## 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 19.51 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 0.78 is 19.59% 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**

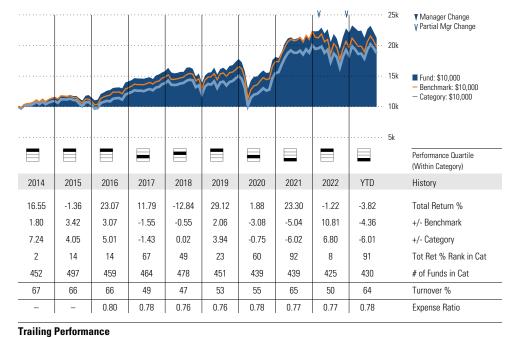
Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

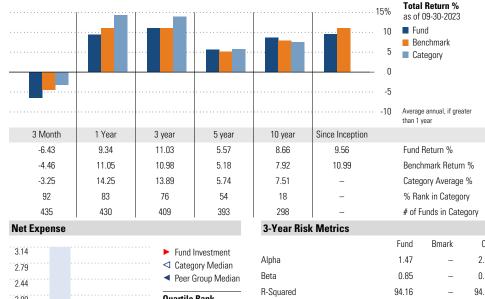




Mid-Cap Value

Russell Mid Cap Value TR USD







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

1			0 /
3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.47	-	2.65
Beta	0.85	-	0.98
R-Squared	94.16	-	94.38
Standard Deviation	17.34	19.86	19.94
Sharpe Ratio	0.57	0.52	0.63
Tracking Error	5.17	-	4.81
Information Ratio	0.01	-	0.55
Up Capture Ratio	86.73	-	100.27
Down Capture Ratio	81.29	-	90.56
Portfolio Metrics			
	Erred	Descente	0-+

	Fund	BILIAIK	Gal
Price/Earnings Ratio	16.09	15.63	14.80
Price/Book Ratio	1.98	2.12	1.91
Geom Avg Mkt Cap \$B	17.74	17.17	13.33
ROE	15.11	13.69	14.35

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# American Century Mid Cap Value I AVUAX

Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

Basic Materials

Consumer Cyclical

**Financial Services** 

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

0

€ Cyclical

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Energy

¢

F

Utilities

50

Fund

33.40

1.90

5.73

18.12

7.65

32.00

3.59

5.32

16.73

6.36

34.60

9.65

14.90

10.05

Bmark

41.67

6.29

10.23

14 59

10.56

39.91

3.59

5.64

18.32

12.36

18.41

3.76

7.48

7.17

100

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







Weight %

>50 25-50 10-25 0-10

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

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
igop Zimmer Biomet Holdings Inc	2.55	2.55	-11.42	Healthcare
$\supset$ Northern Trust Corp	2.25	4.80	-18.94	Financial Services
🕀 Allstate Corp	2.22	7.02	-15.87	Financial Services
$oldsymbol{eta}$ Edison International	2.21	9.23	2.96	Utilities
onumber  onumber	2.15	11.38	-26.54	Consumer Defensive
$\ominus$ Bank of New York Mellon Corp	2.09	13.47	-3.76	Financial Services
i Koninklijke Ahold Delhaize NV	2.00	15.48	_	Consumer Defensive
Đ Henry Schein Inc	1.92	17.40	-7.04	Healthcare
Đ Oshkosh Corp	1.92	19.32	9.60	Industrials
	1.92	21.24	2.15	Industrials
igodolog Southwest Airlines Co	1.69	22.93	-17.46	Industrials
$oldsymbol{eta}$ Packaging Corp of America	1.69	24.62	22.98	Consumer Cyclical
$\ni$ Spire Inc	1.69	26.31	-14.70	Utilities
ightarrow Dollar Tree Inc	1.64	27.95	-24.74	Consumer Defensive
🕀 Enterprise Products Partners LP	1.63	29.58	19.61	Energy

#### Total Holdings 102

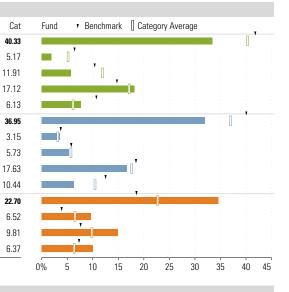
 $\oplus$  Increase  $\oplus$  Decrease R New to Portfolio



 Morningstar Category
 Morningstar Index

 Image: Mid-Cap Value
 Russell Mid Cap Value TR USD

Asset Class Net % Cat% US Stocks 84.35 90.26 Non-US Stocks 13.25 7.17 Bonds 0.00 0.01 Cash 2.40 2.08 0.00 Other 0.49 Total 100.00 100.00





years.

average.

Metric

## American Funds New Perspective R6 RNPGX

Morningstar Index Morningstar Category Global Large-Stock Growth MSCI ACWI NR USD Portfolio Manager(s) Growth of \$10,000 Robert Lovelace since 12-2000 . **V**. . . . . . ....**y**. 30 V Manager Change Jonathan Knowles since 12-2004 V Partial Mgr Change Joanna Jonsson since 12-2005 25k Steven Watson since 12-2005 20k Brady Enright since 12-2005 Fund: \$10.000 - Benchmark: \$10,000 15k Noriko Chen since 04-2012 - Category: \$10,000 Andraz Razen since 07-2015 10k Barbara Burtin since 12-2018 5k Patrice Collette since 12-2018 Performance Quartile (Within Category) Quantitative Screens 2014 2015 2016 2017 2019 2020 2021 2022 YTD 2018 History Performance: The fund has finished in the Global Large-Stock Growth category's top three quartiles in 10 of the 10 3.56 5.63 2.19 29.30 -5.56 30 48 33 81 18.10 -25.61 12.17 Total Return % years it's been in existence. 7.99 -0.60 -5.67 5.33 3.85 3.88 17.56 -0.44 -7.25 2 1 1 +/- Benchmark 2.29 4.37 0.91 -0.23 -0.92 2.23 0.08 1.14 5.26 2.30 +/- Category Management: The fund's management has been in 43 16 51 51 31 50 34 28 46 31 Tot Ret % Rank in Cat place for 22.84 years. 293 374 371 # of Funds in Cat 257 272 254 270 307 325 353 Style: The fund has landed in its primary style box — 25 27 22 28 23 20 26 22 21 \_ Turnover % Large Growth - 100 % of the time over the past three \_ 0.45 0.45 0.44 0.44 0.42 0.41 0.41 \_ Expense Ratio **Trailing Performance** Net Expense: The fund's expense ratio of 0.41 is **Total Return %** . 25% as of 09-30-2023 61.68% lower than the Global Large-Stock Growth category 20 Fund 15 Benchmark 10 Category **Morningstar Investment Management LLC Analysis** 5 0 This fund passes all of Morningstar Investment -5 Management's quantitative screens. Morningstar -10 Average annual, if greater than 1 year Investment Management has also assessed the fund from a 3 Month 1 Year 10 year Since Inception 3 year 5 year qualitative perspective and, as a fiduciary, is comfortable Fund Return % -4.36 21.70 4.92 8.36 9.82 12.00 recommending the fund's use in retirement plans. -3.40 20.80 6.89 6.46 7.56 5.65 Benchmark Return % -5.93 19 50 1 19 6 1 5 812 Category Average % \_ **ESG Metrics** 21 35 24 13 10 % Rank in Category 374 369 327 288 193 # of Funds in Category Rating Updated **3-Year Risk Metrics** Net Expense Sustainability Rating 2 08-31-2023 Fund **Bmark** Cat Carbon Risk Score 12-31-2022 2.52 Low Risk Fund Investment Alpha -2.36 -5.37 Category Median ESG Commitment 2-Basic 02-15-2022 2.24 Reta 1 1 1 1 0 9 Peer Group Median 1.96 R-Squared 96.13 87.87 1.68 Quartile Rank 19.33 Standard Deviation 17 09 20.08 1.40 Sharpe Ratio 0 24 0.35 0.09 1.12 Tracking Error 4 7 4 7.12 0.84 Information Ratio -0.47 -0.70 0.56 Up Capture Ratio 105.23 96.80 0.28 Down Capture Ratio 115.20 119.97 Fund vs Fund vs **Portfolio Metrics** Peer Group Category Fund Bmark Cat 2 Δ Percentile Price/Earnings Ratio 21 65 18 01 25.97 5/378 10/250 Rank Price/Book Ratio 3.64 2.62 4.60 Peer group is a subset of the category and includes funds with the Geom Avg Mkt Cap \$B 118 09 155.31 114 17 same management style (active vs. passive) and similar share class

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characteristics.



25.38

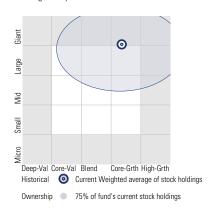
24.52

25.53

ROE

# American Funds New Perspective R6 RNPGX

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







Weight %

<25

>50 25-50 10-25 0-10

## World Regions % Equity 09-30-2023

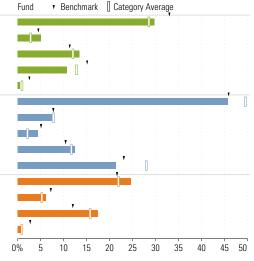


Asset Class	Net %	Cat%
US Stocks	49.61	58.42
Non-US Stocks	44.04	38.96
Bonds	0.00	0.01
Cash	6.35	2.05
Other	0.00	0.56
Total	100.00	100.00

## Sector Weighting as of 09-30-2023

0

		Fund	Bmark	Cat
Դ	Cyclical	29.70	32.83	28.54
æ.	Basic Materials	5.06	4.34	2.80
	Consumer Cyclical	13.42	11.16	12.02
ц.	Financial Services	10.68	14.95	12.79
ŵ	Real Estate	0.54	2.38	0.93
V <sup>ar</sup>	Sensitive	45.69	45.72	49.56
đ	Communication Services	7.46	7.59	7.78
0	Energy	4.43	4.93	2.13
¢	Industrials	12.40	10.27	11.68
	Technology	21.40	22.93	27.97
-	Defensive	24.62	21.45	21.91
F	Consumer Defensive	6.10	7.05	5.25
٠	Healthcare	17.50	11.84	15.76
9	Utilities	1.02	2.56	0.90
-				



	Greater Asia	Fund % 11.44	Cat % 12.26	Americas	Fund % 57.58	Cat % 63.40	Greater Europe	Fund % 30.99	Cat % 24.36	Market Maturity	Fund %
	Japan Australasia Asia-4 Tigers Asia-ex 4 Tigers	3.17 0.09 5.62 2.56	4.11 0.24 3.56 4.35	North America Central/Latin	56.23 1.35	62.03 1.37	United Kingdom W euro-ex UK Emrgng Europe Africa	5.54 24.95 0.00 0.50	4.38 19.65 0.02 0.31	Developed Markets Emerging Markets Not Available	95.76 4.24 0.00
>75	Not Classified	0.00	0.00								

50

Top 10 Holdings as of 09-30-2023

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$ onumber \in \mathbb{R}^{2}$ Capital Group Central Cash Fund	6.35	6.35	_	_
∋ Microsoft Corp	4.69	11.04	32.51	Technology
€ Novo Nordisk A/S Class B	2.48	13.52	-	Healthcare
ightarrow Tesla Inc	2.39	15.91	103.13	Consumer Cyclical
igap Taiwan Semiconductor Manufacturing Co Ltd	2.29	18.21	-	Technology
$\supset$ Meta Platforms Inc Class A	2.15	20.36	149.47	Communication Svc
$\ni$ Broadcom Inc	1.91	22.27	51.02	Technology
$\ni$ Eli Lilly and Co	1.51	23.78	47.75	Healthcare
$\supset$ ASML Holding NV	1.46	25.24	-	Technology
LVMH Moet Hennessy Louis Vuitton SE	1.33	26.58	_	Consumer Cyclical

### Total Holdings 297

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

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Morningstar Category Morningstar Index

Global Large-Stock Growth MSCI ACWI NR USD

Asset Allocation as of 09-30-2023

## American Funds New World R6 RNWGX

### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 24.3 years.

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

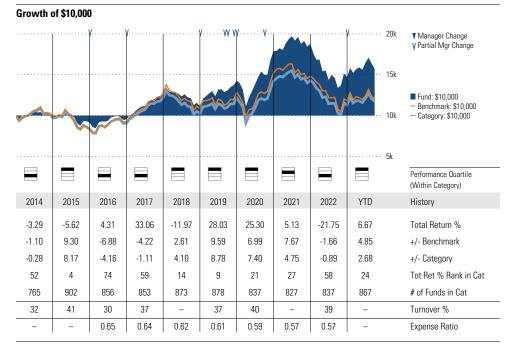
Net Expense: The fund's expense ratio of 0.57 is 50% lower than the Diversified Emerging Mkts category average.

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

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

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

**ESG Metrics** 





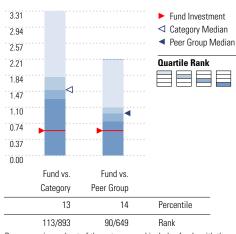
Alpha

Beta

R-Squared

Sharpe Ratio

#### Net Expense



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

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

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

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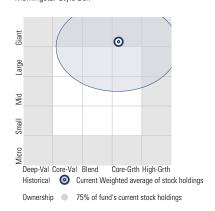


Morningstar Index **Morningstar Category** 

Diversified Emerging Mkts MSCI EM NR USD

## American Funds New World R6 RNWGX

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





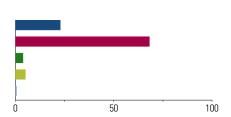


Weight %

<25

>50 25-50 10-25 0-10

## World Regions % Equity 09-30-2023



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

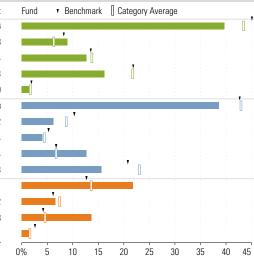
Asset Allocation as of 09-30-2023

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

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

Diversified Emerging Mkts

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



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

Top 10 Holdings as of 09-30-2023

25-50

50-75

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

#### Total Holdings 590

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

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

*Management:* The fund's management has been in place for 26.27 years.

