## AB Global Bond Z ANAZX

## Portfolio Manager(s)

Scott DiMaggio since 08-2005 Matthew Sheridan since 01-2007 John Taylor since 02-2019

#### Quantitative Screens

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

Management: The fund's management has been in place for 18.35 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.51 is 27.14% lower than the Global Bond-USD Hedged category average.

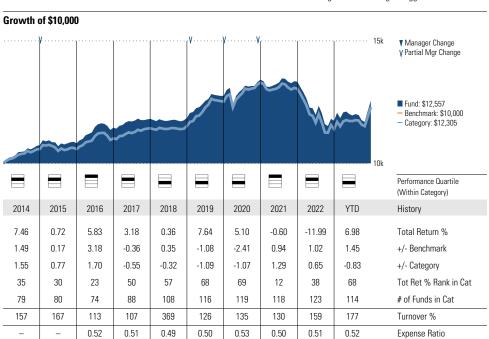
#### **Morningstar Investment Management LLC Analysis**

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.

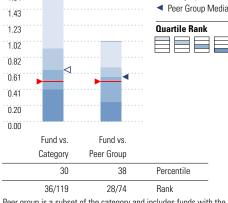
Updated

#### **ESG Metrics**

Metric Rating Sustainability Rating 3



#### **Trailing Performance Total Return %** 10% as of 12-31-2023 Fund Benchmark 5 Category Λ -5 Average annual, if greater than 1 year Since Inception ear Fund Return % 30 2.32 6.61 Benchmark Return % 13 Category Average % \_ % Rank in Category # of Funds in Category ar Risk Metrics Fund **Bmark** red



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

rd Deviation 616 6 4 1 Ratio ig Error ation Ratio oture Ratio Capture Ratio olio Metrics Fund Bmark Cat Aν

Avg Eff Duration	6.72	4.43	6.05
Avg Eff Maturity	8.40	-	7.81

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Cat

Morningstar Category

Global Bond-USD Hedged

Morningstar Index

Bloomberg US Agg Bond TR USD

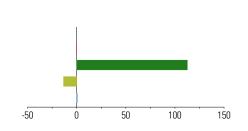
11-30-2023					
	3 Month	1 Year	3 year	5 year	10 ye
	6.75	6.98	-2.18	1.15	2.30
	6.82	5.53	-3.31	1.10	1.81
	6.27	7.81	-2.48	1.26	1.93
	34	68	44	49	40
	115	114	107	101	63
	Net Expense				3-Yea
	1.84 1.64 1.43		⊲ Categ	nvestment ory Median Group Median	Alpha Beta
	1.23 1.02 0.82		Quartile	Rank	R-Squar Standar Sharpe I
	0.61	1	(**** 		Tracking Informat
	0.41 0.20 0.00				Up Capt Down C
	Fund vs.				Portfo
	Category				
	00	00	D		

# AB Global Bond Z ANAZX

## Style Analysis as of 12-31-2023 Style Breakdown Fixed Income Quality High Mid Low Ltd Mod Ext

Duration

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	46.64	3.53	31.53
AA	18.52	74.59	14.96
А	18.91	10.82	27.45
BBB	22.54	8.32	17.92
BB	1.19	0.28	3.25
В	0.67	0.00	1.49
Below B	0.06	0.00	0.80
Not Rated	-8.53	2.46	2.59



#### Sector Weighting as of 12-31-2023

Asset Allocation as of 12-31-2023

	Fund	Bmark	Cat	Fund	,	Bench	mark	Categ	jory Ave	rage			
Government	34.96	-	41.03			-							
Treasury	20.27	-	29.65							0			
Inflation – Protected	2.45	-	1.25										
Agency/Quasi Agency	2.84	-	3.54										
Other Government Related	9.40	_	6.59										
Corporate	14.22	-	10.82			0							
Corporate Bond	13.88	-	10.68			]							
Bank Loan	0.01	-	0.11										
Convertible	0.00	-	0.01	0									
Preferred	0.33	-	0.02	D									
Securitized	12.31	-	5.35		0								
Agency MBS Pass-Through	5.93	-	3.17										
Agency MBS ARM	0.00	-	0.00										
Agency MBS CMO	1.18	-	0.29	(									
Non-Agency Residential MBS	0.08	-	0.14										
Commercial MBS	0.35	-	0.16	[									
Asset-Backed	2.68	-	1.23										
Covered Bond	2.09	-	0.36	(									
Municipal	0.26	-	0.06	[									
Cash & Equivalents	4.42	-	19.92					0					
Other	33.82	-	22.83						0				
				0%	5	10	15	20	25	30	35	40	4

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

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊖ EUR FWD VS USD 0% 14/12/2023 Purchased	12-2023	24.88	24.88	_
⊖ EUR FWD VS USD 0% 14/12/2023 Sold	12-2023	24.88	49.76	-
⊕ US 5 Year Note (CBT) Mar14	03-2024	11.18	60.94	-
群 Cash Offset	-	11.02	71.96	-
$\odot$ U.S. \$ CASH BALANCE 0%	-	7.86	79.82	_
⊖ CAD FWD VS USD 0% 14/12/2023 Sold	12-2023	7.52	87.34	-
⊖ CAD FWD VS USD 0% 14/12/2023 Purchased	12-2023	7.52	94.86	-
⊖ KRW FWD VS USD 0% 18/01/2024 Purchased	01-2024	6.58	101.44	_
⊖ KRW FWD VS USD 0% 18/01/2024 Sold	01-2024	6.58	108.03	-
Canada (Government of) 3.5%	03-2028	5.46	113.49	-

#### Total Holdings 1806

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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**Morningstar Category Morningstar Index** Global Bond-USD Hedged

Bloomberg US Agg Bond TR USD

Total	100.00	100.00
Other	0.72	0.08
Cash	-13.35	20.51
Bonds	112.58	79.40
Non-US Stocks	0.01	0.00
US Stocks	0.06	0.00
Asset Class	Net %	Cat%

## American Funds 2010 Trgt Date Retire R6 RFTTX

Portfolio Manager(s) Wesley Phoa since 01-2012 David Hoag since 01-2020 Michelle Black since 01-2020 Samir Mathur since 01-2020 Shannon Ward since 01-2021 Jessica Spaly since 01-2023 William Robbins since 01-2024 Raj Paramaguru since 01-2024

#### Quantitative Screens

Performance: The fund has finished in the Target-Date 2000-2010 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 12.01 years.

