## American Century Mid Cap Value I AVUAX

## Portfolio Manager(s)

Michael Liss since 03-2004 Kevin Toney since 08-2008 Brian Woglom since 02-2012 Nathan Rawlins since 03-2022

## Quantitative Screens

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

Management: The fund's management has been in place for 19.01 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 0.77 is 22.22% lower than the Mid-Cap Value category average.

#### Morningstar Investment Management LLC Analysis

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

## **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	03-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022





Mid-Cap Value

## Morningstar Index

Russell Mid Cap Value TR USD

**Total Return %** 

as of 03-31-2023

Benchmark

Average annual, if greater than 1 year

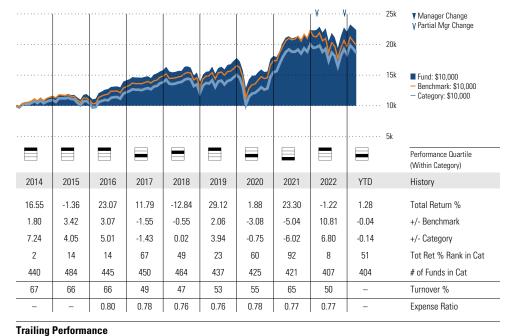
Benchmark Return %

Category Average %

Fund Return %

Category

Fund





Quartile Rank

Percentile

Rank

9	_	% Ra	ank in Categ	ory
268	_	# of	Funds in Cat	egory
3-Year Risk	Metrics			
		Fund	Bmark	Cat
Alpha		2.42	-	1.62
Beta		0.84	-	0.98
R-Squared		94.61	-	94.06
Standard Devia	ition	17.24	20.04	20.25
Sharpe Ratio		1.08	0.98	1.03
Tracking Error		5.17	-	5.06
Information Rat	tio	-0.11	-	0.25
Up Capture Rat	io	86.55	-	98.95
Down Capture	Ratio	76.88	-	92.21
Portfolio M	etrics			

	Fund	Bmark	Cat
Price/Earnings Ratio	16.33	15.15	13.95
Price/Book Ratio	1.98	2.11	1.83
Geom Avg Mkt Cap \$B	16.84	16.49	12.34
ROE	15.23	15.14	16.14

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

48

Fund vs. Peer Group

142/297

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Fund vs

Category 30

122/409

2.09

1.74 1.40 1.05 0.70 0.35 0.00



# American Century Mid Cap Value I AVUAX

Asset Allocation as of 03-31-2023

Sector Weighting as of 03-31-2023

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Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Energy

Industrials

Technology

Defensive

Healthcare

Consumer Defensive

50

Fund

36.06

2.30

6.88

18.80

8.08

29.96

2.61

5.17

15.73

6.45

33.98

9.47

14.91

9.60

Bmark

46.70

6.51

10.90

18.17

11.12

33.70

3.42

5.09

15.43

9.76

19.60

4.19

7.23

8.18

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





Weight %

>50 25-50 10-25 0-10

## Top 15 Holdings as of 03-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ Zimmer Biomet Holdings Inc	2.99	2.99	1.52	Healthcare
Đ Northern Trust Corp	2.86	5.85	0.44	Financial Services
$oldsymbol{eta}$ iShares Russell Mid-Cap Value ETF	2.42	8.27	_	-
ightarrow Edison International	2.24	10.51	12.11	Utilities
e Bank of New York Mellon Corp	2.16	12.67	0.64	Financial Services
€ Allstate Corp	2.15	14.82	-17.63	Financial Services
i  Koninklijke Ahold Delhaize NV	2.07	16.89	17.32	Consumer Defensive
	2.02	18.91	-2.09	Consumer Defensive
$\ni$ Spire Inc	1.97	20.89	2.90	Utilities
$    ext{ }    $	1.79	22.68	2.09	Healthcare
	1.74	24.41	9.51	Consumer Cyclical
ightarrow 0Shkosh Corp	1.71	26.12	-5.22	Industrials
Đ Dollar Tree Inc	1.69	27.81	1.49	Consumer Defensive
$ m egin{array}{c} egin{array} egin{array}{c} egin{array}{c} egin{array}{c} egin{array}$	1.61	29.42	-8.74	Industrials
$\oplus$ MSC Industrial Direct Co Inc Class A	1.60	31.01	3.78	Industrials

## Total Holdings 99

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

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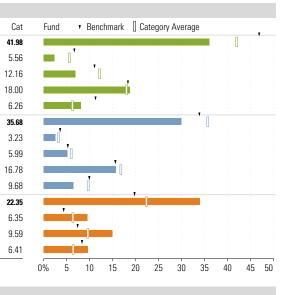
Morningstar Category

100

Morningstar Index

Russell Mid Cap Value TR USD

Asset Class	Net %	Cat%
US Stocks	85.26	90.55
Non-US Stocks	12.25	6.77
Bonds	0.00	0.01
Cash	2.49	2.25
Other	0.00	0.41
Total	100.00	100.00



#### American Funds Capital Income Bldr R6 RIRGX

## Portfolio Manager(s)

James Lovelace since 01-1992 David Hoag since 01-2004 Winnie Kwan since 01-2007 Steven Watson since 01-2007 Bradley Vogt since 01-2009 Alfonso Barroso since 01-2010 Grant Cambridge since 01-2013 Philip Winston since 01-2014 Fergus MacDonald since 01-2015 Aline Avzaradel since 01-2016 Caroline Randall since 01-2021 Charles Ellwein since 01-2023

### **Quantitative Screens**

Performance: The fund has finished in the Global 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 31.27 years.

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

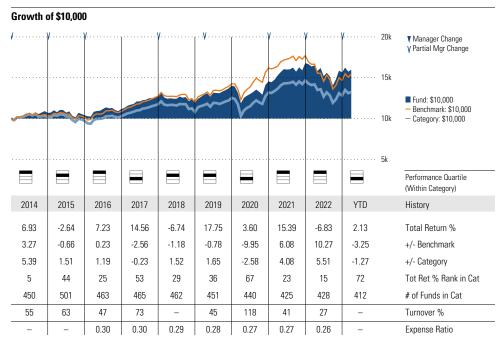
Net Expense: The fund's expense ratio of 0.26 is 76.99% lower than the Global Allocation category average.

## **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	03-31-2023
Carbon Risk Score	Medium Risk	12-31-2022



Alpha

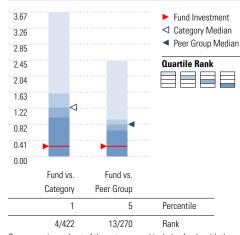
Reta

Down Capture Ratio

Morningstar Category

Global Allocation

#### **Trailing Performance** 3 Month 1 Year 10 year 3 yea 5 year 2.13 -3.15 10.38 5.15 5.73 7.93 5.38 -7.25 7.86 3.98 5.34 6.72 3 40 -6 47 4 04 9 4 4 3 13 \_ 72 18 35 13 10 412 403 386 362 250 **3-Year Risk Metrics** 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 Category 0 -5 -10 Average annual, if greater than 1 year Since Inception Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund **Bmark** Cat 3.29 2.08 0.87 0.93 85.93 R-Squared 87.65 Standard Deviation 12 58 13.35 13 27 Sharpe Ratio 0 75 0 55 0.66 Tracking Error 5.01 4.56 Information Ratio 0.50 0.29 Up Capture Ratio 100.62 99.26

15%

10

**Total Return %** 

as of 03-31-2023 Fund

Benchmark

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 15 01 15 67 14.96 Price/Book Ratio 2.28 2.31 2.13 Avg Eff Duration 5 99 3.55

85.98

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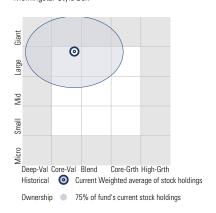
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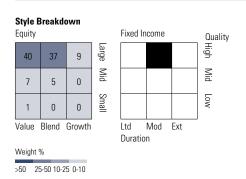
Morningstar Index

Morningstar Gbl Allocation TR USD

# American Funds Capital Income Bldr R6 RIRGX

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





# 

Bmark

36.01

5.12

10.99

16 56

3.34

41.89

6.45

5.10

11.60

18.74

22.08

7.25

11.95

2.88

Fund

33.73

3.96

4.69

16 64

8.44

32.29

4.17

7.66

10.42

10.04

33.97

12.63

12.82

8.52

Asset Allocation as of 03-31-2023

Sector Weighting as of 03-31-2023

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Energy

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

€ Cyclical

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Utilities

Total	100.00	100.00
Other	2.56	12.24
Cash	4.90	8.75
Bonds	18.19	22.92
Non-US Stocks	33.40	24.21
US Stocks	40.96	31.88
Asset Class	Net %	Cat%

#### Benchmark [] Category Average Cat Fund 40.66 7.93 П Π 8.33 12.11 12.29 36.99 4.61 8.47 11.19 12.72 22.36 6.02 10.41 5.93 10 15 20 25 30 35 40 45 0% 5

## Top 10 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Capital Group Central Cash Fund	_	6.66	6.66	_	_
∋ Broadcom Inc	_	3.22	9.88	15.56	Technology
€ Cap Grp Cent Fd Ser li	_	2.36	12.24	_	-
∋ AbbVie Inc	-	2.33	14.57	-0.47	Healthcare
$\ominus$ Philip Morris International Inc	-	2.13	16.70	-2.66	Consumer Defensive
姓 Cash And Other Assets Less Liablities	-	1.83	18.53	-	_
igodologies Raytheon Technologies Corp	-	1.74	20.28	-2.42	Industrials
$\ni$ VICI Properties Inc Ordinary Shares	-	1.56	21.83	1.88	Real Estate
∋ Microsoft Corp	-	1.54	23.38	20.50	Technology
$\ominus$ Zurich Insurance Group AG	_	1.49	24.86	-1.04	Financial Services

## Total Holdings 1662

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



Morningstar Category Global Allocation

Morningstar Index Morningstar Gbl Allocation TR USD

## American Funds New Perspective R6 RNPGX

Portfolio Manager(s)

Robert Lovelace since 12-2000 Jonathan Knowles since 12-2004 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 Barbara Burtin since 12-2018 Patrice Collette since 12-2018

## 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 22.34 years.

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

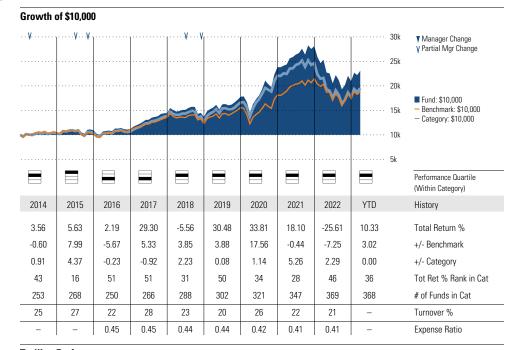
Net Expense: The fund's expense ratio of 0.41 is 61.68% lower than the Global Large-Stock Growth category average.

## **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	2	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	02-15-2022



Morningstar Category

Global Large-Stock Growth



Fund Investment
 Category Median

Quartile Rank

Percentile

Peer Group Median

## **3-Year Risk Metrics**

	Fund	Bmark	Cat
Alpha	-0.66	-	-3.27
Beta	1.15	-	1.12
R-Squared	96.25	-	88.80
Standard Deviation	21.06	18.04	21.67
Sharpe Ratio	0.78	0.82	0.64
Tracking Error	4.85	-	7.60
Information Ratio	0.26	-	-0.26
Up Capture Ratio	113.90	-	106.24
Down Capture Ratio	117.51	-	120.48

Morningstar Index

MSCI ACWI NR USD

**Total Return %** 

as of 03-31-2023

Benchmark

Average annual, if greater than 1 year

Benchmark Return %

Category Average %

% Rank in Category

# of Funds in Category

Fund Return %

Category

Fund

20%

15

10

5

0

-5

-10

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 19.68 16 19 22.90 Price/Book Ratio 3.47 2.46 4.05 Geom Avg Mkt Cap \$B 103 47 91 37 113.34 ROE 24.86 24.43 24.64

5/371 12/251 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.

5

Fund vs

Peer Group

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Fund vs

Category

2

Net Expense

2.52

2.24

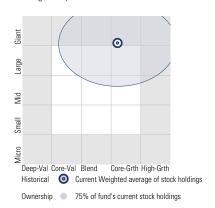
1.96 1.68

1.40 1.12 0.84 0.56 0.28



## American Funds New Perspective R6 RNPGX

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





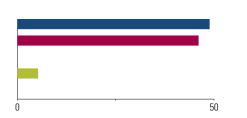


Weight %

<25

>50 25-50 10-25 0-10

## World Regions % Equity 03-31-2023



Asset Allocation as of 03-31-2023

Դ Cyclical

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Energy

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Utilities

Basic Materials

Consumer Cyclical

Financial Services

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

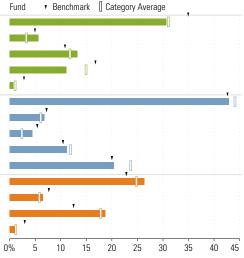
#### Asset Class Net % Cat% US Stocks 48.82 54.34 Non-US Stocks 46.01 42.87 Bonds 0.00 0.01 Cash 5.17 2.25 0.00 Other 0.52

100.00

100.00

#### Sector Weighting as of 03-31-2023 Cat Fund Fund Bmark 30.70 34.80 31.07 5.62 3.26 4.81 13.23 10.69 11.80 11 15 16 64 14 95 0.70 2.66 1.06 42.50 42.96 44.10 **Communication Services** 6.83 7.07 6.08 4.47 5.26 2.39 11.21 10.30 11.93 20.45 19.87 23.70 26.34 22.69 24.82 6.49 7.52 5.81 18.70 12.36 17.81 1.15 2.81 1.20

Total



	Greater Asia	Fund % 12.04	Cat % 13.90	Americas	Fund % 56.33	Cat % 59.19	Greater Europe	Fund % 31.63	Cat % 26.91	Market Maturity	Fund %
	Japan	3.16	4.35	North America	54.57	57.80	United Kingdom	5.49	5.36	Developed Markets	95.48
	Australasia	0.24	0.35	Central/Latin	1.76	1.39	W euro-ex UK	25.51	21.27	Emerging Markets	4.52
	Asia-4 Tigers	6.19	4.16				Emrgng Europe	0.00	0.02	Not Available	0.00
	Asia-ex 4 Tigers	2.45	5.04				Africa	0.63	0.26		
	Not Classified	0.00	0.00								
>75											

Top 10 Holdings as of 03-31-2023

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ Capital Group Central Cash Fund	4.95	4.95	_	_
∋ Microsoft Corp	4.24	9.19	20.50	Technology
$\ni$ Novo Nordisk A/S Class B	2.54	11.73	16.63	Healthcare
igop Taiwan Semiconductor Manufacturing Co Ltd	2.36	14.08	19.45	Technology
∋ Tesla Inc	2.08	16.16	68.42	Consumer Cyclical
$\ominus$ Meta Platforms Inc Class A	1.92	18.08	76.12	Communication Svc
➔ Broadcom Inc	1.55	19.63	15.56	Technology
ASML Holding NV	1.47	21.10	24.37	Technology
ightarrow AstraZeneca PLC	1.39	22.49	1.58	Healthcare
LVMH Moet Hennessy Louis Vuitton SE	1.37	23.86	24.19	Consumer Cyclical

## Total Holdings 301

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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Morningstar Index Morningstar Category

Global L

3	
arge-Stock Growth	MSCI ACWI NR USD

## American Funds New World R6 RNWGX

## Portfolio Manager(s)

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

## Quantitative Screens

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

*Management:* The fund's management has been in place for 23.8 years.

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

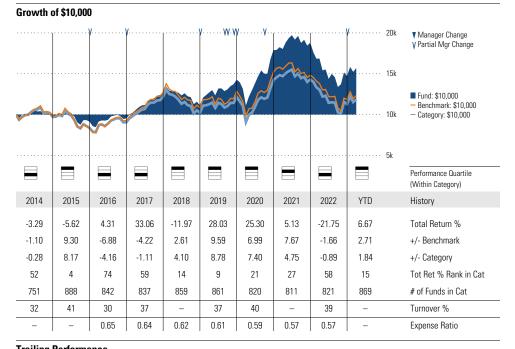
Net Expense: The fund's expense ratio of 0.57 is 50.43% lower than the Diversified Emerging Mkts category average.

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

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

## **ESG Metrics**

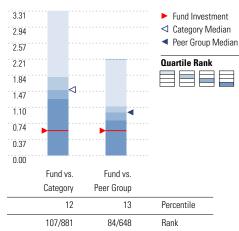
Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022





Alpha

Beta



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

Average annual, if greater than 1 year Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund Bmark Cat 5.19 1.04 0.97 0.86 **R-Squared** 78.72 87.48 Standard Deviation 18 28 18 85 19 69 Sharpe Ratio 0.66 0 43 0.46 Tracking Error 8.83 6.78 Information Ratio 0.49 0.08 Up Capture Ratio 101.73 102.40 Down Capture Ratio 83.50 100.07

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 17 47 10 77 12.24 Price/Book Ratio 2.91 1.57 1.86 Geom Avg Mkt Cap \$B 55.87 34 04 43 04 ROE 22.78 17.99 18.95

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**Morningstar Category** 

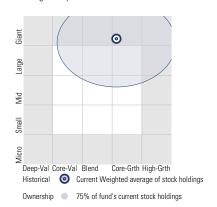
Diversified Emerging Mkts

Morningstar Index

MSCI EM NR USD

## American Funds New World R6 RNWGX

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



## Style Breakdown

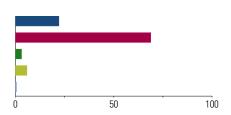


Weight %

<25

>50 25-50 10-25 0-10

## World Regions % Equity 03-31-2023



## Sector Weighting as of 03-31-2023

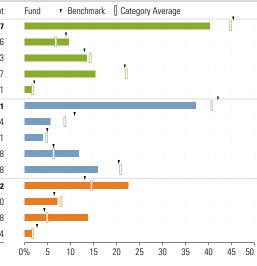
Asset Allocation as of 03-31-2023

		Fund	Bmark	Cat
Դ	Cyclical	40.26	45.21	44.77
æ.	Basic Materials	9.64	8.83	6.76
<b>~</b>	Consumer Cyclical	13.59	12.84	14.23
,	Financial Services	15.39	21.62	22.07
ŵ	Real Estate	1.64	1.92	1.71
w	Sensitive	37.23	41.87	40.71
	Communication Services	5.61	10.70	8.74
0	Energy	3.92	4.75	4.81
¢	Industrials	11.76	6.11	6.28
	Technology	15.94	20.31	20.88
<b>→</b>	Defensive	22.52	12.92	14.52
F	Consumer Defensive	7.07	6.27	7.90
٠	Healthcare	13.74	4.12	4.88
9	Utilities	1.71	2.53	1.74

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

Diversified Emerging Mkts

Asset Class	Net %	Cat%
US Stocks	22.03	2.90
Non-US Stocks	68.75	95.11
Bonds	3.02	0.01
Cash	5.77	2.14
Other	0.44	-0.17
Total	100.00	100.00



	Greater Asia	Fund % 37.82	Cat % 75.32	Americas	Fund % 35.40	Cat % 14.25	Greater Europe	Fund % 26.77	Cat % 10.42	Market Maturity	Fund %
	Japan	2.75	0.09	North America	26.03	2.76	United Kingdom	3.01	0.72	Developed Markets	61.75
	Australasia	0.69	0.03	Central/Latin	9.37	11.49	W euro-ex UK	21.27	1.96	Emerging Markets	38.25
	Asia-4 Tigers	7.62	25.78				Emrgng Europe	0.51	1.43	Not Available	0.00
	Asia-ex 4 Tigers	26.76	49.42				Africa	1.98	6.31		
	Not Classified	0.00	0.00								
>75											

## Top 10 Holdings as of 03-31-2023

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Capital Group Central Cash Fund	5.77	5.77	_	_
⊖ Microsoft Corp	2.67	8.44	20.50	Technology
€ Novo Nordisk A/S Class B	2.29	10.74	16.63	Healthcare
$\oplus$ Taiwan Semiconductor Manufacturing Co Ltd	2.02	12.75	19.45	Technology
$\oplus$ LVMH Moet Hennessy Louis Vuitton SE	1.68	14.44	24.19	Consumer Cyclical
⊖ Kotak Mahindra Bank Ltd	1.57	16.01	-5.17	Financial Services
Airbus SE	1.49	17.50	11.04	Industrials
$\ominus$ MercadoLibre Inc	1.33	18.83	55.75	Consumer Cyclical
$\ominus$ AIA Group Ltd	1.24	20.07	-4.78	Financial Services
$\oplus$ Sea Ltd ADR	1.17	21.24	66.35	Consumer Cyclical

## Total Holdings 592

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

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## American Funds Washington Mutual R6 RWMGX

Portfolio Manager(s)

Alan Berro since 07-1997 Jeffrey Lager since 07-2004 Alan Wilson since 07-2013 Diana Wagner since 06-2014 Jin Lee since 07-2014 Eric Stern since 11-2014 Irfan Furniturewala since 06-2015 Emme Kozloff since 07-2016 Mark Casey since 07-2016

## Quantitative Screens

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

Management: The fund's management has been in place for 25.76 years.