× *Style:* The fund has landed in its primary style box — Large Blend — 50 % of the time over the past three years.

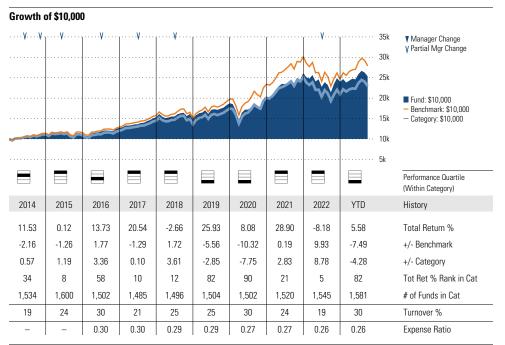
Net Expense: The fund's expense ratio of 0.27 is 64% lower than the Large Blend category average.

#### Morningstar Investment Management LLC Analysis

This fund 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**

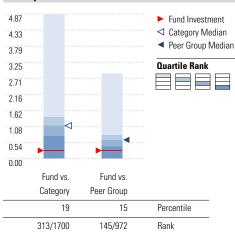
Metric	Rating	Updated
Sustainability Rating	2	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



#### Trailing Performance



#### Net Expense



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

# of Funds in Category **3-Year Risk Metrics** Fund Bmark Cat Alpha 2.79 -0.66 0.95 Beta 0.85 R-Squared 90.86 94.61 Standard Deviation 15 84 17 85 17 40 Sharpe Ratio 0.65 0 52 0.45 Tracking Error 5 52 3.74 Information Ratio 0.28 -1.15 Up Capture Ratio 91.69 93.16 Down Capture Ratio 82.01 95.77

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 19 42 22 40 22.25 Price/Book Ratio 3.61 3.98 4.46 Geom Avg Mkt Cap \$B 152 24 228 69 275 77 ROE 29.65 30.76 29.52

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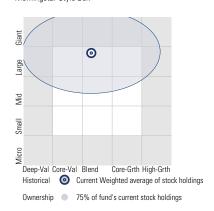


Morningstar Category
Large Blend

Morningstar Index S&P 500 TR USD

## American Funds Washington Mutual R6 RWMGX

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





Weight %

>50 25-50 10-25 0-10

Value Blend Growth

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

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ Broadcom Inc	6.43	6.43	51.02	Technology
∋ Microsoft Corp	6.19	12.62	32.51	Technology
m lacksim Capital Group Central Cash Fund	4.02	16.64	-	-
i  UnitedHealth Group Inc	3.24	19.88	-3.88	Healthcare
igap Comcast Corp Class A	2.68	22.55	29.23	Communication Svc
Marsh & McLennan Companies Inc	2.51	25.06	16.14	Financial Services
ige  ightarrow Eli Lilly and Co	1.98	27.04	47.75	Healthcare
Đ Northrop Grumman Corp	1.80	28.84	-18.32	Industrials
i  The Home Depot Inc	1.75	30.59	-2.35	Consumer Cyclical
$oldsymbol{ m  extsf{b}}$ Philip Morris International Inc	1.70	32.29	-4.73	Consumer Defensive
Apple Inc	1.60	33.89	32.32	Technology
Đ Johnson & Johnson	1.56	35.45	-9.84	Healthcare
🕑 JPMorgan Chase & Co	1.40	36.86	10.38	Financial Services
➔ ASML Holding NV ADR	1.23	38.09	8.64	Technology
AstraZeneca PLC ADR	1.20	39.29	2.02	Healthcare

#### Total Holdings 192

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

Asset Allocation as of 09-30-2023 50 100 0

Bmark

27.45

2.23

10.77

12 01

2.44

50.38

8.81

4.42

8.29

28.86

22.17

6.53

13.21

2.43

Fund

26.31

2.55

7.40

14.36

2.00

44.26

5.43

5.44

11.50

21.89

29.44

8.85

17.58

3.01

Cat

27.95

2.85

10.13

12.82

2.15

48.85

7.72

3.99

10.30

26.84

23.21

6.73

14.16

2.32

Sector Weighting as of 09-30-2023

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Energy

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F

Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

0.07	1.34
0.07	4.04
4.07	0.71
0.00	0.15
7.01	2.48
88.86	95.33
Net %	Cat%
	88.86 7.01 0.00

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

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**Morningstar Category** 

📕 Large Blend

**Morningstar Index** 

S&P 500 TR USD

## Baird Aggregate Bond Inst BAGIX

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

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

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.3 is 44.44% lower than the Intermediate Core Bond category average.

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

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

#### **ESG Metrics**

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

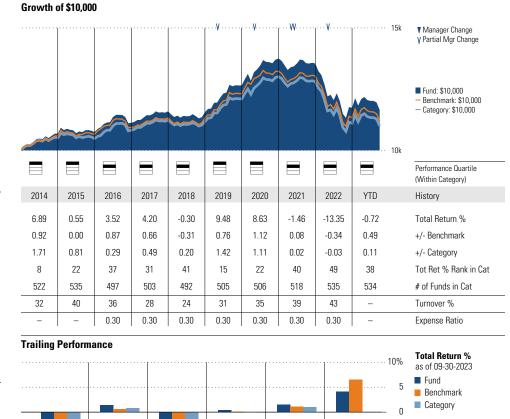


Morningstar Index

Morningstar Category

Intermediate Core Bond

Bloomberg US Agg Bond TR USD

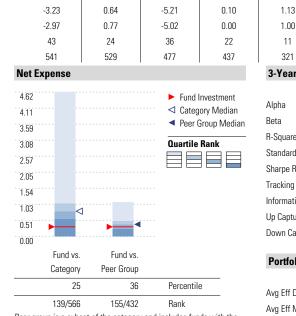


10 veai

1.55

11

321



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

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

-5

-10

Since Inception

4.08

6.50

\_

Average annual, if greater

Benchmark Return %

Category Average %

% Rank in Category

# of Funds in Category

than 1 year

Fund Return %

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

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3 Month

-3.07

1 Year

1.41

3 year

-5.02

5 year

0.44



# Baird Aggregate Bond Inst BAGIX

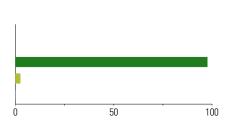
#### Style Analysis as of 09-30-2023 Style Breakdown Fixed Income Quality High Mid

5

Ltd Mod Ext

Duration

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



Asset Allocation as of 09-30-2023

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

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

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

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

#### Total Holdings 1710

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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Intermediate Core Bond

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

#### Morningstar Category

## BlackRock Global Allocation Instl MALOX

Portfolio Manager(s)

Russ Koesterich since 01-2017 David Clayton since 01-2017 Rick Rieder since 04-2019

#### Quantitative Screens

*Performance:* The fund has finished in the Global Allocation 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 6.75 years.

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

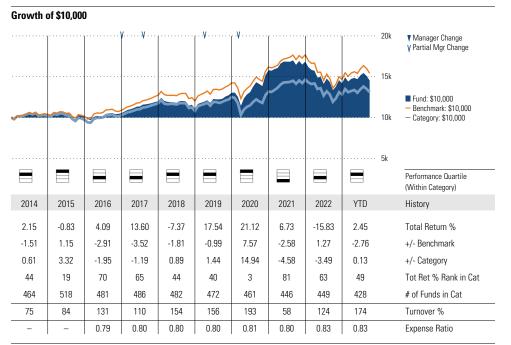
Net Expense: The fund's expense ratio of 0.84 is 24.32% lower than the Global Allocation category average.

#### **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**

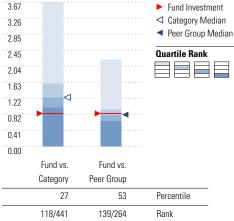
Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Low Risk	09-30-2022



Morningstar Category

**Global Allocation** 





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 Alpha -0.65 1.73 0.96 0.94 Beta R-Squared 97.44 88.07 Standard Deviation 12 51 12.83 12 87 Sharpe Ratio -0.02 0 04 0.15 Tracking Error 2.06 4.32 Information Ratio -0.35 0.24 Up Capture Ratio 94.42 101.88 Down Capture Ratio 98.11 92.82

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	18.10	17.40	16.13
Price/Book Ratio	2.76	2.44	2.10
Avg Eff Duration	4.70	-	5.49

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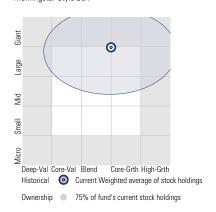


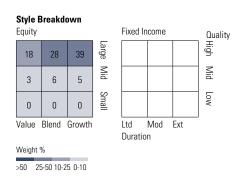
Morningstar Index

Morningstar Gbl Allocation TR USD

# BlackRock Global Allocation Instl MALOX

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





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

(	)	50

Fund

29.68

3.78

11.69

12.50

1.71

45.92

6.19

5.52

11.40

22.81

24.39

6.84

15.13

2.42

Bmark

33.87

4.75

11.24

15.00

2.88

45.11

7.04

4.68

11.52

21.87

21.03

6.89

11.49

2.65

Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

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Energy

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Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

Total	100.00	100.00
Other	4.43	5.56
Cash	3.10	9.40
Bonds	31.43	26.57
Non-US Stocks	20.90	24.70
US Stocks	40.14	33.77
Asset Class	Net %	Cat%

# Fund • Benchmark [] Category Average

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Us Ultra 10Yr Note Sep 23	_	13.36	13.36	_	_
⊖ JPY/USD Purchased	09-2023	6.68	20.04	-	-
⊕ JPY/USD Purchased	09-2023	6.43	26.47	-	-
⊕ Us 5Yr Note Sep 23	-	5.15	31.62	-	-
Euro Bund Future Sept 23	09-2023	4.83	36.45	-	_
$\oplus$ Three Month SONIA Index Future June 23	09-2023	4.76	41.21	_	-
$igodoldsymbol{ m egin{array}{c} arphi} & arphi & a$	09-2023	4.12	45.34	-	-
BlackRock Liquidity T-Fund Instl	-	4.06	49.39	-	-
⊕ EUR/USD Purchased	09-2023	3.00	52.39	-	-
	09-2023	2.96	55.35	-	-

#### Total Holdings 2577

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



Morningstar Category Morningstar Index

Global Allocation Mor

Cat

39.83

8.11

8.75

11 45

11.52

38.85

4.93

8.39

11.26

14.27

21.32

5.88

9.77

5.67

Morningstar Gbl Allocation 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 6.63 years.

Style Consistency is not calculated for Fixed Income funds.

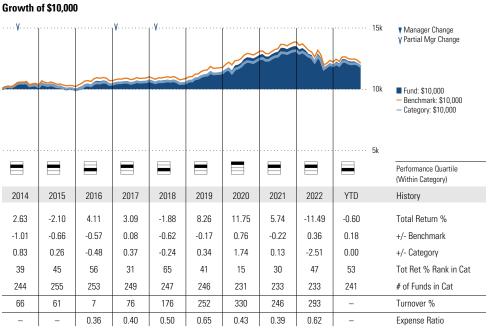
Net Expense: The fund's expense ratio of 0.56 is 9.68% lower than the Inflation-Protected Bond category average.

