10,000

	5k	
		Performance Quartile (Within Category)
2023	YTD	History
28.88	10.52	Total Return %
2.59	-0.04	+/- Benchmark
6.56	0.57	+/- Category
11	40	Tot Ret % Rank in Cat
1,543	1,653	# of Funds in Cat
29	-	Turnover %
0.27	-	Expense Ratio



30 Fund 25 Benchmark 20 Category 15 10 5 Λ Average annual, if greater than 1 year Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund Bmark Cat 1 52 0.06

Арна	1.00		-0.50
Beta	0.92	-	0.94
R-Squared	96.61	-	94.59
Standard Deviation	16.38	17.60	16.99
Sharpe Ratio	0.61	0.54	0.45
Tracking Error	3.37	-	3.62
Information Ratio	0.22	-	-1.36
Up Capture Ratio	95.80	-	92.17
Down Capture Ratio	90.71	-	96.02

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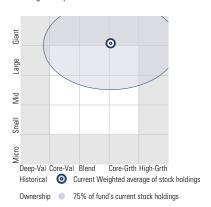
Portfolio Metrics					
	Fund	Bmark	Cat		
Price/Earnings Ratio	26.11	24.84	24.56		
Price/Book Ratio	4.40	4.36	5.06		
Geom Avg Mkt Cap \$B	248.14	270.11	347.16		
ROE	27.20	32.68	33.81		

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## American Funds Invmt Co of Amer R6 RICGX

Style Analysis as of 03-31-2024 Morningstar Style Box™





Weight %

>50 25-50 10-25 0-10

### Top 15 Holdings as of 03-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ Microsoft Corp	7.80	7.80	_	Technology
∋ Broadcom Inc	5.79	13.59	-	Technology
Deta Platforms Inc Class A	4.20	17.79	-	Communication Svc
⇒ GE Aerospace	4.12	21.92	-	Industrials
$\oplus$ Capital Group Central Cash Fund	3.61	25.52	-	_
🗱 Cash And Other Assets Less Liablities	3.59	29.11	-	-
➔ Amazon.com Inc	3.46	32.57	-	Consumer Cyclical
➔ Alphabet Inc Class A	2.12	34.69	-	Communication Svc
€ RTX Corp	2.06	36.75	-	Industrials
⇒ Abbott Laboratories	2.02	38.77	-	Healthcare
➔ Mastercard Inc Class A	2.01	40.78	-	Financial Services
€ Alphabet Inc Class C	1.93	42.71	-	Communication Svc
€ Apple Inc	1.84	44.55	-	Technology
🕀 British American Tobacco PLC	1.61	46.17	_	Consumer Defensive
🕀 Royal Caribbean Group	1.60	47.77	_	Consumer Cyclical

#### Total Holdings 209

🕀 Increase 👄 Decrease 🕸 New to Portfolio

Asset Class	Net %	Cat%
US Stocks	85.30	95.21
Non-US Stocks	7.39	2.49
Bonds	0.07	-0.24
Cash	7.19	1.49
Other	0.06	1.06
Total	100.00	100.00

#### Benchmark [] Category Average Fund 1 Ţ Π 0% 5 10 15 20 25 30 35 40 45 50 55

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Morningstar Category

📕 Large Blend

Morningstar Index

S&P 500 TR USD

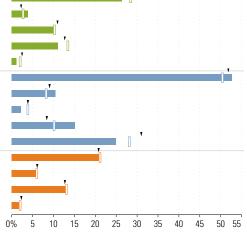
50 100

### Sector Weighting as of 03-31-2024

0

Asset Allocation as of 03-31-2024

		Fund	Bmark	Cat
Դ	Cyclical	26.32	27.72	28.44
æ.	Basic Materials	3.93	2.09	2.73
	Consumer Cyclical	10.29	10.79	10.24
ц.	Financial Services	11.01	12.53	13.45
ŵ	Real Estate	1.09	2.31	2.02
w	Sensitive	52.71	51.66	50.43
G	Communication Services	10.47	8.89	8.25
0	Energy	2.16	3.71	3.88
Ф	Industrials	15.10	8.23	10.15
	Technology	24.98	30.83	28.15
	Defensive	20.96	20.62	21.13
E	Consumer Defensive	5.66	5.93	6.00
٠	Healthcare	13.15	12.56	13.11
9	Utilities	2.15	2.13	2.02



### American Funds New Perspective R6 RNPGX

#### Portfolio Manager(s)

<b>. .</b>
Robert Lovelace since 12-2000
Joanna Jonsson since 12-2005
Steven Watson since 12-2005
Brady Enright since 12-2005
Noriko Chen since 04-2012
Andraz Razen since 07-2015
Patrice Collette since 12-2018
Barbara Burtin since 12-2018
Kohei Higashi since 12-2020
Anne-Marie Peterson since 12-2020

#### Quantitative Screens

Performance: The fund has finished in the Global Large-Stock 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 23.35 years.

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

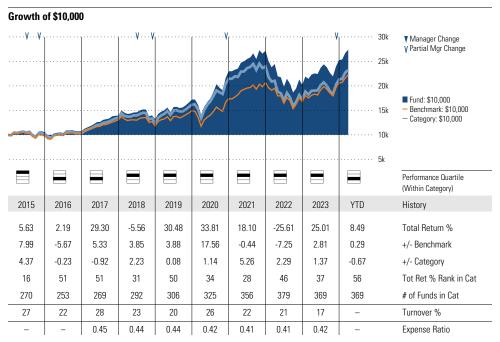
Net Expense: The fund's expense ratio of 0.42 is 60.38% lower than the Global Large-Stock Growth category average.

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	02-15-2022



#### **Trailing Performance**



Alpha

Beta

**R-Squared** 

Sharpe Ratio

Tracking Error

Information Ratio

Up Capture Ratio

2.52 Fund Investment Category Median 2.24 Peer Group Median 1.96 1.68 Quartile Rank 1.40 1.12 0.84 0.56 0.28 Fund vs Fund vs Peer Group Category 2 6 Percentile 7/373 15/250 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.

Fund 20 Benchmark 15 Category 10 5 Λ 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 -2.12 -3.53 1 10 1 1 4 \_ 96.39 89.14 Standard Deviation 18 68 16 62 20.20 0.21 0.31 0.16 3.95 7.06 -0.44 -0.40 106.14 104.67 Down Capture Ratio 115.25 120.06 **Portfolio Metrics** 

**Total Return %** 

as of 03-31-2024

Fund	Bmark	Cat
25.12	20.65	29.01
3.85	2.92	5.08
145.77	137.43	188.67
26.25	26.46	28.68
	25.12 3.85 145.77	25.12 20.65 3.85 2.92 145.77 137.43

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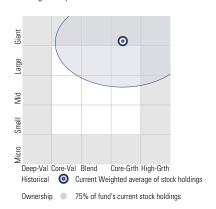


Morningstar Index **Morningstar Category** 

Global Large-Stock Growth MSCI ACWI NR USD

### American Funds New Perspective R6 RNPGX

Style Analysis as of 03-31-2024 Morningstar Style Box™







Weight %

<25

>50 25-50 10-25 0-10

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



Asset Allocation as of 03-31-2024

0

Դ Cyclical

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Energy

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Utilities

Basic Materials

Consumer Cyclical

**Financial Services** 

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

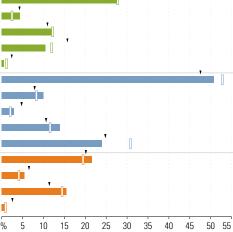
Healthcare

Consumer Defensive

).00	100.00 100.00
).07	0.07 1.00
5.26	5.26 1.53
0.00	0.00 0.00
5.05	45.05 37.23
9.63	49.63 60.24
et %	Net % Cat%

#### Sector Weighting as of 03-31-2024 Benchmark [] Category Average Cat Fund Fund Bmark 27.66 32.65 27.75 4.42 4.09 2.46 12.26 10.78 12.18 10 48 15 55 11.96 0.50 2.23 1.15 50.79 47.38 52.79 9.94 7.71 8.31 2.88 4.59 2.08 13.93 10.45 11.58 24 04 24 63 30.82 21.56 19.97 19.47 5.43 6.36 4.11 15.53 11.22 14.45 0.60 2.39 0.91 0%

50



Fund % Cat % Fund % Cat % Fund % Cat % Greater Asia 13.52 11.25 Greater Europe 30.41 Americas 56.06 65.27 23.48 Market Maturity Fund % 3.86 4.00 96.35 Japan 6.42 North America 54.87 63.82 United Kingdom 5.65 **Developed Markets** Australasia 0.24 0.14 Central/Latin 1.19 1.45 W euro-ex UK 24.35 19.13 Emerging Markets 3.65 Asia-4 Tigers 4.65 3.20 Emrgng Europe 0.00 0.02 Not Available 0.00 Asia-ex 4 Tigers 2.21 4.05 Africa 0.41 0.33 Not Classified 0.00 0.00 >75

Top 10 Holdings as of 03-31-2024

50-75

25-50

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ Capital Group Central Cash Fund	4.48	4.48	_	_
∋ Microsoft Corp	3.79	8.27	-	Technology
$\ni$ Meta Platforms Inc Class A	3.35	11.62	-	Communication Svc
∋ Novo Nordisk A/S Class B	2.74	14.35	-	Healthcare
⊖ Broadcom Inc	2.35	16.70	-	Technology
$\ominus$ Taiwan Semiconductor Manufacturing Co Ltd	2.28	18.98	-	Technology
€ Fujitsu Ltd	2.15	21.13	-	Technology
€ Tesla Inc	1.58	22.71	-	Consumer Cyclical
$\ni$ Eli Lilly and Co	1.51	24.22	-	Healthcare
🕀 AstraZeneca PLC	1.42	25.64	_	Healthcare

#### Total Holdings 276

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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**Morningstar Category** Morningstar Index

Global Large-Stock Growth MSCI ACWI NR USD

### American Funds New World R6 RNWGX

#### Portfolio Manager(s)

#### 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 24.81 years.

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

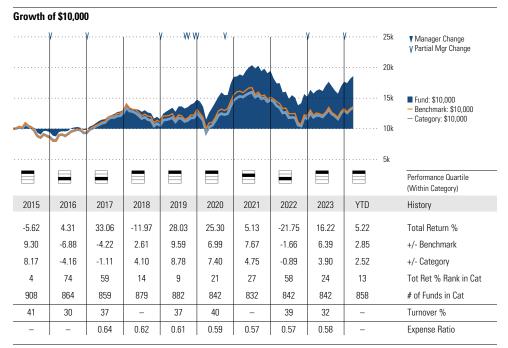
Net Expense: The fund's expense ratio of 0.57 is 49.56% lower than the Diversified Emerging Mkts category average.

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

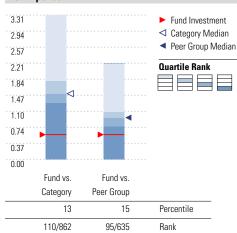
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

#### **ESG Metrics**

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







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

% Rank in Category # of Funds in Category **3-Year Risk Metrics** Fund Bmark Cat Alpha 4.20 0.10 0.82 0.95 Beta 79.34 **R-Squared** 87.85 Standard Deviation 16 28 17 76 18 00 Sharpe Ratio -0 11 -0.37 -0.34 Tracking Error 8.09 6.15 Information Ratio 0.62 0.01 Up Capture Ratio 95.11 97.10 Down Capture Ratio 77.23 96.86

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 20.69 14 02 14.51 Price/Book Ratio 3.12 1.66 1.91 Geom Avg Mkt Cap \$B 70.07 39 75 46 60

23.89

ROE

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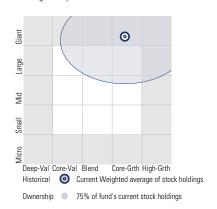
18.75

Morningstar Category Morningstar Index

Diversified Emerging Mkts MSCI EM NR USD

# American Funds New World R6 RNWGX

#### Style Analysis as of 03-31-2024 Morningstar Style Box™







Weight %

<25

>50 25-50 10-25 0-10

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

		I
0	50	100

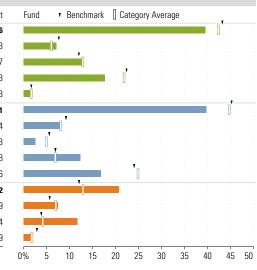
#### Sector Weighting as of 03-31-2024

Asset Allocation as of 03-31-2024

		Fund	Bmark	Cat
Դ	Cyclical	39.58	43.05	42.36
æ.	Basic Materials	7.11	7.49	6.03
<b>~</b>	Consumer Cyclical	12.86	11.85	12.87
,	Financial Services	17.69	22.21	21.83
ŵ	Real Estate	1.92	1.50	1.63
w	Sensitive	39.75	45.06	44.71
G	Communication Services	8.02	9.04	8.04
0	Energy	2.56	5.42	4.93
¢	Industrials	12.36	6.74	6.88
	Technology	16.81	23.86	24.86
	Defensive	20.67	11.90	12.92
E	Consumer Defensive	7.49	5.50	6.99
٠	Healthcare	11.70	3.67	4.14
9	Utilities	1.48	2.73	1.79

Morningstar CategoryMorningstar IndexDiversified Emerging MktsMSCI EM NR USD

Asset Class Net % Cat% US Stocks 20.91 3.58 Non-US Stocks 69.27 94.80 Bonds 3.78 0.05 Cash 5.84 1.38 Other 0.19 0.19 Total 100.00 100.00



	Greater Asia	Fund % 41.58	Cat % 72.94	Americas	Fund % 34.64	Cat % 16.21	Greater Europe	Fund % 23.79	Cat % 10.84	Market Maturity	Fund %
	Japan Australasia	3.02 0.00	0.07	North America Central/Latin	24.43 10.21	3.16 13.05	United Kingdom W euro-ex UK	2.22 19.00	0.56 1.90	Developed Markets Emerging Markets	57.10 42.90
	Asia-4 Tigers Asia-ex 4 Tigers Not Classified	8.26 30.30 0.00	28.48 44.39 0.00				Emrgng Europe Africa	0.50 2.07	1.90 6.48	Not Available	0.00
>75		0.00	0.00								

Top 10 Holdings as of 03-31-2024

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Capital Group Central Cash Fund	4.06	4.06	_	_
∋ Microsoft Corp	2.79	6.86	-	Technology
$oldsymbol{ m  ilde{D}}$ Taiwan Semiconductor Manufacturing Co Ltd	2.78	9.63	-	Technology
∋ Novo Nordisk A/S Class B	1.94	11.58	-	Healthcare
🗱 Cash And Other Assets Less Liablities	1.77	13.34	-	-
€ MercadoLibre Inc	1.52	14.86	-	Consumer Cyclical
Đ Meta Platforms Inc Class A	1.49	16.36	-	Communication Svc
∋ Airbus SE	1.45	17.81	-	Industrials
🕀 Broadcom Inc	1.39	19.20	-	Technology
Evmh Moet Hennessy Louis Vuitton SE	1.29	20.49	-	Consumer Cyclical

#### Total Holdings 576

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

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### Eaton Vance Income Fund of Boston R6 EIBRX

### Portfolio Manager(s)

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

#### Quantitative Screens

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

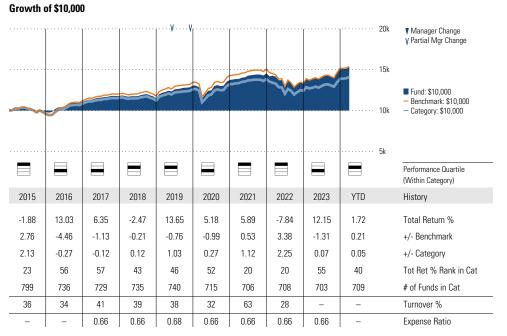
Management: The fund's management has been in place for 9.41 years.

Style Consistency is not calculated for Fixed Income funds.

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

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

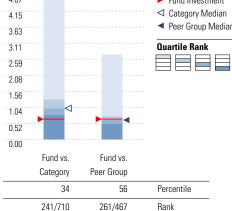
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.



Morningstar Category

High Yield Bond





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

Fortiono metrics			
	Fund	Bmark	Cat
Avg Eff Duration	3.31	-	3.18
Avg Eff Maturity	4.55	-	4.90

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

ICE BofA US High Yield TR USD

### Eaton Vance Income Fund of Boston R6 EIBRX

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

Quality

Fund

0.00

0.00

0.00

5.23

38.67

39.97

12.22

3.91

Bmark

\_

\_

\_

\_

Cat

1.74

1.39

0.75

6.23

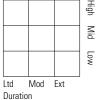
38.01

35.18

15.87

0.83





**Credit Rating Breakdown** 

AAA

AA

А

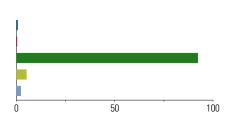
BBB

BB

В

Below B

Not Rated



#### Sector Weighting as of 03-31-2024

Asset Allocation as of 03-31-2024

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

Morningstar Index

ICE BofA US High Yield TR USD

**Morningstar Category** 

High Yield Bond

	Fund	Bmark	Cat	Fund	۲	В	ench	mark	Ca	teg	ory	Ave	rag	е			
Government	0.00	-	2.16	10													
Treasury	0.00	-	0.91	0													
Inflation – Protected	0.00	-	0.01														
Agency/Quasi Agency	0.00	-	0.00	0													
Other Government Related	0.00	-	1.24	10													
Corporate	94.93	-	89.86														
Corporate Bond	87.24	-	87.71						 -	-			-	-	-	-	
Bank Loan	5.79	-	1.37														
Convertible	0.85	-	0.40	]													
Preferred	1.05	-	0.38	]													
Securitized	0.00	-	1.41	10													
Agency MBS Pass-Through	0.00	-	0.04	0													
Agency MBS ARM	0.00	-	0.00														
Agency MBS CMO	0.00	-	0.04														
Non-Agency Residential MBS	0.00	-	0.05	]													
Commercial MBS	0.00	-	0.21	]													
Asset-Backed	0.00	-	1.07	1													
Covered Bond	0.00	-	0.00														
Municipal	0.00	_	0.03	]													
Cash & Equivalents	5.07	-	4.62														
Other	0.00	-	1.93	i []													

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

#### Top 10 Holdings as of 03-31-2024

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

#### Total Holdings 461

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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### Federated Hermes Govt Ultrashort R6 FGULX

### Portfolio Manager(s)

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

#### Quantitative Screens

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

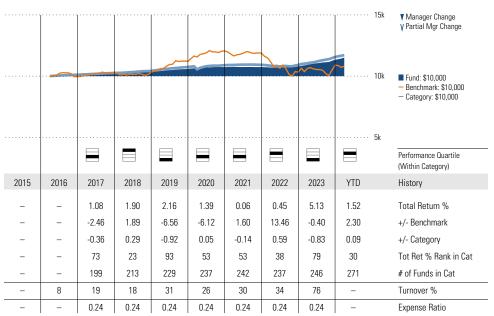
Management: The fund's management has been in place for 26.74 years.