× Style: The fund has landed in its primary style box — Large Blend — 30 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.26 is 65.79% lower than the Large Blend category average.

## **Morningstar Investment Management LLC Analysis**

This fund fails our style consistency screen as the portfolio has slightly drifted from the large-blend portion of the Morningstar style box to the large-value portion however, the underlying investment strategy remains consistent so we are not concerned with this style failure.

## ESG Metrics

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





Growth of \$10,000

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Alpha

Beta

R-Squared

4.87 Fund Investment Category Median 4.33 Peer Group Median 3.79 3.25 Quartile Rank 2.71 2.16 1.62 1.08 0.54 0.00 Fund vs Fund vs Peer Group Category 19 15 Percentile 282/1502 135/900 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.

10 Category 5 Ο -5 -10 Average annual, if greater than 1 year Since Inception Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund Bmark Cat 2.31 -0.27 0.94 0.83 90.91 94.87 Standard Deviation 16 80 19.23 18 62 Sharpe Ratio 1.01 0.92 0.88 Tracking Error 6.00 3.97 Information Ratio -0.08 -1.04 Up Capture Ratio 87.76 93.75 Down Capture Ratio 80.42 94.82 **Portfolio Metrics** Fund Bmark Cat

Price/Earnings Ratio	17.99	19.90	18.81
Price/Book Ratio	3.32	3.64	3.46
Geom Avg Mkt Cap \$B	138.45	170.30	224.69
ROE	28.89	29.71	27.68

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Morningstar Category Large Blend

۷

Morningstar Index S&P 500 TR USD

35

30k

25

V Manager Change

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

Category: \$10,000

Performance Quartile

(Within Category)

Total Return %

+/- Benchmark

+/- Category

Turnover %

Expense Ratio

**Total Return %** 

as of 03-31-2023

Benchmark

Fund

20%

15

Tot Ret % Rank in Cat

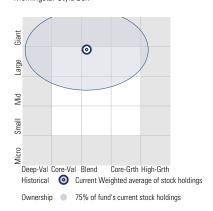
# of Funds in Cat

History

V Partial Mgr Change

## American Funds Washington Mutual R6 RWMGX

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





Value Blend Growth

Weight %

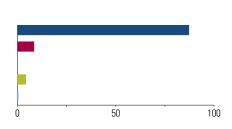
>50 25-50 10-25 0-10

## Top 15 Holdings as of 03-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ Broadcom Inc	5.75	5.75	15.56	Technology
➔ Microsoft Corp	5.72	11.47	20.50	Technology
igodolog Capital Group Central Cash Fund	4.10	15.57	_	-
ightarrow UnitedHealth Group Inc	3.47	19.04	-10.55	Healthcare
$\oplus$ Comcast Corp Class A	2.66	21.70	9.18	Communication Svc
Marsh & McLennan Companies Inc	2.33	24.04	1.00	Financial Services
⇒ Pfizer Inc	2.17	26.21	-19.57	Healthcare
ightarrow The Home Depot Inc	1.78	27.99	-5.90	Consumer Cyclical
$oldsymbol{eta}$ Northrop Grumman Corp	1.76	29.75	-15.06	Industrials
$\oplus$ Philip Morris International Inc	1.70	31.45	-2.66	Consumer Defensive
Eli Lilly and Co	1.58	33.03	-5.82	Healthcare
	1.43	34.47	27.09	Technology
∋ AbbVie Inc	1.39	35.86	-0.47	Healthcare
igodologie JPMorgan Chase & Co	1.32	37.18	-2.08	Financial Services
ige Johnson & Johnson	1.27	38.45	-11.62	Healthcare

## Total Holdings 193

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



Bmark

29.73

2.51

10.46

13.98

2.78

45.90

7.67

4.80

8.71

24.72

24.37

7.13

14.42

2.82

Fund

26.87

2.84

7.29

14.67

2.07

42.17

5.32

5.28

11.69

19.88

30.98

8.86

19.24

2.88

Cat

29.12

2.90

9.75

14 15

2.32

45.39

7.07

4.31

10.48

23.53

25.49

7.41

15.41

2.67

	100.00	100.00
Other	0.26	1.09
Cash	4.21	0.70
Bonds	0.00	0.44
Non-US Stocks	8.34	2.91
US Stocks	87.19	94.85
Asset Class	Net %	Cat%

**Morningstar Index** 

S&P 500 TR USD

**Morningstar Category** 

📕 Large Blend

# Fund • Benchmark Category Average

## Asset Allocation as of 03-31-2023

Sector Weighting as of 03-31-2023

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Energy

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F

Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

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## Baird Aggregate Bond Inst BAGIX

## Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 22.52 years.

Style Consistency is not calculated for Fixed Income funds.

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

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

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

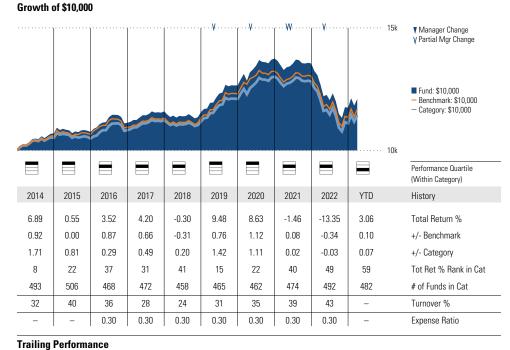
## **ESG Metrics**

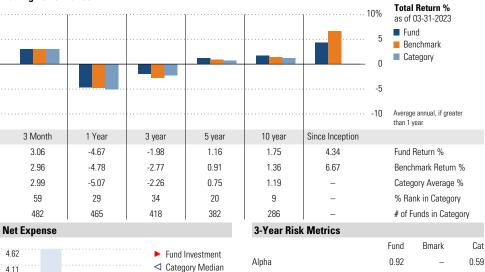
Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
ESG Commitment	1-Low	02-15-2022

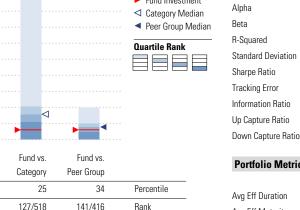


Morningstar Category Morningstar Index Intermediate Core Bond

Bloomberg US Agg Bond 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.

**Portfolio Metrics** Fund Bmark Cat Avg Eff Duration 6.33 4 43 6.00 Avg Eff Maturity 8.35 8.46

1.03

98.67

6.54

-0 45

0.78

1.01

111.68

99.95

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3.59

3.08

2.57

2.05

1.54

1.03

0.51

0.00



0.99

95.95

6.37

-0.50

1.18

0.32

104.43

96.96

6 2 9

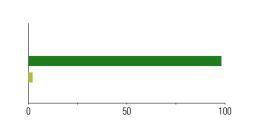
-0 60

# Baird Aggregate Bond Inst BAGIX

## 

Ltd Mod Ext Duration

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



#### Asset Class Net % Cat% US Stocks 0.09 0.00 Non-US Stocks 0.02 0.00 Bonds 98.04 95.20 Cash 1.97 3.36 Other 0.00 1.32 Total 100.00 100.00

## Sector Weighting as of 03-31-2023

Asset Allocation as of 03-31-2023

	Fund	Bmark	Cat	Fund	,	Benchma	rk 🛛 C	ategory	Average			
Government	22.82	-	32.13								]	
Treasury	22.80	-	25.85									
Inflation – Protected	0.00	-	1.50	1								
Agency/Quasi Agency	0.02	-	1.06	10								
Other Government Related	0.00	_	3.72		0							
Corporate	38.17	-	24.91						0			
Corporate Bond	38.17	-	24.86						]			
Bank Loan	0.00	-	0.03	0								
Convertible	0.00	-	0.01	ĺ.								
Preferred	0.00	-	0.01	0								
Securitized	36.14	-	36.79									
Agency MBS Pass-Through	21.82	-	27.88							[		
Agency MBS ARM	0.00	-	0.31	0								
Agency MBS CMO	3.02	-	1.52									
Non-Agency Residential MBS	0.79	-	0.23	0								
Commercial MBS	4.89	-	0.56	(								
Asset-Backed	5.62	-	6.29									
Covered Bond	0.00	-	0.00	0								
Municipal	0.95	-	0.88									
Cash & Equivalents	1.93	-	4.48									
Other	0.00	-	0.80									
				0%	5	10	15	20	25	30	35	

## Top 10 Holdings as of 03-31-2023

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

## Total Holdings 1654

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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Morningstar Category Mor Intermediate Core Bond Blog

Morningstar Index

Bloomberg US Agg Bond TR USD

# BlackRock Inflation Protected Bond Instl BPRIX

Portfolio Manager(s)

Christopher Allen since 02-2017 David Rogal since 03-2018

## 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 has been in place for 6.13 years.

Style Consistency is not calculated for Fixed Income funds.

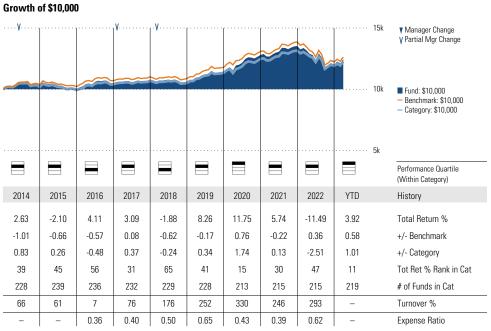
Net Expense: The fund's expense ratio of 0.35 is 39.66% lower than the Inflation-Protected Bond category average.

## **Morningstar Investment Management LLC Analysis**

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

## **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	09-30-2022

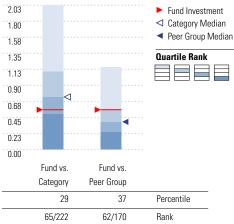


Morningstar Category

Inflation-Protected Bond







Alpha 0.76 0.93 Beta 0.90 1 04 99.04 92.97 **R-Squared** Standard Deviation 7 39 7 10 6.63 Sharpe Ratio 0.22 0.12 0.29 Tracking Error 0.77 2.03 Information Ratio 1.08 0.14 Up Capture Ratio 106.16 94.57 97.92 84.84 Down Capture Ratio

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.93	4.52	6.46
Avg Eff Maturity	7.23	-	6.93

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

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

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Morningstar Index Bloomberg US Treasury US TIPS TR

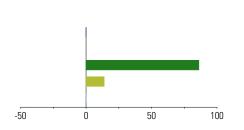
USD



## BlackRock Inflation Protected Bond Instl BPRIX

## Style Analysis as of 03-31-2023 Style Breakdown





Asset Class	Net %	Cat%
US Stocks	0.10	0.00
Non-US Stocks	0.00	0.00
Bonds	86.13	96.60
Cash	13.81	3.10
Other	-0.04	0.29
Total	100.00	100.00

## Sector Weighting as of 03-31-2023

Asset Allocation as of 03-31-2023

Fund	Bmark	Cat
96.79	0.00	97.23
0.10	99.60	0.21
0.14	0.00	0.52
0.71	0.00	0.98
0.05	0.00	0.12
0.09	0.00	0.04
0.00	0.00	0.01
2.12	0.40	0.89
	96.79 0.10 0.14 0.71 0.05 0.09 0.00	96.79         0.00           0.10         99.60           0.14         0.00           0.71         0.00           0.05         0.00           0.09         0.00           0.00         0.00

	Fund	Bmark	Cat	Fund	<ul> <li>Benchmark</li> </ul>	Category Average	
Government	76.84	-	90.66				
Treasury	0.43	-	1.23	I]			
Inflation - Protected	73.16	-	85.35				
Agency/Quasi Agency	0.00	-	0.09	0			
Other Government Related	3.25	-	3.99				
Corporate	0.10	-	1.97	10			
Corporate Bond	0.10	-	1.91	i []			
Bank Loan	0.00	-	0.06	0			
Convertible	0.00	-	0.00	0			
Preferred	0.00	-	0.00	0			
Securitized	4.69	-	4.09				
Agency MBS Pass-Through	1.40	-	0.71	0			
Agency MBS ARM	0.00	-	0.00	0			
Agency MBS CMO	0.04	-	0.40				
Non-Agency Residential MBS	0.18	-	0.44	0			
Commercial MBS	0.52	-	0.51	[			
Asset-Backed	2.55	-	1.95				
Covered Bond	0.00	_	0.08	0			
Municipal	0.00	-	0.04	0			
Cash & Equivalents	17.41	-	3.22				
Other	0.97	-	0.03				

% Net Asset

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

Fixed Income Sector

Cumulative %

# Top 10 Holdings as of 03-31-2023 Name

igodot Barclays Capital Us Tips Index (Se	_	100.13	100.13 –	
igodot Barclays Capital Us Tips Index (Se	-	100.13	200.26 —	
蓉 Cash Offset	-	23.08	223.34 —	
$\odot$ Us 2Yr Note Jun 23	-	5.75	229.09 —	
① United States Treasury Notes	10-2027	5.48	234.57 —	
igodot United States Treasury Notes	07-2032	3.79	238.36 –	
$\odot$ Three-Month Sofr Future Dec 23	-	3.78	242.14 —	
⊖ Jpn 10Yr Bond (Ose) Jun 23	-	3.62	245.75 —	
$\odot$ 3 Month Euribor Future June 23	06-2023	3.54	249.29 —	
⊖ United States Treasury Notes	01-2032	3.49	252.78 –	

Maturity Date

## Total Holdings 306

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

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Morningstar Category N Inflation-Protected Bond

Morningstar Index Bloomberg US Treasury US TIPS TR USD

## Eaton Vance Income Fund of Boston I EIBIX

## Portfolio Manager(s)

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

#### Quantitative Screens

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

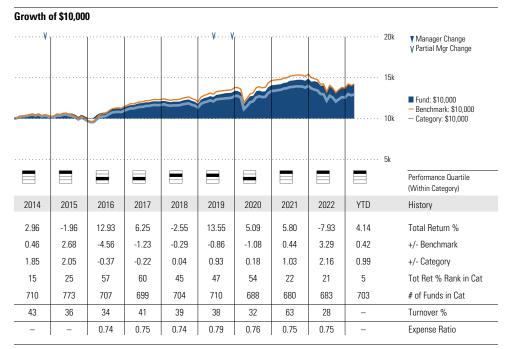
Management: The fund's management has been in place for 8.41 years.

Style Consistency is not calculated for Fixed Income funds.

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

## **Morningstar Investment Management LLC Analysis**

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



Morningstar Category

High Yield Bond





0.00	
0.00	
Fund vs. Fund vs.	
Category Peer Group	
45 72 Percentile	-
321/711 336/467 Rank	-

 Fund
 Bmark

 Avg Eff Duration
 4.18

 Avg Eff Maturity
 5.42

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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Cat

3.56

5.66

Morningstar Index

ICE BofA US High Yield TR USD

## Eaton Vance Income Fund of Boston I EIBIX

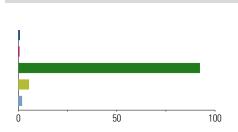
## Style Analysis as of 03-31-2023





Duration

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



## Sector Weighting as of 03-31-2023

	Fund	Bmark	Cat	Fund	۲	Ber	ichm	ark		Cate	gor	y Av	/era	ge		
Government	0.00	_	2.03	i 🛛												
Treasury	0.00	-	1.47	10												
Inflation – Protected	0.00	-	0.01	0												
Agency/Quasi Agency	0.00	-	0.11	0												
Other Government Related	0.00	_	0.44	]												
Corporate	97.09	-	87.74							-						
Corporate Bond	92.27	-	85.94		-				-	-	-		-			
Bank Loan	3.68	-	1.26	0												
Convertible	0.32	-	0.45	0												
Preferred	0.82	_	0.09	0												
Securitized	0.00	-	1.39	10												
Agency MBS Pass-Through	0.00	-	0.03	0												
Agency MBS ARM	0.00	-	0.00													
Agency MBS CMO	0.00	-	0.07													
Non-Agency Residential MBS	0.00	-	0.15	0												
Commercial MBS	0.00	-	0.08	[												
Asset-Backed	0.00	-	1.06	0												
Covered Bond	0.00	_	0.00	]												
Municipal	0.00	-	0.03	0												
Cash & Equivalents	2.91	-	5.61													
Other	0.00	-	3.22	[]												

 $0\% \ 5 \ 10 \ 15 \ 20 \ 25 \ 30 \ 35 \ 40 \ 45 \ 50 \ 55 \ 60 \ 65 \ 70 \ 75 \ 80 \ 85 \ 90 \ 9\mathbf{\overline{3}00}$ 

## Top 10 Holdings as of 03-31-2023

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

## Total Holdings 446

🕀 Increase \ominus Decrease 🕸 New to Portfolio

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Morningstar CategoryMHigh Yield BondIC

Asset Class

US Stocks

Bonds

Cash

Other

Total

Non-US Stocks

Morningstar Index ICE BofA US High Yield TR USD

Net %

0.56

0.35

92.19

5.22

1.68

100.00

Cat%

0.57

0.04

93.07

4.76

1.55

100.00

Asset Allocation	as of 03-31-2023

## Federated Hermes Govt Ultrashort IS FGUSX

## Portfolio Manager(s)

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

## Quantitative Screens

× Performance: The fund has finished in the Ultrashort Bond category's top three quartiles in 6 of the 10 years it's been in existence.