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023

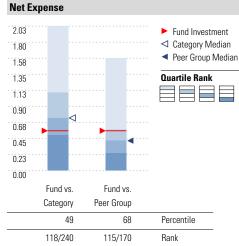


Morningstar Category

Inflation-Protected Bond



220



241

224

158 –	# of	Funds in Cat	egory
3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.22	-	0.39
Beta	1.02	-	0.89
R-Squared	99.25	-	93.36
Standard Deviation	7.04	6.86	6.33
Sharpe Ratio	-0.51	-0.55	-0.44
Tracking Error	0.63	-	1.95
Information Ratio	0.27	-	-0.07
Up Capture Ratio	101.36	-	90.18
Down Capture Ratio	99.35	-	86.17

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.93	4.52	5.88
Avg Eff Maturity	8.01	-	6.75

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

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244



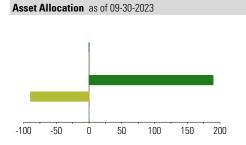
Morningstar Index Bloomberg US Treasury US TIPS TR

USD

## BlackRock Inflation Protected Bond Instl BPRIX

## Style Analysis as of 09-30-2023





Sector Weighting as of 09-30-2023

Total	100.00	100.00
Other	-0.09	0.36
Cash	-89.56	-0.10
Bonds	189.49	99.64
Non-US Stocks	0.00	0.00
US Stocks	0.14	0.11
Asset Class	Net %	Cat%

#### **Credit Rating Breakdown** Fund Bmark Cat AAA 96.22 0.00 88.72 AA 0.14 99.60 3.39 0.00 А 0.73 1.89 BBB 0.39 0.00 2.59 BB 0.02 0.00 1.01 В 0.05 0.00 0.58 Below B 0.02 0.00 0.20 Not Rated 2.43 0.40 1.62

	Fund	Bmark	Cat	Fund	<ul> <li>Benchmark</li> </ul>	Category Average
Government	92.90	-	90.29			
Treasury	0.37	-	0.28	0		
Inflation – Protected	44.54	-	80.77			
Agency/Quasi Agency	0.00	-	0.09	0		
Other Government Related	47.99	-	9.15	0		
Corporate	0.04	-	1.40	10		
Corporate Bond	0.04	_	1.37	1		
Bank Loan	0.00	-	0.03	0		
Convertible	0.00	-	0.00	0		
Preferred	0.00	-	0.00	0		
Securitized	5.51	-	4.02			
Agency MBS Pass-Through	3.43	_	1.19	0		
Agency MBS ARM	0.00	-	0.00			
Agency MBS CMO	0.03	-	0.27	[		
Non-Agency Residential MBS	0.17	-	0.06	0		
Commercial MBS	0.37	-	0.20	0		
Asset-Backed	1.51	-	2.04			
Covered Bond	0.00	_	0.26	[		
Municipal	0.00	-	0.00	]		
Cash & Equivalents	0.62	-	4.18			
Other	0.95	-	0.10	0		

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

#### Top 10 Holdings as of 09-30-2023 Name Maturity Date % Net Asset Cumulative % Fixed Income Sector 袋 Cash Offset 75.35 75.35 \_ ⊖ Three-Month Sofr Future Mar 24 73.38 148.73 \_ + Oct23 Sfrz3 P @ 95.625 175.07 26.34 \_ Oct23 Sfrz3 P @ 95.375 25.99 201.07 \_ € Fed Fund 30 Day Mar 24 220.85 19.78 \_ ⊖ Fed Fund 30 Day Oct 23 19.78 240.63 \_ \_ Oct23 Sfrz3 P @ 95.25 15.38 256.01 \_ ① Oct23 Sfrz3 P @ 95 14.45 270.46 \_ Three-Month Sofr Future Jun 24 10.67 281.13 \_ ⊖ Oct23 Sfrz3 P @ 95.125 9.98 291.11 \_

#### Total Holdings 303

⊕ Increase ⊕ Decrease ☎ New to Portfolio

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Morningstar Index Bloomberg US Treasury US TIPS TR USD

#### **Morningstar Category** Inflation-Protected Bond

Total	100.00	100.0
Other	-0.09	0.3
Cash	-89.56	-0.1
Bonds	189.49	99.6
Non-US Stocks	0.00	0.0
US Stocks	0.14	0.1
Asset Class	Net %	Cat

# Eaton Vance Income Fund of Boston I EIBIX

Portfolio Manager(s)

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

#### Quantitative Screens

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

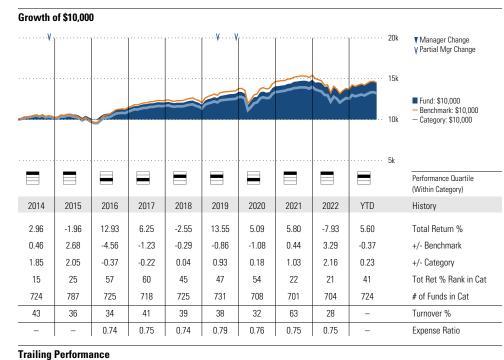
Management: The fund's management has been in place for 8.91 years.

Style Consistency is not calculated for Fixed Income funds.

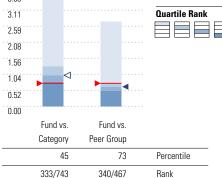
Net Expense: The fund's expense ratio of 0.75 is 15.73% lower than the High Yield Bond category average.

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

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







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

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

Rank

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Morningstar Category Morningstar Index

High Yield Bond

ICE BofA US High Yield TR USD

## Eaton Vance Income Fund of Boston I EIBIX

## Style Analysis as of 09-30-2023



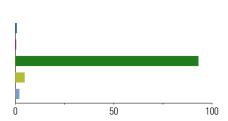


Duration

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

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

Sector Weighting as of 09-30-2023



Fund

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

Benchmark [] Category Average

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

Bmark

Cat

Fund

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

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

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

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

#### Total Holdings 466

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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**Morningstar Category** High Yield Bond

ICE BofA US High Yield TR USD

Morningstar Index

## Federated Hermes Govt Ultrashort IS FGUSX

## Portfolio Manager(s)

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

#### Quantitative Screens

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

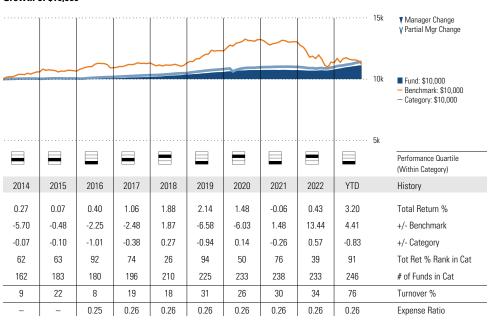
Management: The fund's management has been in place for 26.24 years.

Style Consistency is not calculated for Fixed Income funds.

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

#### Morningstar Investment Management LLC Analysis

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

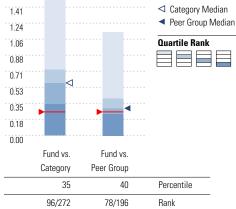


**Morningstar Category** 

Ultrashort Bond







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

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

 Fund
 Bmark
 Cat

 Avg Eff Duration
 0.48
 4.43
 0.70

 Avg Eff Maturity
 5.22
 1.94

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Morningstar Index

Bloomberg US Agg Bond TR USD



## Federated Hermes Govt Ultrashort IS FGUSX

## Style Analysis as of 09-30-2023



Duration

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

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

Morningstar Index

Bloomberg US Agg Bond TR USD

Morningstar Category

Ultrashort Bond

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

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

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

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

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

#### Total Holdings 193

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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# JPMorgan Large Cap Growth R6 JLGMX

## Portfolio Manager(s)

Giri Devulapally since 08-2004 Holly Fleiss since 11-2020 Joseph Wilson since 11-2020 Larry Lee since 11-2020 Robert Maloney since 11-2022

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 19.17 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 0.44 is 53.19% lower than the Large Growth category average.

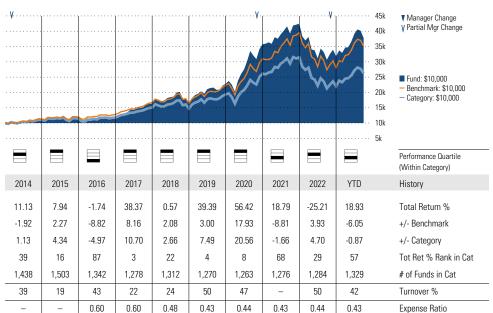
#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	04-07-2022

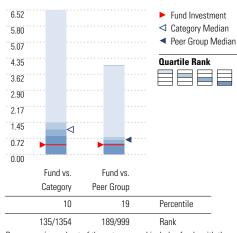




Morningstar Category

Large Growth





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

4	-	% Rank in Category				
895	-	# of	# of Funds in Category			
3-Year Risk Metrics						
		Fund	Bmark	Cat		
Alpha		-1.58	-	-3.72		
Beta		0.90	-	0.97		
R-Squared		96.51	-	91.78		
Standard Deviation		19.05	20.81	21.20		
Sharpe Ratio		0.27	0.37	0.20		
Tracking Error		4.13	-	6.04		
Information Ratio		-0.57	-	-0.75		
Up Capture Ratio		85.43	-	87.74		
Down Capture	Ratio	90.23	-	100.10		

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	33.23	32.24	30.95
Price/Book Ratio	9.41	10.54	7.97
Geom Avg Mkt Cap \$B	357.53	399.08	418.79
BOE	28 87	39.31	33 78

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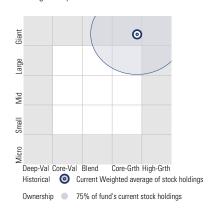


Morningstar Index

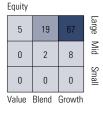
Russell 1000 Growth TR USD

## JPMorgan Large Cap Growth R6 JLGMX

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







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

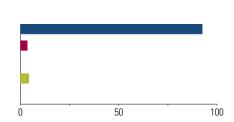
Weight %

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

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	10.49	10.49	32.51	Technology
Apple Inc	10.21	20.70	32.32	Technology
NVIDIA Corp	5.51	26.21	197.74	Technology
€ Alphabet Inc Class C	5.06	31.27	48.60	Communication Svc
	4.95	36.22	51.33	Consumer Cyclical
$ onumber \in \mathbb{R}^{2} $ Meta Platforms Inc Class A	4.87	41.08	149.47	Communication Svc
m lacksquare JPMorgan Prime Money Market Inst	4.19	45.27	-	-
Netflix Inc	2.57	47.84	28.05	Communication Svc
🕀 Tesla Inc	2.51	50.35	103.13	Consumer Cyclical
$ onumber \rightarrow 0 onu$	1.87	52.22	85.97	Technology
$\oplus$ Regeneron Pharmaceuticals Inc	1.82	54.04	14.06	Healthcare
Oracle Corp	1.81	55.85	30.95	Technology
Lowe's Companies Inc	1.76	57.62	5.92	Consumer Cyclical
Eli Lilly and Co	1.75	59.37	47.75	Healthcare
€ Salesforce Inc	1.75	61.11	52.94	Technology

#### Total Holdings 70

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



Bmark

23.62

0.63

15.96

6 1 3

0.90

61.09

11.32

0.55

5.35

43.87

15.30

4.27

10.97

0.06

Fund

20.60

1.03

16.13

3 4 4

0.00

66.11

13.39

1.19

3.31

48 22

13.28

1.45

11.83

0.00

Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

€ Cyclical

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Energy

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Utilities

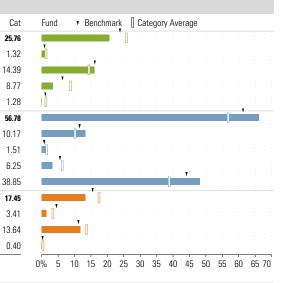
#### Asset Class Net % Cat% US Stocks 92.42 93.10 Non-US Stocks 3.39 4.78 Bonds 0.00 0.00 Cash 4.19 1.11 0.00 Other 0.99 Total 100.00 100.00

Morningstar Index

Russell 1000 Growth TR USD

**Morningstar Category** 

Large Growth





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## JPMorgan US Equity R6 JUEMX

## Portfolio Manager(s)

Scott Davis since 08-2014 David Small since 07-2016 Shilpee Raina since 11-2021

#### 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 9.12 years.

Style: The fund has landed in its primary style box — Large Blend — 70 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.44 is 41.33% lower than the Large Blend category average.

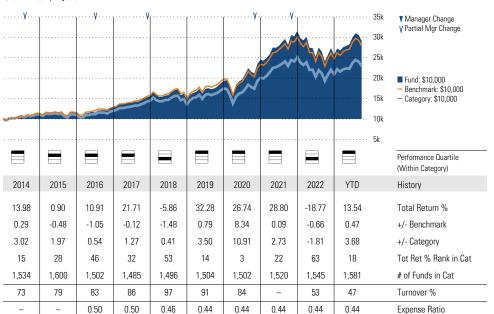
#### **Morningstar Investment Management LLC Analysis**

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

#### **ESG Metrics**

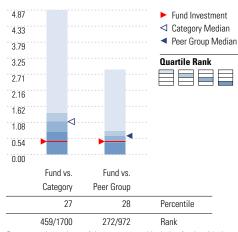
Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	03-11-2022











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

-		70 Hu	ink in outogo	.,	
984	-	# of Funds in Category			
3-Year Risk Met	rics				
		Fund	Bmark	Cat	
Alpha		0.50	-	-0.66	
Beta		0.99	-	0.95	
R-Squared		98.32	-	94.61	
Standard Deviation		17.75	17.85	17.40	
Sharpe Ratio		0.54	0.52	0.45	
Tracking Error		2.31	-	3.74	
Information Ratio		0.17	-	-1.15	
Up Capture Ratio		98.35	-	93.16	
Down Capture Ratio		96.02	-	95.77	
Portfolio Metric	S				

**Total Return %** 

	Fund	Bmark	Cat
Price/Earnings Ratio	23.74	22.40	22.25
Price/Book Ratio	4.72	3.98	4.46
Geom Avg Mkt Cap \$B	258.83	228.69	275.77
ROE	28.45	30.76	29.52

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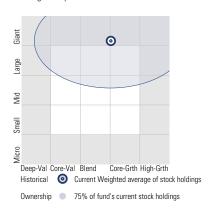


Morningstar Category Morningstar Index Large Blend

S&P 500 TR USD

# JPMorgan US Equity R6 JUEMX

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







#### Weight %

>50 25-50 10-25 0-10

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

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Microsoft Corp	9.31	9.31	32.51	Technology
€ Apple Inc	6.04	15.35	32.32	Technology
∋ NVIDIA Corp	4.00	19.35	197.74	Technology
$\ni$ Amazon.com Inc	3.65	23.00	51.33	Consumer Cyclical
➔ AbbVie Inc	3.28	26.28	-5.02	Healthcare
$\oplus$ Alphabet Inc Class A	3.22	29.50	48.32	Communication Svc
$\ni$ UnitedHealth Group Inc	3.22	32.72	-3.88	Healthcare
∋ NXP Semiconductors NV	3.10	35.83	28.43	Technology
€ NextEra Energy Inc	2.70	38.53	-29.79	Utilities
$\oplus$ Mastercard Inc Class A	2.67	41.20	14.35	Financial Services
$\oplus$ Lowe's Companies Inc	2.51	43.70	5.92	Consumer Cyclical
Đ Eaton Corp PLC	2.48	46.18	37.53	Industrials
e Meta Platforms Inc Class A	2.45	48.62	149.47	Communication Svc
igodolog Baker Hughes Co Class A	2.38	51.01	21.57	Energy
∋ Deere & Co	2.32	53.32	-11.09	Industrials

#### Total Holdings 52

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

Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Energy

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

€ Cyclical

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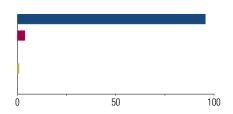
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Utilities



Bmark

27.45

2.23

10.77

12 01

2.44

50.38

8.81

4.42

8.29

28.86

22.17

6.53

13.21

2.43

Fund

29.15

2.88

10.17

14.22

1.88

49.90

6.02

5.63

9.12

29.13

20.93

2.96

13.64

4.33

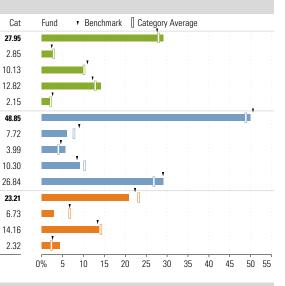
#### Asset Class Net % Cat% US Stocks 95.55 95.33 Non-US Stocks 3.71 2.48 Bonds 0.00 0.15 Cash 0.74 0.71 0.00 Other 1.34 Total 100.00 100.00

Morningstar Index

S&P 500 TR USD

**Morningstar Category** 

📕 Large Blend



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## MFS International Growth R6 MGRDX

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

Management: The fund's management has been in place for 11.75 years.