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

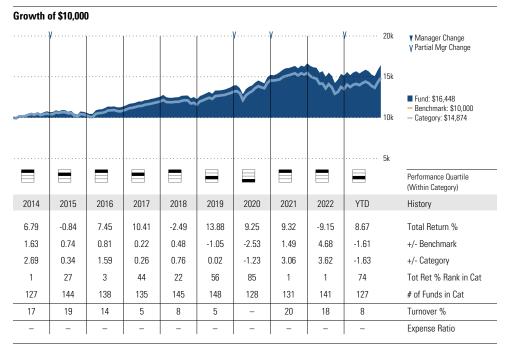
Net Expense: The fund's expense ratio of 0.29 is 42% lower than the Target-Date 2000-2010 category average.

#### 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.

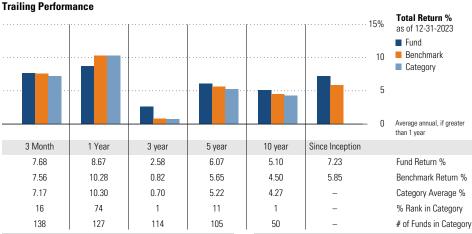
ESG	м	etrics

Metric	Rating	Updated
Sustainability Rating	2	11-30-2023

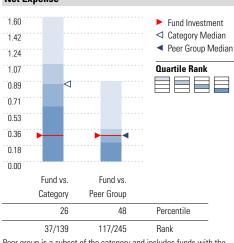


Morningstar Category

Target-Date 2000-2010



Net Expense



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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-	-	-
Beta	-	-	-
R-Squared	-	-	_
Standard Deviation	8.78	-	8.60
Sharpe Ratio	-	-	-
Tracking Error	-	-	-
Information Ratio	-	-	-
Up Capture Ratio	-	-	-
Down Capture Ratio	-	-	_

Portfolio Wetrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	16.99	18.64	17.57
Price/Book Ratio	2.77	2.56	2.60
Avg Eff Duration	4.97	-	5.42

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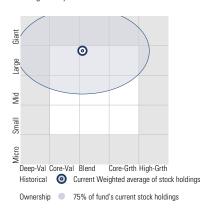


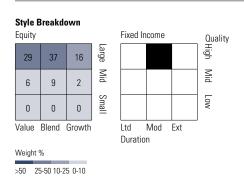
Morningstar Index Morningstar Lifetime Mod 2010 TR

USD

# American Funds 2010 Trgt Date Retire R6 RFTTX

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





#### 10 Holdin ( 40.04.000)

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⇒ American Funds Income Fund of Amer R6	_	16.64	16.64	_	_
ige = American Funds Interm Bd Fd of Amer R6	-	10.58	27.21	-	_
$oldsymbol{eta}$ American Funds Bond Fund of Amer R6	_	9.80	37.02	-	_
igodolog American Funds ST Bd Fd of Amer R6	_	7.30	44.32	-	_
$\ominus$ American Funds Inflation Linked Bd R6	-	7.26	51.58	-	-
∋ American Funds American Balanced R6	-	6.98	58.56	_	_
🕀 American Funds Mortgage R6	-	6.77	65.33	-	_
$\ominus$ American Funds Capital Income Bldr R6	-	6.70	72.03	-	_
$\ominus$ American Funds American Mutual R6	_	5.21	77.24	-	_
$\oplus$ American Funds Strategic Bond R-6	_	4.01	81.24	_	_

## Total Holdings 19

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



**Morningstar Category** Target-Date 2000-2010

100

Morningstar Index Morningstar Lifetime Mod 2010 TR USD

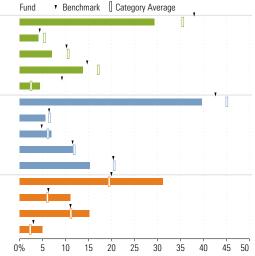
Total	100.00	100.00
Other	0.54	7.30
Cash	5.32	3.71
Bonds	55.71	39.44
Non-US Stocks	9.99	21.57
US Stocks	28.43	27.98
Asset Class	Net %	Cat%



50

Asset Allocation as of 12-31-2023

0



## American Funds 2015 Trgt Date Retire R6 RFJTX

Portfolio Manager(s) Wesley Phoa since 01-2012 David Hoag since 01-2020 Michelle Black since 01-2020 Samir Mathur since 01-2020 Shannon Ward since 01-2021 Jessica Spaly since 01-2023 Raj Paramaguru since 01-2024 William Robbins since 01-2024

#### Quantitative Screens

Performance: The fund has finished in the Target-Date 2015 category's top three quartiles in 8 of the 10 years it's been in existence.

Management: The fund's management has been in place for 12.01 years.

× *Style*: The fund has landed in its primary style box — Large Blend — 60 % of the time over the past three years.

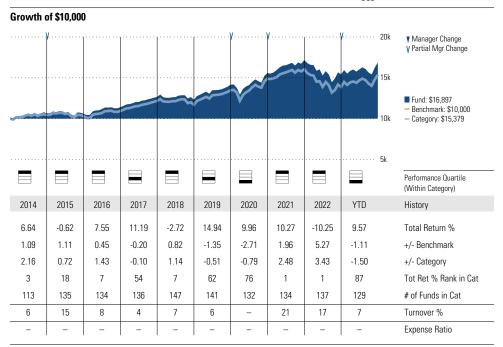
Net Expense: The fund's expense ratio of 0.3 is 44.44% lower than the Target-Date 2015 category average.