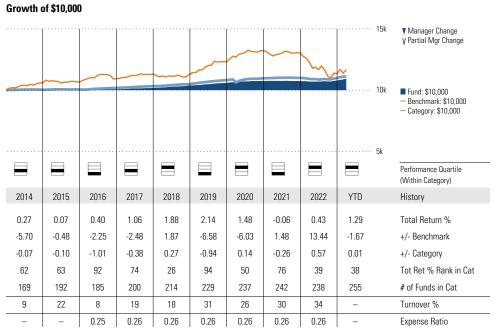
Management: The fund's management has been in place for 25.74 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.26 is 42.22% lower than the Ultrashort Bond category average.

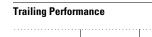
## **Morningstar Investment Management LLC Analysis**

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

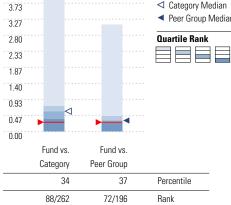


**Morningstar Category** 

Ultrashort Bond







1.04	_	Cate	egory Avera	je %	
67	-	% Rank in Category			
106	-	# of	Funds in Ca	tegory	
3-Year Risk	Metrics				
		Fund	Bmark	Cat	
Alpha		1.14	-	1.80	
Beta		0.06	-	0.11	
R-Squared		31.65	-	28.48	
Standard Devia	tion	0.65	6.29	1.30	
Sharpe Ratio		-0.29	-0.60	0.10	
Tracking Error		5.94	-	5.74	
Information Rat	io	0.63	-	0.75	
Up Capture Rat	io	12.35	-	23.31	
Down Capture I	Ratio	-1.27	-	1.33	
Portfolio M	otrice				

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

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

Bloomberg US Agg Bond TR USD

## Federated Hermes Govt Ultrashort IS FGUSX

## Style Analysis as of 03-31-2023





Duration

Asset Allocati	ion as of 03-31-2023		
			Asset Class
1			US Stocks
			Non-US S
			Bonds
			Cash
	-		
			Other
U	50	100	Total

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

## Sector Weighting as of 03-31-2023

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

	Fund	Bmark	Cat	Fund 🔻	Benchmark	Category Average
Government	3.78	-	24.26			
Treasury	1.06	-	17.14		0	
Inflation – Protected	0.00	-	0.00	0		
Agency/Quasi Agency	2.72	-	3.10			
Other Government Related	0.00	-	4.02			
Corporate	0.00	-	30.09			Ū.
Corporate Bond	0.00	-	29.92			Ó
Bank Loan	0.00	-	0.09	0		
Convertible	0.00	-	0.08	0		
Preferred	0.00	-	0.00	0		
Securitized	67.95	-	22.82		]	
Agency MBS Pass-Through	0.27	-	4.56			
Agency MBS ARM	0.14	-	0.58	0		
Agency MBS CMO	67.54	-	1.67			
Non-Agency Residential MBS	0.00	-	0.19			
Commercial MBS	0.00	-	0.57	0		
Asset-Backed	0.00	-	15.25		]	
Covered Bond	0.00	-	0.00			
Municipal	0.00	_	0.82	0		
Cash & Equivalents	28.27	-	20.07		0	
Other	0.00	-	1.92			
				0% 5 10	15 20 2	5 30 35 40 45 50 55 60 65 70

#### Top 10 Holdings as of 03-31-2023

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

## Total Holdings 182

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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Morningstar Category Ultrashort Bond

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

## Fidelity® Contrafund® FCNTX

## Portfolio Manager(s)

William Danoff since 09-1990

#### **Quantitative Screens**

*Q 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 32.56 years.

Style: The fund has landed in its primary style box — Large Growth — 93.75 % of the time over the past three years.

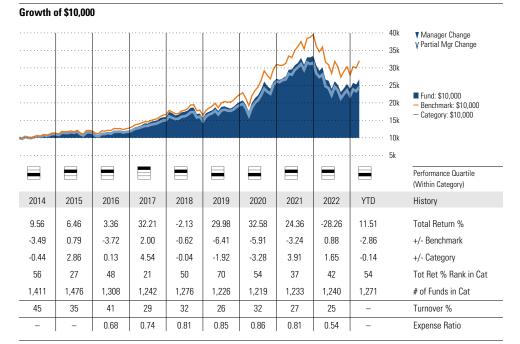
Net Expense: The fund's expense ratio of 0.55 is 42.11% lower than the Large Growth category average.

## **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	2	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Alpha

Beta

**R-Squared** 

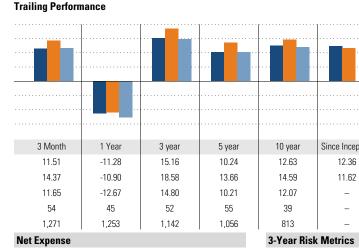
Sharpe Ratio

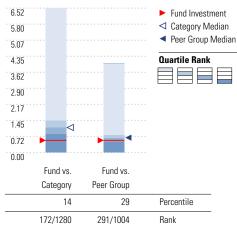
Tracking Error

Information Ratio

Up Capture Ratio

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.

15 Fund 10 Benchmark 5 Category 0 -5 -10 -15 Average annual, if greater than 1 year Since Inception Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund Bmark Cat -1.50 -2.96 0.91 0.97 \_ 97.81 92.72 Standard Deviation 21 10 23.06 23 27 0.72 0.80 0.66 3.81 6.33 -0.89 -0.78 87.61 89.90 Down Capture Ratio 91.50 97.84

**Total Return %** 

as of 03-31-2023

20%

#### **Portfolio Metrics** Fund Bmark Cat Price/Farnings Batio 19 69 25.33 25 60

THEE/ Lattings hatto	13.03	20.00	23.00
Price/Book Ratio	3.77	8.50	6.47
Geom Avg Mkt Cap \$B	277.81	241.97	295.21
ROE	25.62	39.31	33.93

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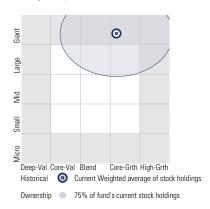


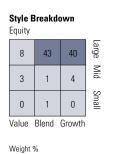
**Morningstar Category** Morningstar Index

Russell 1000 Growth TR USD

# Fidelity® Contrafund® FCNTX

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





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

## Top 15 Holdings as of 03-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\ominus$ Meta Platforms Inc Class A	8.98	8.98	76.12	Communication Svc
earrowBerkshire Hathaway Inc Class A	8.93	17.90	-0.66	Financial Services
∋ Microsoft Corp	6.42	24.32	20.50	Technology
$\ni$ Amazon.com Inc	5.26	29.58	22.96	Consumer Cyclical
$\oplus$ Apple Inc	4.62	34.21	27.09	Technology
∋ UnitedHealth Group Inc	4.54	38.74	-10.55	Healthcare
€ Fidelity Revere Str Tr	3.26	42.01	_	-
∋ NVIDIA Corp	2.80	44.81	90.10	Technology
⇒ Alphabet Inc Class A	2.35	47.16	17.57	Communication Svc
$\ominus$ Regeneron Pharmaceuticals Inc	2.17	49.33	13.89	Healthcare
⊖ Alphabet Inc Class C	2.02	51.35	17.21	Communication Svc
$\ominus$ Eli Lilly and Co	1.94	53.29	-5.82	Healthcare
∋ Amphenol Corp Class A	1.78	55.06	7.60	Technology
$oldsymbol{eta}$ Visa Inc Class A	1.50	56.56	8.74	Financial Services
∋ Netflix Inc	1.42	57.98	17.16	Communication Svc

## Total Holdings 358

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

•

50

100

Cat

27.83

1.53

14.36

10.48

1.46

51.38

8.51

2.35

6.90

33.62

20.77

4.35

15.92

0.50

Bmark

24.90

1.24

15.06

7 04

1.56

56.95

6.69

1.48

8.07

40.71

18.14

6.14

11.95

0.05

Fund

30.83

3.30

10.54

16.96

0.03

51.51

16.75

5.65

5.13

23.98

17.65

2.85

14.56

0.24

Asset Allocation as of 03-31-2023

Sector Weighting as of 03-31-2023

0

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Energy

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F

Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

Othor		
Other	2.40	1.08
Cash	3.25	1.38
Bonds	0.00	0.00
Non-US Stocks	5.45	4.85
US Stocks	88.90	92.67
Asset Class	Net %	Cat%

**Morningstar Index** 

Russell 1000 Growth TR USD

**Morningstar Category** 

Large Growth

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

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## MFS International Growth R4 MGRVX

## Portfolio Manager(s)

Kevin Dwan since 01-2012 Matthew Barrett since 03-2015

## 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 11.25 years.

× Style: The fund has landed in its primary style box ----Large Growth — 63.64 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.82 is 21.9% lower than the Foreign Large Growth category average.

## **Morningstar Investment Management LLC Analysis**

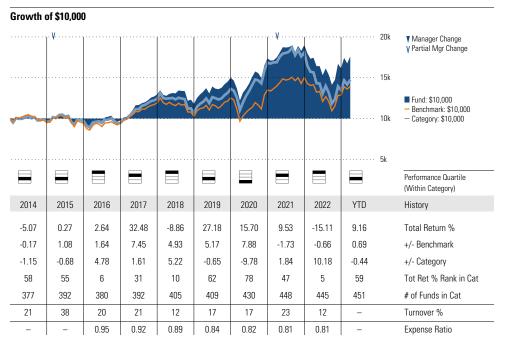
This fund fails the style consistency screen because it tends to plot near the border of large-cap blend and large-cap growth in the Morningstar Stylebox. However, the fund's investment style is consistent and we are not concerned about this screen result.

Updated

12-31-2022

## **ESG Metrics** Metric Rating 03-31-2023

Sustainability Rating	4	
Carbon Risk Score	Low Risk	





0.7

0.74	•			<b>&gt;</b>			
0.37				•••			
0.00							
	Fund v	s.		Fund v	s.		
	Catego	ry	Р	eer Grou	р		
	2	8		5	6	Percentile	
	127/45	52		222/39	18	Rank	
Poor group		haat	of th		any and	includes funds with	the

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

Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Bmark Cat -2.31 1 04 83.47 18 16 20.74 0 70 0.53 8.56 Information Ratio 0.01 -0.29 Up Capture Ratio 97.94 101.98 Down Capture Ratio 96.57 114.93 **Portfolio Metrics** Fund Bmark Cat

Price/Earnings Ratio	23.38	13.67	19.87
Price/Book Ratio	2.99	1.68	3.08
Geom Avg Mkt Cap \$B	60.49	45.57	55.43
ROE	17.58	17.90	20.63

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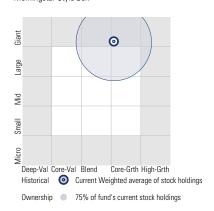
**Morningstar Category** Morningstar Index

Foreign Large Growth

MSCI EAFE NR USD

## MFS International Growth R4 MGRVX

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





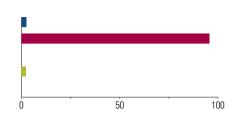


Weight %

<25

>50 25-50 10-25 0-10

## World Regions % Equity 03-31-2023



## Sector Weighting as of 03-31-2023

Asset Allocation as of 03-31-2023

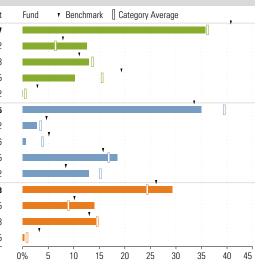
		Fund	Bmark	Cat
Դ	Cyclical	35.73	40.60	36.17
æ.	Basic Materials	12.61	7.74	6.42
	Consumer Cyclical	12.94	10.93	13.68
ц.	Financial Services	10.18	19.19	15.55
ŵ	Real Estate	0.00	2.74	0.52
V.	Sensitive	35.01	33.42	39.45
	Communication Services	2.82	4.52	3.52
0	Energy	0.66	5.00	3.86
¢	Industrials	18.55	15.60	16.85
	Technology	12.98	8.30	15.22
	Defensive	29.27	25.98	24.38
F	Consumer Defensive	14.04	9.99	8.95
٠	Healthcare	14.86	12.89	14.58
9	Utilities	0.37	3.10	0.85

#### Asset Class Net % Cat% US Stocks 2.36 6.40 Non-US Stocks 95.50 91.07 Bonds 0.00 0.02 Cash 2.14 1.90 Other 0.00 0.61 Total 100.00 100.00

Morningstar Index

MSCI EAFE NR USD

Morningstar Category Foreign Large Growth



	Greater Asia	Fund % 29.04	Cat % 27.53	Americas	Fund % 11.71	Cat % 14.23	Greater Europe	Fund % 59.26	Cat % 58.24	Market Maturity	Fund %
	Japan	8.89	11.13	North America	9.80	12.15	United Kingdom	12.03	12.57	Developed Markets	90.15
	Australasia	1.11	1.73	Central/Latin	1.91	2.08	W euro-ex UK	46.82	45.01	Emerging Markets	9.85
	Asia-4 Tigers	11.10	6.47				Emrgng Europe	0.00	0.02	Not Available	0.00
	Asia-ex 4 Tigers	7.94	8.20				Africa	0.41	0.64		
	Not Classified	0.00	0.00								
>75											

Top 10 Holdings as of 03-31-2023

25-50

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Nestle SA	4.47	4.47	4.03	Consumer Defensive
EVMH Moet Hennessy Louis Vuitton SE	4.15	8.62	24.19	Consumer Cyclical
m lacksquare Roche Holding AG	3.97	12.59	-6.90	Healthcare
€ SAP SE	3.70	16.29	20.41	Technology
🕀 Hitachi Ltd	3.39	19.68	8.38	Industrials
€ Schneider Electric SE	3.30	22.98	17.56	Industrials
m lacksim Taiwan Semiconductor Manufacturing Co Ltd ADR	3.12	26.09	25.48	Technology
€ Linde PLC	3.09	29.19	9.36	Basic Materials
€ AIA Group Ltd	2.70	31.89	-4.78	Financial Services
🕀 Essilorluxottica	2.54	34.43	-1.89	Healthcare

## Total Holdings 87

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

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

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

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

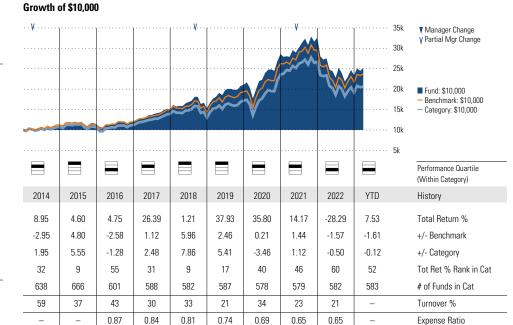
Net Expense: The fund's expense ratio of 0.66 is 38.89% lower than the Mid-Cap Growth category average.

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

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

## **ESG Metrics**

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



Alpha

Beta

**R-Squared** 

Sharpe Ratio

Tracking Error

Information Ratio

Up Capture Ratio

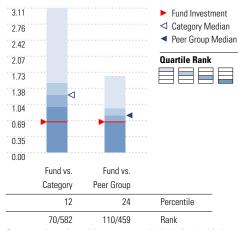
Down Capture Ratio

Morningstar Category

Mid-Cap Growth







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

as of 03-31-2023 15 Fund 10 Benchmark 5 Category 0 -5 -10 -15 Average annual, if greater than 1 year Since Inception Fund Return % 12.59 10.74 Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund Bmark Cat -1.11 -0.20 0.98 0.91 93.89 90.77 Standard Deviation 21 60 23.08 23.92 0.60 0 68 0.64 5.76 7.25 -0.47 -0.24 94.13 98.57

**Total Return %** 

20%

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

100.70

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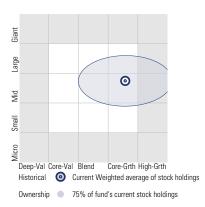
100.96

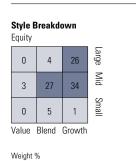
Morningstar Index

Russell Mid Cap Growth TR USD

# MFS Mid Cap Growth R6 OTCKX

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





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

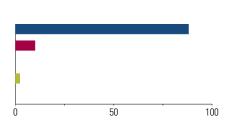
## Top 15 Holdings as of 03-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Cadence Design Systems Inc	3.78	3.78	30.78	Technology
➔ MSCI Inc	3.31	7.09	20.62	Financial Services
	3.19	10.28	41.83	Technology
	3.00	13.28	1.76	Financial Services
➔ AMETEK Inc	2.64	15.92	4.19	Industrials
onumber  onumber	2.37	18.29	8.94	Industrials
	2.22	20.51	0.59	Consumer Cyclical
Đ Wolters Kluwer NV	2.16	22.67	19.02	Industrials
ightarrow Steris PLC	2.14	24.82	3.82	Healthcare
$oldsymbol{ heta}$ Currency Cash CASH_USD	2.12	26.94	-	-
🕀 Ulta Beauty Inc	2.07	29.01	16.33	Consumer Cyclical
$ m egin{array}{c} egin{arr$	2.00	31.01	-1.78	Basic Materials
ightarrow lcon PLC	1.87	32.87	9.96	Healthcare
€ NICE Ltd ADR	1.85	34.72	19.03	Technology
	1.83	36.55	22.18	Technology

#### Total Holdings 86

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

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Bmark

27.76

2.84

16.69

612

2.11

52.45

3.81

4.52

16.27

27.85

19.80

3.20

16.32

0.28

Fund

32.80

2.38

16.48

10.50

3.44

49.15

2.81

2.49

19.05

24.80

18.03

1.05

16.98

0.00

Asset Allocation as of 03-31-2023

Sector Weighting as of 03-31-2023

Basic Materials

Consumer Cyclical

**Financial Services** 

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

Դ Cyclical

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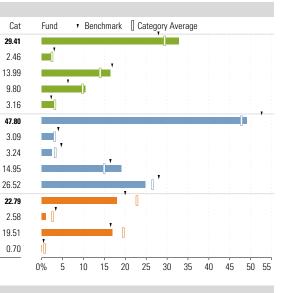
Energy

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F

Utilities

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



Morningstar Category Morningstar Index Russell Mid Cap Growth TR USD

Mid-Cap Growth

## MFS New Discovery R4 MNDJX

## Portfolio Manager(s)

Michael Grossman since 12-2013

#### **Quantitative Screens**

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

*Management:* The fund's management has been in place for 9.25 years.

Style: The fund has landed in its primary style box — Small Growth - 87.5 % of the time over the past three years.