Style: The fund has landed in its primary style box — Large Growth — 77.42 % of the time over the past three years.

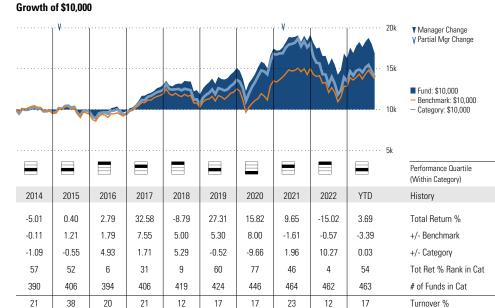
Net Expense: The fund's expense ratio of 0.71 is 31.07% lower than the Foreign Large Growth category average.

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022



#### **Trailing Performance**

0.82

0.81

0.79

0.76

0.73

0.71

0.69

0.70

Expense Ratio

\_



	95/471	168/392	Rank			
Peer group	is a subset o	f the category an	d includes fun	ds with the		
same management style (active vs. passive) and similar share class						
characteris	tics.					

43

Percentile

Fund vs

Peer Group

Fund Bmark

Cat

Price/Earnings Ratio	22.28	13.87	22.08
Price/Book Ratio	3.02	1.69	3.45
Geom Avg Mkt Cap \$B	62.82	47.39	61.22
ROE	18.01	18.84	22.50

**Portfolio Metrics** 

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Fund vs

Category

20

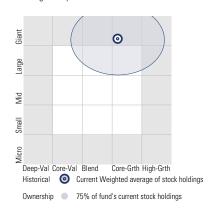


**Morningstar Category** Morningstar Index Foreign Large Growth

MSCI EAFE NR USD

## MFS International Growth R6 MGRDX

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



#### Style Breakdown



#### Weight %

<25

>50 25-50 10-25 0-10

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

50	

Fund

35.51

12.29

12.73

10.49

0.00

35.42

2.94

1.22

16.95

14.31

29.06

13.47

15.21

0.38

**Bmark** 

39.46

7.36

11.35

18 20

2.55

33.86

4.13

4.62

16.35

8.76

26.68

9.95

13.58

3.15

Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

Basic Materials

**Consumer Cyclical** 

**Financial Services** 

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

Consumer Defensive

Դ Cyclical

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Energy

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Utilities

#### Asset Class Net % Cat% US Stocks 4.05 7.23 Non-US Stocks 94.68 89.86 Bonds 0.00 0.04 Cash 1.27 2.25 Other 0.00 0.62 100.00 100.00 Total

#### Cat Benchmark [] Category Average Fund 36.15 6.50 14.91 14.36 0.38 0 40.29 3.19 3.01 17.23 16.86 23.57 8.87 13.85 0.85 0% 10 15 20 25 30 35 40 45 5

#### Fund % Cat % Fund % Cat % Fund % Cat % Greater Asia 30.17 27.04 14.91 Greater Europe 57.55 58.05 Americas 12.28 Market Maturity Fund % 11.60 12.35 89.14 Japan 9.56 North America 9.90 12.77 United Kingdom 9.88 **Developed Markets** Australasia 1.18 1.55 Central/Latin 2.38 2.14 W euro-ex UK 47.19 45.17 Emerging Markets 10.86 Asia-4 Tigers 10.95 6.63 Emrgng Europe 0.00 0.04 Not Available 0.00 Asia-ex 4 Tigers 8.48 7.26 Africa 0.48 0.49 Not Classified 0.00 0.00 >75 50-75

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

25-50

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$oldsymbol{eta}$ Roche Holding AG	4.14	4.14	_	Healthcare
€ Nestle SA	4.12	8.26	-	Consumer Defensive
€ SAP SE	4.07	12.34	-	Technology
$\oplus$ LVMH Moet Hennessy Louis Vuitton SE	3.78	16.11	-	Consumer Cyclical
⊖ Hitachi Ltd	3.57	19.69	-	Industrials
➔ Schneider Electric SE	3.38	23.07	_	Industrials
$\oplus$ Taiwan Semiconductor Manufacturing Co Ltd ADR	3.20	26.26	18.48	Technology
€ Linde PLC	3.01	29.27	15.33	Basic Materials
€ AIA Group Ltd	2.46	31.73	-	Financial Services
🕀 Amadeus IT Group SA	2.19	33.92	_	Consumer Cyclical

#### **Total Holdings** 93

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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**Morningstar Category** Morningstar Index Foreign Large Growth

MSCI EAFE NR USD

## MFS Mid Cap Growth R6 OTCKX

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 14.87 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 37.74% 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	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	02-15-2022



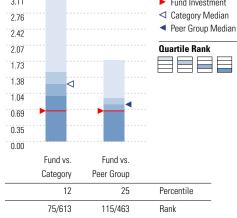


Beta

Morningstar Category

Mid-Cap Growth





characteristics.

10 Category 5 0 -5 -10 Average annual, if greater than 1 year Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund Bmark Cat -1.94 -1.41 0.91 0.98 R-Squared 93.01 90.19 Standard Deviation 19.90 21 11 22.04 Sharpe Ratio 0.02 0 13 0.07 Tracking Error 5.60 6.86 Information Ratio -0.39 -0.38 Up Capture Ratio 92.74 96.49 Down Capture Ratio 100.20 102.58

15

**Total Return %** 

as of 09-30-2023

Fund Benchmark

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	29.33	26.49	27.73
Price/Book Ratio	5.38	7.98	5.01
Geom Avg Mkt Cap \$B	24.74	21.22	20.35
ROE	20.80	22.49	15.69

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Morningstar Index

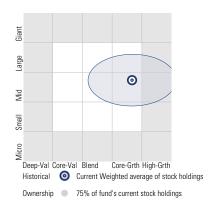
Russell Mid Cap Growth TR USD

ing Perforn	nance			
	(			[
3 Month	1 Year	3 year	5 year	10 year
-5.03	15.10	0.42	6.78	10.65
-5.22	17.47	2.61	6.97	9.94
-5.32	13.25	1.64	5.79	8.98
39	38	66	34	13
612	609	568	537	431
-				o V

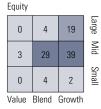
Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class

# MFS Mid Cap Growth R6 OTCKX

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







Weight %

>50 25-50 10-25 0-10

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

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Currency Cash CASH_USD	3.11	3.11	_	-
ige  ightarrow Arthur J. Gallagher & Co	3.08	6.19	21.77	Financial Services
igodolog Monolithic Power Systems Inc	3.07	9.26	31.50	Technology
	2.91	12.17	34.49	Industrials
igop Cadence Design Systems Inc	2.84	15.02	45.85	Technology
∋ AMETEK Inc	2.78	17.79	6.29	Industrials
$\ni$ MSCI Inc	2.52	20.31	11.19	Financial Services
i  Vulcan Materials Co	2.43	22.74	16.10	Basic Materials
ightarrow Steris PLC	2.41	25.15	19.60	Healthcare
∋ Copart Inc	2.04	27.19	41.53	Industrials
∋ Synopsys Inc	1.97	29.16	43.75	Technology
igeq ASM International NV	1.95	31.12	-	Technology
igodolog CoStar Group Inc	1.95	33.06	-0.50	Real Estate
ige > Howmet Aerospace Inc	1.93	34.99	17.66	Industrials
ightarrow Constellation Software Inc	1.81	36.80	34.82	Technology

Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

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Energy

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Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

50

100

Cat

27.40

2.45

13.04

8.92

2.99

49.61

3.47

2.81

16.51

26.82

23.00

2.71

19.68

0.61

Bmark

23.46

0.90

12.36

8 56

1.64

52.20

3.54

4.19

18.06

26.41

24.35

3.14

20.77

0.44

Fund

26.69

2.93

12.61

8.72

2.43

54.89

3.80

2.63

23.06

25.40

18.42

1.67

16.75

0.00

#### Total Holdings 97

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

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**Morningstar Category** Russell Mid Cap Growth TR USD

Morningstar Index

	VIId-Ca	ap Grov	wth
--	---------	---------	-----

Asset Class	Net %	Cat%
US Stocks	87.89	93.49
Non-US Stocks	8.99	4.04
Bonds	0.00	0.11
Cash	3.12	1.74
Other	0.00	0.64
Total	100.00	100.00

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

# PIMCO Commodity Real Return Strat I2 PCRPX

## Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 4.92 years.

Style Consistency is not calculated for Fixed Income funds.

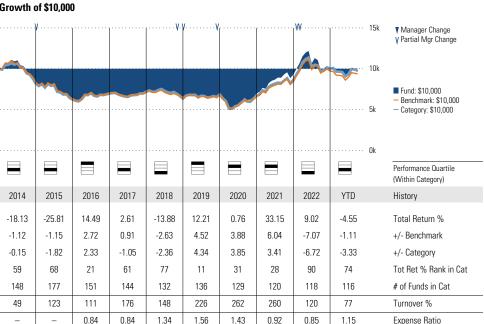
Net Expense: The fund's expense ratio of 1.09 is 3.81% higher than the Commodities Broad Basket category average.

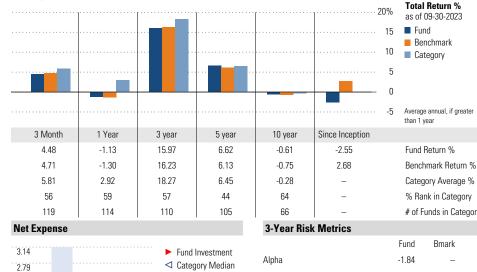
#### **Morningstar Investment Management LLC Analysis**

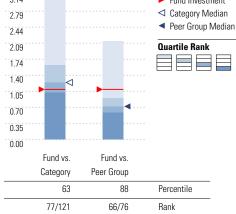
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

#### ESG Metrics

Metric Rating Updated Sustainability Rating 06-30-2023 3







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

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

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 12 27 7.93 Price/Book Ratio 3.56 1.87 Geom Avg Mkt Cap \$B 16 44 44 07 ROE 29.97 27.17

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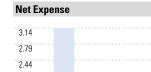
Morningstar Index

Morningstar Category Commodities Broad Basket

Bloomberg Commodity TR USD

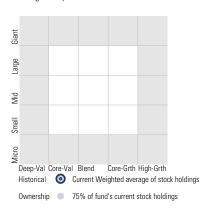
Growth of \$10,000 0.84 0.84 1.34 1.56 0.92 0.85 1.15 Expense Ratio

**Trailing Performance** 



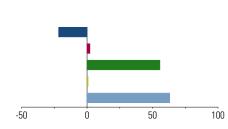
# PIMCO Commodity Real Return Strat I2 PCRPX

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



Large Mid

Small



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

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

Asset Allocation as of 09-30-2023

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

## Value Blend Growth

Weight %

>50 25-50 10-25 0-10

Style Breakdown Equity

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

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

#### Total Holdings 802

🕀 Increase 👄 Decrease 🕸 New to Portfolio



**Morningstar Category** 

Commodities Broad Basket Bloomberg Commodity TR USD

**Morningstar Index** 

## PIMCO 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 16.52 years.

Style Consistency is not calculated for Fixed Income funds.

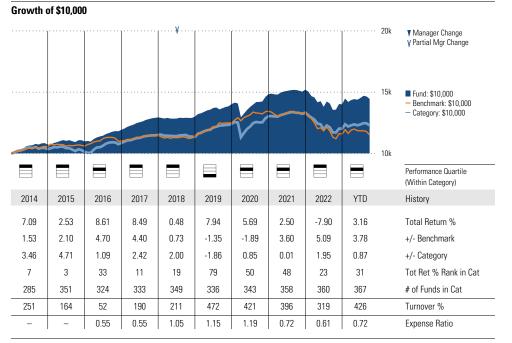
Net Expense: The fund's expense ratio of 0.72 is 26.53% lower than the Multisector Bond category average.