#### Morningstar Investment Management LLC Analysis

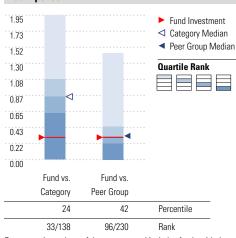
This fund fails our current style screen. Because this is a target-date fund, this screen failure does not concern us and we are still comfortable using this fund.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	11-30-2023







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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-	-	-
Beta	-	-	-
R-Squared	-	-	-
Standard Deviation	9.44	-	9.67
Sharpe Ratio	-	-	-
Tracking Error	-	-	-
Information Ratio	-	-	-
Up Capture Ratio	-	-	-
Down Capture Ratio	-	-	-

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.30	18.47	17.89
Price/Book Ratio	2.84	2.53	2.65
Avg Eff Duration	5.14	-	5.23

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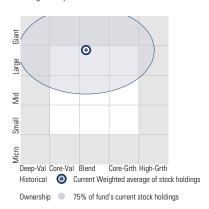


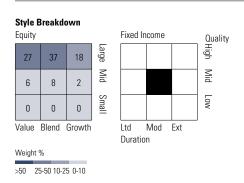
Morningstar Index Morningstar Lifetime Mod 2015 TR USD

Morningstar Category Target-Date 2015

# American Funds 2015 Trgt Date Retire R6 RFJTX

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





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

0	50	100

Fund

28.69

4.25

7.26

13.35

3.83

40.81

5.67

6.64

12.16

16.34

30.49

10.47

15.37

4.65

Bmark

37.90

4.29

10.07

14.64

8.90

42.29

6.18

4.66

11.45

20.00

19.79

6.08

10.87

2.84

Asset Allocation as of 12-31-2023

Sector Weighting as of 12-31-2023

**Basic Materials** 

Consumer Cyclical

**Financial Services** 

**Communication Services** 

Real Estate

Sensitive

Energy

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

Դ Cyclical

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Utilities

Total	100.00	100.00
Other	0.57	6.51
Cash	5.34	2.79
Bonds	53.78	44.31
Non-US Stocks	10.65	18.63
JS Stocks	29.65	27.74
Asset Class	Net %	Cat%

#### Benchmark Category Average Fund Cat 34.68 5.17 10.43 Π 16.27 2.81 45.00 6.51 6.06 11.64 20.79 20.33 6.23 11.70 2.40 0% 10 15 20 25 30 35 40 45 5

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\odot$ American Funds Income Fund of Amer R6	-	12.68	12.68	_	_
American Funds Bond Fund of Amer R6	-	8.73	21.42	-	_
$\oplus$ American Funds Interm Bd Fd of Amer R6	-	8.30	29.72	-	-
$\ominus$ American Funds Inflation Linked Bd R6	-	8.06	37.78	-	-
⊖ American Funds American Balanced R6	-	7.25	45.02	-	-
$\ominus$ American Funds Capital Income Bldr R6	_	5.98	51.00	-	-
American Funds Mortgage R6	-	5.97	56.97	-	-
$\ominus$ American Funds American Mutual R6	-	5.96	62.93	-	-
$\ominus$ American Funds Capital World Gr&Inc R6	-	4.95	67.87	-	-
⊖ American Funds Washington Mutual R6	-	4.24	72.11	-	-

#### Total Holdings 22

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



**Morningstar Category** Target-Date 2015

Morningstar Index Morningstar Lifetime Mod 2015 TR USD

## American Funds 2020 Trgt Date Retire R6 RRCTX

Portfolio Manager(s) Wesley Phoa since 01-2012 Samir Mathur since 01-2020 Michelle Black since 01-2020 David Hoag since 01-2020 Shannon Ward since 01-2021 Jessica Spaly since 01-2023 William Robbins since 01-2024 Raj Paramaguru since 01-2024

#### Quantitative Screens

Performance: The fund has finished in the Target-Date 2020 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 12.01 years.

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

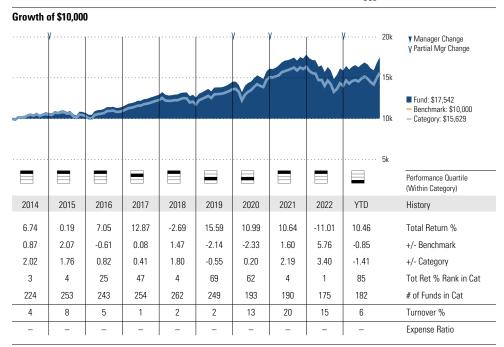
Net Expense: The fund's expense ratio of 0.31 is
 45.61% lower than the Target-Date 2020 category average.

#### Morningstar Investment Management LLC Analysis

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

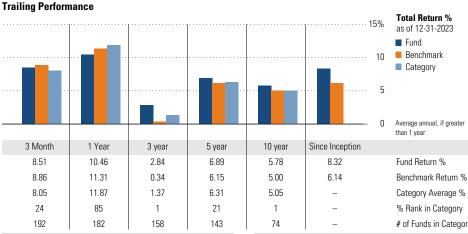
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	11-30-2023

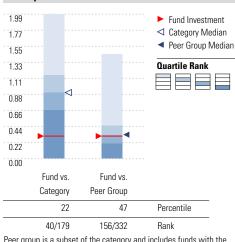


Morningstar Category

Target-Date 2020



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 Beta **R-Squared** Standard Deviation 9.96 10.30 Sharpe Ratio Tracking Error Information Ratio Up Capture Ratio Down Capture Ratio

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.67	18.56	18.37
Price/Book Ratio	2.93	2.53	2.64
Avg Eff Duration	5.48	-	5.31

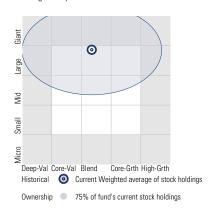
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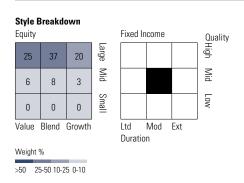