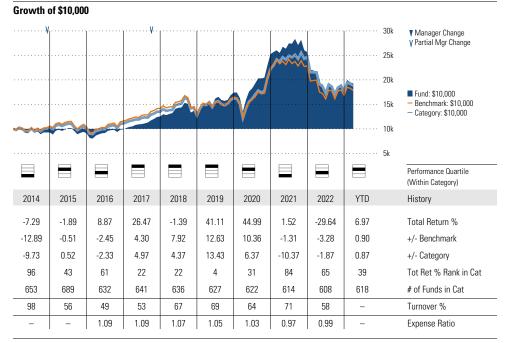
Net Expense: The fund's expense ratio of 0.99 is 16.81% lower than the Small Growth category average.

## **Morningstar Investment Management LLC Analysis**

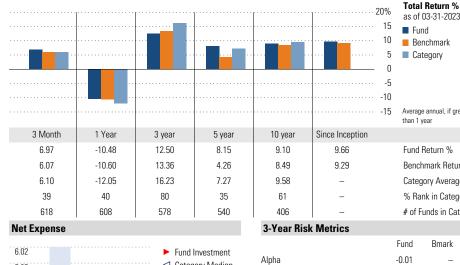
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

#### **ESG Metrics**

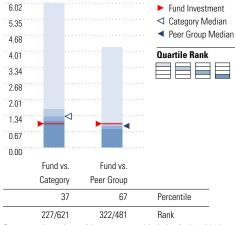
Metric	Rating	Updated
Sustainability Rating	4	03-31-2023
Carbon Risk Score	Medium Risk	12-31-2022



## **Trailing Performance**



Beta



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

Average annual, if greater Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Bmark Cat -0.01 2.48 0.95 0.95 R-Squared 92.42 90.45 Standard Deviation 23 69 24 09 24 19 Sharpe Ratio 0.56 0 59 0.67 Tracking Error 6.65 7.74 Information Ratio -0.13 0.27 Up Capture Ratio 94.32 101.11 Down Capture Ratio 94.85 95.22 **Portfolio Metrics** 

	Fund	Bmark	Cat
Price/Earnings Ratio	21.30	14.30	20.30
Price/Book Ratio	2.98	3.55	3.51
Geom Avg Mkt Cap \$B	3.92	2.74	4.96
ROE	7.93	12.78	15.34

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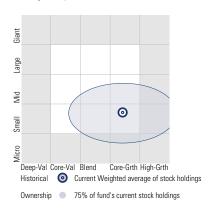
Morningstar Category Morningstar Index

Russell 2000 Growth TR USD

Small Growth

# MFS New Discovery R4 MNDJX

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





Weight %

>50 25-50 10-25 0-10

Value Blend Growth

## Top 15 Holdings as of 03-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Currency Cash CASH_USD	6.23	6.23	_	_
WNS (Holdings) Ltd ADR	2.55	8.78	16.48	Technology
GFL Environmental Inc	2.54	11.32	17.87	Industrials
$oldsymbol{eta}$ Sensata Technologies Holding PLC	2.38	13.70	24.15	Technology
⊖ ChampionX Corp	2.29	15.98	-6.16	Energy
€ ExlService Holdings Inc	2.08	18.06	-4.49	Technology
🕀 Axalta Coating Systems Ltd	2.06	20.12	18.92	Basic Materials
Envista Holdings Corp Ordinary Shares	1.98	22.11	21.41	Healthcare
	1.84	23.94	-1.92	Industrials
Element Solutions Inc	1.82	25.76	6.60	Basic Materials
€ PENN Entertainment Inc	1.79	27.55	-0.13	Consumer Cyclical
igodolog Ollie's Bargain Outlet Holdings Inc	1.72	29.27	23.70	Consumer Defensive
$\ni$ Ritchie Bros Auctioneers Inc	1.71	30.98	-0.42	Industrials
Skechers USA Inc Class A	1.60	32.58	13.28	Consumer Cyclical
Stag Industrial Inc	1.59	34.17	5.81	Real Estate

## Total Holdings 109

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



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 Morningstar Category
 Morningstar Index

 Image: Small Growth
 Russell 2000 Growth TR USD

Asset Class	Net %	Cat%
US Stocks	80.00	92.09
Non-US Stocks	13.82	4.29
Bonds	0.00	0.00
Cash	6.18	2.35
Other	0.00	1.29
Total	100.00	100.00

## Sector Weighting as of 03-31-2023 Fund

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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 Allocation as of 03-31-2023

Ó	50	100

Bmark

23.85

4.97

10.67

6.07

2.14

48.20

2.29

6.82

17.93

21.16

27.94

4.73

21.46

1.75

25.64

6.45

13.84

3.65

1.70

53.79

3.13

7.61

15.11

27.94

20.57

4.37

16.20

0.00

Cat

25.73

2.90

11.57

8.81

2.45

47.39

1.73

4.47

17.99

23.20

26.89

4.62

21.24

1.03

# PIMCO Commodity Real Return Strat I2 PCRPX

## Portfolio Manager(s)

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

#### Quantitative Screens

*Performance:* The fund has finished in the Commodities Broad Basket category's top three quartiles in 7 of the 10 years it's been in existence.

Management: The fund's management has been in place for 4.41 years.

Style Consistency is not calculated for Fixed Income funds.

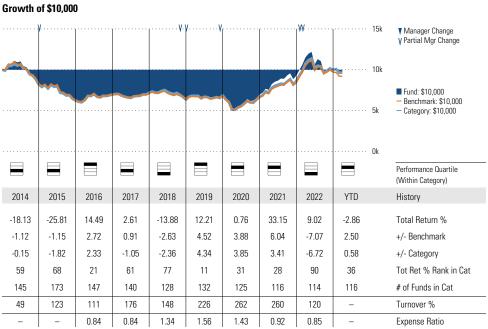
Net Expense: The fund's expense ratio of 0.86 is 18.1% lower than the Commodities Broad Basket category average.

## **Morningstar Investment Management LLC Analysis**

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

#### ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	12-31-2022



10 year

-1.74

-1.72

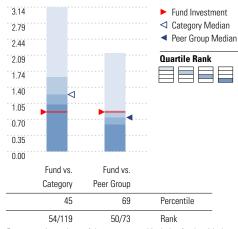
-1 12

68

65

Alpha





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 03-31-2023 25 Fund 20 Benchmark 15 Category 10 5 0 -5 -10 -15 Average annual, if greater than 1 year Since Inception Fund Return % -2.52 2.65 Benchmark Return % Category Average % \_ % Rank in Category # of Funds in Category **3-Year Risk Metrics** Fund Bmark Cat 1.34 3.14

30%

**Total Return %** 

Beta	1.12	-	0.97
R-Squared	95.24	-	82.42
Standard Deviation	18.29	15.88	17.28
Sharpe Ratio	1.24	1.19	1.26
Tracking Error	4.45	-	6.83
Information Ratio	0.93	-	0.37
Up Capture Ratio	113.08	-	102.74
Down Capture Ratio	105.99	-	90.61

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

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Morningstar Index

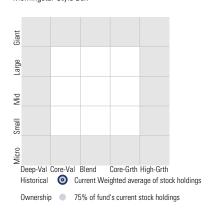
Morningstar Category Commodities Broad Basket

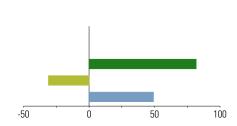
Bloomberg Commodity TR USD

## **Trailing Performance**

# PIMCO Commodity Real Return Strat I2 PCRPX

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





Total	100.00	100.00
Other	49.21	8.14
Cash	-31.00	50.62
Bonds	81.78	39.86
Non-US Stocks	0.00	0.76
US Stocks	0.00	0.62
Asset Class	Net %	Cat%

## Sector Weighting as of 03-31-2023

Asset Allocation as of 03-31-2023

	Fund	Bmark	Cat	Fund	۲B	enchmark	Cate	gory Av	verage			
& Cyclical	-	-	44.68								[	
Basic Materials	-	-	44.68								0	
Consumer Cyclical	-	-	0.00	ĺ.								
Financial Services	-	-	0.00	0								
Real Estate	-	-	0.00	0								
M Sensitive	-	-	51.07									0
Communication Services	-	-	0.00	ĺ.								
Energy	-	-	48.94									
Industrials	-	-	2.13	0								
Technology	-	-	0.00	ĺ								
→ Defensive	-	-	4.26	[								
Consumer Defensive	-	-	4.26	0								
Healthcare	_	-	0.00	]								
Utilities	_	-	0.00									
				0% 5	5 10	15 2	20 25	30	35	40	45	50

## Style Breakdown

Weight %

>50 25-50 10-25 0-10



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

## Total Holdings 874

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

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Morningstar Category Morningstar Index

Commodities Broad Basket Bloomberg Commodity TR USD

# PIMCO Income I2 PONPX

## Portfolio Manager(s)

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

## Quantitative Screens

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

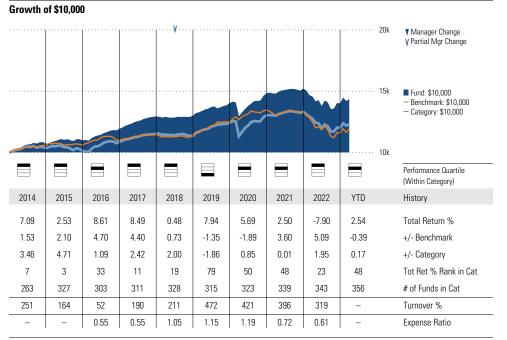
Management: The fund's management has been in place for 16.01 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.61 is 36.46% lower than the Multisector Bond category average.

## Morningstar Investment Management LLC Analysis

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



**Morningstar Category** 

Multisector Bond

Morningstar Index

Bloomberg US Universal 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.

95/234

41

Percentile

Rank

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

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75/358



# PIMCO Income I2 PONPX

## Style Analysis as of 03-31-2023 Style Breakdown



-50 0 50 100 150

Asset Class	Net %	Cat%
US Stocks	1.15	1.13
Non-US Stocks	0.36	0.15
Bonds	129.67	99.84
Cash	-31.68	4.40
Other	0.52	-5.53
Total	100.00	100.00

**Morningstar Index** 

Bloomberg US Universal TR USD

Morningstar Category

Multisector Bond

## Sector Weighting as of 03-31-2023

Asset Allocation as of 03-31-2023

Fund	Bmark	Cat
48.99	67.64	23.04
4.79	3.23	4.63
4.16	10.03	8.90
14.85	10.89	26.04
14.13	3.19	18.79
4.43	3.64	11.23
8.66	1.38	2.88
0.00	0.00	4.48
	48.99 4.79 4.16 14.85 14.13 4.43 8.66	48.99         67.64           4.79         3.23           4.16         10.03           14.85         10.89           14.13         3.19           4.43         3.64           8.66         1.38

	Fund	Bmark	Cat	Fund	,	Benchmar	k [](	Category	Average			
Government	27.36	-	26.79						0			
Treasury	3.37	-	9.45			0						
Inflation – Protected	1.48	-	0.47	(								
Agency/Quasi Agency	0.18	-	0.85	10								
Other Government Related	22.33	-	16.02									
Corporate	5.98	-	38.40									
Corporate Bond	4.47	-	34.01								0	
Bank Loan	1.18	-	2.99									
Convertible	0.04	-	0.73	1								
Preferred	0.29	-	0.67	1								
Securitized	14.33	-	22.51						]			
Agency MBS Pass-Through	2.28	-	7.73			0						
Agency MBS ARM	0.00	-	0.01									
Agency MBS CMO	0.25	-	0.70	1								
Non-Agency Residential MBS	3.61	-	1.12									
Commercial MBS	0.02	-	1.60	1								
Asset-Backed	8.17	-	11.35									
Covered Bond	0.00	-	0.00	0								
Municipal	0.03	-	0.32	0								
Cash & Equivalents	29.48	-	8.58			0						
Other	22.36	-	3.38									
				0%	5	10	15	20	25	30	35	40

## Top 10 Holdings as of 03-31-2023

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

## Total Holdings 7956

🕀 Increase \ominus Decrease 🕸 New to Portfolio

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

Portfolio Manager(s)

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

### Quantitative Screens

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

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

Style Consistency is not calculated for Fixed Income funds.

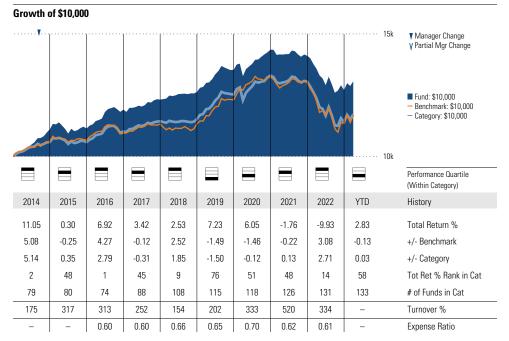
Net Expense: The fund's expense ratio of 0.61 is 15.28% lower than the Global Bond-USD Hedged category average.

## **Morningstar Investment Management LLC Analysis**

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

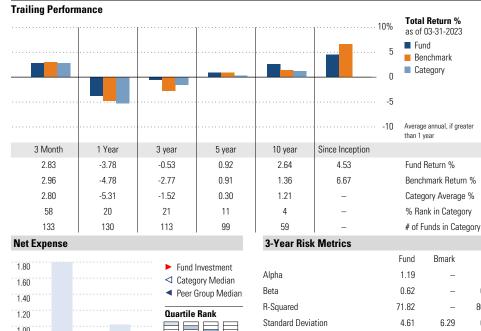
#### ESG Metrics

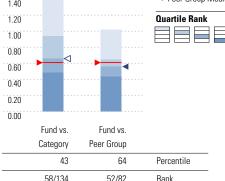
Metric Rating Updated Sustainability Rating 03-31-2023 3



Morningstar Category

Global Bond-USD Hedged





Cat 1.24 0.88 80.50 6.20 Sharpe Ratio -0.34 -0 60 -0.38 Tracking Error 3.41 3.11 Information Ratio 0.66 0.54 Up Capture Ratio 72.05 102.61 Down Capture Ratio 57.08 86.07

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

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

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Morningstar Index

Bloomberg US Agg Bond TR USD

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

## Style Analysis as of 03-31-2023





Duration

А

В

Not Rated

	- 7			
-50	0	50	100	150

Asset Allocation as of 03-31-2023

Sector Weighting as of 03-31-2023

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

#### **Credit Rating Breakdown** Fund Bmark Cat 3.53 32.38 AAA 56.80 AA 13.68 74.59 12.66 16.98 10.82 22.96 BBB 7.77 8.32 19.86 BB 1.88 0.28 4.81 0.65 0.00 1.92 Below B 2.24 0.00 0.44

0.00

2.46

4.98

	Fund	Bmark	Cat	Fund	<ul> <li>Benchmark</li> </ul>	Category Average	
Government	40.62	_	52.68				
Treasury	5.10	-	37.91			0	
Inflation – Protected	0.41	-	0.85	1			
Agency/Quasi Agency	1.49	-	5.03				
Other Government Related	33.62	-	8.89				
Corporate	3.60	-	11.48				
Corporate Bond	2.60	-	11.39		I		
Bank Loan	0.06	-	0.09	0			
Convertible	0.76	-	0.00	D			
Preferred	0.18	-	0.00				
Securitized	8.07	_	5.87				
Agency MBS Pass-Through	2.80	-	3.28				
Agency MBS ARM	0.00	-	0.00				
Agency MBS CMO	0.02	-	0.24	]			
Non-Agency Residential MBS	1.24	-	0.31				
Commercial MBS	0.25	-	0.21	0			
Asset-Backed	2.96	-	1.44				
Covered Bond	0.80	-	0.39	0			
Municipal	0.03	_	0.07	[			
Cash & Equivalents	31.75	-	16.96		]		
Other	15.04	-	12.92				

## Top 10 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊖ 3 Month SOFR Future Dec 23	03-2024	23.07	23.07	_
IRS EUR 1.50000 03/15/23-5Y LCH Pay	03-2028	21.27	44.34	-
IRS EUR 1.50000 03/15/23-5Y LCH Receive	03-2028	19.56	63.90	-
⊕ Euro Schatz Future Mar 23	03-2023	15.07	78.96	-
3 Month SOFR Future June 23	09-2023	13.57	92.54	-
<ul> <li>⊕ 3 Month SOFR Future June 24</li> </ul>	09-2024	11.63	104.16	-
IRS EUR 1.75000 03/15/23-10Y LCH Pay	03-2033	10.93	115.09	-
⊖ RFR USD SOFR/1.75000 06/15/22-5Y LCH Pay	06-2027	10.68	125.77	-
⊖ Euro Bobl Future Mar 23	03-2023	9.90	135.67	-
⊖ RFR USD SOFR/1.75000 06/15/22-5Y LCH Receive	06-2027	9.79	145.46	-

## Total Holdings 1646

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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**Morningstar Category** Global Bond-USD Hedged

**Morningstar Index** 

Bloomberg US Agg Bond TR USD

## T. Rowe Price Dividend Growth PRDGX

## Portfolio Manager(s)

Thomas Huber since 03-2000

#### **Quantitative Screens**

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

*Management:* The fund's management has been in place for 23.01 years.

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

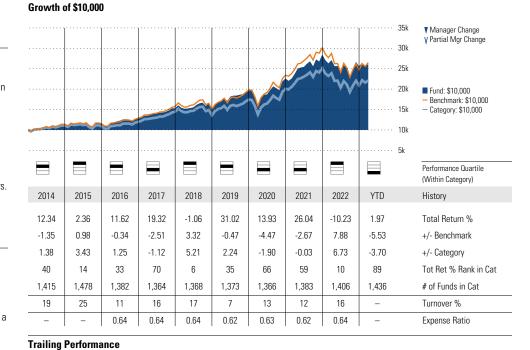
Net Expense: The fund's expense ratio of 0.62 is 18.42% lower than the Large Blend category average.