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	08-31-2023



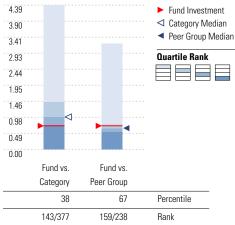
**Morningstar Category** 

Multisector Bond

Morningstar Index

Bloomberg US Universal TR USD





1.43	5.21	Benchmark Return %				
2.41	-	Category Average %				
2	-	% Rank in Category				
178	-	# of F	unds in Cate	gory		
3-Year Risk	Metrics					
		Fund	Bmark	Cat		
Alpha		4.57	-	3.21		
Beta		0.84	-	0.78		
R-Squared		80.17	-	68.44		
Standard Devia	ition	5.77	6.17	5.81		
Sharpe Ratio		-0.23	-1.08	-0.40		
Tracking Error		2.76	-	3.69		
Information Ra	tio	1.90	_	1.16		

Down Capture Ratio	54.75	-	55.86
Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	4.01	4.55	4.43
Avg Eff Maturity	5.78	7.69	7.23

109.14

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.

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92.20

# PIMCO Income I2 PONPX

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



-150 -100 -50 0 50 100 150 200 250

Asset Class	Net %	Cat%
US Stocks	1.48	1.20
Non-US Stocks	-1.39	0.16
Bonds	221.73	89.79
Cash	-122.08	6.58
Other	0.26	2.27
Total	100.00	100.00

**Morningstar Index** 

Bloomberg US Universal TR USD

Morningstar Category

Multisector Bond

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

Asset Allocation as of 09-30-2023

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	58.86	67.64	22.57
AA	5.30	3.23	3.57
А	3.36	10.03	8.60
BBB	11.99	10.89	21.91
BB	8.89	3.19	19.49
В	3.98	3.64	12.39
Below B	7.62	1.38	4.32
Not Rated	0.00	0.00	7.16

	Fund	Bmark	Cat	Fund		<ul> <li>Bench</li> </ul>	mark	Cate	gory Ave	erage			
Government	42.66	-	27.98							0	-	-	
Treasury	1.66	-	9.52			0							
Inflation – Protected	1.97	-	0.74	(									
Agency/Quasi Agency	0.02	-	0.61	10									
Other Government Related	39.01	-	17.11					0					
Corporate	2.83	_	34.47								0		
Corporate Bond	2.20	-	28.76							0			
Bank Loan	0.62	-	3.29										
Convertible	0.01	-	0.78										
Preferred	0.00	-	1.64										
Securitized	18.73	_	22.98										
Agency MBS Pass-Through	10.30	-	6.64										
Agency MBS ARM	0.00	-	0.02	ļ									
Agency MBS CMO	0.14	-	1.98										
Non-Agency Residential MBS	3.14	-	1.76										
Commercial MBS	0.20	-	2.15										
Asset-Backed	4.95	-	10.43			]							
Covered Bond	0.00	-	0.00	0									
Municipal	0.01	-	0.34	[]									
Cash & Equivalents	27.60	-	6.96			]							
Other	7.99	-	7.27			0							
				0%	5	10	15	20	25	30	35	40	4

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

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
な Offset: Unsettled Trades	-	40.63	40.63	_
€ RFR USD SOFR/5.10000 05/22/23-1Y LCH Pay	05-2024	33.49	74.12	-
RFR USD SOFR/5.10000 05/22/23-1Y LCH Receive	05-2024	33.40	107.52	-
RFR USD SOFR/5.40000 06/06/23-1Y LCH Receive	06-2024	19.71	127.23	-
⊕ RFR USD SOFR/5.40000 06/06/23-1Y LCH Pay	06-2024	19.71	146.94	-
€ RFR USD SOFR/4.50000 05/22/23-2Y LCH Pay	05-2025	17.27	164.21	_
RFR USD SOFR/4.50000 05/22/23-2Y LCH Receive	05-2025	17.16	181.37	-
🗱 Cash Offset	_	13.42	194.79	-
RFRF USD SF+26.161/0.00 11/04/22-1Y* LCH Pay	08-2023	12.63	207.42	-
IRSF USD 0.00000 11/04/22-1Y* (WHT) LCH Pay	08-2023	12.63	220.06	-

### Total Holdings 8508

 $\oplus$  Increase  $\oplus$  Decrease otin 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 9.02 years.

Style Consistency is not calculated for Fixed Income funds.

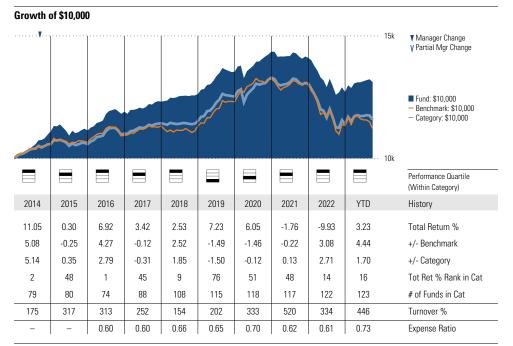
Net Expense: The fund's expense ratio of 0.73 is 1.35% lower than the Global Bond-USD Hedged category average.

#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

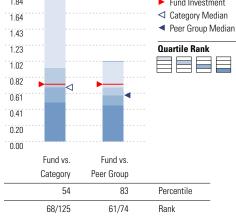
Metric	Rating	Updated
Sustainability Rating	4	08-31-2023



Morningstar Category

Global Bond-USD Hedged





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

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

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

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Morningstar Index

Bloomberg US Agg Bond TR USD

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

## Style Analysis as of 09-30-2023





Duration

-50	0	50	100	150

Asset Allocation as of 09-30-2023

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

Sector Weighting as of 09-30-2023

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

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

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

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

#### Total Holdings 1673

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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**Morningstar Category** Global Bond-USD Hedged

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

## Vanguard 500 Index Admiral VFIAX

## Portfolio Manager(s)

Donald Butler since 04-2016 Michelle Louie since 11-2017 Nick Birkett since 08-2023 Aaron Choi since 08-2023

#### Quantitative Screens

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

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

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

Net Expense: The fund's expense ratio of 0.04 is 94.67% lower than the Large Blend category average.

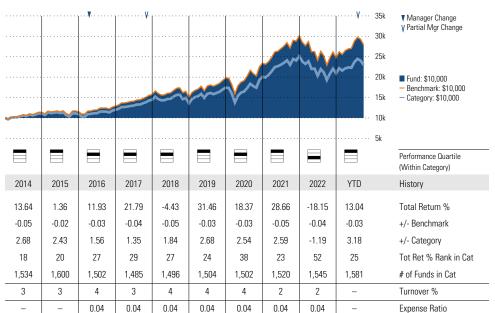
#### **Morningstar Investment Management LLC Analysis**

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

## **ESG Metrics**

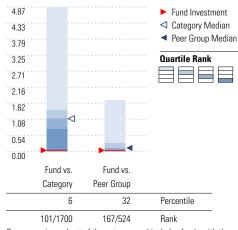
Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000



Large Blend





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

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

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

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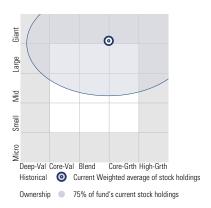


Morningstar Category Morningstar Index

S&P 500 TR USD

# Vanguard 500 Index Admiral VFIAX

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







#### Weight %

>50 25-50 10-25 0-10

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

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

Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

50

Fund

27.43

2.24

10.78

11.97

2.44

50.40

8.81

4.43

8.28

28 88

22.17

6.52

13.22

2.43

Bmark

27.45

2.23

10.77

12 01

2.44

50.38

8.81

4.42

8.29

28.86

22.17

6.53

13.21

2.43

100

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Energy

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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 510

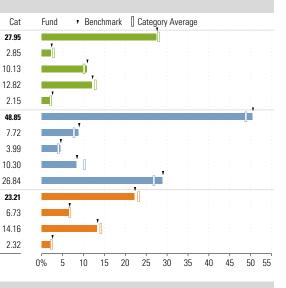
 $\oplus$  Increase  $\oplus$  Decrease R New to Portfolio



 Morningstar Category
 Morningstar Index

 Large Blend
 S&P 500 TR USD

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



## Vanguard Developed Markets Index Admiral VTMGX

Portfolio Manager(s)

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

#### Quantitative Screens

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

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

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

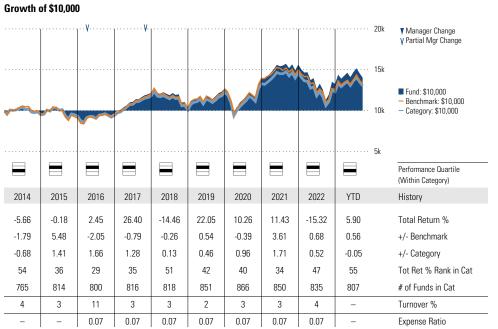
Net Expense: The fund's expense ratio of 0.07 is 91.95% lower than the Foreign Large Blend category average.

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

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

#### **ESG Metrics**

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



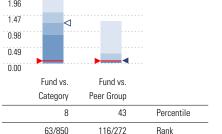
**Morningstar Category** 

Foreign Large Blend





ROE



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

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

16.69

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17.72

20.14

Morningstar Index

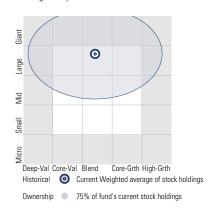
MSCI ACWI Ex USA NR USD

J4	30
765	814

#### **Trailing Performance**

# Vanguard Developed Markets Index Admiral VTMGX

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





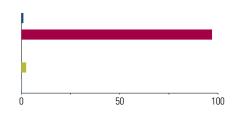


Weight %

<25

>50 25-50 10-25 0-10

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

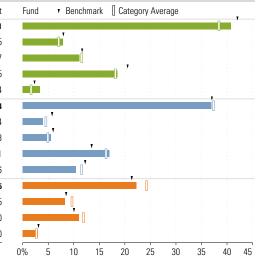


#### Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

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

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



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

Top 10 Holdings as of 09-30-2023

25-50

50-75

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

#### Total Holdings 4073

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

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Morningstar Category

Foreign Large Blend

Morningstar Index MSCI ACWI Ex USA NR USD

### Vanguard International Value Inv VTRIX

Portfolio Manager(s) Michael Bennett since 05-2010 Michael Fry since 05-2010 Steven Morrow since 08-2012 A. Rama Krishna since 12-2012 Arjun Kumar since 10-2020

#### **Quantitative Screens**

Shirley Woo since 10-2020

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

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

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

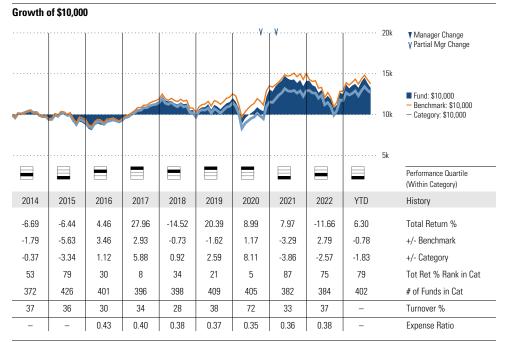
Net Expense: The fund's expense ratio of 0.38 is 60.82% lower than the Foreign Large Value category average.

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

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

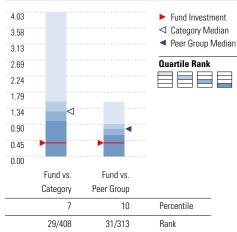
#### **ESG Metrics**

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



#### **Trailing Performance**





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

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

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

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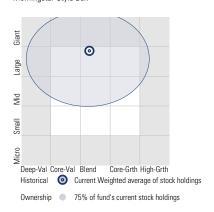


**Morningstar Category** Morningstar Index Foreign Large Value

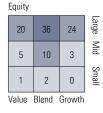
MSCI EAFE NR USD

## Vanguard International Value Inv VTRIX

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







Weight %

<25

>50 25-50 10-25 0-10

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



50

100

Bmark

39.46

7.36

11.35

18 20

2.55

33.86

4.13

4.62

16.35

8.76

26.68

9.95

13.58

3.15

Fund

42.65

10.36

17.03

14.39

0.87

40.83

4.93

5.83

18.89

11.18

16.51

6.36

7.86

2.29

Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

Consumer Defensive

0

Դ Cyclical

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Energy

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F

Utilities

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

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

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

Top 10 Holdings as of 09-30-2023

25-50

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

#### Total Holdings 229

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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Morningstar Category

Morningstar Index Foreign Large Value MSCI EAFE NR USD

### Vanguard Real Estate Index Admiral VGSLX

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

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

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

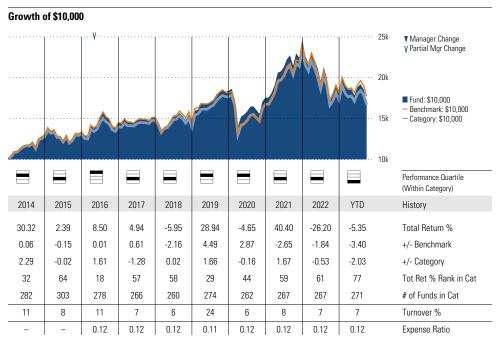
Net Expense: The fund's expense ratio of 0.12 is 88.79% lower than the Real Estate category average.