Morningstar Index Morningstar Lifetime Mod 2020 TR USD

# American Funds 2020 Trgt Date Retire R6 RRCTX

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



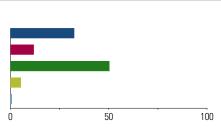


## Ton 10 Holdings as of 12-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ American Funds Income Fund of Amer R6	_	10.88	10.88	_	_
$\oplus$ American Funds Bond Fund of Amer R6	-	8.05	18.94	_	_
$\ominus$ American Funds Inflation Linked Bd R6	-	8.03	26.97	_	-
$\ominus$ American Funds American Balanced R6	-	7.99	34.96	_	-
$\ominus$ American Funds Interm Bd Fd of Amer R6	-	6.05	41.01	-	-
🕀 American Funds Mortgage R6	_	6.04	47.05	-	-
$\ominus$ American Funds American Mutual R6	-	5.95	53.00	_	-
$\ominus$ American Funds Capital Income Bldr R6	-	5.79	58.80	_	-
∋ American Funds Capital World Gr&Inc R6	-	5.21	64.00	_	-
$\oplus$ American Funds US Government Sec R6	_	5.04	69.04	_	_

## Total Holdings 22

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



Fund

28.36

4.19

7.64

13.10

3.43

41.68

5.85

6.28

12.28

17.27

29.96

10.15

15.51

4.30

Bmark

38.07

4.34

10.53

14.58

8.62

42.32

6.10

4.39

11.39

20.44

19.60

6.08

10.80

2.72

Asset Allocation as of 12-31-2023

Sector Weighting as of 12-31-2023

Basic Materials

Consumer Cyclical

**Financial Services** 

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

Consumer Defensive

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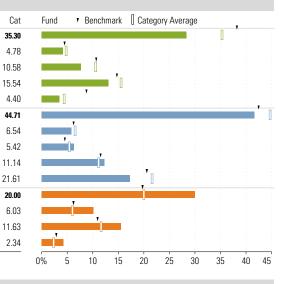
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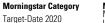
Energy

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Utilities

0.58	7.32
5.15	2.98
50.21	44.83
11.73	16.63
32.31	28.24
Net %	Cat%
	32.31 11.73 50.21 5.15





Morningstar Index Morningstar Lifetime Mod 2020 TR USD

## American Funds 2025 Trgt Date Retire R6 RFDTX

Portfolio Manager(s) Wesley Phoa since 01-2012 Michelle Black since 01-2020 David Hoag since 01-2020 Samir Mathur since 01-2020 Shannon Ward since 01-2021 Jessica Spaly since 01-2023 Raj Paramaguru since 01-2024 William Robbins since 01-2024

#### Quantitative Screens

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

Management: The fund's management has been in place for 12.01 years.

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

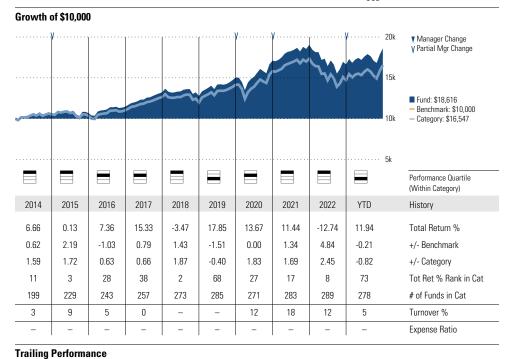
Net Expense: The fund's expense ratio of 0.32 is 46.67% lower than the Target-Date 2025 category average.

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	06-30-2022



Morningstar Category

Target-Date 2025



#### 1.90 Fund Investment Category Median 1.69 Peer Group Median 1.48 1.27 Quartile Rank 1.06 0.84 0.63 0.42 0.2 Fund vs Fund vs Peer Group Category 23 52 Percentile 60/261 261/503 Rank

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

**3-Year Risk Metrics** Fund **Bmark** Cat Alpha Beta **R-Squared** Standard Deviation 10 75 11 01 Sharpe Ratio Tracking Error Information Ratio Up Capture Ratio Down Capture Ratio

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	18.27	18.36	18.52
Price/Book Ratio	3.04	2.50	2.64
Avg Eff Duration	5.54	-	6.11

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Morningstar Index Morningstar Lifetime Mod 2025 TR USD

**Total Return %** 

as of 12-31-2023

Average annual, if greater than 1 year

Benchmark Return %

Category Average %

% Rank in Category

# of Funds in Category

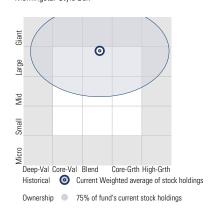
Fund Return %

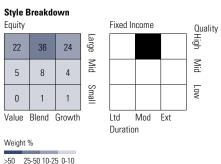
Fund Benchmark

Category

## American Funds 2025 Trgt Date Retire R6 RFDTX

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





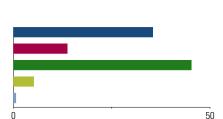
#### Top 10 Holdings as of 12-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ American Funds American Balanced R6	_	8.16	8.16	_	_
$\oplus$ American Funds Bond Fund of Amer R6	-	7.59	15.76	_	-
$\oplus$ American Funds Inflation Linked Bd R6	-	7.37	23.13	-	-
∋ American Funds Capital World Gr&Inc R6	-	6.39	29.52	_	-
$\oplus$ American Funds Income Fund of Amer R6	-	6.35	35.87	-	-
€ American Funds American Mutual R6	-	6.32	42.19	_	_
$\oplus$ American Funds Interm Bd Fd of Amer R6	-	5.63	47.82	_	-
$\oplus$ American Funds Mortgage R6	-	5.56	53.38	_	-
$\ominus$ American Funds Washington Mutual R6	-	5.15	58.52	_	-
$\oplus$ American Funds US Government Sec R6	_	4.81	63.34	_	_

#### Total Holdings 25

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

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Fund

28.13

4.22

8.69

12.55

2.67

43.23

6.22

5.67

12.71

18.63

28.60

9.24

15.73

3.63

Bmark

38.06

4.43

10.60

14.76

8.27

42.29

6.07

4.41

11.52

20.29

19.65

6.11

10.80

2.74

Asset Allocation as of 12-31-2023

Sector Weighting as of 12-31-2023

**Basic Materials** 

Consumer Cyclical

**Financial Services** 

**Communication Services** 

Real Estate

Sensitive

Energy

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

Դ Cyclical

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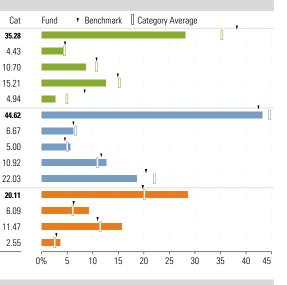
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Utilities