Style Consistency is not calculated for Fixed Income funds.

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

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

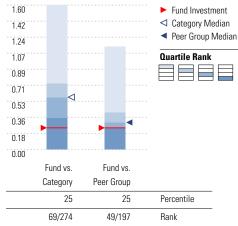
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.



**Morningstar Category** 

Ultrashort Bond

#### **Trailing Performance Total Return %** 10% as of 03-31-2024 Fund Benchmark 5 Category 0 Average annual, if greater -5 than 1 year 3 Month 1 Year 5 year 10 year Since Inception 3 year 1.52 5.36 2.31 2.03 -0.78 1.70 -2.46 0.36 611 2 39 1.43 2.16 30 74 63 69 271 249 214 194 Net Expense



_	1.76	6 Fund Return %					
1.54	6.56	Benchmark Return %					
1.66	-	Category Average %					
-	-	% R	ank in Cate	gory			
-	_	# of	Funds in Ca	tegory			
3-Year Risk	Metrics						
		Fund	Bmark	Cat			
Alpha		2.46	-	2.54			
Beta		0.08	-	0.09			
R-Squared		36.31	-	27.88			
Standard Devia	tion	0.93	7.24	1.24			
Sharpe Ratio		-1.13	-0.72	-0.91			
Tracking Error		6.72	-	6.69			
Information Ratio 0.71 – 0							
Up Capture Rat	Up Capture Ratio 16.65 – 17.						
Down Capture I	Ratio	-8.17	-	-8.23			

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

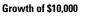
#### Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

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Morningstar Index

Bloomberg US Agg Bond TR USD



## Federated Hermes Govt Ultrashort R6 FGULX

Fund

100.00

0.00

0.00

0.00

0.00

0.00

0.00

0.00

Bmark

3.53

74.59

10.82

8.32

0.28

0.00

0.00

2.46

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





**Credit Rating Breakdown** 

Duration

AAA

AA

А

BBB

BB

В

Below B

Not Rated

I		
0	50	100

#### Se

Cat

46.30

15.66

13.25

19.87

2.17

0.90

0.25

1.61

Asset Allocation as of 03-31-2024

	Fund	Bmark	Cat	Fund	<ul> <li>Benchmark</li> </ul>	Catego	ry Average		
Government	5.28		21.63	i unu		U catego	iy Avelaye		
		-			n U				
Treasury	3.80	_	18.64		0				
Inflation – Protected	0.00	-	0.05						
Agency/Quasi Agency	1.48	-	0.48	0					
Other Government Related	0.00	-	2.46						
Corporate	0.00	-	35.22			0			
Corporate Bond	0.00	-	34.40			0			
Bank Loan	0.00	-	0.66						
Convertible	0.00	-	0.05	0					
Preferred	0.00	-	0.11	0					
Securitized	70.49	-	21.61		[	· ·			
Agency MBS Pass-Through	9.84	-	0.18						
Agency MBS ARM	0.06	-	0.21						
Agency MBS CMO	60.59	_	1.32						
Non-Agency Residential MBS	0.00	_	0.04	0					
Commercial MBS	0.00	_	2.38						
Asset-Backed	0.00	_	17.48	i i					
Covered Bond	0.00	-	0.00						
Municipal	0.00	_	0.60	0					
Cash & Equivalents	24.23	_	18.76						
Other	0.00	_	2.20						

0% 5 10 15 20 25 30 35 40 45 50 55 60 65 7075

#### Top 10 Holdings as of 03-31-2024

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

Total Holdings 210

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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Morningstar Category Ultrashort Bond

Asset Class

US Stocks

Bonds

Cash

Other

Total

Non-US Stocks

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

Net %

0.00

0.00

75.54

24.46

0.00

100.00

Cat%

1.86

0.00

66.04

31.87

0.21

100.00

### MFS Mid Cap Growth R6 OTCKX

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

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

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 0.66 is 38.32% lower than the Mid-Cap Growth category average.

#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

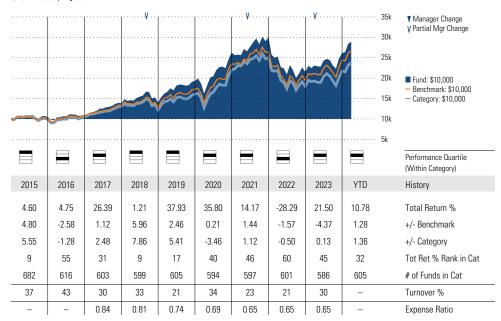
Metric	Rating	Updated
Sustainability Rating	4	03-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	02-15-2022



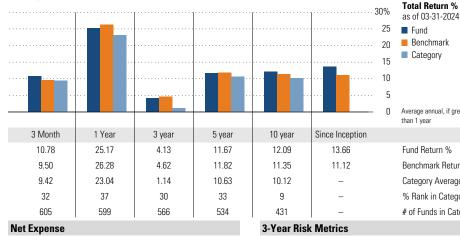


### Morningstar Index

Russell Mid Cap Growth TR USD







Alpha

Beta

**R-Squared** 

Sharpe Ratio

Tracking Error

Information Ratio

Up Capture Ratio

Down Capture Ratio

**Portfolio Metrics** 

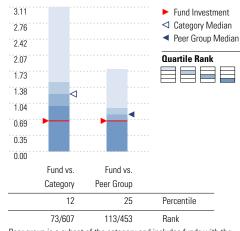
Price/Earnings Ratio

Geom Avg Mkt Cap \$B

Price/Book Ratio

ROE

Standard Deviation



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 annual, if greater Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund Bmark Cat -0.13 -3.45 0.92 0.97 94.25 91.07 20.49 21 74 22.26 0.16 0 18 0.03 5.25 6.61 -0.09 -0.68 94.36 92.06 95.39 104.36 Fund Bmark Cat 38.73 26 72 31.29 6.76 8.38 5.82

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25 23

26.19

22.56

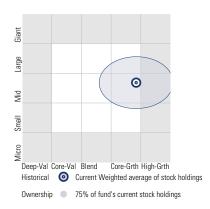
19.71

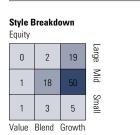
28.30

19.88

# MFS Mid Cap Growth R6 OTCKX

Style Analysis as of 03-31-2024 Morningstar Style Box™





### Weight %

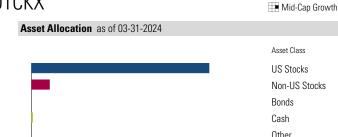
>50 25-50 10-25 0-10

#### Top 15 Holdings as of 03-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
igodolog Monolithic Power Systems Inc	3.23	3.23	_	Technology
ige Cadence Design Systems Inc	2.83	6.06	_	Technology
Vulcan Materials Co	2.66	8.72	20.43	Basic Materials
AMETEK Inc	2.58	11.30	11.09	Industrials
Howmet Aerospace Inc	2.39	13.70	26.53	Industrials
ige > Copart Inc	2.30	15.99	-	Industrials
MSCI Inc	2.27	18.27	-0.64	Financial Services
Gartner Inc	2.25	20.51	5.67	Technology
ige > Verisk Analytics Inc	2.12	22.63	-	Industrials
Take-Two Interactive Software Inc	2.07	24.70	-	Communication Svc
ige  ightarrow ASM International NV	2.02	26.72	-	Technology
CoStar Group Inc	2.01	28.73	_	Real Estate
$\supset$ Wolters Kluwer NV	1.95	30.68	_	Industrials
i  Synopsys Inc	1.86	32.54	_	Technology
Bruker Corp	1.71	34.25	_	Healthcare

### Total Holdings 92

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



Fund

27.40

3.17

12.68

9.30

2.25

53 38

4.59

1.37

22.83

24 59

19.23

1.75

17.48

0.00

Bmark

24.66

0.88

13.02

911

1.65

54.11

4.01

3.51

18.39

28.20

21.24

2.83

17.98

0.43

100

Cat

27.83

2.14

12.43

10.45

2.81

50.56

3.57

2.79

17.58

26.62

21.59

2.79

18.22

0.58

50

Sector Weighting as of 03-31-2024

0

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F

Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Energy

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

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

Morningstar Index

Russell Mid Cap Growth TR USD

Morningstar Category

#### Benchmark Category Average Fund ٣Ì 0% 5 10 15 20 25 30 35 40 45 50 55

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### PGIM Jennison Small Company R6 PJSQX

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 10.35 years.

× Style: The fund has landed in its primary style box — Small Growth ---- 18.18 % of the time over the past three years.

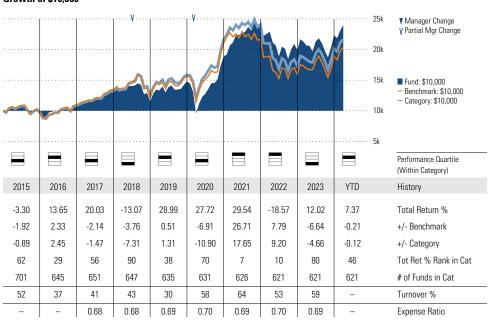
Net Expense: The fund's expense ratio of 0.69 is 40.52% lower than the Small Growth category average.

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

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

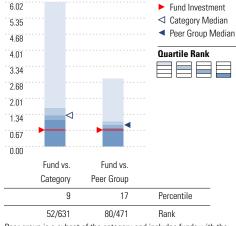
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	03-31-2024
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	6.22	-	0.20			
Beta	0.81	-	0.94			
R-Squared	87.68	-	90.95			
Standard Deviation	19.44	22.41	22.03			
Sharpe Ratio	0.16	-0.14	-0.12			
Tracking Error	8.02	-	6.84			
Information Ratio	0.86	-	0.10			
Up Capture Ratio	96.73	-	94.79			
Down Capture Ratio	76.19	-	94.60			
Portfolio Metrics						

FULUIIU MEULCS			
	Fund	Bmark	Cat
Price/Earnings Ratio	18.02	21.70	28.60
Price/Book Ratio	2.51	4.07	4.00
Geom Avg Mkt Cap \$B	5.21	3.44	6.70
ROE	9.41	10.62	11.42

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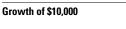


Morningstar Index

**Morningstar Category** 

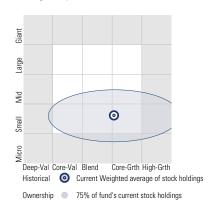
Small Growth

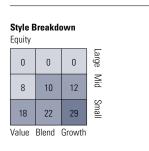
Russell 2000 Growth TR USD



## PGIM Jennison Small Company R6 PJSQX

Style Analysis as of 03-31-2024 Morningstar Style Box™





Weight %

>50 25-50 10-25 0-10

### Top 15 Holdings as of 03-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Name	% Net Asset	Guinulative %	TID Netulii %	Worningstar Sector
$\ni$ Prudential Govt Money Mkt Fd	3.64	3.64	-	-
eq Targa Resources Corp	2.20	5.83	-	Energy
Kirby Corp	2.03	7.86	-	Industrials
Performance Food Group Co	1.92	9.78	-	Consumer Defensive
€ Sprout Social Inc Class A	1.87	11.65	-	Technology
🕀 Saia Inc	1.86	13.51	-	Industrials
€ Markel Group Inc	1.81	15.32	-	Financial Services
East West Bancorp Inc	1.69	17.00	-	Financial Services
Churchill Downs Inc	1.60	18.61	-	Consumer Cyclical
$\oplus$ Burlington Stores Inc	1.58	20.18	-	Consumer Cyclical
Gaming and Leisure Properties Inc	1.58	21.76	-	Real Estate
Shift4 Payments Inc Class A	1.57	23.34	_	Technology
igodolog Universal Display Corp	1.51	24.84	_	Technology
$\ni$ Constellium SE Class A	1.50	26.35	_	Basic Materials
KBR Inc	1.50	27.85	_	Industrials

#### Total Holdings 129

🕀 Increase 👄 Decrease 🕸 New to Portfolio

50 100

Asset Allocation as of 03-31-2024

Sector Weighting as of 03-31-2024

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Energy

Industrials

Technology

Defensive

Healthcare

Consumer Defensive

0

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Utilities

#### Asset Class Net % Cat% US Stocks 92.68 91.54 Non-US Stocks 5.01 4.52 Bonds 0.00 0.01 Cash 3.46 1.71 Other 0.00 1.07 Total 100.00 100.00

### Benchmark [] Category Average Fund i) i ( 0% 5 10 15 20 25 30 35 40 45 50 55

Cat

24.59

3.13

10.98

8.17

2.31

50.31

1.37

3.69

19.63

25.62

25.10

4.45

19.93

0.72

Fund

39.67

4.47

11.93

15.12

8.15

40.91

0.54

5.50

16.49

18.38

19.41

5.24

12.30

1.87

Bmark

21.58

4.56

9.98

5.45

1.59

50.24

1.76

4.04

18.16

26.28

28.18

4.97

21.88

1.33

**Morningstar Category** Small Growth

Morningstar Index

Russell 2000 Growth TR USD

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## PIMCO Commodity Real Ret Strat Instl PCRIX

### Portfolio Manager(s)

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

#### Quantitative Screens

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

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

Style Consistency is not calculated for Fixed Income funds.

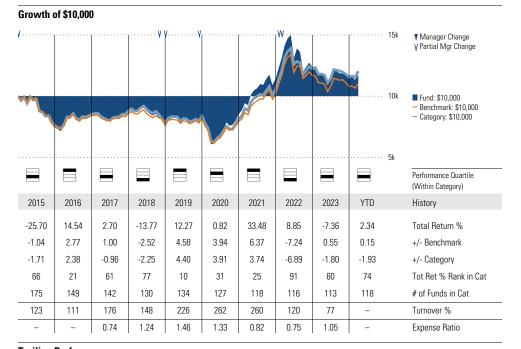
Net Expense: The fund's expense ratio of 0.99 is 3.88% lower than the Commodities Broad Basket category average.

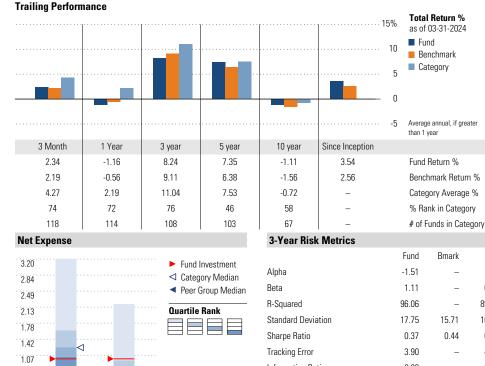
#### Morningstar Investment Management LLC Analysis

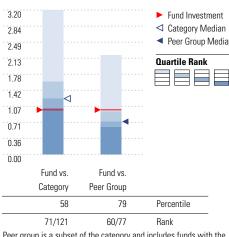
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

#### **ESG Metrics**

MetricRatingUpdatedSustainability Rating303-31-2024







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

0.96 89.39 16.03 0.51 4.80 Information Ratio -0.22 0.14 Up Capture Ratio 105.54 98.62 Down Capture Ratio 112.80 90.53 **Portfolio Metrics** Fund Bmark Cat D ... 40.07 7 00

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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Cat

1.68

Morningstar Category Morn

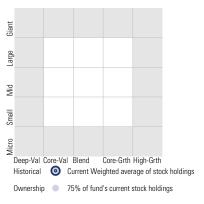
Commodities Broad Basket

Morningstar Index

et Bloomberg Commodity TR USD

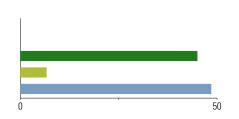
# PIMCO Commodity Real Ret Strat Instl PCRIX

Style Analysis as of 03-31-2024 Morningstar Style Box™



Large Mid

Small



	100.00	100.00
Other	48.47	24.10
Cash	6.58	47.89
Bonds	44.94	26.63
Non-US Stocks	0.00	0.49
US Stocks	0.00	0.89
Asset Class	Net %	Cat%

#### Sector Weighting as of 03-31-2024

Asset Allocation as of 03-31-2024

		otor morgining abor oo c	1 2021													
			Fund	Bmark	Cat	Fund		• Bend	hmark	Cate	gory Av	verage				
holdings	Դ	Cyclical	-	_	44.68									[		
gs	A	Basic Materials	-	-	44.68									0		
	<b>A</b>	Consumer Cyclical	-	-	0.00	Ì										
	<del>,</del>	Financial Services	-	_	0.00	0										
	<b>fit</b>	Real Estate	-	_	0.00	Û										
	W.	Sensitive	-	-	51.07											
		Communication Services	-	-	0.00	Ì										
	0	Energy	-	_	48.94											
	\$	Industrials	-	-	2.13	[										
		Technology	-	_	0.00	Ì										
		Defensive	-	_	4.26	[	]									
	E	Consumer Defensive	-	_	4.26	[										
	•	Healthcare	-	-	0.00	ļ										
		Utilities	-	_	0.00	0										
						0%	5	10	15 2	0 25	30	35	40	45	50	55
			% Net Ass	et	Cumulat	tive %		YTD R	eturn 9	6 Mo	ningsta	ar Sect	or			
											•					

Top 0 Holdings as of 03-31-2024

Style Breakdown Equity

Value Blend Growth

>50 25-50 10-25 0-10

Weight %

Name

Total Holdings 0

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

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Morningstar Category Morningstar Index

Commodities Broad Basket Bloomberg Commodity TR USD

## PIMCO Income Insti PIMIX

### Portfolio Manager(s)

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

#### Quantitative Screens

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

*Management:* The fund's management has been in place for 17.02 years.