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

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

#### **ESG Metrics**

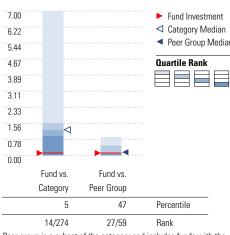
Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Morningstar Category

Real Estate





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

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

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

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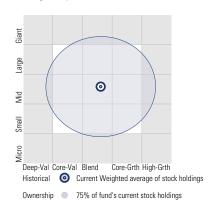


Morningstar Index

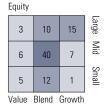
S&P United States REIT TR USD

## Vanguard Real Estate Index Admiral VGSLX

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







## We >50

#### Т

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

#### Total Holdings 165

🕀 Increase 👄 Decrease 🕸 New to Portfolio

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

100

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

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

0

50

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

<sup>)0</sup> 



## Vanguard Small Cap Value Index Admiral VSIAX

Portfolio Manager(s)

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

#### Quantitative Screens

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

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

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

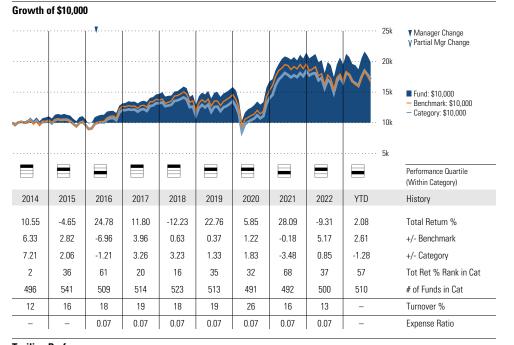
Net Expense: The fund's expense ratio of 0.07 is 93.75% lower than the Small Value category average.

#### Morningstar Investment Management LLC Analysis

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

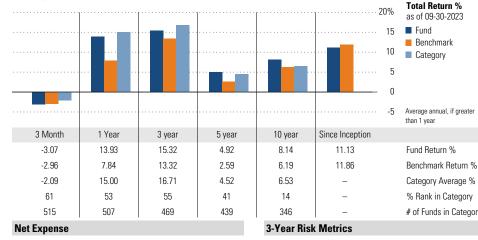
#### **ESG Metrics**

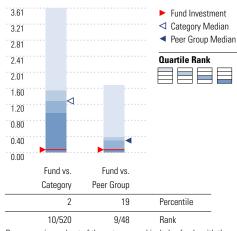
Metric	Rating	Updated
Sustainability Rating	4	08-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Small Value







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

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

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

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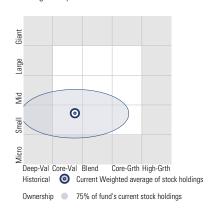


Morningstar Category Morningstar Index

Russell 2000 Value TR USD

## Vanguard Small Cap Value Index Admiral VSIAX

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







Weight %

>50 25-50 10-25 0-10

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

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

#### Total Holdings 855

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

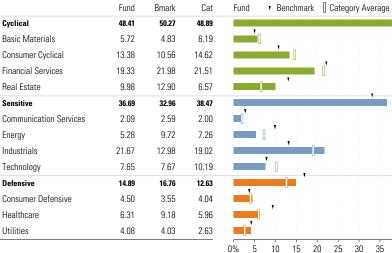
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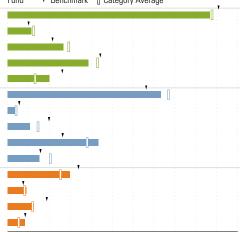
45

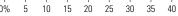
50 55

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



100





Russell 2000 Value TR USD

Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

Basic Materials

Consumer Cyclical

**Financial Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

0

Դ Cyclical

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Energy

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F

Utilities 50

Portfolio Manager(s)

Quantitative Screens

been in existence.

place for 10.61 years.

**ESG Metrics** 

Sustainability Rating

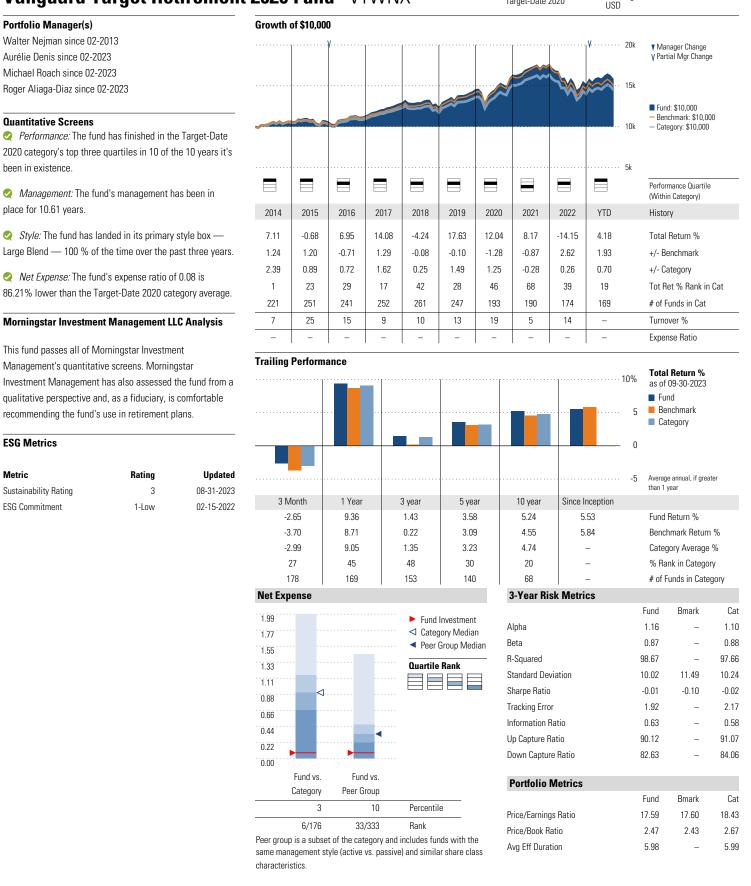
ESG Commitment

Metric

Aurélie Denis since 02-2023

## Vanguard Target Retirement 2020 Fund VTWNX

Morningstar Category Target-Date 2020



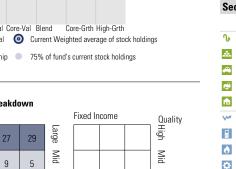
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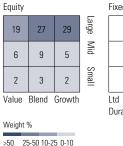
## Vanguard Target Retirement 2020 Fund VTWNX

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

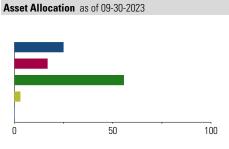




#### Style Breakdown



## Low Mod Ext Duration



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

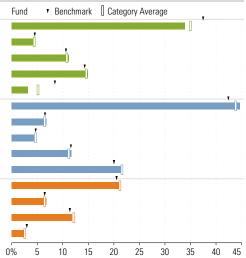
**Morningstar Category** 

Target-Date 2020

Morningstar Index Morningstar Lifetime Mod 2020 TR USD

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

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



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

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

#### Total Holdings 7

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



Portfolio Manager(s)

Quantitative Screens

been in existence.

place for 10.61 years.

**ESG Metrics** 

Sustainability Rating

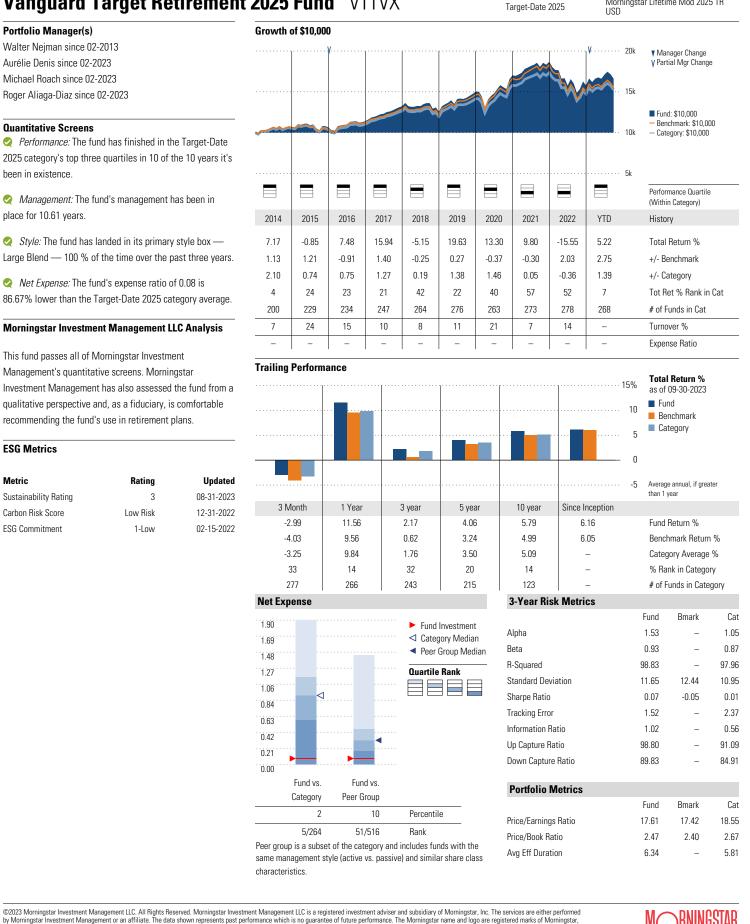
Carbon Risk Score

ESG Commitment

Metric

## Vanguard Target Retirement 2025 Fund VTTVX

Morningstar Category

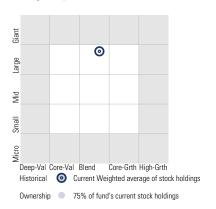


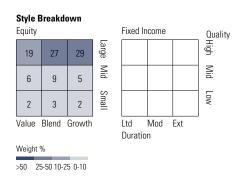
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## Vanguard Target Retirement 2025 Fund VTTVX

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





# 

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

Morningstar Category

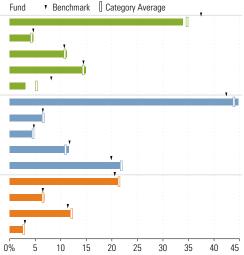
Target-Date 2025

Morningstar Index Morningstar Lifetime Mod 2025 TR USD

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

Asset Allocation as of 09-30-2023

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



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

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

#### Total Holdings 7

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



## Vanguard Target Retirement 2030 Fund VTHRX

Portfolio Manager(s)

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

#### Quantitative Screens

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

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

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

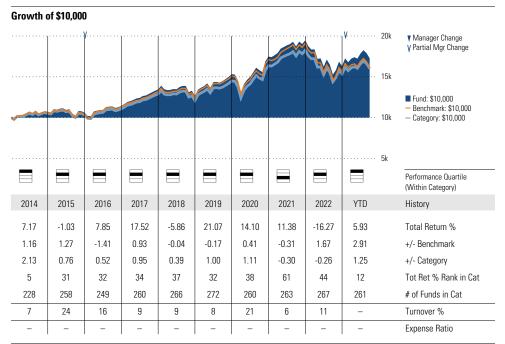
Net Expense: The fund's expense ratio of 0.08 is 87.3% lower than the Target-Date 2030 category average.

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

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

#### **ESG Metrics**

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

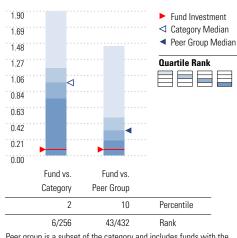


Morningstar Category

Target-Date 2030







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

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

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

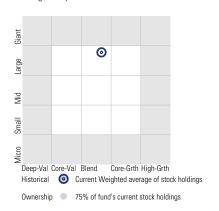
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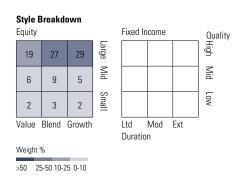


Morningstar Index Morningstar Lifetime Mod 2030 TR USD

## Vanguard Target Retirement 2030 Fund VTHRX

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





# 

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

Morningstar Category

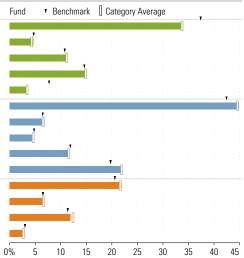
Target-Date 2030

Morningstar Index Morningstar Lifetime Mod 2030 TR USD

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

Asset Allocation as of 09-30-2023

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



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

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

#### Total Holdings 6



## Vanguard Target Retirement 2035 Fund VTTHX

Portfolio Manager(s)

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

#### Quantitative Screens

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

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

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

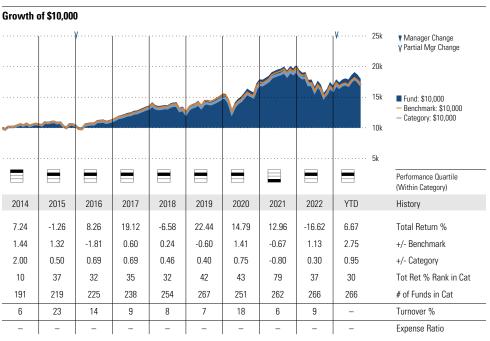
Net Expense: The fund's expense ratio of 0.08 is 87.1% lower than the Target-Date 2035 category average.