13.66 45.23 5.11 0.58	15.85 40.63 2.52 11.35
45.23	40.63
13.66	15.85
35.42	29.65
Net %	Cat%



Morningstar Index Morningstar Lifetime Mod 2025 TR USD

## American Funds 2030 Trgt Date Retire R6 RFETX

Portfolio Manager(s) Wesley Phoa since 01-2012 David Hoag since 01-2020 Samir Mathur since 01-2020 Michelle Black since 01-2020 Shannon Ward since 01-2021 Jessica Spaly since 01-2023 William Robbins since 01-2024 Raj Paramaguru since 01-2024

#### 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 12.01 years.

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

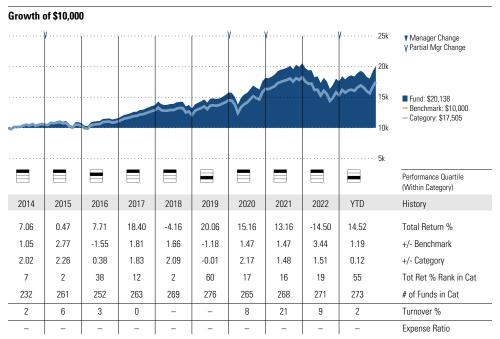
Net Expense: The fund's expense ratio of 0.33 is 47.62% lower than the Target-Date 2030 category average.

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

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

#### **ESG Metrics**

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

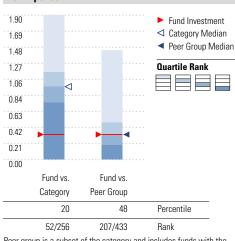


Morningstar Category

Target-Date 2030



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.

			0 /
3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-	-	-
Beta	-	-	-
R-Squared	-	-	-
Standard Deviation	12.02	-	12.29
Sharpe Ratio	-	-	-
Tracking Error	-	-	-
Information Ratio	-	-	-
Up Capture Ratio	-	-	-
Down Capture Ratio	-	-	-

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	18.91	18.17	18.42
Price/Book Ratio	3.17	2.46	2.69
Avg Eff Duration	5.69	-	6.67

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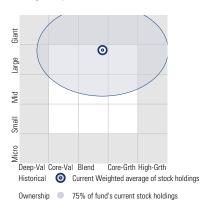
Morningstar Index Morningstar Lifetime Mod 2030 TR USD

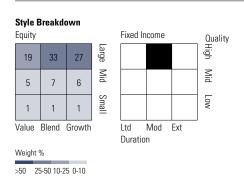
## **Trailing Performance**

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# American Funds 2030 Trgt Date Retire R6 RFETX

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





# 50 0

Fund

28.19

4.14

10.04

11.88

2.13

44.72

6.74

5.14

13.05

19.79

27.09

8.34

15.72

3.03

Bmark

38.00

4.55

10.68

14.94

7.83

42.32

6.05

4.46

11.65

20.16

19.69

6.14

10.80

2.75

Cat

4.38

10.99

15.62

45.27

6.62

22.18

20.48

6.24

2.54

Asset Allocation as of 12-31-2023

Sector Weighting as of 12-31-2023

Basic Materials

**Consumer Cyclical** 

**Financial Services** 

**Communication Services** 

Real Estate

Sensitive

Energy

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

Դ Cyclical

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Utilities

#### Asset Class Net % Cat% US Stocks 41.94 35.23 Non-US Stocks 19.60 16.24 Bonds 36.16 32.00 Cash 5.08 1.47 0.59 Other 11.70 Total 100.00 100.00

**Morningstar Category** 

Target-Date 2030

Morningstar Index Morningstar Lifetime Mod 2030 TR USD

#### Benchmark Category Average Fund 34.25 3.26 5.01 11.46 11.70 0% 5 10 15 20 25 30 35 40 45 50

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

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ American Funds American Balanced R6	_	7.79	7.79	_	_
i American Funds Capital World Gr&Inc R6	-	6.95	14.74	_	-
	-	6.65	21.38	_	-
∋ American Funds AMCAP R6	-	6.10	27.48	_	-
onumber  onumber American Funds Inflation Linked Bd R6	-	5.74	33.22	-	-
onumber  onumber American Funds Bond Fund of Amer R6	-	5.23	38.45	_	-
Đ American Funds US Government Sec R6	-	4.98	43.43	-	-
🕀 American Funds Mortgage R6	-	4.96	48.38	_	-
igodolog American Funds Washington Mutual R6	-	4.92	53.30	-	-
m lacksquare American Funds Global Balanced R6	_	4.79	58.09	_	_

#### Total Holdings 24

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



#### American Funds 2035 Trgt Date Retire R6 RFFTX

Portfolio Manager(s) Wesley Phoa since 01-2012 Samir Mathur since 01-2020 David Hoag since 01-2020 Michelle Black since 01-2020 Shannon Ward since 01-2021 Jessica Spaly since 01-2023 Raj Paramaguru since 01-2024 William Robbins since 01-2024

#### Quantitative Screens

*Performance:* The fund has finished in the Target-Date 2035 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 12.01 years.

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

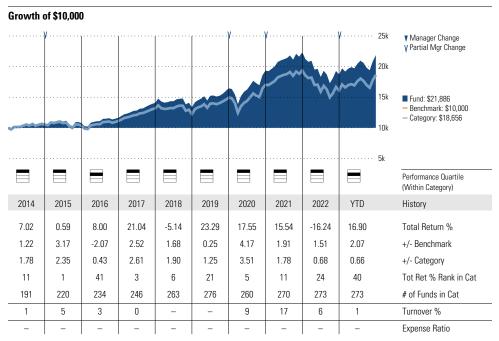
Net Expense: The fund's expense ratio of 0.35 is 43.55% lower than the Target-Date 2035 category average.