Style Consistency is not calculated for Fixed Income funds.

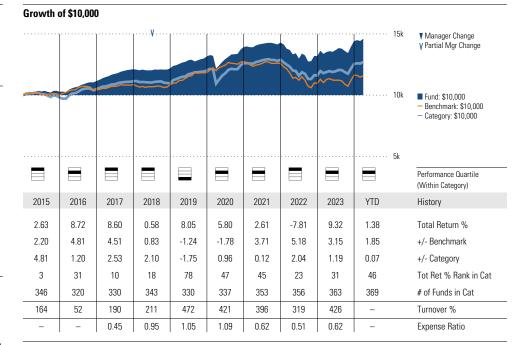
Net Expense: The fund's expense ratio of 0.62 is 36.73% lower than the Multisector Bond category average.

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

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

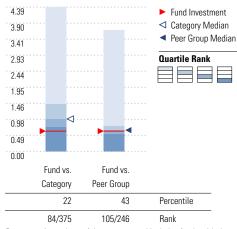
#### **ESG Metrics**

Metric	Rating	Updated
Wellic	nauny	Opualeu
Sustainability Rating	4	03-31-2024









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 3.36 2.01 0.82 0 78 Beta R-Squared 85.61 77.04 Standard Deviation 6.30 7 15 6 35 Sharpe Ratio -0.18 -0.68 -0.38 Tracking Error 2.73 3.54 Information Ratio 1.37 0.72 Up Capture Ratio 93.41 81.29 Down Capture Ratio 58.96 61.76 Dentielle Medule

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

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Morningstar Category Mo

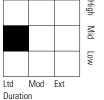
Multisector Bond

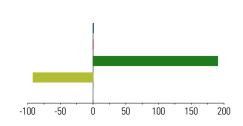
Morningstar Index

Bloomberg US Universal TR USD

## PIMCO Income Insti PIMIX

#### Style Analysis as of 03-31-2024 Style Breakdown Fixed Income Quality 플





Total	100.00	100.00
Other	0.11	-3.97
Cash	-91.70	-4.46
Bonds	190.45	107.11
Non-US Stocks	0.32	0.14
US Stocks	0.81	1.19
Asset Class	Net %	Cat%

**Morningstar Index** 

Bloomberg US Universal TR USD

Morningstar Category

Multisector Bond

### Sector Weighting as of 03-31-2024

Asset Allocation as of 03-31-2024

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

	Fund	Bmark	Cat	Fund	<ul> <li>Benchmark</li> </ul>	Catego	ry Average	
Government	37.37	-	26.65			· ·	]	
Treasury	1.73	-	9.17		0			
Inflation – Protected	2.59	-	0.72					
Agency/Quasi Agency	0.02	-	0.45	0				
Other Government Related	33.03	-	16.31					
Corporate	3.04	-	34.57					
Corporate Bond	2.40	-	29.43					
Bank Loan	0.61	_	2.97					
Convertible	0.02	-	0.59	10				
Preferred	0.01	-	1.58					
Securitized	25.27	-	26.92					
Agency MBS Pass-Through	13.92	-	10.06					
Agency MBS ARM	0.00	-	0.07	0				
Agency MBS CMO	0.12	-	1.54	i []				
Non-Agency Residential MBS	3.70	-	3.64					
Commercial MBS	0.31	-	2.37					
Asset-Backed	7.22	-	9.24					
Covered Bond	0.00	-	0.00	0				
Municipal	0.02	_	0.29	0				
Cash & Equivalents	24.48	_	9.02		0			
Other	9.65	_	2.56					

% Net Asset

Cumulative %

Fixed Income Sector

Maturity Date

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

#### Name

#### Total Holdings 0

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



## PIMCO International Bond (USD-Hdg) Instl PFORX

Updated

03-31-2024

Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 9.52 years.

Style Consistency is not calculated for Fixed Income funds.

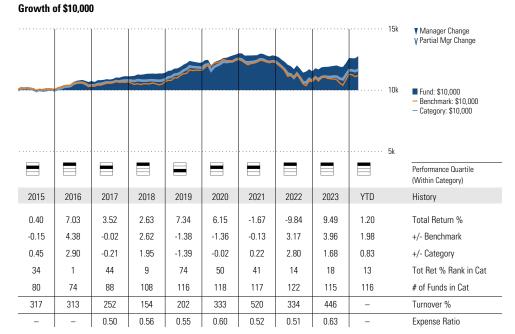
Net Expense: The fund's expense ratio of 0.63 is 11.27% lower than the Global Bond-USD Hedged category average.

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

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

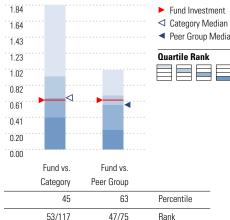
Metric Rating Sustainability Rating 3



Morningstar Category

Global Bond-USD Hedged





Sharpe Ratio -0.62 -0 72 Tracking Error 3.77 Information Ratio 0.61 Up Capture Ratio 65.51 Down Capture Ratio 52.18

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

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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3.00

0.27

83.18

80.15

Morningstar Index

Bloomberg US Agg Bond TR USD

# PIMCO International Bond (USD-Hdg) Instl PFORX

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





Duration

_				
-50	Ó	50	100	150

Asset Allocation as of 03-31-2024

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

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

	Fund	Bmark	Cat	Fund		• Be	nchma	rk (	] Categ	orv Av	/erade				
Government	50.90	_	41.20									1			
Treasury	9.48	_	30.36							0					
Inflation – Protected	1.02	_	0.90												
Agency/Quasi Agency	0.24	-	2.93	10											
Other Government Related	40.16	-	7.01		1										
Corporate	1.52	-	10.81			[									
Corporate Bond	1.44	-	10.45			0									
Bank Loan	0.08	-	0.28	0											
Convertible	0.00	-	0.06	0											
Preferred	0.00	-	0.02												
Securitized	10.34	-	5.36		0										
Agency MBS Pass-Through	6.32	-	3.16												
Agency MBS ARM	0.00	-	0.00												
Agency MBS CMO	0.01	-	0.24	0											
Non-Agency Residential MBS	1.07	-	0.19												
Commercial MBS	0.14	-	0.25	0											
Asset-Backed	1.90	-	1.10	0											
Covered Bond	0.90	-	0.42	0											
Municipal	0.03	-	0.03	0											
Cash & Equivalents	20.61	_	19.81					0							
Other	16.57	-	22.79						0						
				0%	5	10	15	20	25	30	35	40	45	50	5

% Net Asset

Cumulative %

Fixed Income Sector

Maturity Date

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

Name

#### Total Holdings 0

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



**Morningstar Category** Global Bond-USD Hedged

**Morningstar Index** 

Bloomberg US Agg Bond TR USD

### Vanguard 500 Index Admiral VFIAX

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 6.34 years.

Style: The fund has landed in its primary style box — Large Blend — 90.91 % 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.

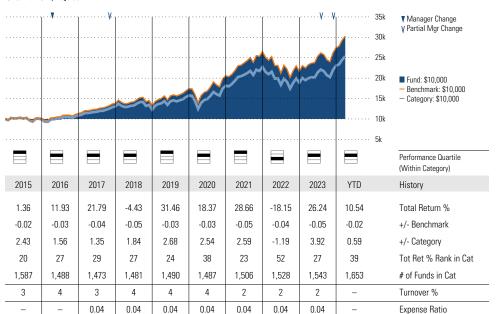
#### **Morningstar Investment Management LLC Analysis**

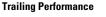
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

#### **ESG Metrics**

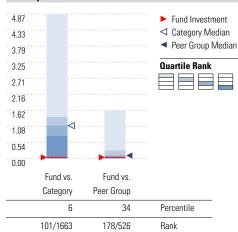
Metric	Rating	Updated
Sustainability Rating	3	03-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022











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

# of Funds in Category **3-Year Risk Metrics** Fund Bmark Cat Alpha -0.04 -0.96 1 00 0.94 Beta \_ R-Squared 100.00 94.59 Standard Deviation 17 60 17 60 16.99 Sharpe Ratio 0 54 0 54 0.45 Tracking Error 0.00 3.62 Information Ratio -11.57 -1.36 Up Capture Ratio 99.91 92.17 Down Capture Ratio 100.07 96.02 Deutfelie Metuiee

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

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Morningstar Index

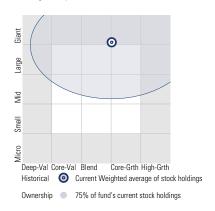
Morningstar Category

Large Blend

S&P 500 TR USD

## Vanguard 500 Index Admiral VFIAX

**Style Analysis** as of 03-31-2024 Morningstar Style Box™







#### Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings as of 03-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
➔ Microsoft Corp	7.09	7.09	_	Technology
€ Apple Inc	5.64	12.73	-	Technology
	5.06	17.79	-	Technology
Amazon.com Inc	3.74	21.52	-	Consumer Cyclical
$oldsymbol{ heta}$ Meta Platforms Inc Class A	2.42	23.95	-	Communication Svc
€ Alphabet Inc Class A	2.02	25.96	-	Communication Svc
$oldsymbol{eta}$ Berkshire Hathaway Inc Class B	1.73	27.70	-	Financial Services
∋ Alphabet Inc Class C	1.70	29.40	-	Communication Svc
$oldsymbol{eta}$ Eli Lilly and Co	1.41	30.80	-	Healthcare
€ Broadcom Inc	1.32	32.13	-	Technology
Đ JPMorgan Chase & Co	1.31	33.44	-	Financial Services
$ m egin{array}{c} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	1.10	34.54	-29.25	Consumer Cyclical
Đ Exxon Mobil Corp	1.05	35.59	-	Energy
$ m egin{array}{c} & egin{a$	1.04	36.63	_	Healthcare
🕀 Visa Inc Class A	0.99	37.62	_	Financial Services

Asset Allocation as of 03-31-2024

Sector Weighting as of 03-31-2024

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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

50

Fund

27.59

2.15

10.51

12.66

2.27

51.81

8.95

3.96

8.30

30.60

20.59

5.93

12.46

2.20

Bmark

27.72

2.09

10.79

12 53

2.31

51.66

8.89

3.71

8.23

30.83

20.62

5.93

12.56

2.13

100

#### Total Holdings 508

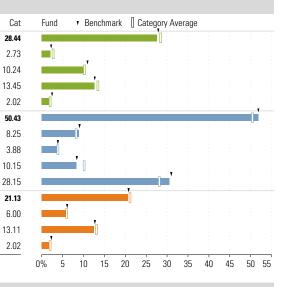
 $\oplus$  Increase  $\oplus$  Decrease R New to Portfolio



 Morningstar Category
 Morningstar Index

 Image Blend
 S&P 500 TR USD

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

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

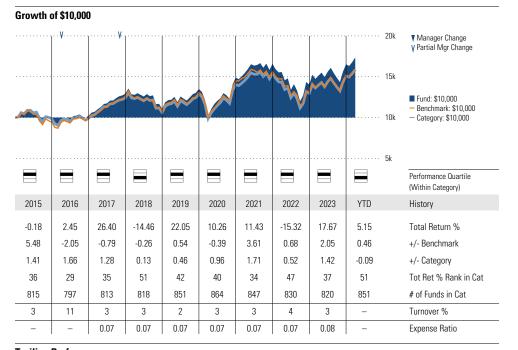
Net Expense: The fund's expense ratio of 0.07 is
 91.95% lower than the Foreign Large Blend category average.

#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

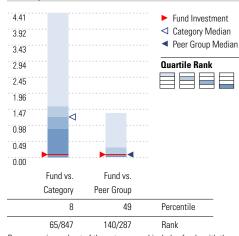
Metric	Rating	Updated
Sustainability Rating	2	03-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



**Morningstar Category** 

Foreign 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.

# of Funds in Category **3-Year Risk Metrics** Fund Bmark Cat Alpha 1.96 0.84 1 01 Beta 1 07 \_ 97.03 **R-Squared** 93.34 Standard Deviation 17 90 16 42 17 25 Sharpe Ratio 0.14 0.02 0.07 Tracking Error 3.32 4.44 Information Ratio 0.61 0.22 Up Capture Ratio 114.56 105.47 Down Capture Ratio 106.51 102.40

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 15 54 15.34 15.88 Price/Book Ratio 1.71 1.81 1.94 Geom Avg Mkt Cap \$B 34 22 49.00 59.06 ROE 16.63 17.61 19.98

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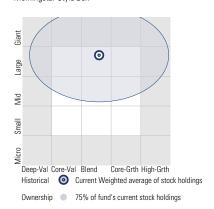


Morningstar Index

MSCI ACWI Ex USA NR USD

# Vanguard Developed Markets Index Admiral VTMGX

Style Analysis as of 03-31-2024 Morningstar Style Box™





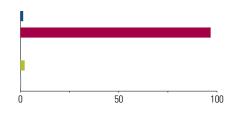


Weight %

<25

>50 25-50 10-25 0-10

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

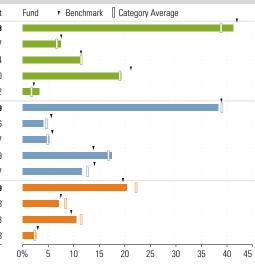


#### Sector Weighting as of 03-31-2024

Asset Allocation as of 03-31-2024

		Fund	Bmark	Cat
Դ	Cyclical	41.29	41.78	38.83
æ.	Basic Materials	7.46	7.41	6.67
æ	Consumer Cyclical	11.23	11.28	11.44
цф	Financial Services	19.35	21.05	19.00
ŵ	Real Estate	3.25	2.04	1.72
$\sim$	Sensitive	38.34	38.74	38.99
g	Communication Services	4.04	5.46	4.66
•	Energy	5.28	5.66	4.87
Ф	Industrials	17.43	13.71	16.79
	Technology	11.59	13.91	12.67
	Defensive	20.38	19.49	22.19
F	Consumer Defensive	7.13	7.32	8.38
٠	Healthcare	10.55	9.36	11.43
9	Utilities	2.70	2.81	2.38
-				

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



	Greater Asia	Fund % 36.14	Cat % 34.61	Americas	Fund % 10.40	Cat % 8.86	Greater Europe	Fund % 53.46	Cat % 56.52	Market Maturity	Fund %
	Japan	22.07	19.30	North America	10.38	7.63	United Kingdom	11.56	13.36	Developed Markets	99.42
	Australasia	6.73	4.69	Central/Latin	0.02	1.23	W euro-ex UK	40.93	42.23	Emerging Markets	0.58
	Asia-4 Tigers	7.17	6.32				Emrgng Europe	0.37	0.09	Not Available	0.00
	Asia-ex 4 Tigers	0.17	4.30				Africa	0.60	0.84		
	Not Classified	0.00	0.00								
>75											

Top 10 Holdings as of 03-31-2024

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ Novo Nordisk A/S Class B	1.70	1.70	_	Healthcare
	1.64	3.33	-	Technology
€ Slcmt1142	1.52	4.85	-	-
Đ Toyota Motor Corp	1.29	6.14	-	Consumer Cyclical
$\oplus$ Samsung Electronics Co Ltd	1.22	7.37	-	Technology
$\oplus$ Nestle SA	1.21	8.58	_	Consumer Defensive
earrow Lvmh Moet Hennessy Louis Vuitton SE	0.95	9.53	-	Consumer Cyclical
$\ni$ Shell PLC	0.92	10.46	-	Energy
€ SAP SE	0.91	11.37	-	Technology
$\oplus$ Novartis AG Registered Shares	0.86	12.23	-	Healthcare

🕀 Increase 👄 Decrease 🕸 New to Portfolio

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

### Vanguard Growth Index Admiral VIGAX

#### Portfolio Manager(s)

Gerard O'Reilly since 12-1994 Walter Nejman since 04-2016

#### Quantitative Screens

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

*Management:* The fund's management has been in place for 29.27 years.

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

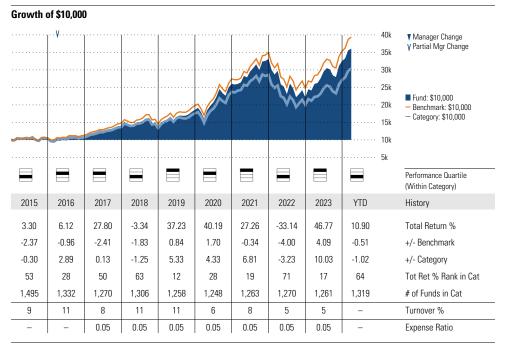
Net Expense: The fund's expense ratio of 0.05 is 94.62% lower than the Large Growth category average.

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

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

#### **ESG Metrics**

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

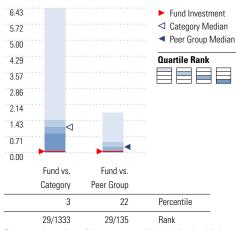


Morningstar Category

Large 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.