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

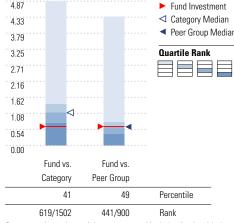
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## **ESG Metrics**

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







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 Bmark Cat -0.27 0.94 94.27 **R-Squared** 94.87 Standard Deviation 16 74 19.23 18 62 Sharpe Ratio 0.97 0.92 0.88 Tracking Error 4.99 3.97 Information Ratio -0.25 -1.04 Up Capture Ratio 88.80 93.75 Down Capture Ratio 85.41 94.82 **Portfolio Metrics** Fund Bmark Cat

Price/Earnings Ratio	22.49	19.90	18.81
Price/Book Ratio	4.07	3.64	3.46
Geom Avg Mkt Cap \$B	130.09	170.30	224.69
ROE	30.95	29.71	27.68

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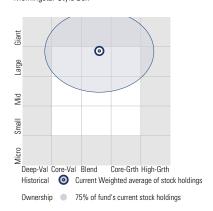


Morningstar Index **Morningstar Category** Large Blend

S&P 500 TR USD

# T. Rowe Price Dividend Growth PRDGX

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







Weight %

>50 25-50 10-25 0-10

## Top 15 Holdings as of 03-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Microsoft Corp	5.13	5.13	20.50	Technology
	4.06	9.19	27.09	Technology
$\ni$ T. Rowe Price Gov. Reserve	3.96	13.15	-	-
ightarrow UnitedHealth Group Inc	2.29	15.44	-10.55	Healthcare
$\oplus$ Visa Inc Class A	1.97	17.41	8.74	Financial Services
➔ Accenture PLC Class A	1.79	19.20	7.53	Technology
$oldsymbol{eta}$ Thermo Fisher Scientific Inc	1.73	20.93	4.73	Healthcare
$\supset$ Marsh & McLennan Companies Inc	1.72	22.65	1.00	Financial Services
	1.71	24.36	-2.08	Financial Services
⊖ Chubb Ltd	1.66	26.01	-11.60	Financial Services
∋ Danaher Corp	1.56	27.57	-4.94	Healthcare
🕀 General Electric Co	1.45	29.02	31.83	Industrials
	1.44	30.46	13.33	Technology
onumber  onumber	1.43	31.90	2.15	Technology
Mondelez International Inc Class A	1.43	33.32	5.18	Consumer Defensive

## Total Holdings 105

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

50 100 0

Bmark

29.73

2.51

10.46

13.98

2.78

45.90

7.67

4.80

8.71

24.72

24.37

7.13

14.42

2.82

Fund

30.73

3.34

8.86

15.64

2.89

36.57

0.89

2.82

13.04

19.82

32.69

10.60

18.67

3.42

Asset Allocation as of 03-31-2023

Sector Weighting as of 03-31-2023

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

Դ Cyclical

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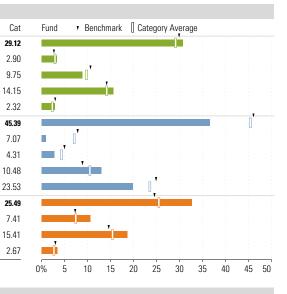
Energy

¢

F

Utilities

#### Asset Class Net % Cat% US Stocks 88.05 94.85 Non-US Stocks 8.01 2.91 Bonds 0.00 0.44 Cash 3.93 0.70 0.00 Other 1.09 Total 100.00 100.00



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**Morningstar Category** 

Morningstar Index

📕 Large Blend S&P 500 TR USD

## Vanguard 500 Index Admiral VFIAX

## Portfolio Manager(s)

Donald Butler since 04-2016 Michelle Louie since 11-2017

## Quantitative Screens

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

*Management:* The fund's management has been in place for 6.93 years.

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

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

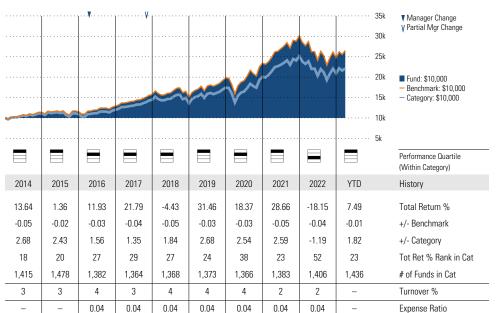
## Morningstar Investment Management LLC Analysis

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

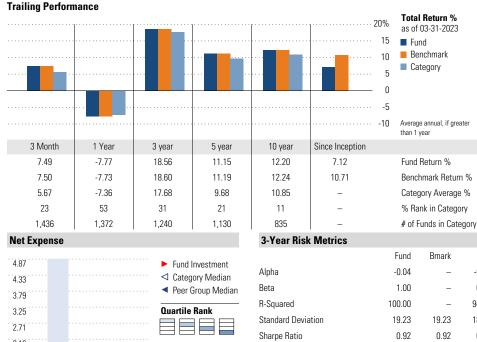
#### **ESG Metrics**

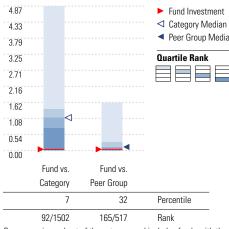
Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022





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.

Bmark Cat -0.27 0.94 94.87 19.23 18 62 0.92 0.88 Tracking Error 0.01 3.97 Information Ratio -4.38 -1.04 Up Capture Ratio 99.95 93.75 Down Capture Ratio 100.07 94.82 **Portfolio Metrics** Fund Bmark Cat

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

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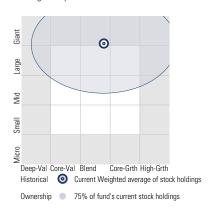


Morningstar Category Morningstar Index

S&P 500 TR USD

# Vanguard 500 Index Admiral VFIAX

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







Weight %

>50 25-50 10-25 0-10

## Top 15 Holdings as of 03-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
ige > Apple Inc	7.12	7.12	27.09	Technology
€ Microsoft Corp	6.23	13.36	20.50	Technology
€ Amazon.com Inc	2.68	16.03	22.96	Consumer Cyclical
∋ NVIDIA Corp	1.99	18.02	90.10	Technology
	1.79	19.81	17.57	Communication Svc
	1.62	21.43	68.42	Consumer Cyclical
Đ Berkshire Hathaway Inc Class B	1.62	23.05	-0.04	Financial Services
ightarrow Alphabet Inc Class C	1.57	24.62	17.21	Communication Svc
igodolog Meta Platforms Inc Class A	1.37	25.99	76.12	Communication Svc
	1.31	27.30	0.24	Energy
onumber  onumber	1.28	28.58	-10.55	Healthcare
Đ Johnson & Johnson	1.18	29.76	-11.62	Healthcare
m lacksquare JPMorgan Chase & Co	1.11	30.87	-2.08	Financial Services
$\ni$ Visa Inc Class A	1.06	31.93	8.74	Financial Services
Đ Procter & Gamble Co	1.02	32.95	-1.29	Consumer Defensive

Asset Allocation as of 03-31-2023

Sector Weighting as of 03-31-2023

50

Fund

27.86

2.39

10.42

12.42

2.63

47.82

8.11

4.61

8.42

26.68

24.32

7.17

14.28

2.87

Bmark

29.73

2.51

10.46

13.98

2.78

45.90

7.67

4.80

8.71

24.72

24.37

7.13

14.42

2.82

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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** 

## Total Holdings 509

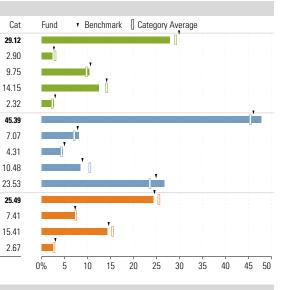
 $\oplus$  Increase  $\oplus$  Decrease R New to Portfolio



Ategory Morningstar Index S&P 500 TR USD

Large Blend S&P

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





## Vanguard Developed Markets Index Admiral VTMGX

Portfolio Manager(s)

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

#### Quantitative Screens

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

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

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

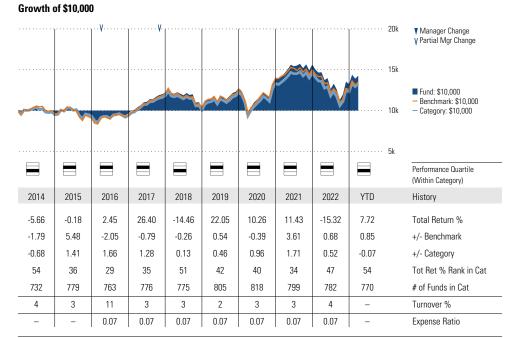
Net Expense: The fund's expense ratio of 0.07 is 92.13% lower than the Foreign Large Blend category average.

#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

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



Alpha

Beta

**R-Squared** 

Sharpe Ratio

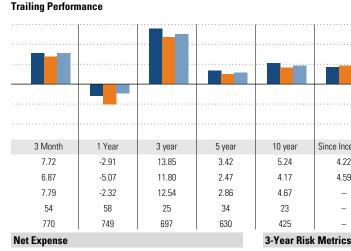
Tracking Error

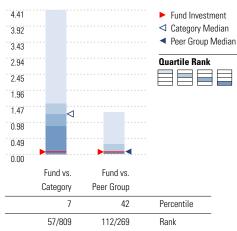
Information Ratio

Up Capture Ratio

**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.

Fund 10 Benchmark 5 Category 0 -5 -10 Average annual, if greater than 1 year Since Inception 4.22 Fund Return % 4.59 Benchmark Return % Category Average % \_ % Rank in Category # of Funds in Category Fund Bmark Cat 1.08 0.60 1 03 1 09 \_ 96.13 93.21 Standard Deviation 19 22 17.35 18 58 0.71 0.66 0.68 4.06 4.87 0.51 0.22 113.12 106.57 Down Capture Ratio 110.42 105.88

**Total Return %** 

as of 03-31-2023

15%

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	12.90	12.70	13.48
Price/Book Ratio	1.55	1.66	1.77
Geom Avg Mkt Cap \$B	29.03	41.43	52.17
ROE	16.33	17.72	19.32

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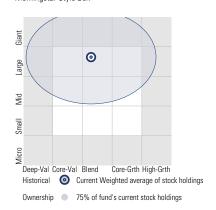


Morningstar Index

MSCI ACWI Ex USA NR USD

## Vanguard Developed Markets Index Admiral VTMGX

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





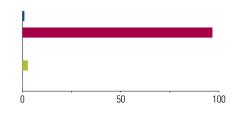


Weight %

<25

>50 25-50 10-25 0-10

#### World Regions % Equity 03-31-2023



#### Sector Weighting as of 03-31-2023

Asset Allocation as of 03-31-2023

		Fund	Bmark	Cat
Դ	Cyclical	40.95	42.87	39.54
æ.	Basic Materials	8.38	8.26	7.59
<b>~</b>	Consumer Cyclical	11.00	11.04	11.00
цф	Financial Services	18.14	21.23	19.01
ŵ	Real Estate	3.43	2.34	1.94
w	Sensitive	36.53	36.20	36.01
g	Communication Services	4.28	6.07	4.76
0	Energy	5.39	5.92	5.38
¢	Industrials	16.36	12.74	15.53
	Technology	10.50	11.47	10.34
	Defensive	22.52	20.93	24.45
F	Consumer Defensive	8.55	8.48	9.74
٠	Healthcare	10.91	9.48	11.95
2	Utilities	3.06	2.97	2.76

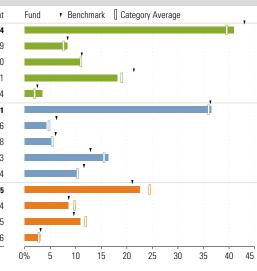
Asset Class Net % Cat% US Stocks 0.80 3.05 Non-US Stocks 96.50 94.40 Bonds 0.00 0.28 Cash 2.56 1.03 Other 0.13 1.23 Total 100.00 100.00

Morningstar Index

MSCI ACWI Ex USA NR USD

**Morningstar Category** 

Foreign Large Blend



	Greater Asia	Fund % 35.68	Cat % 35.05	Americas	Fund % 10.46	Cat % 8.50	Greater Europe	Fund % 53.87	Cat % 56.45	Market Maturity	Fund %
	Japan	20.43	17.81	North America	10.36	7.32	United Kingdom	12.05	13.67	Developed Markets	99.43
	Australasia	7.06	5.25	Central/Latin	0.10	1.18	W euro-ex UK	40.97	41.68	Emerging Markets	0.57
	Asia-4 Tigers	7.99	6.73				Emrgng Europe	0.27	0.08	Not Available	0.00
	Asia-ex 4 Tigers	0.20	5.26				Africa	0.58	1.02		
	Not Classified	0.00	0.00								
>75											

Top 10 Holdings as of 03-31-2023

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Slcmt1142	1.72	1.72	_	_
€ Nestle SA	1.55	3.27	4.03	Consumer Defensive
➔ ASML Holding NV	1.30	4.57	24.37	Technology
Novo Nordisk A/S Class B	1.17	5.74	16.63	Healthcare
$\oplus$ Samsung Electronics Co Ltd	1.14	6.88	-	Technology
∋ LVMH Moet Hennessy Louis Vuitton SE	1.07	7.95	24.19	Consumer Cyclical
🕀 AstraZeneca PLC	0.97	8.92	1.58	Healthcare
$\ni$ Shell PLC	0.94	9.85	0.28	Energy
$oldsymbol{eta}$ Roche Holding AG	0.94	10.79	-6.90	Healthcare
igodolog Novartis AG Registered Shares	0.86	11.65	4.03	Healthcare

#### Total Holdings 4087

 $\oplus$  Increase  $\oplus$  Decrease 3 New to Portfolio

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## Vanguard International Value Inv VTRIX

**Morningstar Category** Foreign Large Value

Morningstar Index MSCI EAFE NR USD



#### 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 12.85 years.

× Style: The fund has landed in its primary style box — Large Value - 58.33 % of the time over the past three years.

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

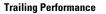
#### **Morningstar Investment Management LLC Analysis**