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

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

#### **ESG Metrics**

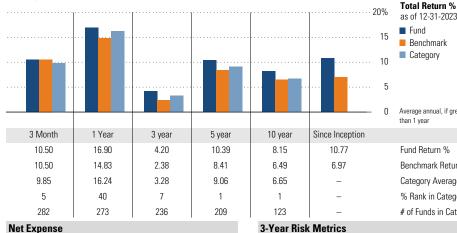
Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022

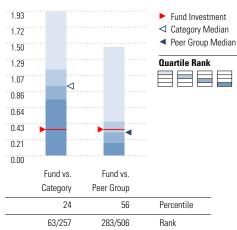


Morningstar Category

Target-Date 2035







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

Average annual, if greater than 1 year Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category **3-Year Risk Metrics** Fund **Bmark** Cat Alpha Beta **R-Squared** 13.47 Standard Deviation 13 61 Sharpe Ratio Tracking Error Information Ratio Up Capture Ratio Down Capture Ratio **Portfolio Metrics** 

	Fund	Bmark	Cat
Price/Earnings Ratio	19.20	17.97	18.43
Price/Book Ratio	3.22	2.43	2.66
Avg Eff Duration	5.73	-	7.08

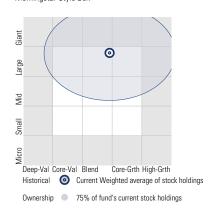
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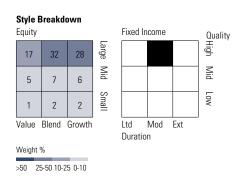


Morningstar Index Morningstar Lifetime Mod 2035 TR USD

## American Funds 2035 Trgt Date Retire R6 RFFTX

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





## Asset Allocation as of 12-31-2023

Sector Weighting as of 12-31-2023

**Basic Materials** 

Consumer Cyclical

**Financial Services** 

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

Consumer Defensive

Դ Cyclical

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Energy

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Utilities



Fund

28.28

4.14

10.53

11.67

1.94

45.26

6.86

4.95

13.07

20.38

26.45

7.94

15.74

2.77

Bmark

37.90

4.64

10.77

15.12

7.37

42.37

6.03

4.51

11.80

20.03

19.73

6.16

10.80

2.77

Cat

4.43

10.90

15.34

45.14

6.73

4.98

11.17

22.26

20.43

2.54

Asset Class	Net %	Cat%
US Stocks	49.09	41.55
Non-US Stocks	19.49	22.01
Bonds	25.57	22.82
Cash	5.24	1.82
Other	0.62	11.80
Total	100.00	100.00

**Morningstar Category** 

Target-Date 2035

Morningstar Index Morningstar Lifetime Mod 2035 TR USD

#### Benchmark [] Category Average Fund 34.43 3.76 6.20 11.69 0% 5 10 15 20 25 30 35 40 45 50

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

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$oldsymbol{eta}$ American Funds American Balanced R6	_	7.82	7.82	_	_
🕀 American Funds Capital World Gr&Inc R6	-	6.82	14.64	-	-
m lacksquare American Mutual R6	-	6.82	21.47	_	-
ige  ightarrow American Funds Growth Fund of Amer R6	-	6.52	27.99	_	-
igodolog American Funds Fundamental Invs R6	-	6.31	34.30	-	-
∋ American Funds AMCAP R6	-	6.22	40.52	-	-
ige  ightarrow American Funds Washington Mutual R6	-	5.26	45.78	_	-
$oldsymbol{eta}$ American Funds US Government Sec R6	-	5.02	50.80	-	-
Đ American Funds Global Balanced R6	-	4.82	55.62	-	-
$oldsymbol{f D}$ American Funds Inflation Linked Bd R6	_	4.52	60.14	_	-

#### Total Holdings 25

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

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## American Funds 2040 Trgt Date Retire R6 RFGTX

Portfolio Manager(s) Wesley Phoa since 01-2012 Samir Mathur since 01-2020 David Hoag since 01-2020 Michelle Black since 01-2020 Shannon Ward since 01-2021 Jessica Spaly since 01-2023 Raj Paramaguru since 01-2024 William Robbins since 01-2024

#### Quantitative Screens

Performance: The fund has finished in the Target-Date 2040 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 12.01 years.

Style: The fund has landed in its primary style box — Large Blend — 90 % of the time over the past three years.

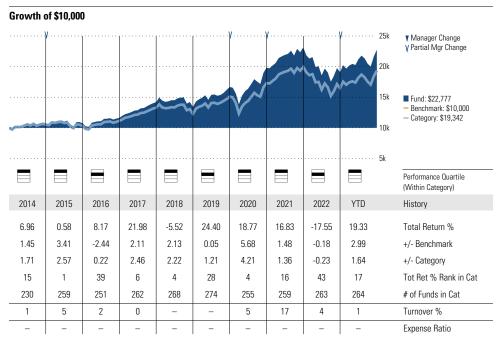
Net Expense: The fund's expense ratio of 0.37 is
 43.08% lower than the Target-Date 2040 category average.

#### 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**

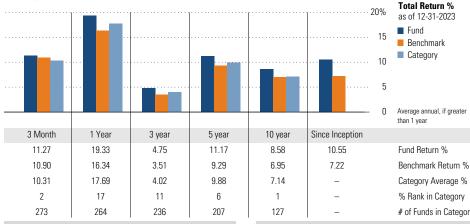
Metric	Rating	Updated
Sustainability Rating	2	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022



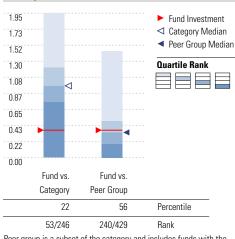
Morningstar Category

Target-Date 2040





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.