007				
3-Year Risk Metrics				
	Fund	Bmark	Cat	
Alpha	-1.98	-	-4.06	
Beta	1.06	-	0.99	
R-Squared	99.34	-	92.99	
Standard Deviation	22.37	21.06	21.63	
Sharpe Ratio	0.45	0.53	0.34	
Tracking Error	2.20	-	5.74	
Information Ratio	-0.72	-	-0.81	
Up Capture Ratio	101.69	-	91.24	
Down Capture Ratio	107.80	-	104.54	

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	36.38	33.46	34.39
Price/Book Ratio	10.09	11.23	9.06
Geom Avg Mkt Cap \$B	541.46	477.55	492.48
ROE	39.49	42.00	38.04

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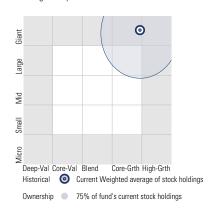


Morningstar Index

Russell 1000 Growth TR USD

## Vanguard Growth Index Admiral VIGAX

Style Analysis as of 03-31-2024 Morningstar Style Box™







#### Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings as of 03-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Microsoft Corp	12.97	12.97	_	Technology
	10.43	23.40	-	Technology
NVIDIA Corp	8.88	32.29	_	Technology
🕀 Amazon.com Inc	6.97	39.26	_	Consumer Cyclical
$oldsymbol{ m  ilde{D}}$ Meta Platforms Inc Class A	4.45	43.72	-	Communication Svc
$ onumber \in \mathbb{R}^n$ Alphabet Inc Class A	3.67	47.39	-	Communication Svc
igeq Alphabet Inc Class C	3.03	50.42	_	Communication Svc
	2.77	53.20	_	Healthcare
	1.98	55.18	-29.25	Consumer Cyclical
$\oplus$ Visa Inc Class A	1.79	56.96	-	Financial Services
➔ Mastercard Inc Class A	1.67	58.64	-	Financial Services
Đ Costco Wholesale Corp	1.36	59.99	_	Consumer Defensive
Advanced Micro Devices Inc	1.22	61.21	_	Technology
€ Salesforce Inc	1.16	62.36	_	Technology
➔ Netflix Inc	1.07	63.43	_	Communication Svc

#### Total Holdings 202

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

0

Asset Allocation as of 03-31-2024

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3

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Energy

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F

Utilities

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

#### Asset Class Net % Cat% US Stocks 99.58 93.88 Non-US Stocks 0.23 4.16 Bonds 0.00 0.01 Cash 0.20 0.85 0.00 Other 1.11 Total 100.00 100.00

### Benchmark [] Category Average Fund i) Ì Ì. 0% 5 10 15 20 25 30 35 40 45 50 55 60 65 70

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**Morningstar Category** 

Large Growth

Morningstar Index

Russell 1000 Growth TR USD

50 100 Sector Weighting as of 03-31-2024 Fund Bmark Cat Cyclical 23.77 22.72 25.16 Basic Materials 1.82 0.64 1.19 Consumer Cyclical 14.61 15.17 14.47

5.88

1.46

66.31

13.73

1.14

3.80

47 64

9.92

2.18

7.74

0.00

6.06

0.85

62.66

11.69

0.45

4.99

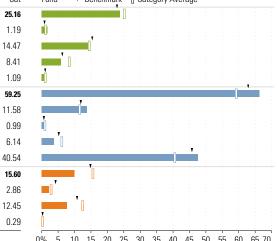
45.53

14.62

4.01

10.56

0.05



## Vanguard Inflation-Protected Secs Adm VAIPX

#### Portfolio Manager(s)

John Madziyire since 11-2021

#### **Quantitative Screens**

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

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

Style Consistency is not calculated for Fixed Income funds.

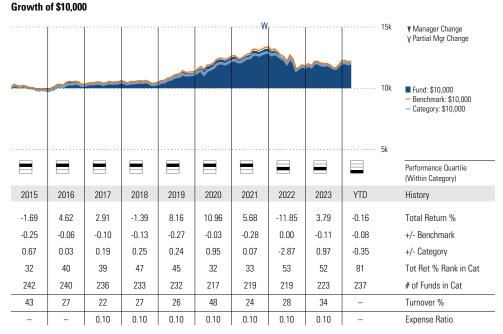
Net Expense: The fund's expense ratio of 0.1 is 83.87% lower than the Inflation-Protected Bond category average.

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024



**Morningstar Category** 

Inflation-Protected Bond





Portfolio Metrics						
	Fund	Bmark	Cat			
Avg Eff Duration	6.72	4.52	6.27			
Avg Eff Maturity	7.20	-	7.18			

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

20/148

14

Percentile

Rank

characteristics.

Fund vs Peer Group

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Fund vs

Category 11

26/233

0.00



Morningstar Index Bloomberg US Treasury US TIPS TR

USD

## Vanguard Inflation-Protected Secs Adm VAIPX

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





Duration

1		
0	50	100

Total	100.00	100.00
Other	0.00	0.55
Cash	0.08	2.92
Bonds	99.92	96.30
Non-US Stocks	0.00	0.00
US Stocks	0.00	0.23
Asset Class	Net %	Cat%

#### Sector Weighting as of 03-31-2024

Asset Allocation as of 03-31-2024

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	99.87	0.00	29.65
AA	0.00	99.60	67.50
A	0.00	0.00	0.83
BBB	0.00	0.00	1.33
BB	0.00	0.00	0.04
В	0.00	0.00	0.01
Below B	0.00	0.00	0.11
Not Rated	0.13	0.40	0.53

	Fund	Bmark	Cat	Fund	<ul> <li>Benchmark</li> </ul>	Category Average
Government	99.92	-	87.85			
Treasury	0.00	-	0.26			
Inflation – Protected	99.92	-	81.33			
Agency/Quasi Agency	0.00	-	0.08			
Other Government Related	0.00	-	6.18	1		
Corporate	0.00	-	1.05	1		
Corporate Bond	0.00	-	1.02	0		
Bank Loan	0.00	-	0.03	0		
Convertible	0.00	-	0.00			
Preferred	0.00	-	0.00	ĺ		
Securitized	0.00	-	3.74			
Agency MBS Pass-Through	0.00	-	1.55	10		
Agency MBS ARM	0.00	-	0.00			
Agency MBS CMO	0.00	-	0.23			
Non-Agency Residential MBS	0.00	-	0.08	[		
Commercial MBS	0.00	-	0.18	0		
Asset-Backed	0.00	-	1.59	10		
Covered Bond	0.00	-	0.11	[		
Municipal	0.00	-	0.00			
Cash & Equivalents	0.08	-	7.24	[		
Other	0.00	-	0.11			

0% 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 9**5**00

#### Top 10 Holdings as of 03-31-2024 Name Maturity Date % Net Asset Cumulative % Fixed Income Sector ⊕ United States Treasury Notes 4.13 4.13 \_ United States Treasury Notes 3.77 7.89 \_ ⊕ United States Treasury Notes 3.70 11.59 \_ ⊖ United States Treasury Notes 3.56 15.15 \_ ⊖ United States Treasury Notes 3.55 18.70 \_ ⊖ United States Treasury Notes 3.52 22.22 \_ \_ United States Treasury Notes 3.37 25.59 \_ United States Treasury Notes 3.30 28.89 \_ ⊖ United States Treasury Notes 3.27 32.16 \_ € United States Treasury Notes 3.25 35.41 \_

#### Total Holdings 50

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

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Morningstar Category Inflation-Protected Bond

Morningstar Index Bloomberg US Treasury US TIPS TR USD

## Vanguard International Growth Adm VWILX

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 14.27 years.

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

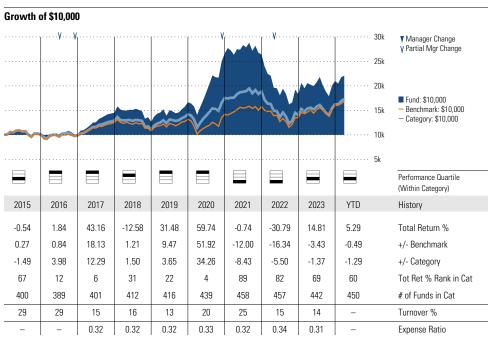
Net Expense: The fund's expense ratio of 0.31 is 69.31% lower than the Foreign Large Growth category average.

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

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

#### **ESG Metrics**

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



Alpha

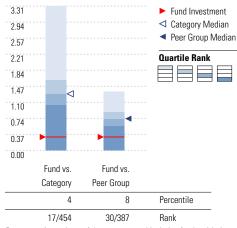
Beta

R-Squared

Sharpe Ratio

Down Capture Ratio





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

as of 03-31-2024 15 Fund Benchmark 10 Category 5 0 -5 -10 Average annual, if greater than 1 year Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund Bmark Cat -10.67 -5.14 1 21 1 1 1 79.64 87.35 Standard Deviation 22.89 16 86 20.04 -0.28 0 19 -0.06 Tracking Error 10.93 7.46 Information Ratio -0.96 -0.67 Up Capture Ratio 89.52 97.59

135.16

**Total Return %** 

Portfolio Metrics								
	Fund	Bmark	Cat					
Price/Earnings Ratio	25.18	15.76	23.85					
Price/Book Ratio	3.73	1.86	3.69					
Geom Avg Mkt Cap \$B	67.06	54.55	71.97					
ROE	20.84	18.63	24.29					

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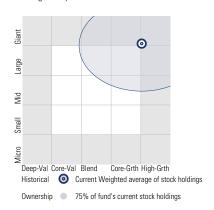
120.05

Morningstar Category Morningstar Index Foreign Large Growth

MSCI EAFE NR USD

# Vanguard International Growth Adm VWILX

Style Analysis as of 03-31-2024 Morningstar Style Box™







Weight %

<25

>50 25-50 10-25 0-10

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

0	 

Fund

29.11

0.57

19.91

8 63

0.00

51.31

7.79

1.77

14.01

27 74

19.57

4.17

14.82

0.58

Asset Allocation as of 03-31-2024

Sector Weighting as of 03-31-2024

Basic Materials

Consumer Cyclical

**Financial Services** 

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

Դ Cyclical

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Energy

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F

Utilities

#### % Cat% 33 8.46 19 88.62 Bonds 0.00 0.10 Cash 2.66 2.02 Other 0.82 0.79 100.00 Total 100.00

#### Benchmark [] Category Average Cat Fund **Bmark** 40.16 33.90 6.71 7.12 11.76 13.02 18 84 13.84 2.44 0.33 35.50 45.39 4.41 3.72 3.02 4.19 16.71 18.40 10.19 20.25 24.34 20.69 8.56 6.81 12.89 13.31 2.89 0.57 0% 5 10 15 20 25 30 35 40 45 50 55

Fund % Cat % Fund % Cat % Fund % Cat % Greater Asia 24.86 26.05 Greater Europe 47.60 57.43 Market Maturity Americas 27.53 16.51 Fund % 13.86 12.04 83.80 Japan 6.55 12.82 North America 20.81 United Kingdom 7.19 **Developed Markets** Australasia 1.27 1.65 Central/Latin 6.72 2.65 W euro-ex UK 40.02 44.84 Emerging Markets 16.20 Asia-4 Tigers 7.56 5.43 Emrgng Europe 0.00 0.03 Not Available 0.00 Asia-ex 4 Tigers 9.48 6.15 Africa 0.39 0.52 Not Classified 0.00 0.00 >75 50-75

Top 10 Holdings as of 03-31-2024

25-50

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\ominus$ ASML Holding NV	4.92	4.92	_	Technology
⇒ MercadoLibre Inc	4.46	9.38	-	Consumer Cyclical
$oldsymbol{\oplus}$ Taiwan Semiconductor Manufacturing Co Ltd	4.31	13.69	-	Technology
Adyen NV	3.85	17.55	-	Technology
⇒ Spotify Technology SA	3.81	21.36	-	Communication Svc
⊖ NVIDIA Corp	3.26	24.62	-	Technology
∋ Ferrari NV	2.33	26.94	-	Consumer Cyclical
ightarrow Tencent Holdings Ltd	2.31	29.25	-	Communication Svc
Atlas Copco AB Class A	2.29	31.54	-	Industrials
∋ Moderna Inc	2.18	33.72	-	Healthcare

#### Total Holdings 168

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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Morningstar Index **Morningstar Category** Foreign Large Growth

MSCI EAFE NR USD

Asset Class	Net
US Stocks	19.3
Non-US Stocks	77.1

### 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 Shirley Woo since 10-2020

#### Quantitative Screens

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

*Management:* The fund's management has been in place for 13.85 years.

× Style: The fund has landed in its primary style box — Large Value - 18.18 % of the time over the past three years.

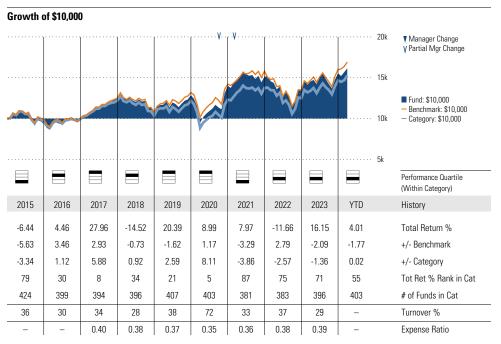
Net Expense: The fund's expense ratio of 0.39 is 59.79% lower than the Foreign Large Value category average.

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

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

#### **ESG Metrics**

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







Alpha

Beta

4.03 Fund Investment Category Median 3.58 Peer Group Median 3.13 2.69 Quartile Rank 2.24 1.79 1.34 0.90 0.45 0.00 Fund vs Fund vs Peer Group Category 8 11 Percentile 33/409 34/315 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.

Category 10 5 Λ 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 -1.61 0.53 0.97 0.96 R-Squared 91.00 87.90 Standard Deviation 17 22 16 86 17 21 Sharpe Ratio 0.08 0 19 0.20 Tracking Error 5.18 6.08 Information Ratio -0.36 0.05 Up Capture Ratio 90.78 93.74 Down Capture Ratio 97.40 91.73 **Portfolio Metrics** Fund Bmark Cat

**Total Return %** 

as of 03-31-2024

Benchmark

Fund

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

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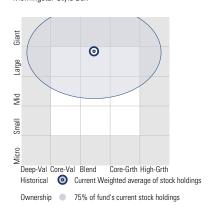
**Morningstar Category** Morningstar Index

Foreign Large Value

MSCI EAFE NR USD

## Vanguard International Value Inv VTRIX

Style Analysis as of 03-31-2024 Morningstar Style Box™







Weight %

>50 25-50 10-25 0-10

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

-		
0	50	100

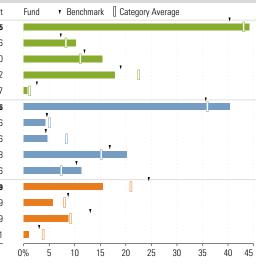
#### Sector Weighting as of 03-31-2024

Asset Allocation as of 03-31-2024

		Fund	Bmark	Cat
Դ	Cyclical	44.19	40.16	43.05
<i>.</i>	Basic Materials	10.19	7.12	8.26
A	Consumer Cyclical	15.44	11.76	11.10
цф	Financial Services	17.83	18.84	22.52
ŵ	Real Estate	0.73	2.44	1.17
w	Sensitive	40.34	35.50	35.96
g	Communication Services	4.26	4.41	5.06
0	Energy	4.62	4.19	8.36
¢	Industrials	20.19	16.71	15.18
	Technology	11.27	10.19	7.36
-	Defensive	15.47	24.34	20.99
F	Consumer Defensive	5.68	8.56	7.99
٠	Healthcare	8.74	12.89	9.19
2	Utilities	1.05	2.89	3.81

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

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



Grea	ter Asia	Fund % 36.65	Cat % 30.37	Americas	Fund % 12.10	Cat % 8.65	Greater Europe	Fund % 51.25	Cat % 60.98	Market Maturity	Fund %
Japa	n	12.38	17.25	North America	6.95	7.54	United Kingdom	16.09	18.05	Developed Markets	81.96
Aust	ralasia	1.02	3.33	Central/Latin	5.15	1.11	W euro-ex UK	34.86	42.17	Emerging Markets	18.04
Asia-	-4 Tigers	10.66	7.19				Emrgng Europe	0.00	0.14	Not Available	0.00
Asia-	-ex 4 Tigers	12.59	2.60				Africa	0.30	0.62		
Not (	Classified	0.00	0.00								

Top 10 Holdings as of 03-31-2024

<25

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	3.85	3.85	_	_
$oldsymbol{eta}$ Taiwan Semiconductor Manufacturing Co Ltd	1.98	5.82	-	Technology
$\ni$ Ryanair Holdings PLC ADR	1.83	7.66	-	Industrials
	1.77	9.43	-	Communication Svc
⇒ Airbus SE	1.45	10.88	-	Industrials
onumber  onumber	1.32	12.20	-	Healthcare
i  Alibaba Group Holding Ltd Ordinary Shares	1.32	13.51	-	Consumer Cyclical
$\ni$ BP PLC	1.25	14.77	-	Energy
$\ni$ Relx PLC	1.13	15.90	-	Industrials
∋ SAP SE	1.08	16.98	_	Technology

### Total Holdings 262

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

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## Vanguard Mid-Cap Value Index Admiral VMVAX

Portfolio Manager(s)

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

#### Quantitative Screens

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

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

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

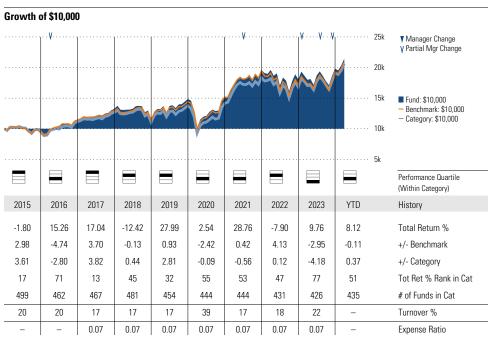
Net Expense: The fund's expense ratio of 0.07 is 92.78% lower than the Mid-Cap Value category average.