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

#### **ESG Metrics**

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

Growth	of \$10,000	D								
					[	<b>v</b>	. <b>.</b>		20k	▼ Manager Change γ Partial Mgr Change
								5	15k ≪	
~~~~	~~~	<b>~~~</b>					·/~~		<b>1</b> 0k	<ul> <li>Fund: \$10,000</li> <li>Benchmark: \$10,000</li> <li>Category: \$10,000</li> </ul>
										Performance Quartile (Within Category)
2014	2015	2016	2017	2018	2019	2020	2021	2022	YTD	History
-6.69	-6.44	4.46	27.96	-14.52	20.39	8.99	7.97	-11.66	8.67	Total Return %
-1.79	-5.63	3.46	2.93	-0.73	-1.62	1.17	-3.29	2.79	0.20	+/- Benchmark
-0.37	-3.34	1.12	5.88	0.92	2.59	8.11	-3.86	-2.57	1.34	+/- Category
53	79	30	8	34	21	5	87	75	24	Tot Ret % Rank in Cat
357	410	386	381	382	390	386	362	364	380	# of Funds in Cat
37	36	30	34	28	38	72	33	37	-	Turnover %
_	-	0.43	0.40	0.38	0.37	0.35	0.36	0.38	-	Expense Ratio





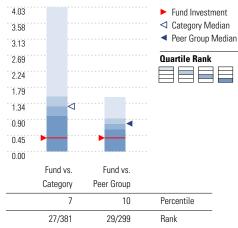
Alpha

Beta

R-Squared

Sharpe Ratio

Tracking Error



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 Benchmark Category Average annual, if greater than 1 year Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund Bmark Cat 1.97 2.09 1 02 0.99 91.94 88.72 Standard Deviation 19.28 18 16 19.08 0.77 0 70 0.76 6.57 5.48 Information Ratio 0.42 0.28 Up Capture Ratio 103.03 101.20 Down Capture Ratio 94.25 92.76

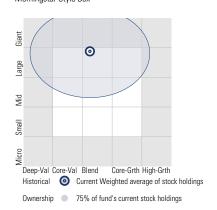
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	13.76	13.67	10.03
Price/Book Ratio	1.69	1.68	1.22
Geom Avg Mkt Cap \$B	31.30	45.57	34.15
ROE	15.68	17.90	15.97

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## Vanguard International Value Inv VTRIX

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





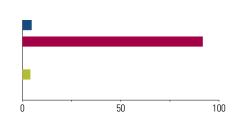


Weight %

<25

>50 25-50 10-25 0-10

#### World Regions % Equity 03-31-2023



#### Sector Weighting as of 03-31-2023

Asset Allocation as of 03-31-2023

		Fund	Bmark	Cat
Դ	Cyclical	43.49	40.60	43.55
æ.	Basic Materials	11.02	7.74	8.86
	Consumer Cyclical	17.50	10.93	10.64
ц.	Financial Services	14.27	19.19	22.49
ŵ	Real Estate	0.70	2.74	1.56
w	Sensitive	40.42	33.42	34.78
	Communication Services	5.68	4.52	5.99
0	Energy	5.96	5.00	7.70
¢	Industrials	18.88	15.60	14.64
	Technology	9.90	8.30	6.45
	Defensive	16.09	25.98	21.69
F	Consumer Defensive	6.31	9.99	7.97
٠	Healthcare	7.25	12.89	10.05
Ç	Utilities	2.53	3.10	3.67

#### Asset Class Net % Cat% US Stocks 4.54 2.77 Non-US Stocks 91.60 95.29 Bonds 0.00 0.04 Cash 3.86 1.62 Other 0.00 0.30

Morningstar Index

MSCI EAFE NR USD

100.00

100.00

**Morningstar Category** 

Foreign Large Value

Total

Fund	1 1	Bench	mark	Categ	Jory Ave	erage		. 7	
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0%	5	10	15	20	25	30	35	40	L

	Greater Asia	Fund % 39.94	Cat % 31.16	Americas	Fund % 10.39	Cat % 8.54	Greater Europe	Fund % 49.67	Cat % 60.30	Market Maturity	Fund %
	Japan	11.28	16.96	North America	6.80	7.45	United Kingdom	15.78	17.60	Developed Markets	80.64
	Australasia	0.77	3.94	Central/Latin	3.59	1.09	W euro-ex UK	33.34	42.05	Emerging Markets	19.36
	Asia-4 Tigers	12.57	7.35				Emrgng Europe	0.00	0.12	Not Available	0.00
	Asia-ex 4 Tigers	15.32	2.91				Africa	0.55	0.53		
>75	Not Classified	0.00	0.00								

Top 10 Holdings as of 03-31-2023

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Mktliq 12/31/2049	2.57	2.57	_	_
$\oplus$ Alibaba Group Holding Ltd Ordinary Shares	2.25	4.82	12.75	Consumer Cyclical
$\oplus$ HSBC Holdings PLC	1.94	6.76	10.32	Financial Services
Airbus SE	1.64	8.40	11.04	Industrials
BP PLC	1.62	10.02	8.73	Energy
⊖ Holcim Ltd	1.57	11.59	23.02	Basic Materials
AIA Group Ltd	1.56	13.15	-4.78	Financial Services
RELX PLC	1.25	14.40	14.42	Industrials
Tencent Holdings Ltd	1.22	15.61	19.46	Communication Svc
Baidu Inc ADR	1.19	16.81	31.95	Communication Svc

#### Total Holdings 211

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

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## Vanguard Real Estate Index Admiral VGSLX

#### Portfolio Manager(s)

Gerard O'Reilly since 05-1996 Walter Nejman since 05-2016

#### Quantitative Screens

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

Management: The fund's management has been in place for 26.9 years.

Style: The fund has landed in its primary style box — Mid-Cap Blend — 94.12 % of the time over the past three years.

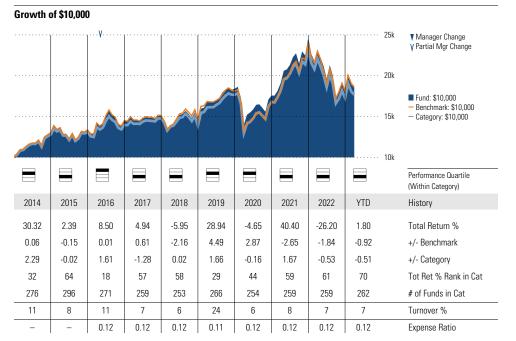
Net Expense: The fund's expense ratio of 0.12 is 88.57% lower than the Real Estate category average.

#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

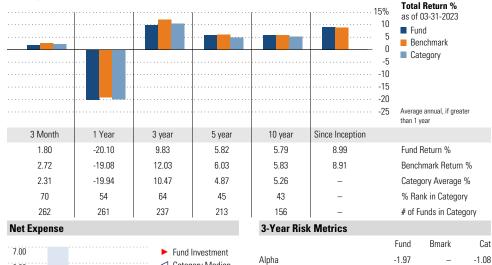
Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Morningstar Category

Real Estate

#### **Trailing Performance**



Beta

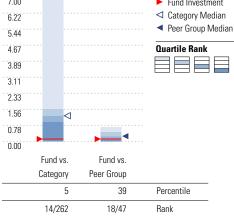
ROE

**R-Squared** 

Sharpe Ratio

Tracking Error

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.

Information Ratio -0.89 -0.48 Up Capture Ratio 97.58 94.13 Down Capture Ratio 104.56 98.38 **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 26 67 38 46 26.96 Price/Book Ratio 2.17 2.42 2.15 Geom Avg Mkt Cap \$B 21 23 935 26.33

1 00

98.52

20 41

0.50

2.48

15.67

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9.56

Cat

0.95

93.02

20.01

0.53

4.83

14.69

\_

20.25

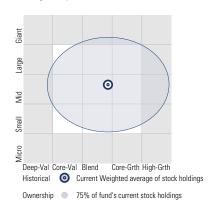
0.60

Morningstar Index

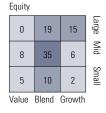
S&P United States REIT TR USD

## Vanguard Real Estate Index Admiral VGSLX

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







#### Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings as of 03-31-2023

0	 E0	100
U	50	100

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

Morningstar Index

S&P United States REIT TR USD

Morningstar Category

Real Estate

#### Sector Weighting as of 03-31-2023

Asset Allocation as of 03-31-2023

	Fund	Bmark	Cat	Fund	۲	Be	nchmar	k	Cat	tego	ry A	ver	age			
• Cyclical	99.18	99.13	99.26											•		
Basic Materials	0.00	0.00	0.04	1												
Consumer Cyclical	0.00	0.13	1.31	0												
Financial Services	0.03	0.00	0.31	Ó												
Real Estate	99.15	99.00	97.60													
<ul> <li>Sensitive</li> </ul>	0.82	0.87	0.67	[												
Communication Services	0.76	0.00	0.20													
Energy	0.00	0.00	0.04	ĺ												
Industrials	0.00	0.87	0.24	I												
Technology	0.06	0.00	0.19													
Defensive	0.00	0.00	0.07	ĺ												
Consumer Defensive	0.00	0.00	0.00													
Healthcare	0.00	0.00	0.01													
Utilities	0.00	0.00	0.06	Í.												

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

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Real Estate II Index	12.37	12.37	_	_
⊖ Prologis Inc	8.04	20.41	11.45	Real Estate
⊖ American Tower Corp	6.64	27.04	-3.55	Real Estate
⊖ Equinix Inc	4.66	31.70	10.60	Real Estate
$\ominus$ Crown Castle Inc	4.04	35.74	-0.17	Real Estate
⊖ Public Storage	3.33	39.08	8.90	Real Estate
⊖ Realty Income Corp	2.77	41.85	1.02	Real Estate
Gimon Property Group Inc     Simon Property Group Inc	2.48	44.33	-3.16	Real Estate
○ Welltower Inc	2.28	46.61	10.30	Real Estate
$\ominus$ SBA Communications Corp Class A	1.97	48.58	-6.56	Real Estate
	1.91	50.49	1.88	Real Estate
⊖ Digital Realty Trust Inc	1.88	52.36	-0.74	Real Estate
igodot AvalonBay Communities Inc	1.64	54.01	5.07	Real Estate
⊖ CBRE Group Inc Class A	1.61	55.61	-5.39	Real Estate
⊖ Weyerhaeuser Co	1.55	57.16	0.71	Real Estate

#### Total Holdings 169

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



## Vanguard Small Cap Value Index Admiral VSIAX

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

*Management:* The fund's management has been in place for 6.93 years.

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

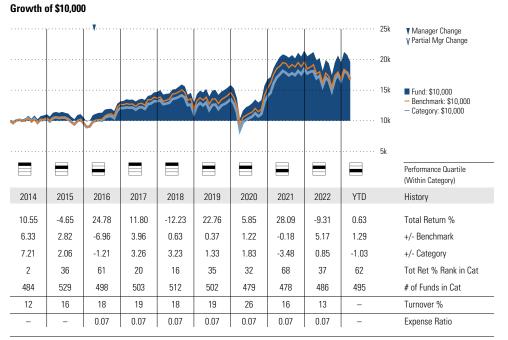
Net Expense: The fund's expense ratio of 0.07 is 93.86% lower than the Small Value category average.

#### 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**

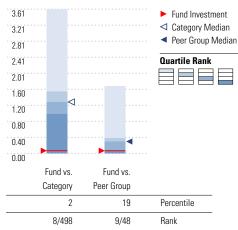
Metric	Rating	Updated
Sustainability Rating	4	03-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Small Value

#### **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.

Average annual, if greater than 1 year Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund Bmark Cat Alpha 3.66 4.01 0.93 0.96 Beta **R-Squared** 97.11 93.02 Standard Deviation 21 66 23.03 22.89 Sharpe Ratio 1.04 0.89 1.03 Tracking Error 4.05 6.15 Information Ratio 0.70 0.65 Up Capture Ratio 98.92 101.34 Down Capture Ratio 88.36 89.27 **Portfolio Metrics** 

	Fund	Bmark	Cat
Price/Earnings Ratio	10.56	10.00	10.53
Price/Book Ratio	1.64	1.33	1.49
Geom Avg Mkt Cap \$B	4.85	1.94	3.66
ROE	16.99	7.30	16.75

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Morningstar Category Morningstar Index

Russell 2000 Value TR USD

## Vanguard Small Cap Value Index Admiral VSIAX

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Energy

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F

Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

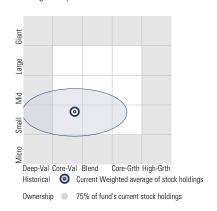
Technology

Defensive

Healthcare

**Consumer Defensive** 

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





Value Blend Growth

Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings as of 03-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ Slcmt1142	0.96	0.96	_	_
∋ IDEX Corp	0.68	1.64	1.45	Industrials
ightarrow Reliance Steel & Aluminum Co	0.59	2.23	27.32	Basic Materials
€ Atmos Energy Corp	0.58	2.82	0.92	Utilities
∋ Bunge Ltd	0.56	3.38	-3.63	Consumer Defensive
$\ominus$ Builders FirstSource Inc	0.51	3.89	36.84	Industrials
$oldsymbol{eta}$ Gaming and Leisure Properties Inc	0.51	4.39	1.80	Real Estate
igodolog Booz Allen Hamilton Holding Corp Class A	0.48	4.87	-10.87	Industrials
ightarrow Kimco Realty Corp	0.47	5.35	-6.70	Real Estate
earrow Carlisle Companies Inc	0.45	5.80	-3.75	Industrials
⇒ RPM International Inc	0.44	6.24	-10.05	Basic Materials
$\ni$ APA Corp	0.44	6.68	-22.22	Energy
∋ Jabil Inc	0.44	7.12	29.38	Technology
ightarrow Life Storage Inc	0.44	7.55	34.30	Real Estate
∋ AECOM	0.44	7.99	-0.51	Industrials

#### Total Holdings 852

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

50

Fund

49.08

6.24

13.37

19.12

10.35

35.32

2.00

4.87

20.88

7.57

15.59

4.73

5.97

4.89

Bmark

53.55

3.58

11.25

25.80

12.92

28.57

2.88

5.82

13.13

6.74

17.88

3.52

9.86

4.50

Sector Weighting as of 03-31-2023

Asset Class	Net %	Cat%
US Stocks	98.26	92.81
Non-US Stocks	0.68	3.20
Bonds	0.00	0.00
Cash	1.06	3.97
Other	0.00	0.02
Total	100.00	100.00

**Morningstar Index** 

Russell 2000 Value TR USD

**Morningstar Category** 

Small Value

100

#### Benchmark [] Category Average Cat Fund 50.91 6.35 14.69 23 12 6.75 36.01 1.94 6.30 18.15 9.62 13.09 4.17 5.98 2.94 0% 5 10 15 20 25 30 35 40 45 50 55

#### Asset Allocation as of 03-31-2023

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## Vanguard Target Retirement 2020 Fund VTWNX

#### Portfolio Manager(s)

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

#### Quantitative Screens

*Performance:* The fund has finished in the Target-Date 2020 category's top three quartiles in 10 of the 10 years it's been in existence.

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

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

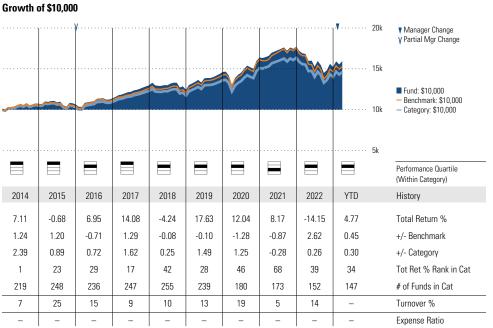
Net Expense: The fund's expense ratio of 0.08 is 86.89% lower than the Target-Date 2020 category average.

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

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

#### **ESG Metrics**

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



Morningstar Category

Target-Date 2020

#### **Trailing Performance Total Return %** 10% as of 03-31-2023 Fund 5 Benchmark Category Λ -5 -10 3 Month 1 Year 10 year Since Inception 3 yea 5 year 4.77 -5.26 6.90 4.30 5.77

4.07

3 99

42

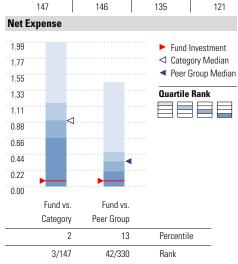
5.09

5.38

25

56

Alpha



-7.95

-576

29

6.03

6 66

53

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

Average annual, if greater than 1 year 5.73 Fund Return % 6.05 Benchmark Return % Category Average % \_ % Rank in Category # of Funds in Category **3-Year Risk Metrics** Fund Bmark Cat 1.43 1.19 ~ ~ ~ 0.00

Beta	0.88	-	0.89
R-Squared	98.51	-	97.15
Standard Deviation	10.67	11.97	10.81
Sharpe Ratio	0.57	0.45	0.54
Tracking Error	1.90	-	2.32
Information Ratio	0.46	-	0.39
Up Capture Ratio	93.00	-	92.55
Down Capture Ratio	84.45	-	85.37

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.44	16.22	16.42
Price/Book Ratio	2.23	2.34	2.40
Avg Eff Duration	6.00	-	5.78

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4.32

4 4 7

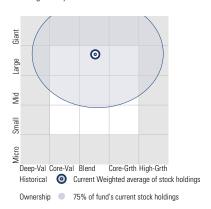
34

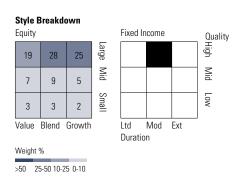


Morningstar Index Morningstar Lifetime Mod 2020 TR USD

## Vanguard Target Retirement 2020 Fund VTWNX

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





## 

0.03	7.94
2.93	3.01
55.56	49.20
16.67	14.07
24.81	25.78
Net %	Cat%
	24.81 16.67 55.56

Morningstar Index Morningstar Lifetime Mod 2020 TR USD

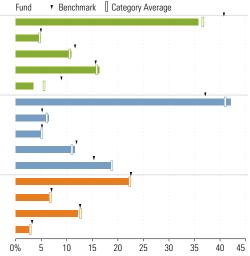
Morningstar Category

Target-Date 2020

#### Sector Weighting as of 03-31-2023

Asset Allocation as of 03-31-2023

		Fund	Bmark	Cat
Դ	Cyclical	35.76	40.62	36.64
æ.	Basic Materials	4.98	4.80	4.69
<b>A</b>	Consumer Cyclical	10.88	11.49	10.55
ц <u>е</u>	Financial Services	16.44	15.52	15.85
ŵ	Real Estate	3.46	8.81	5.55
Vvr	Sensitive	42.17	36.97	41.02
d	Communication Services	6.50	5.04	6.09
0	Energy	5.03	5.01	5.10
\$	Industrials	11.61	11.75	11.01
	Technology	19.03	15.17	18.82
-	Defensive	22.08	22.41	22.34
Ħ	Consumer Defensive	7.04	6.87	6.77
٠	Healthcare	12.21	12.47	12.73
<b>9</b>	Utilities	2.83	3.07	2.84



#### Top 7 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	_	31.77	31.77	_	_
$igodoldsymbol{ imes}$ Vanguard Total Stock Mkt Idx InstI PIs	-	25.16	56.94	-	-
igodoldoldoldoldoldoldoldoldoldoldoldoldol	-	17.04	73.97	-	-
⊖ Vanguard Total Intl Bd II Idx Insl	-	14.08	88.05	-	-
$\ominus$ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	10.90	98.95	-	-
⊕ Mktliq 12/31/2049	-	1.04	99.99	-	-
🕀 Us Dollar	-	0.01	100.00	_	-

#### Total Holdings 7

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



## Vanguard Target Retirement 2025 Fund VTTVX

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

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

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

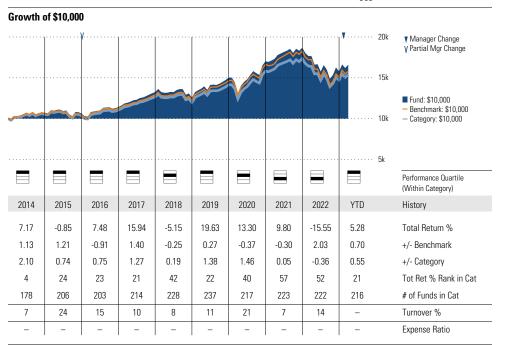
Net Expense: The fund's expense ratio of 0.08 is 87.88% lower than the Target-Date 2025 category average.

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

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

#### **ESG Metrics**

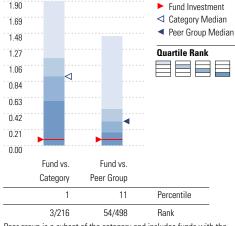
Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Morningstar Category

Target-Date 2025





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

1.28 0.95 0.89 Beta 98.71 **R-Squared** 97.60 Standard Deviation 12.34 12 95 11.66 Sharpe Ratio 0.61 0 49 0.58 Tracking Error 1.56 2.43 Information Ratio 0.86 0.43 Up Capture Ratio 100.24 93.63 Down Capture Ratio 92.04 86.99 **Portfolio Metrics** 