Category Average % % Rank in Category # of Funds in Category **3-Year Risk Metrics** Fund **Bmark** Cat Alpha Beta **R-Squared** Standard Deviation 14 71 14 71 Sharpe Ratio Tracking Error Information Ratio Up Capture Ratio Down Capture Ratio

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.48	17.78	18.34
Price/Book Ratio	3.27	2.39	2.66
Avg Eff Duration	5.90	-	7.59

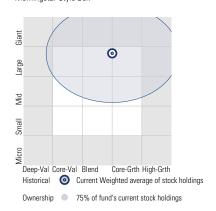
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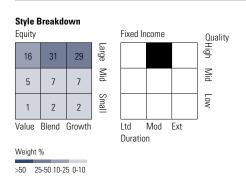


Morningstar Index Morningstar Lifetime Mod 2040 TR USD

## American Funds 2040 Trgt Date Retire R6 RFGTX

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





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

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
① American Funds American Balanced R6	_	8.01	8.01	-	_
⊖ American Funds Fundamental Invs R6	-	7.25	15.26	_	-
$\oplus$ American Funds Capital World Gr&Inc R6	-	7.20	22.46	_	-
igodoldoldoldoldoldoldoldoldoldoldoldoldol	-	7.10	29.56	_	-
$\oplus$ American Funds American Mutual R6	-	6.98	36.54	-	-
American Funds AMCAP R6	-	6.95	43.48	-	-
$\oplus$ American Funds New Perspective R6	-	6.94	50.42	_	_
igodot American Funds Washington Mutual R6	-	6.22	56.64	_	_
$\oplus$ American Funds SMALLCAP World R6	-	6.21	62.85	_	_
$\oplus$ American Funds US Government Sec R6	_	5.08	67.94	_	_

#### Total Holdings 22

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

50 100 Ο

Asset Allocation as of 12-31-2023

5.39 0.65	1.65 10.26
13.94	13.43
12 0/	13.45
23.71	26.58
56.31	48.07
Net %	Cat%
	56.31

Morningstar Category

Target-Date 2040

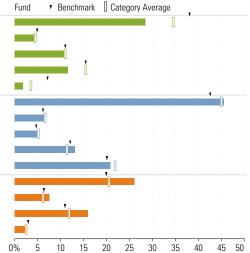
Cat

Morningstar Index Morningstar Lifetime Mod 2040 TR USD

#### Fund Bmark 20 /1

Sector Weighting as of 12-31-2023

Դ	Cyclical	28.41	37.87	34.47	
<b>.</b>	Basic Materials	4.18	4.74	4.49	
	Consumer Cyclical	10.86	10.84	10.98	
ц.	Financial Services	11.58	15.29	15.47	
ŵ	Real Estate	1.79	7.00	3.53	
₩ <b>r</b>	Sensitive	45.54	42.36	44.99	
	Communication Services	6.80	6.01	6.61	
0	Energy	4.80	4.54	5.17	
Ф	Industrials	13.08	11.92	11.38	
	Technology	20.86	19.89	21.83	
-	Defensive	26.04	19.76	20.53	
F	Consumer Defensive	7.57	6.19	6.18	
٠	Healthcare	15.93	10.79	11.86	
<b>)</b>	Utilities	2.54	2.78	2.49	



## American Funds 2045 Trgt Date Retire R6 RFHTX

Portfolio Manager(s) Wesley Phoa since 01-2012 Michelle Black since 01-2020 David Hoag since 01-2020 Samir Mathur since 01-2020 Shannon Ward since 01-2021 Jessica Spaly since 01-2023 William Robbins since 01-2024 Raj Paramaguru since 01-2024

#### Quantitative Screens

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

Management: The fund's management has been in place for 12.01 years.

Style: The fund has landed in its primary style box — Large Blend — 80 % of the time over the past three years.

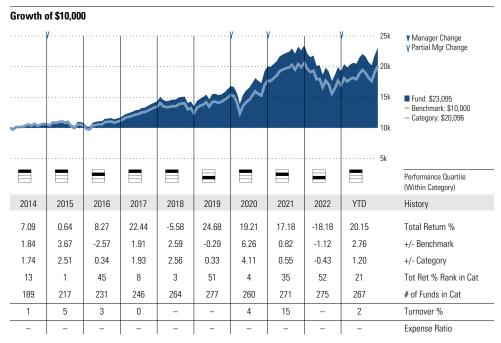
Net Expense: The fund's expense ratio of 0.37 is
 42.19% lower than the Target-Date 2045 category average.

#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

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



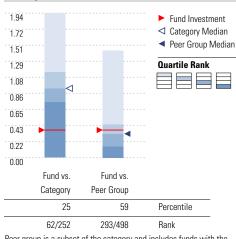
Morningstar Category

Target-Date 2045





**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.

123   -	# OFF UTUS IT Category				
3-Year Risk Metrics					
	Fund	Bmark	Cat		
Alpha	-	-	-		
Beta	-	-	-		
R-Squared	-	-	-		
Standard Deviation	15.14	-	15.47		
Sharpe Ratio	-	-	-		
Tracking Error	-	-	-		
Information Ratio	-	-	-		
Up Capture Ratio	-	-	-		
Down Capture Ratio	-	-	-		
Portfolio Motrios					

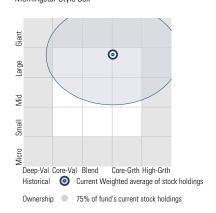
Portiolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.64	17.62	18.37
Price/Book Ratio	3.31	2.36	2.63
Avg Eff Duration	6.35	-	8.66

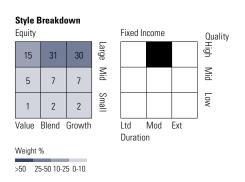
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## American Funds 2045 Trgt Date Retire R6 RFHTX

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





# 

5.18 27 ).13 8 5.33 1	7.47 3.96 1.47 ).76
5.18 27 ).13 8	7.47 3.96
5.18 27	7.47
5.70 51	1.00
3.70 51	.35
et % C	Cat%

Morningstar Category

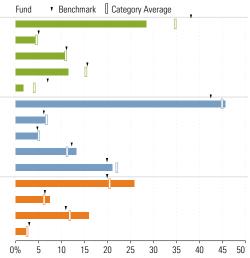
Target-Date 2045

Morningstar Index Morningstar Lifetime Mod 2045 TR USD

# Sector Weighting as of 12-31-2023

Asset Allocation as of 12-31-2023

		Fund	Bmark	Cat
Դ	Cyclical	28.48	37.97	34.69
æ.	Basic Materials	4.26	4.84	4.50
A	Consumer Cyclical	11.01	10.89	10.89
цф.	Financial Services	11.49	15.43	15.27
ŵ	Real Estate	1.72	6.81	4.03
w	Sensitive	45.67	42.27	44.89
	Communication Services	6.73	5.97	6.68
0	Energy	4.76	4.56	5.03
¢	Industrials	13.19	12.03	11.18
	Technology	20.99	19.71	22.00
-	Defensive	25.86	19.74	20.42
E	Consumer Defensive	7.43	6.20	6.18
٠	Healthcare	15.97	10.75	11.77
2	Utilities	2.46	2.79	2.47