#### Morningstar Investment Management LLC Analysis

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

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	03-31-2024
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



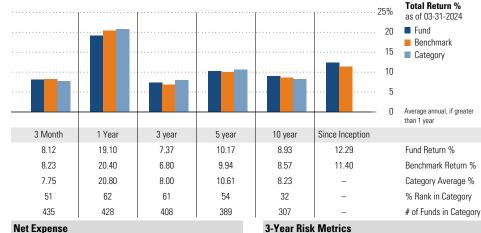
Morningstar Category

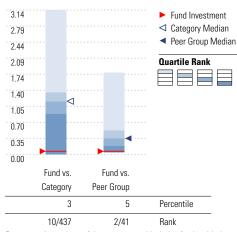
Mid-Cap Value

Morningstar Index

Russell Mid Cap Value TR USD







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

507				
3-Year Risk Metrics				
	Fund	Bmark	Cat	
Alpha	0.82	-	1.46	
Beta	0.95	-	0.94	
R-Squared	98.55	-	94.30	
Standard Deviation	18.45	19.34	18.78	
Sharpe Ratio	0.32	0.28	0.34	
Tracking Error	2.45	-	4.69	
Information Ratio	0.23	-	0.26	
Up Capture Ratio	97.09	-	95.44	
Down Capture Ratio	94.44	-	90.32	
Portfolio Metrics				
	Fund	Bmark	Cat	

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

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## Vanguard Mid-Cap Value Index Admiral VMVAX

Style Analysis as of 03-31-2024 Morningstar Style Box™





Weight %

>50 25-50 10-25 0-10

Value Blend Growth

#### Top 15 Holdings as of 03-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⇒ PACCAR Inc	1.57	1.57	27.15	Industrials
igodolog Arthur J. Gallagher & Co	1.31	2.88	11.46	Financial Services
igodolog Carrier Global Corp Ordinary Shares	1.20	4.08	1.18	Industrials
€ D.R. Horton Inc	1.19	5.27	8.47	Consumer Cyclical
∋ Nucor Corp	1.18	6.45	14.02	Basic Materials
$\ominus$ United Rentals Inc	1.17	7.62	26.04	Industrials
ONEOK Inc	1.13	8.75	15.58	Energy
∋ Allstate Corp	1.10	9.85	24.25	Financial Services
ightarrow Digital Realty Trust Inc	1.09	10.93	7.94	Real Estate
∋ Ferguson PLC	1.07	12.01	13.54	Industrials
$\ominus$ Ameriprise Financial Inc	1.06	13.07	15.79	Financial Services
igop Fidelity National Information Services Inc	1.06	14.13	24.09	Technology
∋ PG&E Corp	1.06	15.19	-6.99	Utilities
ightarrow Prudential Financial Inc	1.02	16.21	14.45	Financial Services
$\ominus$ Centene Corp	1.02	17.23	5.75	Healthcare

#### Total Holdings 198

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

50 100 0

Fund

41.65

8.04

7.43

18.16

8.02

31.61

2.57

3.53

15.98

953

26.74

7.19

8.36

11.19

Bmark

42.46

6.08

10.25

16.02

10.11

40.50

3.27

5.34

19.67

12.22

17.04

3.44

6.71

6.89

Asset Allocation as of 03-31-2024

Sector Weighting as of 03-31-2024

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

Դ Cyclical

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Energy

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Utilities

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

### Benchmark [] Category Average Fund 10 15 20 25 30 35 40 45 0% 5



**Morningstar Category** 

Mid-Cap Value

Cat

41.11

5.43

11.67

17.98

6.03

36.46

2.94

5.92

17.29

10.31

22.43

6.54

9.31

6.58

Morningstar Index

Russell Mid Cap Value TR USD

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

Management: The fund's management has been in place for 27.9 years.

Style: The fund has landed in its primary style box — Mid-Cap Blend — 90.91 % of the time over the past three years.

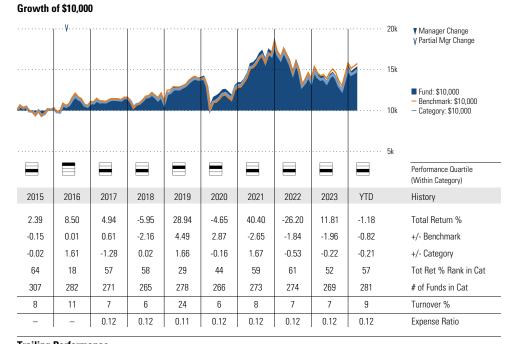
Net Expense: The fund's expense ratio of 0.12 is 88.68% lower than the Real Estate category average.

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

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

#### **ESG Metrics**

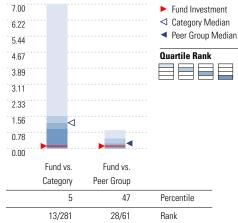
Metric	Rating	Updated
Sustainability Rating	3	03-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



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.

5.85	-	Category Average %				
48	-	% Rank in Category				
180	-	# of F	unds in Cate	gory		
3-Year Risk	Metrics					
		Fund	Bmark	Cat		
Alpha		-2.31	-	-1.78		
Beta		1.02	-	0.96		
R-Squared		98.78	-	95.06		
Standard Devia	tion	21.76	21.16	20.78		
Sharpe Ratio		0.05	0.15	0.06		
Tracking Error		2.45	-	4.12		
Information Rat	tio	-0.96	-	-0.55		
Up Capture Rat	io	98.44	-	92.99		
Down Capture	Ratio	105.86	_	98.86		

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 32.79 38 46 30.40 Price/Book Ratio 2.36 2.42 2.43 Geom Avg Mkt Cap \$B 23.92 935 34 75 ROE 12.67 9.56 16.19

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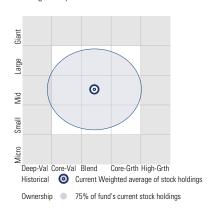


Morningstar Index

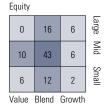
S&P United States REIT TR USD

### Vanguard Real Estate Index Admiral VGSLX

Style Analysis as of 03-31-2024 Morningstar Style Box™







Weight %

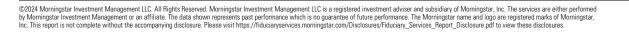
>50 25-50 10-25 0-10

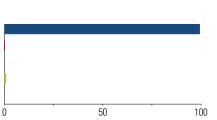
### Top 15 Holdings as of 03 21 2024

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

#### Total Holdings 162

⊕ Increase ⊖ Decrease 🕸 New to Portfolio





Fund

Bmark

Cat

Fund

100.00
7.90
3.39
3.07
1.44
84.21
Cat%

Benchmark [] Category Average

#### Sector Weighting as of 03-31-2024

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Energy

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Utilities

Cyclical	99.25	99.13	99.05		 					
Basic Materials	0.00	0.00	0.22	ĺ						
Consumer Cyclical	0.00	0.13	1.92	0						
Financial Services	0.00	0.00	0.45							
Real Estate	99.25	99.00	96.46	_						
Sensitive	0.75	0.87	0.80	0						
Communication Services	0.75	0.00	0.25	ĺ						
Energy	0.00	0.00	0.06							
Industrials	0.00	0.87	0.29	ľ						
Technology	0.00	0.00	0.20	l						
Defensive	0.00	0.00	0.16							
Consumer Defensive	0.00	0.00	0.06							
Healthcare	0.00	0.00	0.05	ĺ						
Utilities	0.00	0.00	0.05	İ						

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

**Morningstar Category** Real Estate

Morningstar Index S&P United States REIT TR USD

Asset Allocation as of 03-31-2024

### Vanguard Small Cap Value Index Admiral VSIAX

Portfolio Manager(s)

Gerard O'Reilly since 04-2016 Nick Birkett since 02-2023

#### 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 7.93 years.

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

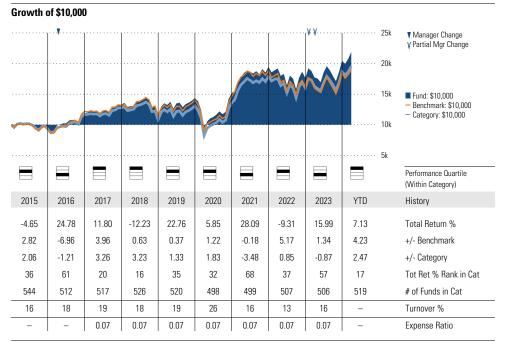
Net Expense: The fund's expense ratio of 0.07 is 93.69% lower than the Small Value category average.

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



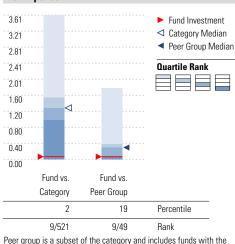
**Morningstar Category** 

Small Value

#### **Trailing Performance**



Net Expense



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

% Rank in Category # of Funds in Category **3-Year Risk Metrics** Fund Bmark Cat Alpha 4.96 3.39 0.92 0.93 Beta 96.54 **R-Squared** 93.14 Standard Deviation 20.22 21 49 20.62 Sharpe Ratio 0.30 0.07 0.22 Tracking Error 4.10 5.51 Information Ratio 1.24 0.62 Up Capture Ratio 102.20 98.44 Down Capture Ratio 86.44 87.92

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 14 60 11 84 14 40 Price/Book Ratio 1.82 1.29 1.64 Geom Avg Mkt Cap \$B 6 22 2 09 4 59 ROE 13.64 5.59 12.78

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Morningstar Index

Russell 2000 Value TR USD

**Total Return %** 

as of 03-31-2024 Fund

Benchmark

Average annual, if greater than 1 year

Benchmark Return %

Category Average %

Fund Return %

Category

### Vanguard Small Cap Value Index Admiral VSIAX

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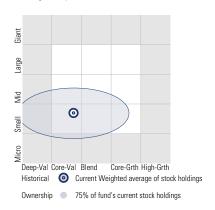
Energy

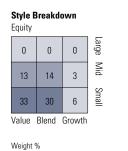
¢

F

Utilities

Style Analysis as of 03-31-2024 Morningstar Style Box™





>50 25-50 10-25 0-10

#### Top 15 Holdings as of 03-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Builders FirstSource Inc	0.78	0.78	_	Industrials
	0.66	1.45	_	-
$\ni$ Booz Allen Hamilton Holding Corp Class A	0.59	2.04	-	Industrials
$\ni$ Reliance Inc	0.59	2.63	-	Basic Materials
$\ominus$ Carlisle Companies Inc	0.58	3.20	-	Industrials
⊖ IDEX Corp	0.57	3.77	-	Industrials
€ First Citizens BancShares Inc Class A	0.54	4.32	_	Financial Services
∋ Atmos Energy Corp	0.51	4.83	_	Utilities
$\ni$ EMCOR Group Inc	0.51	5.34	-	Industrials
⊖ Jabil Inc	0.50	5.84	-	Technology
∋ Williams-Sonoma Inc	0.50	6.33	-	Consumer Cyclical
ightarrow RPM International Inc	0.47	6.81	-	Basic Materials
∋ NRG Energy Inc	0.47	7.28	_	Utilities
ightarrow Bunge Global SA	0.45	7.73	_	Consumer Defensive
$\ominus$ Owens-Corning Inc	0.45	8.18	_	Industrials

50

Fund

49.25

6.60

14.05

18.94

9.66

36.14

2.26

4.81

21.44

7.63

14.61

3.99

6.39

4.23

Bmark

51.38

5.13

11.29

22.88

12.08

31.96

2.15

9.12

13.21

7 48

16.65

3.26

9.68

3.71

Sector Weighting as of 03-31-2024

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

Consumer Defensive

#### Total Holdings 858

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

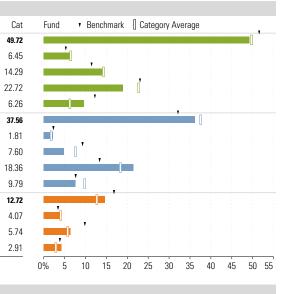
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Asset Allocation as of 03-31-2024

100

Asset Class	Net %	Cat%
US Stocks	98.13	93.03
Non-US Stocks	1.00	3.25
Bonds	0.00	0.03
Cash	0.87	3.42
Other	0.00	0.26
Total	100.00	100.00



#### **Morningstar Category** Small Value

**Morningstar Index** 

Russell 2000 Value TR USD

Portfolio Manager(s)

Quantitative Screens

been in existence.

place for 11.11 years.

**ESG Metrics** 

Sustainability Rating

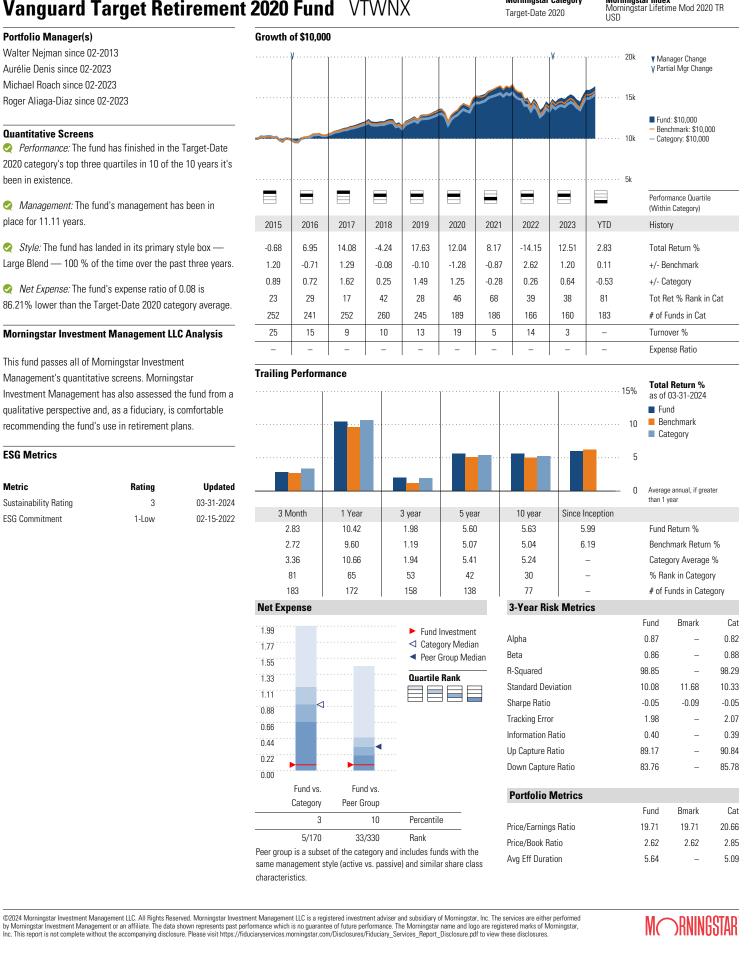
ESG Commitment

Metric

### Vanguard Target Retirement 2020 Fund VTWNX

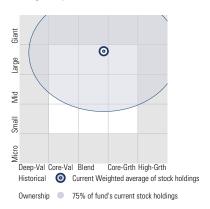
Morningstar Category

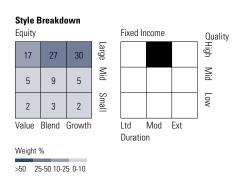
Morningstar Index Morningstar Lifetime Mod 2020 TR



### Vanguard Target Retirement 2020 Fund VTWNX

Style Analysis as of 03-31-2024 Morningstar Style Box™





# 100 0 50

Fund

34.00

4.47

10.88

15.74

2.91

46.41

6.99

4.62

11.79

23.01

19.59

6.08

11.04

2.47

Bmark

37.13

3.99

10.41

14.66

8.07

43.35

6.37

4.30

11.30

21.38

19.52

5.98

10.97

2.57

Cat

35.41

4.60

10.74

15.81

45.56

6.68

4.94

22.66

19.03

5.64

Asset Allocation as of 03-31-2024

Sector Weighting as of 03-31-2024

Basic Materials

Consumer Cyclical

**Financial Services** 

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

Consumer Defensive

Դ Cyclical

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Energy

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Utilities

Other		
0.1	0.05	8.34
Cash	3.18	2.34
Bonds	58.16	44.91
Non-US Stocks	15.35	16.09
US Stocks	23.25	28.33
Asset Class	Net %	Cat%

**Morningstar Category** 

Target-Date 2020

Morningstar Index Morningstar Lifetime Mod 2020 TR USD

#### Benchmark [] Category Average Fund 4.26 11.28 11.19 2.20 0% 10 15 20 25 30 35 40 45 50 5

#### Top 7 Holdings as of 03-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Bond Market II Idx Inv	_	33.26	33.26	_	_
$igodoldsymbol{ imes}$ Vanguard Total Stock Mkt Idx InstI PIs	-	23.32	56.58	_	-
igodoldoldoldoldoldoldoldoldoldoldoldoldol	-	15.84	72.41	_	-
🕀 Vanguard Total Intl Bd II Idx Insl	-	14.74	87.15	_	-
$\oplus$ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	12.07	99.22	-	-
⊕ Mktliq 12/31/2049	-	0.78	100.00	-	-
⊖ Us Dollar	-	0.00	100.00	-	-

#### Total Holdings 7



### Vanguard Target Retirement 2025 Fund VTTVX

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



#### Quantitative Screens

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

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

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 2025 category average.

#### Morningstar Investment Management LLC Analysis

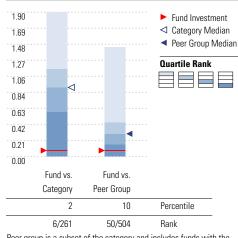
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

### **ESG Metrics**

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

Growth	of \$10,000	)								
	¥				[			¥	20k	▼ Manager Change γ Partial Mgr Change
					$\checkmark$			~~~	15k	<ul> <li>Fund: \$10,000</li> <li>Benchmark: \$10,000</li> <li>Category: \$10,000</li> </ul>
									5k	Performance Quartile (Within Category)
2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD	History
-0.85	7.48	15.94	-5.15	19.63	13.30	9.80	-15.55	14.55	3.81	Total Return %
1.21	-0.91	1.40	-0.25	0.27	-0.37	-0.30	2.03	2.40	0.75	+/- Benchmark
0.74	0.75	1.27	0.19	1.38	1.46	0.05	-0.36	1.79	0.11	+/- Category
24	23	21	42	22	40	57	52	11	47	Tot Ret % Rank in Cat
213	226	239	257	270	253	262	263	239	289	# of Funds in Cat
24	15	10	8	11	21	7	14	6	-	Turnover %
-	-	-	-	-	-	-	-	-	-	Expense Ratio





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

131	-	# of Funds in Category			
3-Year Risk Met	rics				
		Fund	Bmark	Cat	
Alpha		1.32	-	0.93	
Beta		0.92	-	0.86	
R-Squared		98.86	-	98.11	
Standard Deviation		11.65	12.58	10.97	
Sharpe Ratio		0.03	-0.06	-0.01	
Tracking Error		1.59	-	2.31	
Information Ratio		0.81	-	0.40	
Up Capture Ratio		96.64	-	89.22	
Down Capture Ratio		89.18	-	83.93	

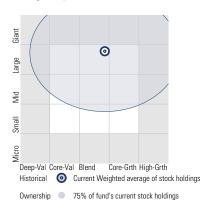
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.74	19.52	20.68
Price/Book Ratio	2.62	2.58	2.83
Avg Eff Duration	5.94	-	5.59

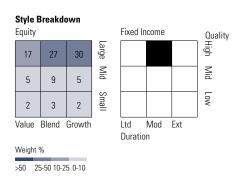
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## Vanguard Target Retirement 2025 Fund VTTVX

**Style Analysis** as of 03-31-2024 Morningstar Style Box™





# 

Fund

33.97

4.45

10.88

15.72

2.92

46.43

6.99

4.61

11.79

23.04

19.61

6.08

11.05

2.48

Bmark

37.16

4.09

10.49

14.82

7.76

43.29

6.34

4.33

11.42

21.20

19.55

6.01

10.96

2.58

Asset Allocation as of 03-31-2024

Sector Weighting as of 03-31-2024

Basic Materials

Consumer Cyclical

**Financial Services** 

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

Consumer Defensive

**b** Cyclical

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Energy

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Utilities

0.05	12.23
3.18	2.13
44.98	41.22
20.49	15.31
31.31	29.12
Net %	Cat%
	31.31 20.49 44.98

**Morningstar Category** 

Target-Date 2025

Morningstar Index Morningstar Lifetime Mod 2025 TR USD

#### Benchmark [] Category Average Fund Cat 35.15 4.19 10.76 15.42 4.78 45.64 6.92 4.60 11.10 23.02 19.22 5.73 11.10 2.39 0% 10 15 20 25 30 35 40 45 50 5

#### Top 7 Holdings as of 03-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\ominus$ Vanguard Total Stock Mkt ldx Instl PIs	_	31.40	31.40	_	_
$\oplus$ Vanguard Total Bond Market II Idx Inv	-	28.35	59.75	_	-
$\ominus$ Vanguard Total Intl Stock Index Inv	-	21.13	80.88	_	-
$\oplus$ Vanguard Total Intl Bd II Idx Insl	-	12.30	93.17	_	-
$\oplus$ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	5.80	98.97	-	_
⊕ Mktliq 12/31/2049	-	1.00	99.97	-	-
$\oplus$ Us Dollar	-	0.03	100.00	-	-

#### Total Holdings 7

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



been in existence.

place for 11.11 years.