	Fund	Bmark	Cat
Price/Earnings Ratio	15.45	16.05	16.52
Price/Book Ratio	2.23	2.32	2.43
Avg Eff Duration	6.42	-	6.54

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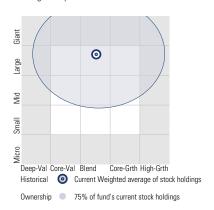


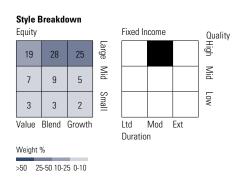
Cat

Morningstar Index Morningstar Lifetime Mod 2025 TR USD

## Vanguard Target Retirement 2025 Fund VTTVX

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





# 

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

Morningstar Category

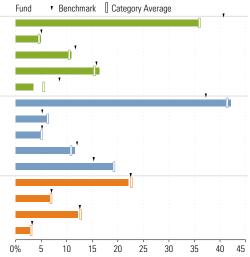
Target-Date 2025

Morningstar Index Morningstar Lifetime Mod 2025 TR USD

#### Sector Weighting as of 03-31-2023

Asset Allocation as of 03-31-2023

		Fund	Bmark	Cat
Դ	Cyclical	35.75	40.54	35.96
æ.	Basic Materials	4.99	4.89	4.57
	Consumer Cyclical	10.89	11.55	10.49
ц.	Financial Services	16.42	15.67	15.42
ŵ	Real Estate	3.45	8.43	5.48
V <sup>ar</sup>	Sensitive	42.18	37.09	41.39
đ	Communication Services	6.49	5.06	6.26
0	Energy	5.05	5.02	5.07
¢	Industrials	11.60	11.88	10.83
	Technology	19.04	15.13	19.23
-	Defensive	22.06	22.37	22.66
F	Consumer Defensive	7.03	6.87	6.91
٠	Healthcare	12.21	12.42	12.74
9	Utilities	2.82	3.08	3.01



#### Top 7 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx InstI PIs	_	32.82	32.82	_	_
igodoldoldoldoldoldoldoldoldoldoldoldoldol	-	27.95	60.77	_	-
$igodoldsymbol{ imes}$ Vanguard Total Intl Stock Index Inv	-	22.16	82.93	_	-
$\oplus$ Vanguard Total Intl Bd II Idx Insl	-	12.12	95.05	_	-
$\oplus$ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	3.95	99.00	-	_
⊕ Mktliq 12/31/2049	-	0.98	99.98	-	-
🕀 Us Dollar	-	0.02	100.00	_	-

#### Total Holdings 7

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



## Vanguard Target Retirement 2030 Fund VTHRX

#### Portfolio Manager(s)

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

#### Quantitative Screens

*Performance:* The fund has finished in the Target-Date 2030 category's top three quartiles in 10 of the 10 years it's been in existence.

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

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

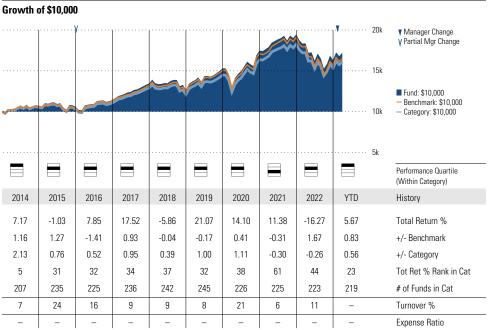
Net Expense: The fund's expense ratio of 0.08 is 88.24% lower than the Target-Date 2030 category average.

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

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

#### **ESG Metrics**

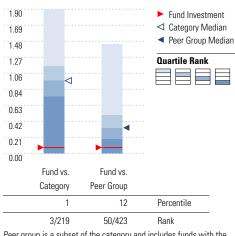
Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Morningstar Category

Target-Date 2030





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

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

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

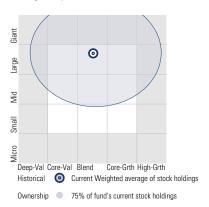
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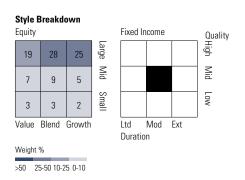


Morningstar Index Morningstar Lifetime Mod 2030 TR USD

## Vanguard Target Retirement 2030 Fund VTHRX

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





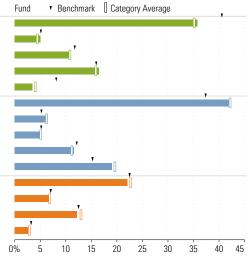
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Morningstar Category Target-Date 2030	<b>Morningstar Index</b> Morningstar Lifetime Mod 2030 TR USD		
Asset Class	Net %	Cat%	
US Stocks	37.21	35.25	
Non-US Stocks	25.29	17.18	
Bonds	34.90	31.79	
Cash	2.55	2.12	
Other	0.04	13.66	
Total	100.00	100.00	

#### Sector Weighting as of 03-31-2023

Asset Allocation as of 03-31-2023

		Fund	Bmark	Cat	F
Դ	Cyclical	35.81	40.42	35.14	
æ.	Basic Materials	5.01	4.99	4.44	
	Consumer Cyclical	10.90	11.62	10.81	
<b>H</b>	Financial Services	16.45	15.82	15.87	
ŵ	Real Estate	3.45	7.99	4.02	
V*	Sensitive	42.14	37.24	42.16	
đ	Communication Services	6.48	5.09	6.25	
0	Energy	5.04	5.05	5.10	
¢	Industrials	11.62	12.00	11.19	
	Technology	19.00	15.10	19.62	
-	Defensive	22.06	22.35	22.70	
F	Consumer Defensive	7.04	6.91	6.85	
٠	Healthcare	12.20	12.36	12.98	
9	Utilities	2.82	3.08	2.87	



#### **Top 6 Holdings** as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt ldx Instl Pls	_	37.74	37.74	_	-
$\ominus$ Vanguard Total Intl Stock Index Inv	-	25.86	63.60	_	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	24.61	88.21	_	-
$\oplus$ Vanguard Total Intl Bd II ldx Insl	-	10.74	98.94	_	-
⊕ Mktliq 12/31/2049	-	1.03	99.97	-	-
🕀 Us Dollar	-	0.03	100.00	-	_

#### Total Holdings 6



## Vanguard Target Retirement 2035 Fund VTTHX

Portfolio Manager(s)

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

#### Quantitative Screens

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

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

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

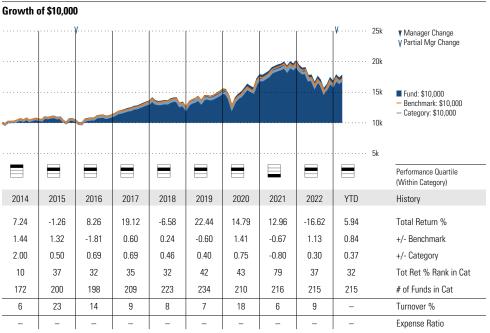
Net Expense: The fund's expense ratio of 0.08 is 88.24% lower than the Target-Date 2035 category average.

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

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

#### **ESG Metrics**

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



Morningstar Category

Target-Date 2035

#### **Trailing Performance Total Return %** 15% as of 03-31-2023 Fund 10 5 Category 0 -5 -10 3 Month 1 Year 10 year Since Inception 3 yea 5 year 5.94 -6.36 11.12 5.68 7.43 7.06 5.10 -8.22 10.61 5.18 6.90 6.81 5 57 -677 11 19 5 50 6.96 \_ 32 35 57 45 31 215 208 183 167 100 Net Expense **3-Year Risk Metrics**

Alpha

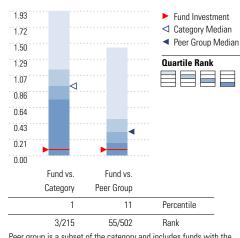
Beta

**R-Squared** 

Sharpe Ratio

Tracking Error

Up 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.

Average annual, if greater than 1 year Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund Bmark Cat 0.91 0.99 0.96 0.95 99.07 98.49 Standard Deviation 14 53 15 20 14 72 0.72 0.66 0.72 1.59 2.03 Information Ratio 0.32 0.46

98.27

Benchmark

Down Capture Ratio	94.62	-	95.72
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.42	15.72	16.40
Price/Book Ratio	2.22	2.26	2.44
Avg Eff Duration	6.79	-	7.46

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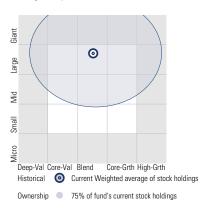
99.57

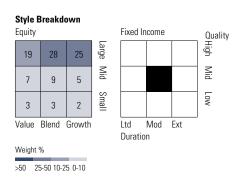
Morningstar Index Morningstar Lifetime Mod 2035 TR

USD

## Vanguard Target Retirement 2035 Fund VTTHX

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





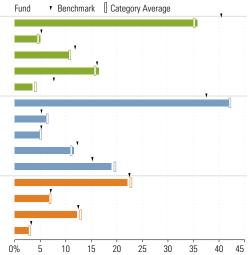
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Morningstar Category Target-Date 2035	<b>Morningstar Index</b> Morningstar Lifetime Mod 20 USD	135 TR
Asset Class	Net %	Cat%
US Stocks	41.25	41.92
Non-US Stocks	28.17	22.09
Bonds	27.80	21.62
Cash	2.73	2.47
Other	0.04	11.90
Total	100.00	100.00

#### Sector Weighting as of 03-31-2023

Asset Allocation as of 03-31-2023

		Fund	Bmark	Cat	
Դ	Cyclical	35.80	40.30	35.13	
æ.	Basic Materials	5.01	5.09	4.58	
A	Consumer Cyclical	10.89	11.69	10.78	
<b>L</b>	Financial Services	16.45	15.99	15.73	
ŵ	Real Estate	3.45	7.53	4.04	
w	Sensitive	42.13	37.38	42.12	
	Communication Services	6.49	5.10	6.36	
0	Energy	5.04	5.08	5.08	
Ф	Industrials	11.62	12.13	11.06	
	Technology	18.98	15.07	19.62	
<b>→</b>	Defensive	22.06	22.32	22.75	
F	Consumer Defensive	7.05	6.92	6.92	
٠	Healthcare	12.19	12.31	12.92	
9	Utilities	2.82	3.09	2.91	



#### Top 6 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt ldx Instl PIs	_	41.84	41.84	_	-
$\ominus$ Vanguard Total Intl Stock Index Inv	-	28.80	70.63	_	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	19.67	90.30	_	-
$\oplus$ Vanguard Total Intl Bd II Idx Insl	-	8.49	98.79	_	-
① Mktliq 12/31/2049	-	1.18	99.98	-	-
🕀 Us Dollar	-	0.02	100.00	-	_

#### Total Holdings 6



## Vanguard Target Retirement 2040 Fund VFORX

Portfolio Manager(s)

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

#### Quantitative Screens

*Performance:* The fund has finished in the Target-Date 2040 category's top three quartiles in 9 of the 10 years it's been in existence.

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

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

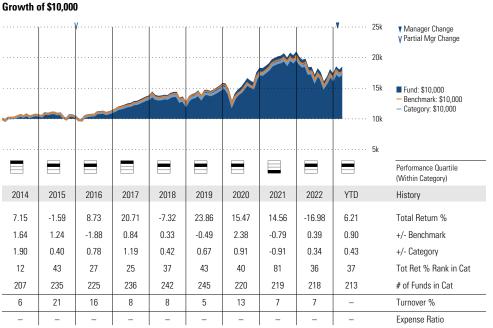
Net Expense: The fund's expense ratio of 0.08 is 88.57% lower than the Target-Date 2040 category average.

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

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

#### **ESG Metrics**

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

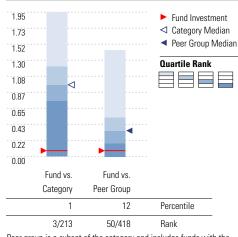


Morningstar Category

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.

% Rank in Category # of Funds in Category Fund Bmark Cat Alpha 0.54 0.47 0.96 0.98 Beta \_ 99.04 **R-Squared** 98.52 Standard Deviation 15 57 16 22 15.95 Sharpe Ratio 0.76 074 0.76 Tracking Error 1.69 2.10 Information Ratio 0.04 0.21 Up Capture Ratio 97.89 100.08 Down Capture Ratio 96.25 99.00

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

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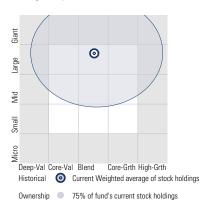
Morningstar Index Morningstar Lifetime Mod 2040 TR

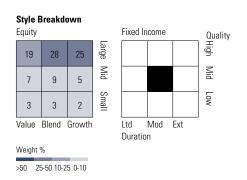
USD



## Vanguard Target Retirement 2040 Fund VFORX

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





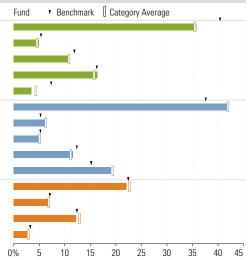
# 50 0

20.75 2.88 0.03	13.38 1.87 10.26
20.75	13.38
30.68	25.85
45.66	48.64
Net %	Cat%
	45.66

#### Sector Weighting as of 03-31-2023

Asset Allocation as of 03-31-2023

		Fund	Bmark	Cat	Fund
Դ	Cyclical	35.76	40.26	35.46	
æ.	Basic Materials	4.99	5.20	4.57	
	Consumer Cyclical	10.89	11.74	10.82	
	Financial Services	16.43	16.13	15.73	
ŵ	Real Estate	3.45	7.19	4.34	
w	Sensitive	42.16	37.45	41.92	
đ	Communication Services	6.49	5.12	6.28	
0	Energy	5.04	5.08	5.06	
¢	Industrials	11.60	12.22	11.16	
	Technology	19.03	15.03	19.42	
	Defensive	22.07	22.28	22.63	
F	Consumer Defensive	7.04	6.94	6.86	
٠	Healthcare	12.21	12.24	12.92	
9	Utilities	2.82	3.10	2.85	
					~



#### **Top 6 Holdings** as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt ldx Instl PIs	_	46.32	46.32	_	_
$\ominus$ Vanguard Total Intl Stock Index Inv	-	31.36	77.67	_	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	14.75	92.42	_	-
$\oplus$ Vanguard Total Intl Bd II ldx Insl	-	6.26	98.68	_	-
① Mktliq 12/31/2049	-	1.29	99.97	-	-
🕀 Us Dollar	-	0.03	100.00	-	-

#### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



Morningstar Category

Target-Date 2040

Morningstar Index Morningstar Lifetime Mod 2040 TR USD

## Vanguard Target Retirement 2045 Fund VTIVX

Portfolio Manager(s)

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

#### Quantitative Screens

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

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

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

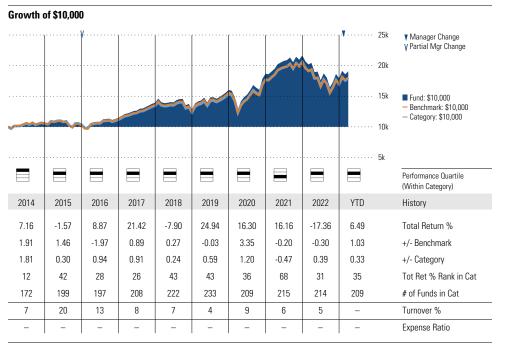
Net Expense: The fund's expense ratio of 0.08 is 88.57% lower than the Target-Date 2045 category average.

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

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

#### **ESG Metrics**

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

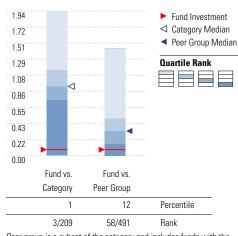


Morningstar Category

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.

Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund Bmark Cat Alpha 0.55 0.19 0.98 Beta 0.98 98.96 **R-Squared** 98.45 16.87 Standard Deviation 16 65 16 74 Sharpe Ratio 0.80 0 78 0.78 Tracking Error 1.72 2.16 Information Ratio 0.22 0.08 Up Capture Ratio 100.77 100.55 Down Capture Ratio 99.47 100.96

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

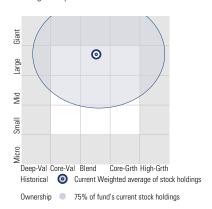
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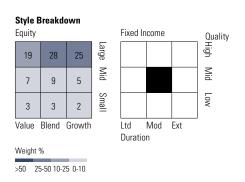


Morningstar Index Morningstar Lifetime Mod 2045 TR USD

## Vanguard Target Retirement 2045 Fund VTIVX

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





## 

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

Morningstar Category

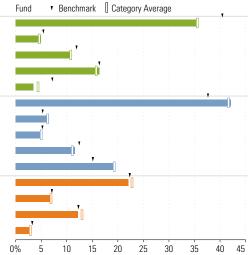
Target-Date 2045

Morningstar Index Morningstar Lifetime Mod 2045 TR USD

#### Sector Weighting as of 03-31-2023

Asset Allocation as of 03-31-2023

		Fund	Bmark	Cat	Fun
Դ	Cyclical	35.75	40.31	35.55	
æ.	Basic Materials	4.98	5.28	4.63	
	Consumer Cyclical	10.89	11.77	10.79	
	Financial Services	16.43	16.23	15.76	
ŵ	Real Estate	3.45	7.03	4.37	
V.	Sensitive	42.18	37.50	41.67	
	Communication Services	6.50	5.14	6.26	
0	Energy	5.04	5.09	5.00	
Ф	Industrials	11.59	12.30	11.10	
	Technology	19.05	14.97	19.31	
-	Defensive	22.08	22.19	22.77	
	Consumer Defensive	7.04	6.95	6.92	
٠	Healthcare	12.22	12.14	12.98	
2	Utilities	2.82	3.10	2.87	
					00/



#### Top 6 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt Idx Instl PIs	_	50.86	50.86	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	34.23	85.10	_	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	9.52	94.62	_	-
$\oplus$ Vanguard Total Intl Bd II ldx Insl	-	4.00	98.62	_	-
① Mktliq 12/31/2049	-	1.35	99.97	-	-
🕀 Us Dollar	-	0.03	100.00	-	_

#### Total Holdings 6



## Vanguard Target Retirement 2050 Fund VFIFX

Portfolio Manager(s)

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

#### Quantitative Screens

*Performance:* The fund has finished in the Target-Date 2050 category's top three quartiles in 10 of the 10 years it's been in existence.

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

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

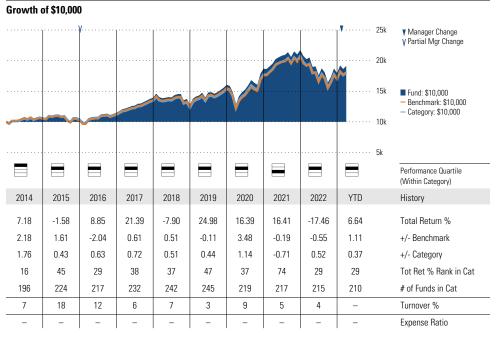
Net Expense: The fund's expense ratio of 0.08 is 88.73% lower than the Target-Date 2050 category average.

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

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

#### **ESG Metrics**

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

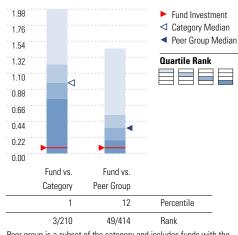


Morningstar Category

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.

% Rank in Category # of Funds in Category Fund Bmark Cat Alpha 0.30 0.02 0.99 Beta 0.98 98.91 **R-Squared** 98.37 Standard Deviation 16 89 17 13 17 11 Sharpe Ratio 0.80 0 79 0.78 Tracking Error 1.79 2.21 Information Ratio 0.04 0.00 Up Capture Ratio 100.39 101.09 Down Capture Ratio 100.35 102.43

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

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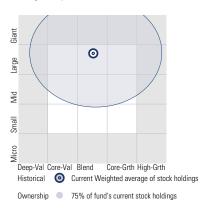


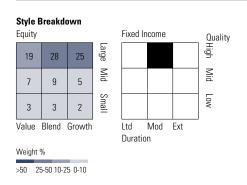
Morningstar Index Morningstar Lifetime Mod 2050 TR USD



## Vanguard Target Retirement 2050 Fund VFIFX

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





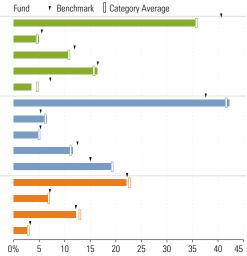
## 50 100 0

Morningstar Category Target-Date 2050	<b>Morningstar Index</b> Morningstar Lifetime Mod 2050 TR USD		
Asset Class	Net %	Cat%	
US Stocks	52.58	54.30	
Non-US Stocks	35.09	28.81	
Bonds	9.33	5.14	
Cash	2.95	1.80	
Other	0.04	9.94	
Total	100.00	100.00	

#### Sector Weighting as of 03-31-2023

Asset Allocation as of 03-31-2023

		Fund	Bmark	Cat	F
Դ	Cyclical	35.74	40.48	35.74	
æ.	Basic Materials	4.98	5.36	4.60	
	Consumer Cyclical	10.89	11.78	10.81	
ц.	Financial Services	16.42	16.32	15.70	
ŵ	Real Estate	3.45	7.02	4.63	
V*	Sensitive	42.19	37.46	41.60	
	Communication Services	6.50	5.14	6.21	
0	Energy	5.04	5.09	4.97	
¢	Industrials	11.59	12.35	11.14	
	Technology	19.06	14.88	19.28	