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

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

#### **ESG Metrics**

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



Morningstar Category

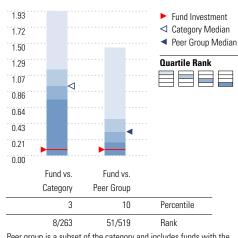
Target-Date 2035

Morningstar Index Morningstar Lifetime Mod 2035 TR

USD

#### Trailing Performance





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

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

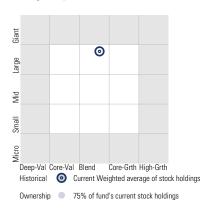
Portfolio Metrics						
	Fund	Bmark	Cat			
Price/Earnings Ratio	17.70	17.07	18.50			
Price/Book Ratio	2.50	2.34	2.71			
Avg Eff Duration	6.73	-	6.11			

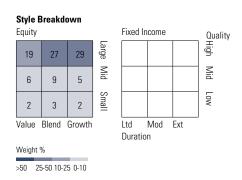
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## Vanguard Target Retirement 2035 Fund VTTHX

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





# 

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

Morningstar Category

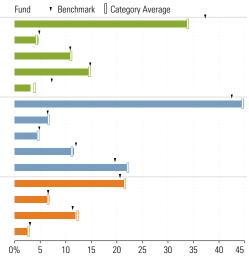
Target-Date 2035

Morningstar Index Morningstar Lifetime Mod 2035 TR USD

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

Asset Allocation as of 09-30-2023

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



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

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

#### Total Holdings 6



## Vanguard Target Retirement 2040 Fund VFORX

.....

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

#### Quantitative Screens

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

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

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

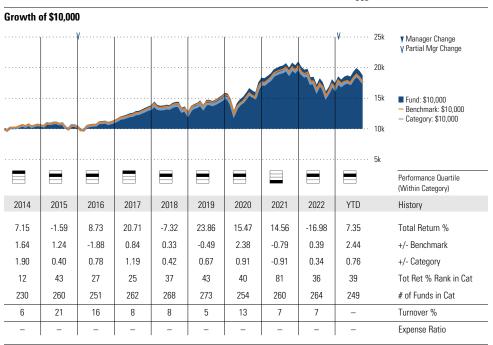
Net Expense: The fund's expense ratio of 0.08 is 87.88% lower than the Target-Date 2040 category average.

#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

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



Morningstar Category

Target-Date 2040

#### **Trailing Performance**



Alpha

Beta

**R-Squared** 

Sharpe Ratio

Tracking Error

Information Ratio

Up Capture Ratio

Down Capture Ratio

Standard Deviation

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

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

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

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Fund

0.44

0.94

99.00

14 68

0.25

1.79

0.12

95.53

93.64

Bmark

15.62

0.23

Cat

0.45

0.95

98.40

14 97

0.25

2.19

0.20

97.38

95.57

Cat

18.51

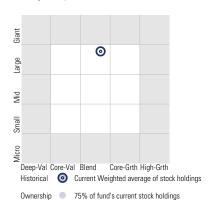
2.74

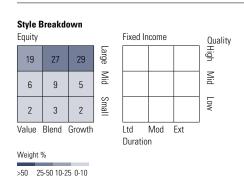
611

Morningstar Index Morningstar Lifetime Mod 2040 TR USD

## Vanguard Target Retirement 2040 Fund VFORX

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





# 

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

Morningstar Category

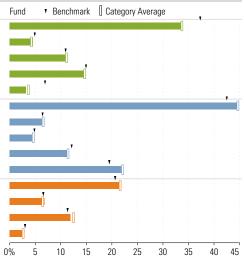
Target-Date 2040

Morningstar Index Morningstar Lifetime Mod 2040 TR USD

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

Asset Allocation as of 09-30-2023

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



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

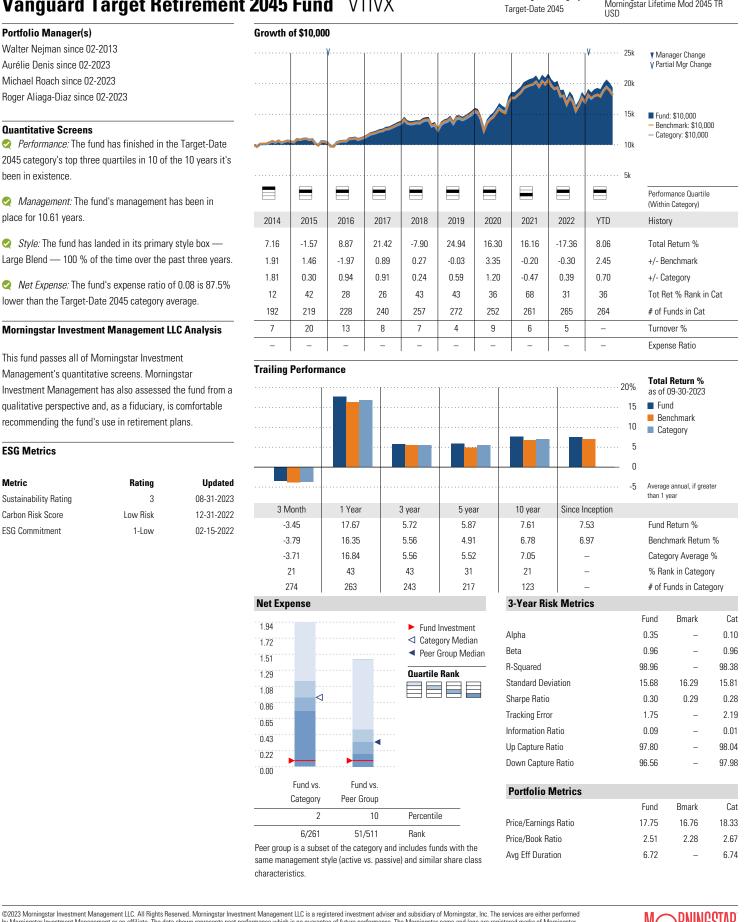
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\ominus$ Vanguard Total Stock Mkt Idx Instl PIs	_	47.71	47.71	_	_
$\ominus$ Vanguard Total Intl Stock Index Inv	-	30.44	78.16	_	-
$\oplus$ Vanguard Total Bond Market II Idx Inv	-	14.69	92.85	_	-
$\oplus$ Vanguard Total Intl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

#### Total Holdings 6



## Vanguard Target Retirement 2045 Fund VTIVX

Morningstar Category



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

#### Quantitative Screens

Portfolio Manager(s)

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

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

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

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

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

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

#### **ESG Metrics**

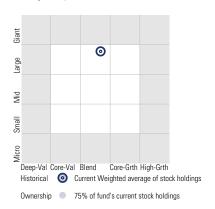
Metric	Rating	Update
Sustainability Rating	3	08-31-20
Carbon Risk Score	Low Risk	12-31-20
ESG Commitment	1-Low	02-15-20

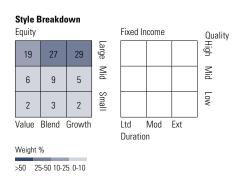
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## Vanguard Target Retirement 2045 Fund VTIVX

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





## 

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

Morningstar Category

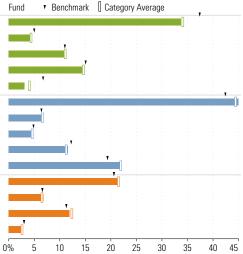
Target-Date 2045

Morningstar Index Morningstar Lifetime Mod 2045 TR USD

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

Asset Allocation as of 09-30-2023

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



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

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

#### Total Holdings 6



Portfolio Manager(s)

Quantitative Screens

been in existence.

place for 10.61 years.

**ESG Metrics** 

Sustainability Rating

Carbon Risk Score

ESG Commitment

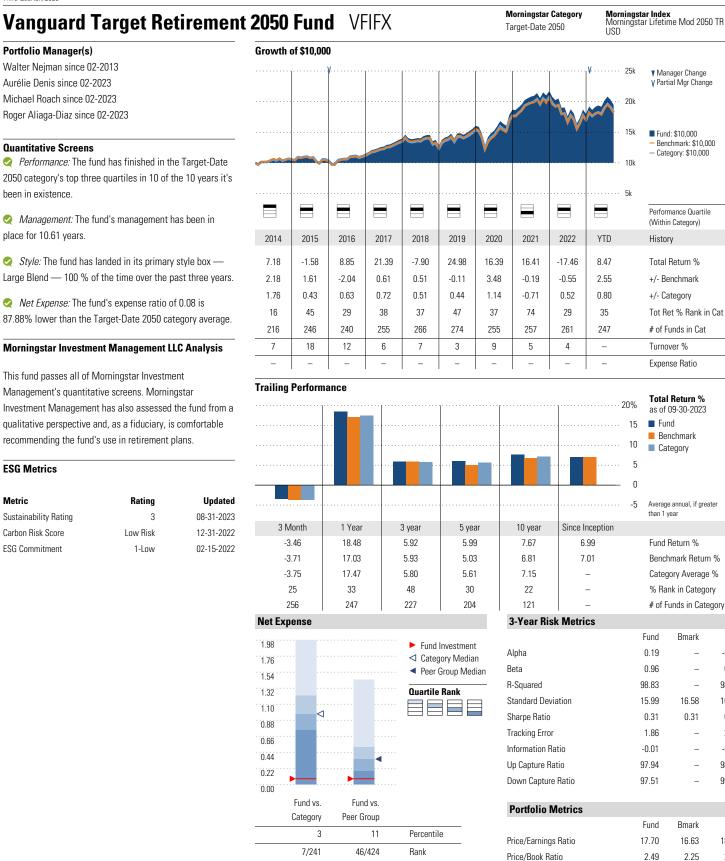
Metric

Walter Nejman since 02-2013

Roger Aliaga-Diaz since 02-2023

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

## Vanguard Target Retirement 2050 Fund VFIFX



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

Avg Eff Duration

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671

Cat

-0.06

0.97

98.24

16 20

0.29

2.24

-0.09

98.54

99.27

Cat

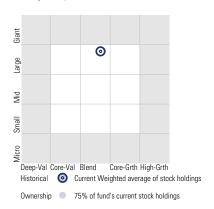
18.33

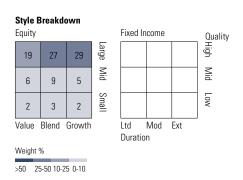
2.67

6.59

## Vanguard Target Retirement 2050 Fund VFIFX

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





## 

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

Morningstar Category

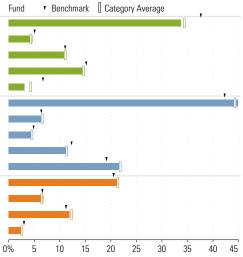
Target-Date 2050

Morningstar Index Morningstar Lifetime Mod 2050 TR USD

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

Asset Allocation as of 09-30-2023

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



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

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

#### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio

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## Vanguard Target Retirement 2055 Fund VFFVX

Portfolio Manager(s)

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

#### Quantitative Screens

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

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

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

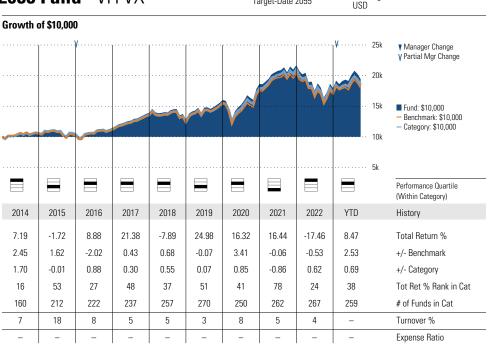
Net Expense: The fund's expense ratio of 0.08 is 87.5% lower than the Target-Date 2055 category average.

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

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

#### **ESG Metrics**

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

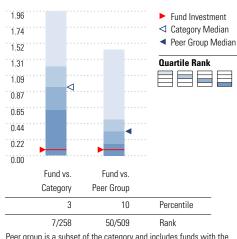


Morningstar Category

Target-Date 2055

#### **Trailing Performance**





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

3-Tear Kisk Weurics			
	Fund	Bmark	Cat
Alpha	0.18	-	0.03
Beta	0.95	-	0.97
R-Squared	98.79	-	98.19
Standard Deviation	15.99	16.66	16.37
Sharpe Ratio	0.31	0.31	0.30
Tracking Error	1.92	-	2.24
Information Ratio	-0.02	-	-0.04
Up Capture Ratio	97.64	-	99.47
Down Capture Ratio	97.27	-	99.88

Morningstar Index Morningstar Lifetime Mod 2055 TR

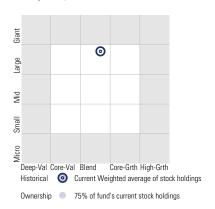
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.65	16.51	18.11
Price/Book Ratio	2.48	2.22	2.65
Avg Eff Duration	6.71	-	7.49

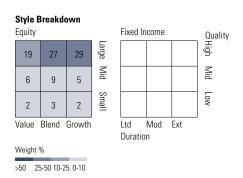
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## Vanguard Target Retirement 2055 Fund VFFVX

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





## 

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

Morningstar Category

Target-Date 2055

Morningstar Index Morningstar Lifetime Mod 2055 TR USD

30 35 40 45

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

Asset Allocation as of 09-30-2023

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

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

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

#### Total Holdings 6



## Vanguard Target Retirement 2060 Fund VTTSX

Portfolio Manager(s)

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

#### Quantitative Screens

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

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

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

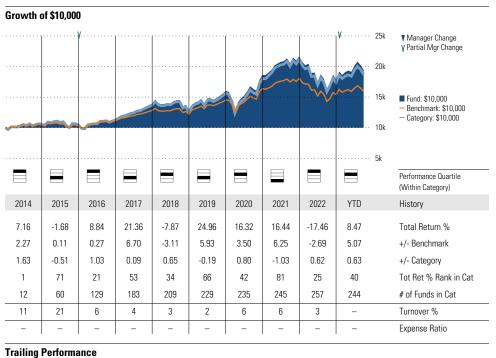
Net Expense: The fund's expense ratio of 0.08 is 88.06% lower than the Target-Date 2060 category average.