**ESG Metrics** 

Sustainability Rating

Carbon Risk Score

ESG Commitment

Metric

### Vanguard Target Retirement 2030 Fund VTHRX

#### Morningstar Category Target-Date 2030 USD Portfolio Manager(s) Growth of \$10,000 Walter Nejman since 02-2013 20 Vanager Change Aurélie Denis since 02-2023 V Partial Mgr Change Michael Roach since 02-2023 15k Roger Aliaga-Diaz since 02-2023 Fund: \$10.000 - Benchmark: \$10,000 Quantitative Screens 10k - Category: \$10,000 *Performance:* The fund has finished in the Target-Date 2030 category's top three quartiles in 10 of the 10 years it's 5k \_\_\_\_ Performance Quartile Management: The fund's management has been in (Within Category) 2015 2016 2017 2018 2019 2020 2021 2022 2023 YTD History Style: The fund has landed in its primary style box — -1.03 7.85 17.52 -5.86 21.07 14.10 11.38 -16.27 16.03 4.54 Total Return % Large Blend — 100 % of the time over the past three years. 0.93 1.27 -1.41 -0.04 -0.17 0.41 -0.31 2.70 0.92 1.67 +/- Benchmark 1.63 1.00 0.76 0.52 0.95 0.39 1.11 -0.30 -0.26 0.01 +/- Category Net Expense: The fund's expense ratio of 0.08 is 87.1% 31 32 34 37 32 38 61 44 12 55 Tot Ret % Rank in Cat lower than the Target-Date 2030 category average. 247 237 248 258 241 233 # of Funds in Cat 254 242 242 279 **Morningstar Investment Management LLC Analysis** 24 16 9 9 8 21 6 11 3 \_ Turnover % \_ \_ \_ \_ Expense Ratio This fund passes all of Morningstar Investment **Trailing Performance** Management's quantitative screens. Morningstar **Total Return %** 15% Investment Management has also assessed the fund from a as of 03-31-2024 qualitative perspective and, as a fiduciary, is comfortable Fund Benchmark 10 recommending the fund's use in retirement plans. Category 5 Rating Updated Λ Average annual, if greater than 1 year 3 03-31-2024 3 Month 1 Year 5 year 10 veai Since Inception 3 yea Low Risk 12-31-2022 Fund Return % 4.54 14.78 3.34 7.36 6.87 6.74 02-15-2022 1-Low 3.62 12.01 1.93 6.18 6.06 6.75 Benchmark Return % 4 53 13 69 2 95 6.99 6 40 Category Average % \_ 55 24 33 36 23 % Rank in Category 279 267 251 206 136 # of Funds in Category Net Expense **3-Year Risk Metrics** Fund Bmark 1.90 Fund Investment Alpha 1.46 Category Median 1.69 0.94 Beta Peer Group Median 1.48 98.93 **R-Squared** 1.27 Quartile Rank 13.51 Standard Deviation 12 73 1.06 Sharpe Ratio 0.09 -0.01 0.84 Tracking Error 1.57 0.63 Information Ratio 0.91 0.42 Up Capture Ratio 98.29 0.2 Down Capture Ratio 90.71

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

43/433 Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

10

Percentile

Rank

Fund vs Peer Group

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Fund vs

Category 3

8/250



Cat

1.16

0.90

98.33

12 26

0.06

2.11

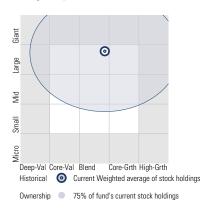
0.55

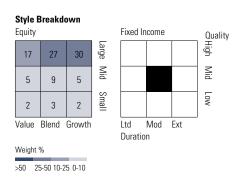
93.58

87.51

## Vanguard Target Retirement 2030 Fund VTHRX

**Style Analysis** as of 03-31-2024 Morningstar Style Box™





# 

Ullei		
Other	0.06	13.25
Cash	2.83	1.27
Bonds	35.98	31.38
Non-US Stocks	24.06	19.21
US Stocks	37.07	34.91
Asset Class	Net %	Cat%

Morningstar Category

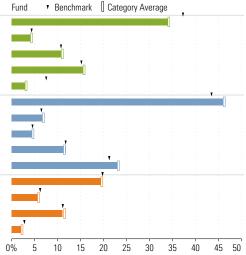
Target-Date 2030

Morningstar Index Morningstar Lifetime Mod 2030 TR USD

### Sector Weighting as of 03-31-2024

Asset Allocation as of 03-31-2024

		Fund	Bmark	Cat	
Դ	Cyclical	33.96	37.10	34.18	
æ.	Basic Materials	4.44	4.18	4.31	
	Consumer Cyclical	10.89	10.57	11.00	
ц.	Financial Services	15.71	15.00	15.74	
ŵ	Real Estate	2.92	7.35	3.13	
₩ <b>r</b>	Sensitive	46.45	43.31	46.22	
đ	Communication Services	7.00	6.30	6.90	
0	Energy	4.61	4.37	4.62	
¢	Industrials	11.77	11.58	11.49	
	Technology	23.07	21.06	23.21	
	Defensive	19.59	19.60	19.60	
F	Consumer Defensive	6.08	6.04	5.84	
٠	Healthcare	11.05	10.96	11.52	
9	Utilities	2.46	2.60	2.24	



#### Top 6 Holdings as of 03-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx InstI PIs	_	37.18	37.18	_	_
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	25.94	63.12	-	-
$\oplus$ Vanguard Total Intl Stock Index Inv	-	24.81	87.93	-	-
$\oplus$ Vanguard Total Intl Bd II ldx Insl	-	11.20	99.13	-	-
⊕ Mktliq 12/31/2049	-	0.88	100.02	-	-
🕀 Us Dollar	_	0.02	100.03	-	-

#### Total Holdings 6



### Vanguard Target Retirement 2035 Fund VTTHX

Portfolio Manager(s)

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

#### Quantitative Screens

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

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

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

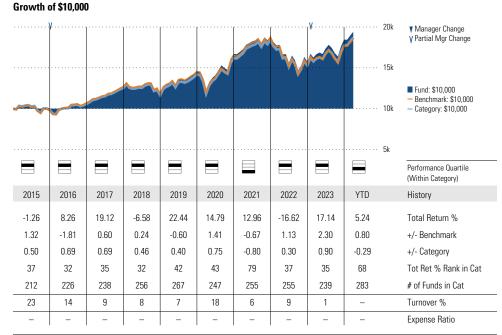
Net Expense: The fund's expense ratio of 0.08 is 86.89% lower than the Target-Date 2035 category average.

#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

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

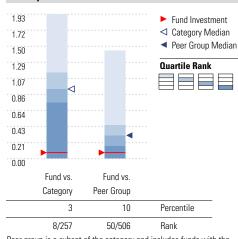


Morningstar Category

Target-Date 2035

#### **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 1.26 1.21 0.93 0.93 Beta \_ 98.98 **R-Squared** 98.39 Standard Deviation 13 56 14 44 13.59 Sharpe Ratio 0.14 0.06 0.14 Tracking Error 1.67 2.03 Information Ratio 0.70 0.58 Up Capture Ratio 96.98 96.90 Down Capture Ratio 90.93 91.12

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

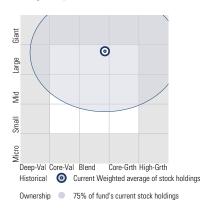
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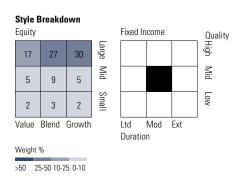


Morningstar Index Morningstar Lifetime Mod 2035 TR USD

### Vanguard Target Retirement 2035 Fund VTTHX

**Style Analysis** as of 03-31-2024 Morningstar Style Box™





# 

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

Morningstar Category

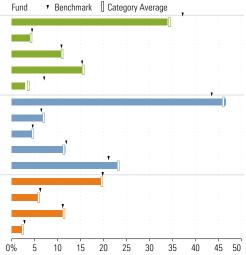
Target-Date 2035

Morningstar Index Morningstar Lifetime Mod 2035 TR USD

### Sector Weighting as of 03-31-2024

Asset Allocation as of 03-31-2024

		Fund	Bmark	Cat
Դ	Cyclical	33.82	37.03	34.35
æ.	Basic Materials	4.40	4.28	4.20
	Consumer Cyclical	10.87	10.67	10.97
ц.	Financial Services	15.64	15.17	15.56
ŵ	Real Estate	2.91	6.91	3.62
₩ <b>r</b>	Sensitive	46.55	43.34	46.03
đ	Communication Services	7.02	6.29	6.94
$\mathbf{\diamond}$	Energy	4.59	4.41	4.57
Ф	Industrials	11.72	11.72	11.34
	Technology	23.22	20.92	23.18
	Defensive	19.62	19.64	19.61
F	Consumer Defensive	6.07	6.06	5.85
٠	Healthcare	11.09	10.96	11.37
9	Utilities	2.46	2.62	2.39



### Top 6 Holdings as of 03-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
igodot Vanguard Total Stock Mkt ldx Instl PIs	_	42.33	42.33	-	-
$\oplus$ Vanguard Total Intl Stock Index Inv	-	27.12	69.45	-	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	20.67	90.12	-	-
$\oplus$ Vanguard Total Intl Bd II ldx Insl	-	8.95	99.07	-	-
⊕ Mktliq 12/31/2049	-	0.92	100.00	-	-
$\Theta$ Us Dollar	-	0.00	100.00	-	_

#### Total Holdings 6



### Vanguard Target Retirement 2040 Fund VFORX

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 2040 category's top three quartiles in 9 of the 10 years it's been in existence.

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

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

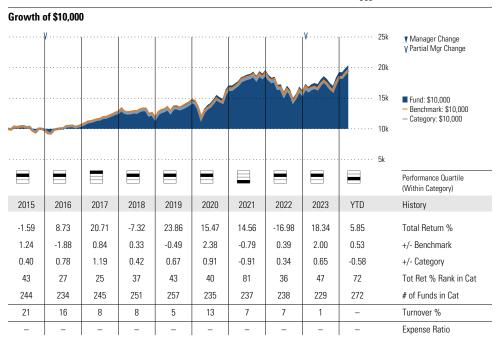
Net Expense: The fund's expense ratio of 0.08 is 87.69% lower than the Target-Date 2040 category average.

#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

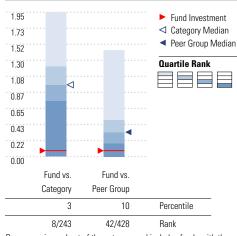
Metric	Rating	Updated
Sustainability Rating	3	03-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Morningstar Category

Target-Date 2040





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 Return % Category Average % % Rank in Category # of Funds in Category **3-Year Risk Metrics** Fund Bmark Cat Alpha 0.98 1.00 0.95 Beta 0.94 98.92 **R-Squared** 98.37 Standard Deviation 14.38 15 28 14 69 Sharpe Ratio 0.19 0.13 0.19 Tracking Error 1.78 2.10 Information Ratio 0.46 0.46 Up Capture Ratio 96.37 98.20 Down Capture Ratio 91.95 93.78

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

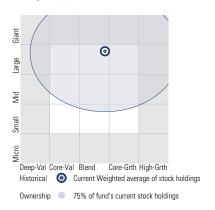
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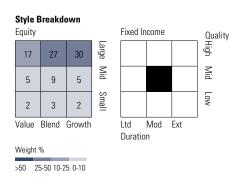


Morningstar Index Morningstar Lifetime Mod 2040 TR USD

## Vanguard Target Retirement 2040 Fund VFORX

**Style Analysis** as of 03-31-2024 Morningstar Style Box™





### Top 6 Holdings as of 03-31-2024

0			50

Fund

33.81

4.39

10.87

15.63

2.92

46 59

7.04

4.60

11.70

23.25

19.61

6.06

11.09

2.46

Bmark

37.03

4.37

10.74

15.35

6.57

43.33

6.26

4.44

11.86

20.77

19.64

6.07

10.94

2.63

Asset Allocation as of 03-31-2024

Sector Weighting as of 03-31-2024

Basic Materials

Consumer Cyclical

**Financial Services** 

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

Consumer Defensive

**b** Cyclical

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Energy

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Utilities

20.99 21.50 2.57 0.05	25.89 13.04 1.70 11.91
21.50	13.04
20.99	25.89
28.99	25.00
46.89	47.46
Net %	Cat%
	46.89

**Morningstar Category** 

Target-Date 2040

Morningstar Index Morningstar Lifetime Mod 2040 TR USD

#### Benchmark [] Category Average Fund Cat 34.35 4.27 11.15 15.68 3.25 46.05 6.84 4.61 11.61 22.99 19.60 5.80 11.45 2.35 0% 10 15 20 25 30 35 40 45 50 5

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
igodot Vanguard Total Stock Mkt Idx Instl PIs	_	47.05	47.05	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	29.89	76.94	_	-
• Vanguard Total Bond Market II Idx Inv	-	15.49	92.43	_	_
🕀 Vanguard Total Intl Bd II Idx Insl	-	6.70	99.13	_	_
① Mktliq 12/31/2049	_	0.87	100.00	-	-
⊖ Us Dollar	-	0.00	100.00	_	-

#### Total Holdings 6



### Vanguard Target Retirement 2045 Fund VTIVX

Portfolio Manager(s)

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

#### **Quantitative Screens**

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

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

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

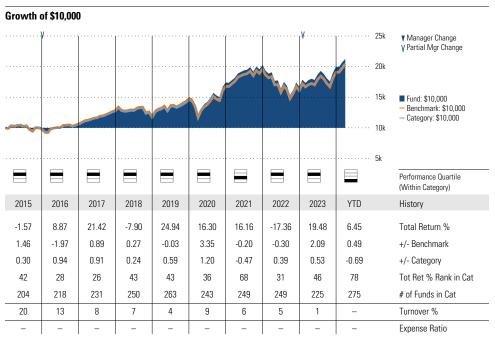
Net Expense: The fund's expense ratio of 0.08 is 87.69% lower than the Target-Date 2045 category average.

#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

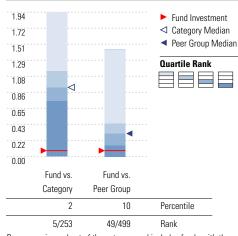
Metric	Rating	Updated
Sustainability Rating	3	03-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Morningstar Category

Target-Date 2045





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 0.90 0.79 0.96 0.97 Beta \_ 98.83 **R-Squared** 98.36 15.87 Standard Deviation 15 25 15.49 Sharpe Ratio 0.23 0 18 0.22 Tracking Error 1.79 2.11 Information Ratio 0.43 0.33 Up Capture Ratio 98.16 99.17 Down Capture Ratio 94.37 95.90

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

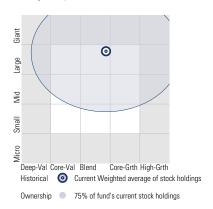
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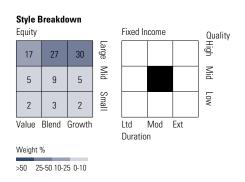


Morningstar Index Morningstar Lifetime Mod 2045 TR USD

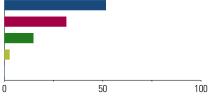
## Vanguard Target Retirement 2045 Fund VTIVX

Style Analysis as of 03-31-2024 Morningstar Style Box™





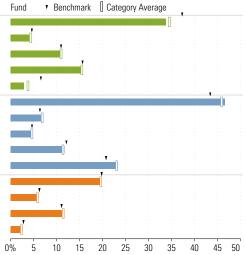
# Asset Allocation as of 03-31-2024



Morningstar Category Target-Date 2045	<b>Morningstar Index</b> Morningstar Lifetime Mod 2045 TR USD		
Asset Class	Net %	Cat%	
US Stocks	51.51	51.25	
Non-US Stocks	31.34	26.85	
Bonds	14.60	8.77	
Cash	2.49	1.61	
Other	0.06	11.53	
Total	100.00	100.00	

### Sector Weighting as of 03-31-2024

		Fund	Bmark	Cat	F
Դ	Cyclical	33.75	37.14	34.50	
æ.	Basic Materials	4.37	4.45	4.30	
A	Consumer Cyclical	10.86	10.80	10.96	
цф	Financial Services	15.60	15.48	15.48	
ŵ	Real Estate	2.92	6.41	3.76	
w	Sensitive	46.63	43.24	45.88	
đ	Communication Services	7.05	6.21	6.86	
0	Energy	4.58	4.48	4.61	
٥	Industrials	11.69	11.96	11.37	
	Technology	23.31	20.59	23.04	
	Defensive	19.62	19.63	19.60	
	Consumer Defensive	6.06	6.09	5.84	
٠	Healthcare	11.10	10.91	11.42	
2	Utilities	2.46	2.63	2.34	
					~~~~



#### Top 6 Holdings as of 03-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt ldx Instl PIs	_	51.69	51.69	_	-
$\oplus$ Vanguard Total Intl Stock Index Inv	-	32.31	84.00	_	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	10.41	94.41	_	-
$\oplus$ Vanguard Total Intl Bd II Idx Insl	-	4.66	99.07	_	-
⊕ Mktliq 12/31/2049	-	0.93	100.00	-	-
🕀 Us Dollar	_	0.00	100.01	-	_

#### Total Holdings 6



### Vanguard Target Retirement 2050 Fund VFIFX

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 2050 category's top three quartiles in 10 of the 10 years it's been in existence.