-	Defensive	22.07	22.06	22.66	
E	Consumer Defensive	7.03	6.94	6.86	
٠	Healthcare	12.23	12.03	12.96	
Ç	Utilities	2.81	3.09	2.84	
					~~~



#### **Top 6 Holdings** as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt ldx Instl PIs	_	53.34	53.34	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.87	89.21	-	-
$\ominus$ Vanguard Total Bond Market II ldx Inv	-	6.71	95.92	-	-
$\oplus$ Vanguard Total Intl Bd II ldx Insl	-	2.73	98.65	-	-
① Mktliq 12/31/2049	-	1.31	99.96	-	-
🕀 Us Dollar	-	0.04	100.00	-	_

#### Total Holdings 6



## Vanguard Target Retirement 2055 Fund VFFVX

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

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

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

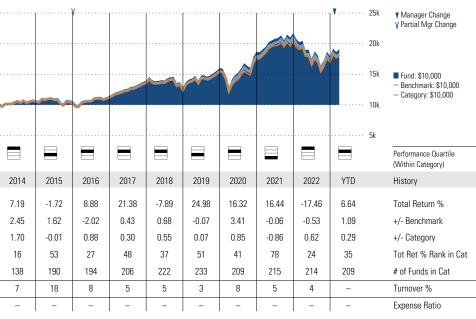
Net Expense: The fund's expense ratio of 0.08 is 88.73% lower than the Target-Date 2055 category average.

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

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

#### **ESG Metrics**

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



Alpha

Beta

**R-Squared** 

Sharpe Ratio

Down Capture Ratio

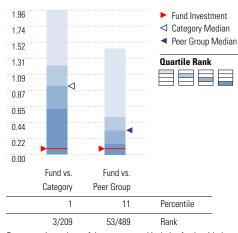
Morningstar Category

Target-Date 2055



**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.

0 -5 -10 Average annual, if greater than 1 year Since Inception Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund Bmark Cat 0.30 0.06 0.98 0.99 98.86 98.30 Standard Deviation 16 88 17 19 17 23 0.80 0 79 0.78 Tracking Error 1.84 2.24 Information Ratio 0.01 0.03 Up Capture Ratio 100.12 101.66

100.15

**Total Return %** 

as of 03-31-2023

Benchmark 5

Category

Fund

15%

10

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

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102.94

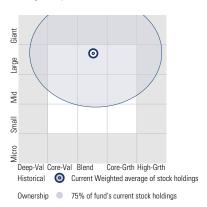
Morningstar Index Morningstar Lifetime Mod 2055 TR

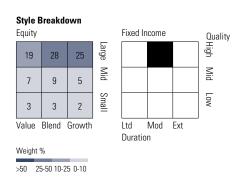
USD

Growth of \$10,000

## Vanguard Target Retirement 2055 Fund VFFVX

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





## 

0.04	9.15
2.89	1.50
9.31	4.83
35.13	30.35
52.64	54.19
Net %	Cat%
	52.64 35.13 9.31

Morningstar Category

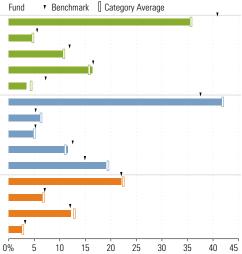
Target-Date 2055

Morningstar Index Morningstar Lifetime Mod 2055 TR USD

#### Sector Weighting as of 03-31-2023

Asset Allocation as of 03-31-2023

		Fund	Bmark	Cat	Fund V Benchmark
Դ	Cyclical	35.74	40.71	35.69	
æ.	Basic Materials	4.98	5.43	4.74	
4	Consumer Cyclical	10.89	11.78	10.80	
<b>L</b>	Financial Services	16.42	16.40	15.76	)
ŵ	Real Estate	3.45	7.10	4.39	
w,	Sensitive	42.18	37.40	41.90	
đ	Communication Services	6.49	5.14	6.33	
•	Energy	5.04	5.09	5.04	
¢	Industrials	11.59	12.39	11.10	()
	Technology	19.06	14.78	19.43	•
<b>→</b>	Defensive	22.09	21.90	22.42	
۲	Consumer Defensive	7.04	6.92	6.80	
٠	Healthcare	12.23	11.90	12.85	
	Utilities	2.82	3.08	2.77	



#### Top 6 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt Idx Instl PIs	_	53.40	53.40	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.90	89.29	_	-
⊖ Vanguard Total Bond Market II Idx Inv	-	6.70	95.99	_	-
$\oplus$ Vanguard Total Intl Bd II ldx Insl	-	2.73	98.72	_	-
① Mktliq 12/31/2049	-	1.25	99.97	-	-
🕀 Us Dollar	-	0.03	100.00	-	_

#### Total Holdings 6



## Vanguard Target Retirement 2060 Fund VTTSX

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

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

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

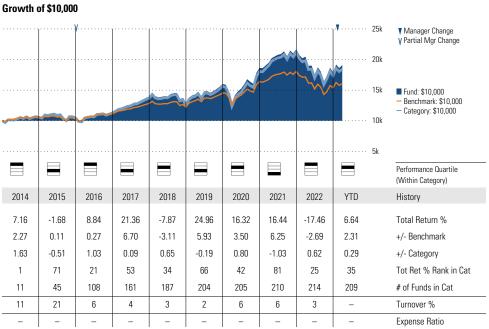
Net Expense: The fund's expense ratio of 0.08 is 88.73% lower than the Target-Date 2060 category average.

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

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

#### **ESG Metrics**

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



#### Target-Date 2060

Morningstar Category

Morningstar Index

Morningstar Mod Tgt Risk TR USD



12	Percentile	Price/Earnings Ra
49/411	Rank d includes funds with the	Price/Book Ratio
0 /	ve) and similar share class	Avg Eff Duration

atio 15 45 15 15 16.28 2.23 2.14 2.39 678 8 09

Fund

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Peer group is a subset of

same management styl characteristics.

Category

3/209

1

Peer Group

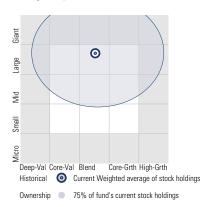


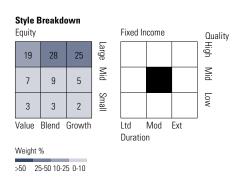
Bmark

Cat

## Vanguard Target Retirement 2060 Fund VTTSX

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





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Asset Allocation as of 03-31-2023

Sector Weighting as of 03-31-2023

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#### Asset Class Net % Cat% US Stocks 52.66 51.71 Non-US Stocks 35.15 32.04 Bonds 9.22 4.58 Cash 2.94 1.92 0.04 Other 9.74 Total 100.00 100.00

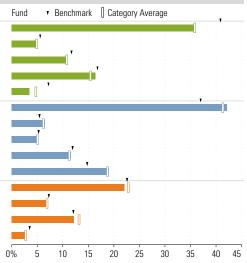
Morningstar Index

Morningstar Mod Tgt Risk TR USD

**Morningstar Category** 

Target-Date 2060

#### Bmark Cat Fund Fund Cyclical 35.74 40.72 35.82 Basic Materials 4.98 4.91 5.44 Consumer Cyclical 10.88 11.57 10.77 Financial Services 16.42 16 65 15.41 Real Estate 3.46 7.06 4.73 Sensitive 42.18 36.84 41.34 **Communication Services** 6.50 5.30 6.22 Energy 5.06 5.04 5.13 Industrials 11.59 11.78 11.30 Technology 19.05 14.63 18.76 22.08 22.44 Defensive 22.84 **Consumer Defensive** 7.04 7.13 6.92 Healthcare 12.22 11.93 13.19 Utilities 2.82 3.38 2.73



#### Top 6 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt Idx Instl PIs	_	53.41	53.41	-	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.92	89.33	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	6.61	95.94	-	-
$\oplus$ Vanguard Total Intl Bd II ldx Insl	-	2.73	98.67	-	-
① Mktliq 12/31/2049	-	1.29	99.96	-	-
🕀 Us Dollar	-	0.04	100.00	-	_

#### Total Holdings 6



## Vanguard Target Retirement 2065 Fund VLXVX

Portfolio Manager(s)

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

#### Quantitative Screens

 $\times$  *Performance:* The fund has finished in the Target-Date 2065+ category's top three quartiles in 3 of the 5 years it's been in existence.

*Management:* The fund's management has been in place for 5.72 years.

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

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

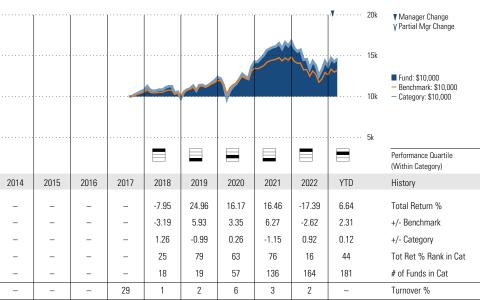
#### **Morningstar Investment Management LLC Analysis**

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

#### **ESG Metrics**

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





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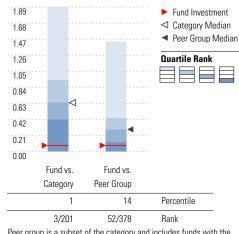
Expense Ratio

Morningstar Category

Target-Date 2065+

#### **Trailing Performance Total Return %** 15% as of 03-31-2023 Fund 10 Benchmark 5 Category 0 -5 -10 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year Fund Return % 6.64 -6.64 14.17 6.64 7.34 4.33 -6.22 8.47 4.80 5.74 6.04 Benchmark Return % 6 52 -7 22 14 59 6 57 \_ 44 24 70 50 181 158 66 10 Net Expense **3-Year Risk Metrics**

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

Category Average % % Rank in Category # of Funds in Category Fund Bmark Cat Alpha 2.98 2.89 1 37 Beta 1 31 R-Squared 98.52 97.82 Standard Deviation 16 86 12 77 17 66 Sharpe Ratio 0.80 0.61 0.79 Tracking Error 4.47 5.37 Information Ratio 1.28 1.12 Up Capture Ratio 142.46 148.38 Down Capture Ratio 128.54 135.43

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

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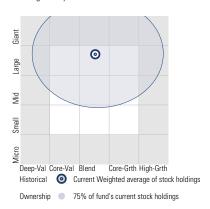


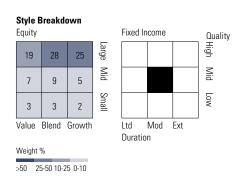
Morningstar Index

Morningstar Mod Tgt Risk TR USD

## Vanguard Target Retirement 2065 Fund VLXVX

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





## 50 100 0

Asset Allocation as of 03-31-2023

Sector Weighting as of 03-31-2023

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

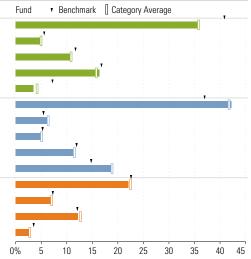
**Morningstar Index** 

Morningstar Mod Tgt Risk TR USD

**Morningstar Category** 

Target-Date 2065+

#### Bmark Cat Fund Դ Cyclical 35.74 40.72 35.78 æ. Basic Materials 4.98 4.96 5.44 A Consumer Cyclical 10.89 11.57 10.84 ц. Financial Services 16.42 16 65 15.79 ŵ Real Estate 3.45 7.06 4.19 Sensitive 42.19 36.84 41.77 đ **Communication Services** 6.50 5.30 6.36 Energy 5.04 5.13 5.07 ¢ Industrials 11.59 11.78 11.48 Technology 19.06 14.63 18.86 22.08 22.44 Defensive 22.46 **Consumer Defensive** 7.04 7.13 7.02 Healthcare 12.23 11.93 12.69 Utilities 2.81 3.38 2.75



#### Top 6 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt ldx Instl PIs	_	53.33	53.33	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.87	89.20	_	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	6.42	95.62	_	-
$\oplus$ Vanguard Total Intl Bd II Idx Insl	-	2.82	98.44	_	-
⊕ Mktliq 12/31/2049	-	1.43	99.87	-	-
🕀 Us Dollar	-	0.13	100.00	-	_

#### Total Holdings 6



## Vanguard Target Retirement 2070 Fund VSVNX

**Morningstar Category** Target-Date 2065+

Morningstar Index

7.73

6.04

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Morningstar Mod Tgt Risk TR USD

Vanager 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

+/- Category

History

V Partial Mgr Change

Portfolio Manager(s)	Growth	of \$10,00	00										
Aurélie Denis since 02-2	2023			· · · · · · · · · · · · · ·		1			· · · · · · · · · · · · ·				15k
Michael Roach since 02-	-2023												
Roger Aliaga-Díaz since	02-2023												
<b>Quantitative Screens</b> The Performance screen less than three years of		funds with									·····	<b>×</b>	10k
× Management: The fund's management team has been in													5k
place for less than three	place for less than three years.												
Style: The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.		-	2014	2015	2016	2017	2018	2019	2020	2021	2022	YTD	
Large Diend — 100 % of the time over the past three years.								_			_	6.64	
	Net Expense: The fund's expense ratio of 0.08 is			_	_	_	_		_	_		2.31	
88.57% lower than the T	Farget-Date 2065+ ca	ategory	_	_	_	_	_	-	_	_	-		
average.			-	-	-	-	-	-	-	-	-	0.12	
			-	-	-	-	-	-	-	-	-	41	
Morningstar Investme	ent Management Ll	LC Analysis		-	-	-	-	-	-	-	-	181	
This fund fails the managed	aer tenure screen du	e to a limited		-	-	-	-	-	-	-	44	-	
history for this target-da	-		-	-	-	-	-	-	-	-	-	-	
			Trailing	Perform	ance								
ESG Metrics						·····		1	r				15%
													10
Metric	Rating	Updated								_			5
Sustainability Rating	3	03-31-2023											5
Carbon Risk Score	Low Risk	12-31-2022											• 0
					•••••								-5
													-10
			3 N	/lonth	1 Year		3 year	5 ye	ar	10 year	Since I	nception	

-6.22

-7.22

\_

8.47

14.59

4.80

6.57

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Fund Investment Category Median

Quartile Rank

Percentile

Peer Group Median

**Total Return %** as of 03-31-2023

Fund
Benchmark
Category

Average annual, if greater than 1 year

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

#### **3-Year Risk Metrics**

5.74

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

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

#### 3/201 52/378 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 vs

Peer Group 14

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Fund vs

Category

1

6.64

4.33

6 52

41 181

Net Expense

1.89

1.68

1.47 1.26

1.05 0.84 0.63 0.42 0.21 0.00



## Vanguard Target Retirement 2070 Fund VSVNX

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Energy

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Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

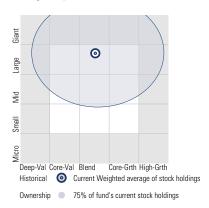
Technology

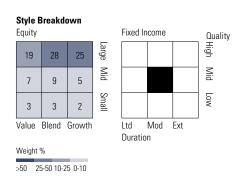
Defensive

Healthcare

**Consumer Defensive** 

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





## 50 100 0

Asset Allocation as of 03-31-2023

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

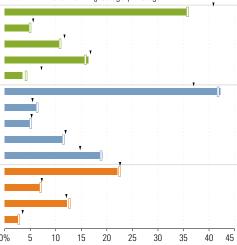
**Morningstar Index** 

Morningstar Mod Tgt Risk TR USD

#### Sector Weighting as of 03-31-2023 Benchmark [] Category Average Bmark Cat Fund Fund 35.70 40.72 35.78 4.96 4.96 5.44 10.88 11.57 10.84 16.40 16 65 15.79 3.46 7.06 4.19 42.21 36.84 41.77 6.50 5.30 6.36 5.04 5.13 5.07 11.58 11.78 11.48 19.09 14.63 18.86 22.08 22.44 22.46 7.04 7.13 7.02 12.23 11.93 12.69 2.81 3.38 2.75 0%

**Morningstar Category** 

Target-Date 2065+



#### Top 6 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt ldx Instl PIs	_	54.01	54.01	-	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.88	89.90	-	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	7.00	96.90	-	-
$\oplus$ Vanguard Total Intl Bd II ldx Insl	-	2.99	99.89	-	-
O Mktliq 12/31/2049	-	0.18	100.06	-	-
⊕ Us Dollar	-	0.06	100.13	-	_

#### Total Holdings 6



average.

**ESG Metrics** 

ESG Commitment

Metric

## Vanguard Target Retirement Income Fund VTINX

20

15k

10k

5k

Morningstar Index Morningstar Lifetime Mod Incm TR

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

+/- Category

Turnover %

Expense Ratio

**Total Return %** 

as of 03-31-2023

Benchmark

Average annual, if greater than 1 year

Benchmark Return %

Category Average %

% Rank in Category

# of Funds in Category

Bmark

\_

921

0 49

Bmark

16.63

2.42

Cat

-1.04

0.94

95.94

8.86

0.34

2.08

-0.62

90.30

98.47

Cat

16.26

2.30

6.53

Fund Return %

Fund

-1.04

0.90

97.56

8 4 2

0.35

1.59

-1.00

87.09

95.35

Fund

15 41

2.22

5 81

Category

Fund

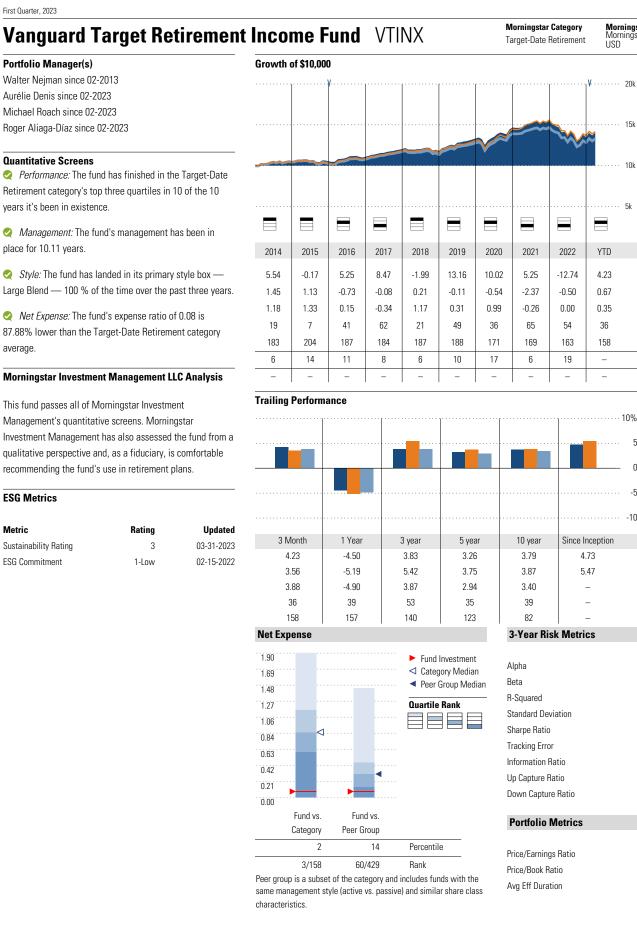
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-5

-10

History

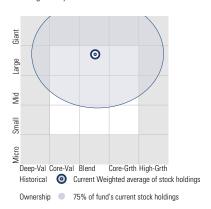


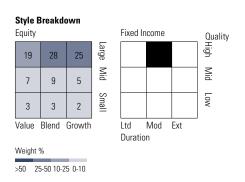
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## Vanguard Target Retirement Income Fund VTINX

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





## 

Fund

35.81

5.01

10.88

16.48

3.44

42.13

6.50

5.04

11.61

18.98

22.08

7.06

12.20

2.82

Bmark

40.52

4.56

11.39

15.23

9.34

36.87

5.03

5.00

11.47

15.37

22.61

6.85

12.69

3.07

Asset Allocation as of 03-31-2023

Sector Weighting as of 03-31-2023

**Basic Materials** 

Consumer Cyclical

**Financial Services** 

**Communication Services** 

Real Estate

Sensitive

Energy

Industrials

Technology

Defensive

Healthcare

Consumer Defensive

**℃** Cyclical

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Utilities

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

**Morningstar Category** 

Target-Date Retirement

Morningstar Index Morningstar Lifetime Mod Incm TR USD

#### Benchmark Category Average Fund Cat 37.55 4.35 10.13 14.58 8.49 40.44 6.09 4.87 10.34 19.14 21.99 6.75 12.11 3.13 10 15 20 25 30 35 40 45 0% 5

#### Top 7 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	_	36.58	36.58	_	_
$\oplus$ Vanguard Total Stock Mkt ldx Instl PIs	-	17.36	53.94	-	-
$igodoldsymbol{ m O}$ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	16.62	70.56	-	-
⊖ Vanguard Total Intl Bd II Idx Insl	-	16.15	86.71	-	-
$\ominus$ Vanguard Total Intl Stock Index Inv	-	12.01	98.72	-	-
⊕ Mktliq 12/31/2049	-	1.26	99.98	_	-
🕀 Us Dollar	-	0.02	100.00	-	-

#### Total Holdings 7

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