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

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

#### **ESG Metrics**

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



Morningstar Category

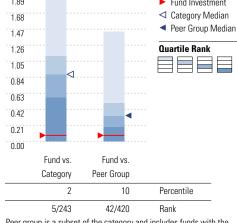
Target-Date 2060

Morningstar Index

Morningstar Mod Tgt Risk TR USD



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 Benchmark Return % Category Average % % Rank in Category # of Funds in Category Cat 3.12 3.10 1.32 1 29 98.50 **R-Squared** 97.20 12.30 Standard Deviation 15.97 16 42 Sharpe Ratio 0.31 0.08 0.30 Tracking Error 4.06 4.78 Information Ratio 0.89 0.75 Up Capture Ratio 141.38 144.61 Down Capture Ratio 124.11 127.71 

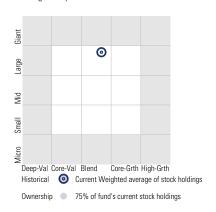
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.63	16.40	18.07
Price/Book Ratio	2.48	2.18	2.61
Avg Eff Duration	6.71	-	6.43

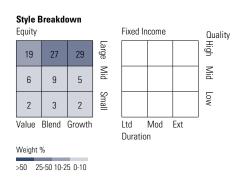
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## Vanguard Target Retirement 2060 Fund VTTSX

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





## 

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

**Morningstar Index** 

Morningstar Mod Tgt Risk TR USD

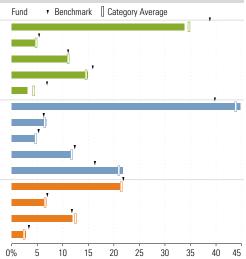
Morningstar Category

Target-Date 2060

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

Asset Allocation as of 09-30-2023

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



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

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

#### Total Holdings 6



## Vanguard Target Retirement 2065 Fund VLXVX

Growth of \$10,000

#### Portfolio Manager(s)

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

#### Quantitative Screens

Performance: The fund has finished in the Target-Date 2065+ category's top three quartiles in 4 of the 6 years it's been in existence.

*Management:* The fund's management has been in place for 6.22 years.

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

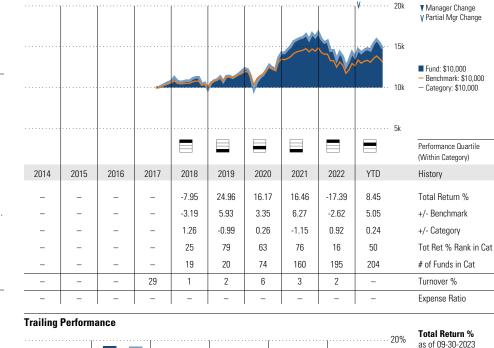
Net Expense: The fund's expense ratio of 0.08 is 86.67% lower than the Target-Date 2065+ category average.

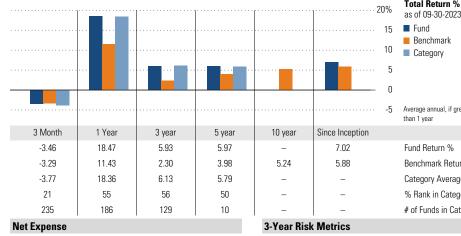
#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

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





Alpha

Beta

R-Squared

Sharpe Ratio

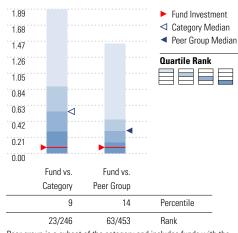
Tracking Error

Information Ratio

Up Capture Ratio

Down Capture Ratio

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.

Average annual, if greater Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund **Bmark** Cat 3.14 2.96 1 34 1 29 98.48 97.56 12.30 15.98 16 70 0.31 0.08 0.30 4.07 4.95 0.89 0.70 141.53 146.28 124.16 130.15

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

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Morningstar Index

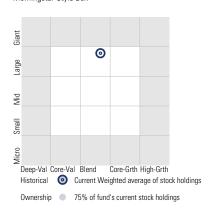
**Morningstar Category** 

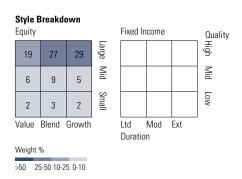
Target-Date 2065+

Morningstar Mod Tgt Risk TR USD

## Vanguard Target Retirement 2065 Fund VLXVX

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





## 

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

**Morningstar Index** 

Morningstar Mod Tgt Risk TR USD

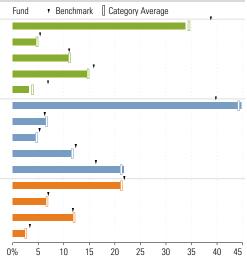
Morningstar Category

Target-Date 2065+

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

Asset Allocation as of 09-30-2023

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



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

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

#### Total Holdings 6



### Vanguard Target Retirement 2070 Fund VSVNX

**Morningstar Category** 

**Morningstar Index** NЛ

Vanguard T	U												ningstar Mo		
Portfolio Manager(s)			Growth	of \$10,000											
Walter Nejman since 06-2 Aurélie Denis since 02-20 Michael Roach since 02-2 Roger Aliaga-Diaz since 0	23 023							[				· ·····	γPa	lanager Change artial Mgr Chan	
<b>Quantitative Screens</b> The Performance screen is less than three years of da		inds with									~~~~		— B	ınd: \$10,000 enchmark: \$10, ategory: \$10,00	
× Management: The fund place for less than three y		n has been in												ormance Quarti hin Category)	le
Style: The fund has la	nded in its primary st	vle box —	2014	2015	2016	2017	2018	2019	2020	2021	2022	YTD	Hist	ory	
Large Blend — 100 % of t			_	_	_	_	_	_	_	_	_	8.49	Tota	al Return %	
Not Europeou The fund	d'a avaanaa ratia of O	00 :	_	-	_	_	-	-	-	_	-	5.09	+/-	Benchmark	
Net Expense: The fund 86.67% lower than the Ta			-	-	-	-	-	-	-	-	-	0.28	+/-	Category	
average.		gory	-	-	_	-	-	-	-	-	-	45	Tot	Ret % Rank i	in Cat
			_	-	-	-	-	-	-	-	_	204	# of	Funds in Cat	
Morningstar Investmen	t Management LLC	Analysis	_	-	-	-	-	-	-	-	44	-		nover %	
This fund fails the manage	er tenure screen due t	to a limited	-	-	-	-	-	-	-	-	-	-	Exp	ense Ratio	
history for this target-date			Trailing	Performa	ince										
ESG Metrics													20% as o 15 ■ F	<b>al Return %</b> of 09-30-2023 und Benchmark	
Metric	Rating	Updated			·				••••••				10	ategory	
Sustainability Rating	3	08-31-2023										•••••	5		
Carbon Risk Score	Low Risk	12-31-2022	_										0		
														age annual, if gre	eater
			3 N	lonth	1 Year		3 year	5 ye	ar	10 year	Since I	nception	than	1 year	
				3.47	18.49		_	-		_		.57	Fun	d Return %	
			-3	3.29	11.43		2.30	3.9	8	5.24	5	.88	Ben	chmark Retu	rn %
				3.77	18.36		6.13	5.7	9	-		-		egory Averag	
				23	52		-	-		-		-		lank in Categ	
			Net Exp	235	186	1	-	-	1	3-Year Ri	1	-	# 01	Funds in Cat	egory
				101130						J-Teat III	SK WCUI	63	Fund	Bmark	C
			1.89					Investmen gory Media		Alpha			_	_	2.
			1.68 1.47					Group Media		Beta			-	-	1.
			1.47				Quartile	e Rank		R-Squared			-	-	97.
			1.05							Standard De			-	12.30	16.
			0.84	•••						Sharpe Ratio			-	0.08	0.
			0.63							Tracking Erro			_	_	4. 0.
			0.42			-				Up Capture I			_	_	146.
			0.21		<b>&gt;</b>	_				Down Captu			_	_	130
			0.00	Fund vs.	Fun	d vs.									
				Category	Peer G					Portfolio	Metrics		Fund	Dmork	(
				9		14	Percenti	le		Price/Earnin	as Ratio		Fund 17.66	Bmark 16.40	( 17.
				23/246		/453	Rank			Price/Book F	•		2.48	2.18	2.
				p is a subset agement st stics.		• •				Avg Eff Dura			6.73	_	6.
©2023 Morningstar Investment Managem	agement LLC. All Rights Reserv	ed Morningstar Invest	ment Manageme	at LLC is a regi										<b>NRNIN</b>	0.074



Cat

2.96 1.34

97.56

16.70

0.30 4.95

0.70

146.28

130.15

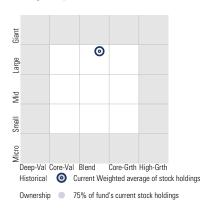
Cat 17.76

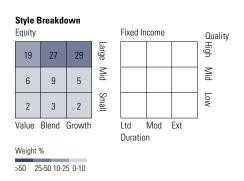
2.52

6.43

## Vanguard Target Retirement 2070 Fund VSVNX

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





## 

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

**Morningstar Index** 

Morningstar Mod Tgt Risk TR USD

Morningstar Category

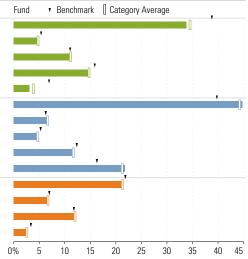
Target-Date 2065+

0

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

Asset Allocation as of 09-30-2023

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



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

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt Idx Instl PIs	-	53.67	53.67	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.77	89.43	_	-
$\oplus$ Vanguard Total Bond Market II Idx Inv	-	6.96	96.40	_	-
$\oplus$ Vanguard Total Intl Bd II Idx Insl	-	2.98	99.38	-	-
① Mktliq 12/31/2049	-	0.31	99.69	-	-
🕀 Us Dollar	_	0.31	100.00	-	-

#### Total Holdings 6



average.

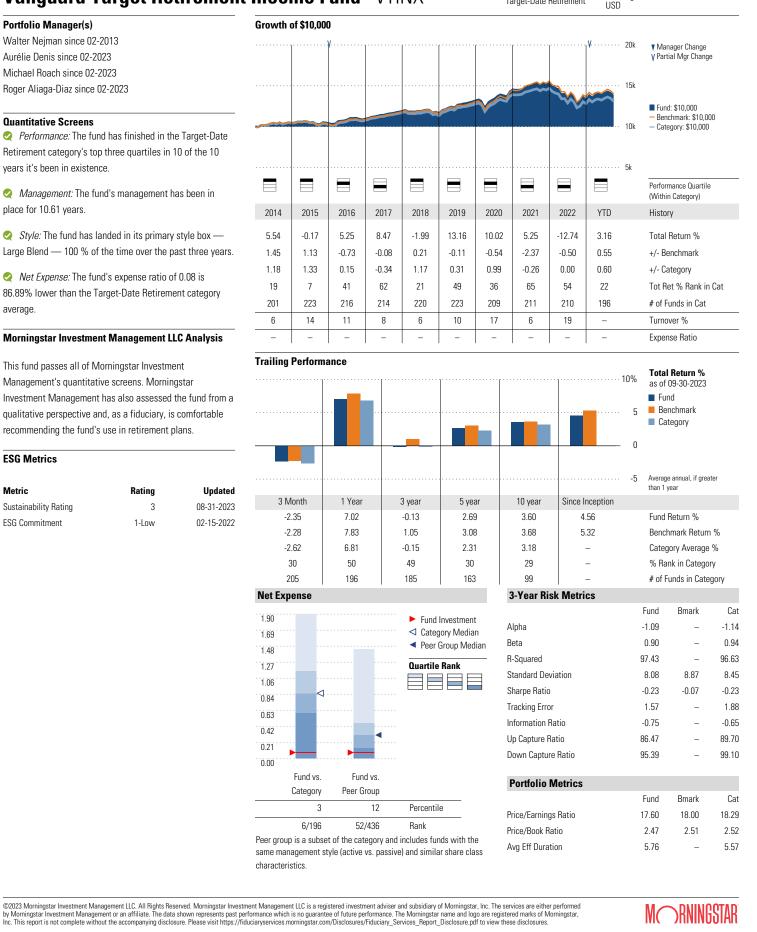
**ESG Metrics** 

Metric

## Vanguard Target Retirement Income Fund VTINX

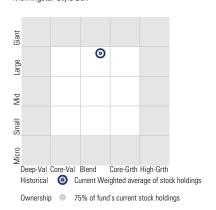
Morningstar Category Target-Date Retirement

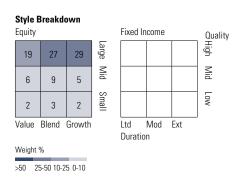
Morningstar Index Morningstar Lifetime Mod Incm TR



## Vanguard Target Retirement Income Fund VTINX

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





## 

Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

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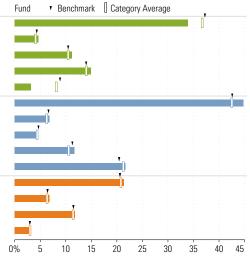
Other	0.02	13.34
Cash	3.11	3.88
Bonds	66.91	52.99
Non-US Stocks	11.99	9.84
US Stocks	17.95	19.96
Asset Class	Net %	Cat%

**Morningstar Category** 

Target-Date Retirement

Morningstar Index Morningstar Lifetime Mod Incm TR USD

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



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

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

#### Total Holdings 7

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