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

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

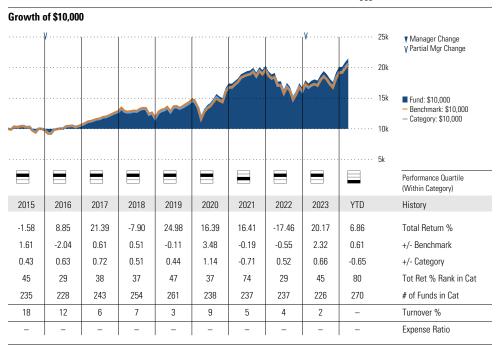
Net Expense: The fund's expense ratio of 0.08 is 87.88% lower than the Target-Date 2050 category average.

#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

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

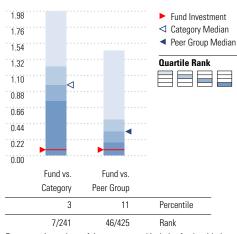


Morningstar Category

Target-Date 2050







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 0.95 0.79 0.96 0.98 Beta 98.78 **R-Squared** 98.24 Standard Deviation 15 64 16 14 15.94 Sharpe Ratio 0.25 0 19 0.24 Tracking Error 1.83 2.15 Information Ratio 0.46 0.32 Up Capture Ratio 99.11 100.34 Down Capture Ratio 95.21 97.18

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

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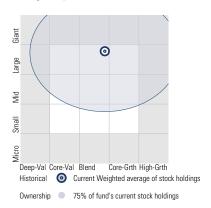


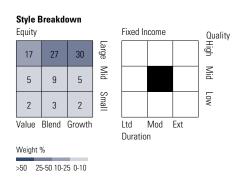
Morningstar Index Morningstar Lifetime Mod 2050 TR

USD

## Vanguard Target Retirement 2050 Fund VFIFX

**Style Analysis** as of 03-31-2024 Morningstar Style Box™





# 

0.06	11.57
2.25	1.79
9.30	6.40
34.66	27.48
53.74	52.75
Net %	Cat%
	53.74 34.66 9.30

Morningstar Category

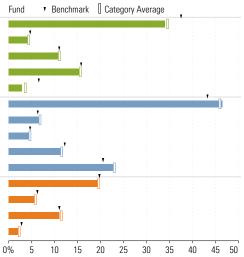
Target-Date 2050

Morningstar Index Morningstar Lifetime Mod 2050 TR USD

#### Sector Weighting as of 03-31-2024

Asset Allocation as of 03-31-2024

		Fund	Bmark	Cat	Fund
Դ	Cyclical	33.93	37.34	34.53	
æ.	Basic Materials	4.44	4.52	4.32	
A	Consumer Cyclical	10.89	10.83	11.02	
ц.	Financial Services	15.69	15.60	15.57	
ŵ	Real Estate	2.91	6.39	3.62	
w	Sensitive	46.47	43.08	45.93	
	Communication Services	7.01	6.17	6.82	
0	Energy	4.60	4.50	4.62	
₽	Industrials	11.76	12.04	11.51	
	Technology	23.10	20.37	22.98	
-	Defensive	19.60	19.58	19.55	
	Consumer Defensive	6.08	6.08	5.81	
٠	Healthcare	11.06	10.86	11.44	
2	Utilities	2.46	2.64	2.30	



#### Top 6 Holdings as of 03-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt Idx Instl PIs	_	53.91	53.91	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.74	89.65	_	-
$\oplus$ Vanguard Total Bond Market II Idx Inv	-	6.61	96.26	-	-
$\oplus$ Vanguard Total Intl Bd II Idx Insl	-	2.99	99.25	-	-
⊖ Mktliq 12/31/2049	-	0.76	100.01	-	-
🕀 Us Dollar	_	0.01	100.03	-	_

#### Total Holdings 6



### 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 11.11 years.

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

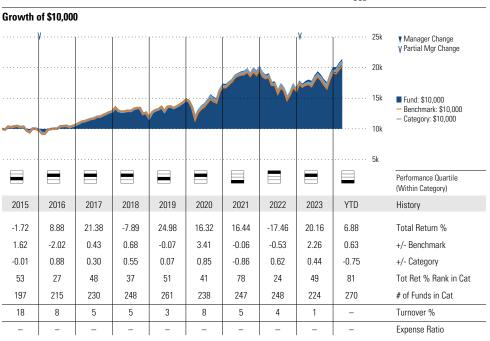
Net Expense: The fund's expense ratio of 0.08 is 87.5% lower than the Target-Date 2055 category average.

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

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

#### **ESG Metrics**

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



Morningstar Category

Target-Date 2055

#### **Trailing Performance**



1.96 Fund Investment Category Median 1.74 Peer Group Median 1.52 1.31 Quartile Rank 1.09 0.87 0.65 0 44 0.22 Fund vs Fund vs Peer Group Category Δ 10 Percentile 10/244 49/499 Rank

Alpha	1.00	-	0.90
Beta	0.96	-	0.99
R-Squared	98.73	-	98.22
Standard Deviation	15.64	16.22	16.13
Sharpe Ratio	0.25	0.19	0.24
Tracking Error	1.89	-	2.17
Information Ratio	0.47	-	0.37
Up Capture Ratio	98.85	-	101.34
Down Capture Ratio	94.75	-	97.75
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.76	18.53	20.45

Fund

2.63

6 46

Bmark

Cat

Peer group	o is a subset of the	category and in	ncludes funds with the
same man	agement style (act	ive vs. passive)	and similar share class
characteri	stics.		

Price/Earnings Ratio Price/Book Ratio Avg Eff Duration

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2.38

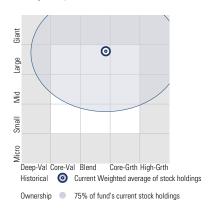
2.81

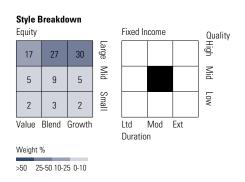
8 64

Morningstar Index Morningstar Lifetime Mod 2055 TR USD

## Vanguard Target Retirement 2055 Fund VFFVX

**Style Analysis** as of 03-31-2024 Morningstar Style Box™





50

100

2.18 0.06	1.10 12.64
2.18	1.10
9.40	6.72
34.71	26.79
53.66	52.74
Net %	Cat%
	53.66 34.71

Morningstar Category

Target-Date 2055

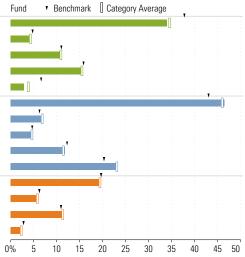
Morningstar Index Morningstar Lifetime Mod 2055 TR USD

### Sector Weighting as of 03-31-2024

0

Asset Allocation as of 03-31-2024

		Fund	Bmark	Cat	Func
Դ	Cyclical	33.95	37.62	34.55	
æ.	Basic Materials	4.45	4.60	4.29	
	Consumer Cyclical	10.88	10.86	10.92	
цф	Financial Services	15.70	15.69	15.50	
ŵ	Real Estate	2.92	6.47	3.84	
V*	Sensitive	46.46	42.88	46.02	
đ	Communication Services	7.00	6.11	6.86	
0	Energy	4.61	4.52	4.62	
¢	Industrials	11.76	12.11	11.45	
	Technology	23.09	20.14	23.09	
-	Defensive	19.60	19.51	19.42	
	Consumer Defensive	6.08	6.08	5.80	
•	Healthcare	11.06	10.79	11.32	
2	Utilities	2.46	2.64	2.30	
					0



#### Top 6 Holdings as of 03-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt Idx Instl PIs	_	53.82	53.82	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.80	89.62	_	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	6.71	96.33	_	-
$\oplus$ Vanguard Total Intl Bd II ldx Insl	-	2.99	99.32	_	-
① Mktliq 12/31/2049	-	0.67	100.00	-	-
⊖ 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 11.11 years.

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

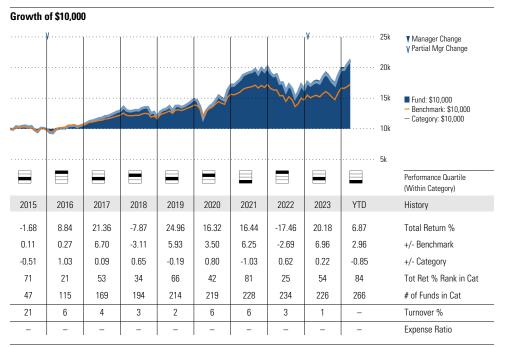
Net Expense: The fund's expense ratio of 0.08 is 87.88% lower than the Target-Date 2060 category average.

#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

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



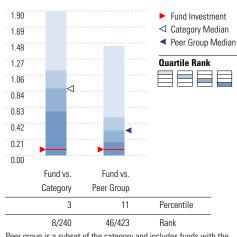
Morningstar Category

Target-Date 2060

#### **Trailing Performance**



Net Expense



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

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

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

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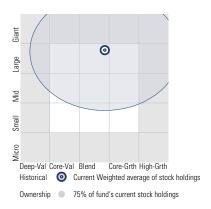


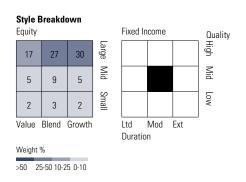
Morningstar Index

Morningstar Mod Tgt Risk TR USD

### Vanguard Target Retirement 2060 Fund VTTSX

**Style Analysis** as of 03-31-2024 Morningstar Style Box™





## Asset Allocation as of 03-31-2024

Sector Weighting as of 03-31-2024

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

€ Cyclical

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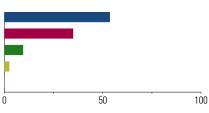
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đ

Energy

¢

Utilities



Bmark

38.52

4.79

10.92

16 41

6.40

40.90

5.96

4.84

12.38

17.72

20.58

6.51

11.12

2.95

Fund

33.97

4.45

10.89

15.71

2.92

46.43

7.00

4.61

11.77

23.05

19.60

6.08

11.06

2.46

#### Asset Class Net % Cat% US Stocks 53.49 44.77 Non-US Stocks 34.82 30.84 Bonds 9.35 5.99 Cash 2.29 1.05 0.06 Other 17.37 Total 100.00 100.00

Morningstar Index

Morningstar Mod Tgt Risk TR USD

**Morningstar Category** 

Target-Date 2060

#### Benchmark [] Category Average Cat Fund 36.03 4.82 10.82 15.96 4.43 44.96 6.55 4.87 11.63 21.91 19.01 5.78 11.02 2.21 0% 10 15 20 25 30 35 40 45 50 5

#### Top 6 Holdings as of 03-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt ldx Instl PIs	_	53.65	53.65	_	_
Vanguard Total Intl Stock Index Inv	-	35.91	89.56	-	-
Over the second seco	-	6.65	96.21	-	-
⊕ Vanguard Total Intl Bd II Idx Insl	-	3.00	99.21	-	-
⊕ Mktliq 12/31/2049	-	0.80	100.01	-	-
⊕ Us Dollar	-	0.01	100.02	_	-

#### Total Holdings 6



### Vanguard Target Retirement 2065 Fund VLXVX

#### 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 6.72 years.

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

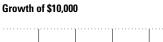
Net Expense: The fund's expense ratio of 0.08 is 86.67% lower than the Target-Date 2065+ category average.

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

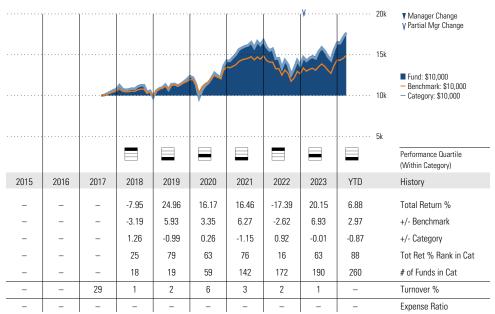
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

#### **ESG Metrics**

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



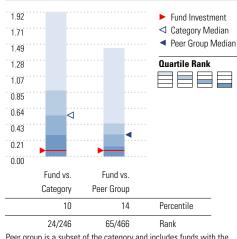
Morningstar Index Morningstar Mod Tgt Risk TR USD



#### **Trailing Performance**



Net Expense



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

		5			
		0	Avera than 1	ge annual, if grea year	ater
10 year	Since Inception				
-	9.19		Func	Return %	
5.91	6.30		Bend	chmark Returr	ו %
-	-		Cate	gory Average	! %
-	-		% R	ank in Catego	iry
-	-		# of	Funds in Cate	egory
3-Year Risk	Metrics				
		F	und	Bmark	Cat
Alpha			2.59	-	2.60
Beta			1.24	-	1.29
R-Squared		9	7.66	-	96.48
Standard Devia	ation	1	5.62	12.42	16.30
Sharpe Ratio			0.25	0.04	0.25
Tracking Error		:	3.85	-	4.72
Information Ra	tio		0.80	-	0.66
Up Capture Ra	tio	13	6.18	-	141.07
Down Capture	Ratio	12	2.61	-	127.64

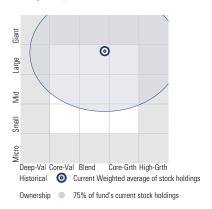
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.73	18.45	19.94
Price/Book Ratio	2.62	2.33	2.69
Avg Eff Duration	6.46	-	7.34

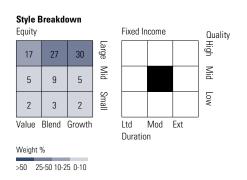
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### Vanguard Target Retirement 2065 Fund VLXVX

Style Analysis as of 03-31-2024 Morningstar Style Box™





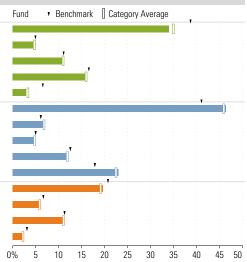
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Asset Class	Net %	Cat%
US Stocks	53.28	45.43
Non-US Stocks	34.89	31.18
Bonds	9.26	10.52
Cash	2.50	1.38
Other	0.06	11.49
Total	100.00	100.00

#### Sector Weighting as of 03-31-2024 Fund

Asset Allocation as of 03-31-2024

		Fund	Bmark	Cat	
		Funa	BIIIark	Gal	
Դ	Cyclical	33.98	38.52	34.94	
æ.	Basic Materials	4.46	4.79	4.70	
	Consumer Cyclical	10.88	10.92	10.96	
ц.	Financial Services	15.72	16.41	15.97	
ŵ	Real Estate	2.92	6.40	3.31	
V <sup>ar</sup>	Sensitive	46.41	40.90	45.92	
	Communication Services	6.99	5.96	6.81	
0	Energy	4.60	4.84	4.77	
¢	Industrials	11.78	12.38	11.87	
	Technology	23.04	17.72	22.47	
-	Defensive	19.60	20.58	19.13	
E	Consumer Defensive	6.08	6.51	5.85	
٠	Healthcare	11.05	11.12	11.05	
9	Utilities	2.47	2.95	2.23	
					_



#### Top 6 Holdings as of 03-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt Idx Instl PIs	-	53.44	53.44	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.99	89.43	_	-
$\oplus$ Vanguard Total Bond Market II Idx Inv	-	6.57	96.01	_	-
$\oplus$ Vanguard Total Intl Bd II Idx Insl	-	2.99	98.99	_	-
⊕ Mktliq 12/31/2049	-	0.99	99.98	-	-
⊖ Us Dollar	-	0.02	100.00	-	-

#### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



Morningstar Category Mo Target-Date 2065+ Mo

Morningstar Index Morningstar Mod Tgt Risk TR USD

### Vangu

Morningstar Index

Morningstar Mod Tgt Risk TR USD

Vanager Change

V Partial Mgr Change

Fund: \$10,000 - Benchmark: \$10,000

- Category: \$10,000

Performance Quartile

(Within Category)

Total Return %

+/- Benchmark

Tot Ret % Rank in Cat

# of Funds in Cat

Turnover %

Expense Ratio

**Total Return %** 

as of 03-31-2024

Average annual, if greater than 1 year

Benchmark Return % Category Average % % Rank in Category # of Funds in Category

Bmark

\_

\_

12.42

0.04

\_

Bmark

18.45

2.33

\_

Cat

2.60 1.29

96.48

16.30

0.25 4.72 0.66 141.07 127.64

Cat

19.94

2.69

7.34

Fund Return %

Fund

\_

Fund

19.76

2.63

6.45

Fund Benchmark

Category

+/- Category

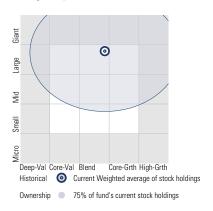
History

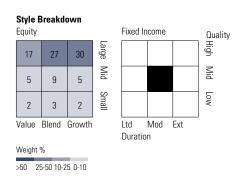
Vanguard T	arget Ref	tirement	: <b>2070</b>	Fund		SVNX				Target-Date	Category 2065+	<b>Morningst</b> Morningsta
Portfolio Manager(s)			Growth	of \$10,000	)							
Walter Nejman since 06-						J		ſ		·······	¥	
Aurélie Denis since 02-20												
Michael Roach since 02-2												Ľ
Roger Aliaga-Diaz since (	JZ-2023										$\sim$	10k
Quantitative Screens										V		TOK
The Performance screen i		funds with										
less than three years of d	ata.											
× Management: The fur		am has been in										
place for less than three	years.											_
Style: The fund has la			2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD
Large Blend — 100 % of	the time over the pa	ast three years.	-	-	-	-	-	-	-	-	20.24	6.88
🭳 Net Expense: The fur	id's expense ratio of	0.08 is	-	-	-	-	-	-	-	-	7.02	2.97
86.67% lower than the Ta	arget-Date 2065+ ca	tegory	-	-	-	-	-	-	-	-	0.08	-0.87
average.			_	_	_	_	_	_	-	_	58 190	91 260
Morningstar Investme	nt Management LL	C Analysis	_	-	-	-	-	_	_	44	2	-
This fund fails the manage	er tenura aaroon du	a ta a limitad	-	-	-	-	-	-	-	-	-	-
This fund fails the manag history for this target-dat		e lo a infilited	Trailing	Performa	ince							
								]	·····			
ESG Metrics												
Metric	Rating	Updated										15
Sustainability Rating	3	03-31-2024			•	•••••••						
Carbon Risk Score	Low Risk	12-31-2022								•••••		5
												0
			3 N	lonth	1 Year	:	3 year	5 yea	ar	10 year	Since	Inception
			6	.88	20.51		-	-		-	1	6.01
				.91	12.77		2.64	6.42		5.91	E	5.30
				.75 91	21.54 73		5.80	10.3	4	-		_
				260	246		_	_		_		_
			Net Exp	ense						3-Year Ri	sk Metr	ics
			1.92				► Fund	Investmen				
			1.71					gory Media		Alpha Beta		
			1.49					Group Med	ian	R-Squared		
			1.28				Quartile	Rank	7	Standard De	viation	
			1.07 0.85							Sharpe Ratio	)	
			0.64							Tracking Err		
			0.43							Information		
			0.21	·· · · · ·	·····					Up Capture Down Captu		
			0.00	Fund vs.	Eup	d vs.				bonn oupto	io natio	
				Category	Peer G					Portfolio	Metrics	
				10		14	Percenti	e		Price/Earnin	ns Ratio	
				24/246		/466	Rank			Price/Book F	•	
			• •	o is a subset agement st		• /				Avg Eff Dura		
			characteri	•		. 5. publik6	, and omit					



### Vanguard Target Retirement 2070 Fund VSVNX

**Style Analysis** as of 03-31-2024 Morningstar Style Box™





50

100

9.68 9.68 1.86 0.06	31.18 10.52 1.38 11.49
9.68	10.52
34.78	31.18
53.62	45.43
Net %	Cat%

**Morningstar Index** 

Morningstar Mod Tgt Risk TR USD

Morningstar Category

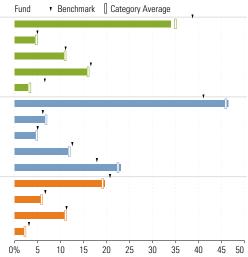
Target-Date 2065+

### Sector Weighting as of 03-31-2024

0

Asset Allocation as of 03-31-2024

		Fund	Bmark	Cat
Դ	Cyclical	33.94	38.52	34.94
æ.	Basic Materials	4.44	4.79	4.70
A	Consumer Cyclical	10.88	10.92	10.96
цф	Financial Services	15.70	16.41	15.97
ŵ	Real Estate	2.92	6.40	3.31
w.	Sensitive	46.45	40.90	45.92
	Communication Services	7.01	5.96	6.81
0	Energy	4.60	4.84	4.77
Ф	Industrials	11.77	12.38	11.87
	Technology	23.07	17.72	22.47
	Defensive	19.60	20.58	19.13
F	Consumer Defensive	6.08	6.51	5.85
٠	Healthcare	11.05	11.12	11.05
<b>9</b>	Utilities	2.47	2.95	2.23



#### Top 6 Holdings as of 03-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt Idx Instl PIs	_	53.79	53.79	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.87	89.66	-	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	7.00	96.66	-	-
$\oplus$ Vanguard Total Intl Bd II ldx Insl	-	2.99	99.65	_	-
① Mktliq 12/31/2049	-	0.27	99.92	-	-
🕀 Us Dollar	-	0.08	100.00	-	-

#### Total Holdings 6



### Vanguard Target Retirement Income Fund VTINX

Morningstar Category

Target-Date Retirement

Morningstar Index Morningstar Lifetime Mod Incm TR USD

Portfolio Manager(s)

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

#### Quantitative Screens

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

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

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

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

#### Morningstar Investment Management LLC Analysis

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

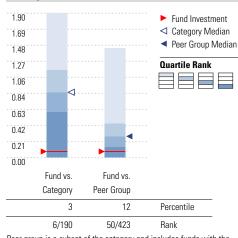
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	03-31-2024
ESG Commitment	1-Low	02-15-2022

Growth	of \$10,000	)								
	¥				$\checkmark$	<u>/</u> ~~		*	15k	¶ Manager Change γ Partial Mgr Change
~~~					v					■ Fund: \$10,000 Benchmark: \$10,000 Category: \$10,000
										Performance Quartile (Within Category)
2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD	History
-0.17	5.25	8.47	-1.99	13.16	10.02	5.25	-12.74	10.65	2.17	Total Return %
1.13	-0.73	-0.08	0.21	-0.11	-0.54	-2.37	-0.50	0.58	-0.34	+/- Benchmark
1.33	0.15	-0.34	1.17	0.31	0.99	-0.26	0.00	0.61	-0.22	+/- Category
7	41	62	21	49	36	65	54	48	71	Tot Ret % Rank in Cat
212	210	210	218	220	206	204	199	175	213	# of Funds in Cat
14	11	8	6	10	17	6	19	4	-	Turnover %
-	-	-	-	-	-	-	-	-	-	Expense Ratio







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

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

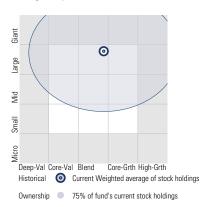
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.70	20.14	20.28
Price/Book Ratio	2.62	2.71	2.71
Avg Eff Duration	5.49	-	5.75

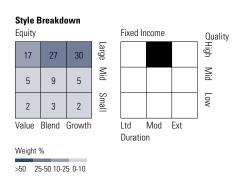
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## Vanguard Target Retirement Income Fund VTINX

Style Analysis as of 03-31-2024 Morningstar Style Box™





# 50 100 0

Asset Allocation as of 03-31-2024

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

### Benchmark [] Category Average Fund 1 10 15 20 25 30 35 40 45 50 0% 5

#### Top 7 Holdings as of 03-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Bond Market II Idx Inv	_	36.83	36.83	_	_
$igodoldsymbol{ imes}$ Vanguard Total Stock Mkt Idx InstI PIs	-	17.73	54.56	_	-
$\oplus$ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	16.48	71.04	_	-
$\oplus$ Vanguard Total Intl Bd II Idx Insl	-	16.13	87.18	_	-
$\ominus$ Vanguard Total Intl Stock Index Inv	-	12.08	99.26	-	-
⊕ Mktliq 12/31/2049	-	0.74	100.00	-	-
igodot Us Dollar	-	0.00	100.00	_	-

#### Total Holdings 7

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



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

See	Sector Weighting as of 03-31-2024						
		Fund	Bmark	Cat			
Դ	Cyclical	34.04	36.86	36.70			
<i>.</i>	Basic Materials	4.47	3.80	4.38			
æ	Consumer Cyclical	10.88	10.25	10.57			
ц.	Financial Services	15.76	14.32	15.86			
ŵ	Real Estate	2.93	8.49	5.89			
w.	Sensitive	46.38	43.58	44.54			
g	Communication Services	6.99	6.48	6.63			
•	Energy	4.60	4.23	4.71			
Ф	Industrials	11.80	11.00	11.15			
	Technology	22.99	21.87	22.05			
-	Defensive	19.58	19.57	18.75			
	Consumer Defensive	6.07	5.97	5.61			
٠	Healthcare	11.05	11.03	10.65			
2	Utilities	2.46	2.57	2.49			

### Vanguard Value Index Adm VVIAX

#### Portfolio Manager(s)

Gerard O'Reilly since 12-1994 Walter Nejman since 04-2016

#### Quantitative Screens

*Performance:* The fund has finished in the Large 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 29.27 years.

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

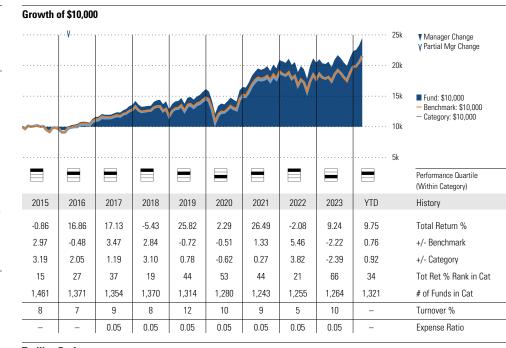
Net Expense: The fund's expense ratio of 0.05 is 94.38% lower than the Large Value category average.

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

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

#### **ESG Metrics**

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



**Morningstar Category** 

Large Value

Morningstar Index

Russell 1000 Value TR USD

**Total Return %** 

as of 03-31-2024 Fund

Benchmark

Average annual, if greater

Category

20

15

10

5

Λ

#### **Trailing Performance**



3.28 Fund Investment Category Median 2.92 Peer Group Median 2.55 2.19 Quartile Rank 1.82 1.46 1.09 0.73 0.36 Fund vs Fund vs Peer Group Category 2 19 Percentile 23/1331 28/148 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.

than 1 year Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category **3-Year Risk Metrics** Fund Bmark Cat Alpha 2.34 1.07 0.94 0.96 Beta 97.69 **R-Squared** 94.27 Standard Deviation 15.62 16 43 16.34 Sharpe Ratio 0.51 0.38 0.43 Tracking Error 2 57 4.01 Information Ratio 0.81 0.22 Up Capture Ratio 98.64 98.20 Down Capture Ratio 89.01 93.98 **Portfolio Metrics** 

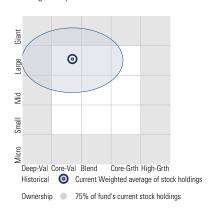
	Fund	Bmark	Cat
Price/Earnings Ratio	19.14	17.93	18.96
Price/Book Ratio	2.81	2.34	2.53
Geom Avg Mkt Cap \$B	122.28	73.93	121.22
ROE	22.84	16.60	21.17

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### Vanguard Value Index Adm VVIAX

Style Analysis as of 03-31-2024 Morningstar Style Box™







#### Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings as of 03-31-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ Berkshire Hathaway Inc Class B	3.73	3.73	_	Financial Services
$oldsymbol{eta}$ Broadcom Inc	3.02	6.75	-	Technology
$\ni$ JPMorgan Chase & Co	2.81	9.56	-	Financial Services
∋ Exxon Mobil Corp	2.25	11.82	-	Energy
$\ominus$ UnitedHealth Group Inc	2.23	14.05	-	Healthcare
$\ominus$ Procter & Gamble Co	1.86	15.91	-	Consumer Defensive
$oldsymbol{eta}$ The Home Depot Inc	1.86	17.77	-	Consumer Cyclical
∋ Johnson & Johnson	1.86	19.63	-	Healthcare
∋ Merck & Co Inc	1.63	21.26	-	Healthcare
⊖ AbbVie Inc	1.57	22.82	-	Healthcare
⊖ Chevron Corp	1.38	24.20	_	Energy
∋ Walmart Inc	1.30	25.51	-	Consumer Defensive
ightarrow Bank of America Corp	1.24	26.74	13.34	Financial Services
∋ PepsiCo Inc	1.17	27.92	-	Consumer Defensive
$\ominus$ Coca-Cola Co	1.16	29.07	_	Consumer Defensive

Asset Allocation as of 03-31-2024

Sector Weighting as of 03-31-2024

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

0

Դ Cyclical

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Energy

¢

Utilities 50

Fund

31.47

2.41

4.88

21 16

3.02

35.96

3.45

7.18

13.37

11.96

32.57

10.13

17.89

4.55

Bmark

35.85

4.18

5.43

21 43

4.81

37.28

4.79

26.87

7.68

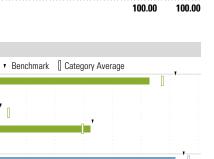
14.64

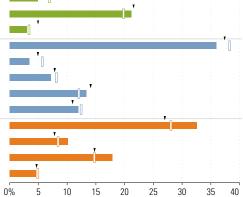
4.55

#### Total Holdings 343

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

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Fund

Cash Other

100

Cat

33.68

3.58

6.93

19.81

3.36

38.27

5.67

28.05

8.42

14.73

4.90

**Morningstar Category** 

#### 🔛 Large Value Russell 1000 Value TR USD Asset Class Net % Cat% US Stocks 99.03 91.79 Non-US Stocks 0.81 5.71 Bonds 0.00 0.31 0.16 0.89 0.00 1.29 Total

Morningstar Index

M

RNINGSTAR

### Western Asset Core Bond IS WACSX

#### Portfolio Manager(s)

Mark Lindbloom since 12-2006 S. Leech since 08-2013 Julien Scholnick since 05-2016 Frederick Marki since 05-2018 Michael Buchanan since 03-2024

#### Quantitative Screens

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

Management: The fund's management has been in place for 17.27 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.42 is 22.22% lower than the Intermediate Core Bond category average.

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

We have placed Western Asset Core Bond on watch due to persistent troubles with performance and risk management. The fund has experienced some periods of large losses, with 2022's nearly 17% loss looming large. The fund's Morningstar Risk rating is now High, and while some funds are able to deliver high returns for the bumpy ride, this fund has not been able to do so for quite some time. We are placing this fund on watch as we assess its place on the approved list.

#### **ESG Metrics**

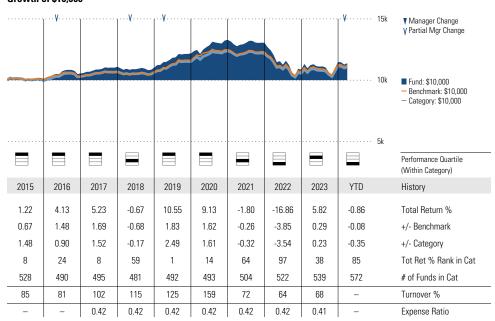
Metric	Rating	Updated
Sustainability Rating	3	03-31-2024



A

Morningstar Category Intermediate Core Bond Morningstar Index

Bloomberg US Agg Bond TR USD





4.02					Fullu illvestillellt
4.11					Category Median
3.59					<ul> <li>Peer Group Median</li> </ul>
3.08					Quartile Rank
2.57					
2.05					
1.54					
1.03		4			
0.51	×		···• ▶	-4	
0.00					
	Fund v	/S.	Func	l vs.	
	Catego	ry	Peer Gr	oup	
	3	39		57	Percentile
	225/57	70	252/	443	Rank

Tracking Error Information Ratio -0.67 Up Capture Ratio 118.26 Down Capture Ratio 126.00 **Portfolio Metrics** Fund Bmark

Standard Deviation

Sharpe Ratio

Avg Eff Duration	6.76	4.43	5.94
Avg Eff Maturity	12.03	-	8.63

9.00

-0 71

1.94

7 24

-0 72

7 21

-0.74

1.00

-0.26

96.63

98.34

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.

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### Western Asset Core Bond IS WACSX

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



-50 Ó 50 100 150

**Morningstar Category** Intermediate Core Bond

Asset Class	Net %	Cat%
US Stocks	0.00	0.10
Non-US Stocks	0.00	0.02
Bonds	101.28	97.41
Cash	-1.28	0.71
Other	0.00	1.75
Total	100.00	100.00

#### Sector Weighting as of 03-31-2024

Asset Allocation as of 03-31-2024

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	62.81	3.53	24.95
AA	5.57	74.59	39.48
A	13.79	10.82	21.00
BBB	17.15	8.32	12.47
BB	0.11	0.28	0.71
В	0.32	0.00	0.35
Below B	0.00	0.00	0.33
Not Rated	0.25	2.46	0.70

	Fund	Bmark	Cat	Fund	<ul> <li>Benchmark</li> </ul>	Category Average
Government	15.07	-	30.40			1
Treasury	13.73	-	25.31			]
Inflation – Protected	0.74	-	1.13			
Agency/Quasi Agency	0.60	-	0.87			
Other Government Related	0.00	-	3.09			
Corporate	31.58	-	23.79			
Corporate Bond	31.58	-	23.56			
Bank Loan	0.00	-	0.09	0		
Convertible	0.00	-	0.00	0		
Preferred	0.00	-	0.14	]		
Securitized	51.83	-	38.61			
Agency MBS Pass-Through	30.66	-	27.87			
Agency MBS ARM	0.34	-	0.21	]		
Agency MBS CMO	4.38	-	2.05			
Non-Agency Residential MBS	1.16	-	0.14			
Commercial MBS	4.32	-	2.26			
Asset-Backed	10.97	-	6.08	)		
Covered Bond	0.00	-	0.00	İ.		
Municipal	0.02	_	1.02	10		
Cash & Equivalents	1.36	_	4.40			
Other	0.13	_	1.79	1		

#### Top 10 Holdings as of 03-31-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
$\oplus$ Trade Date Cash	-	1.99	1.99	-
$\oplus$ United States Treasury Bonds 4.75%	-	1.64	3.63	-
$\odot$ Western Asset Prem Instl Govtt Rsrv Pref	-	1.28	4.91	-
⊖ United States Treasury Bonds 1.875%	-	1.14	6.05	-
United States Treasury Bonds 4.75%	_	0.99	7.04	_
$\odot$ United States Treasury Bonds 3.625%	_	0.97	8.00	-
$\ominus$ United States Treasury Bonds 4%	-	0.85	8.85	-
United States Treasury Bonds 3.375%	-	0.80	9.66	-
$\oplus$ Usd Swap Contra Asset	-	0.78	10.44	-
United States Treasury Bonds 4.125%	-	0.78	11.22	-

### Total Holdings 2486

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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