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

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ American Funds Capital World Gr&Inc R6	_	7.94	7.94	_	_
$oldsymbol{eta}$ American Funds Fundamental Invs R6	-	7.94	15.88	_	-
🕀 American Funds American Balanced R6	-	7.77	23.65	_	-
American Funds New Perspective R6	-	7.48	31.13	_	-
$\oplus$ American Funds SMALLCAP World R6	-	7.26	38.39	-	-
$oldsymbol{ m  ilde{D}}$ American Funds Washington Mutual R6	-	7.23	45.62	-	-
igodolog American Funds Growth Fund of Amer R6	-	7.08	52.71	_	_
American Funds AMCAP R6	-	7.00	59.71	_	_
$oldsymbol{eta}$ American Funds American Mutual R6	-	6.99	66.70	_	_
$\oplus$ American Funds US Government Sec R6	_	5.08	71.78	_	_

#### Total Holdings 19

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

## American Funds 2050 Trgt Date Retire R6 RFITX

Morningstar Category Target-Date 2050

Portfolio Manager(s) Wesley Phoa since 01-2012 David Hoag since 01-2020 Samir Mathur since 01-2020 Michelle Black since 01-2020 Shannon Ward since 01-2021 Jessica Spaly since 01-2023 William Robbins since 01-2024 Raj Paramaguru since 01-2024

#### Quantitative Screens

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

Management: The fund's management has been in place for 12.01 years.

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

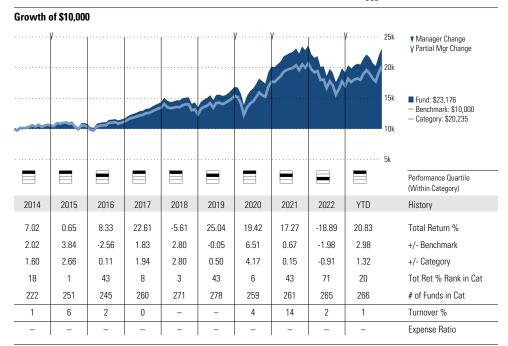
Net Expense: The fund's expense ratio of 0.38 is 41.54% lower than the Target-Date 2050 category average.

#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

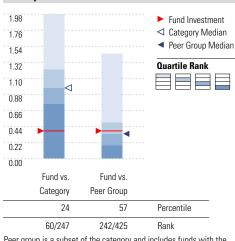
Metric	Rating	Updated
Sustainability Rating	2	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022



#### **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.

1	_	70 Halik III Galeyuly				
129	-	# of Funds in Category				
3-Year Risk	Metrics					
		Fund	Bmark	Cat		
Alpha		-	-	-		
Beta		-	-	-		
R-Squared		-	-	-		
Standard Devia	tion	15.42	-	15.84		
Sharpe Ratio		-	-	-		
Tracking Error		-	-	-		
Information Rat	tio	-	-	-		
Up Capture Rat	io	-	-	-		
Down Capture	Ratio	-	-	-		

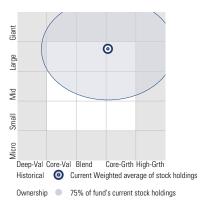
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.81	17.48	18.37
Price/Book Ratio	3.34	2.33	2.63
Avg Eff Duration	6.43	-	9.43

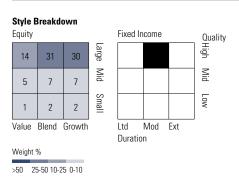
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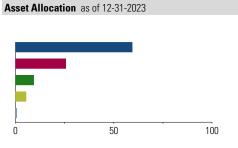


# American Funds 2050 Trgt Date Retire R6 RFITX

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







Fund

28.43

4.30

11.26

11.34

1.53

46.09

6.78

4.62

13.32

21.37

25.47

7.17

16.01

2.29

Bmark

38.17

4.92

10.92

15.54

6.79

42.12

5.93

4.58

12.11

19.50

19.70

6.20

2.79

10.71

Sector Weighting as of 12-31-2023

Basic Materials

**Consumer Cyclical** 

**Financial Services** 

**Communication Services** 

Real Estate

Sensitive

Energy

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

**b** Cyclical

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3

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¢

Utilities

#### Asset Class Net % Cat% US Stocks 59.34 53.58 Non-US Stocks 25.53 28.57 Bonds 9.22 6.68 Cash 5.31 1.42 Other 0.59 9.74 Total 100.00 100.00

**Morningstar Category** 

Target-Date 2050

Morningstar Index Morningstar Lifetime Mod 2050 TR USD

#### Benchmark Category Average Cat Fund 34.87 4.50 10.89 15.32 4.16 44.82 6.63 5.02 11.26 21.91 20.30 6.15 11.73 2.42 0% 5 10 15 20 25 30 35 40 45 50

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

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ American Funds New Perspective R6		8.99	8.99		
-	_			-	-
$oldsymbol{\oplus}$ American Funds SMALLCAP World R6	-	8.27	17.26	-	-
$\oplus$ American Funds Fundamental Invs R6	-	8.22	25.47	-	-
$\oplus$ American Funds Capital World Gr&Inc R6	-	8.22	33.69	-	-
$\oplus$ American Funds Washington Mutual R6	-	8.00	41.69	-	_
$\ominus$ American Funds Growth Fund of Amer R6	_	7.03	48.71	-	-
American Funds AMCAP R6	-	7.01	55.72	-	-
$oldsymbol{eta}$ American Funds American Balanced R6	-	6.76	62.49	-	-
$oldsymbol{eta}$ American Funds American Mutual R6	-	6.76	69.24	-	-
$\oplus$ American Funds Global Balanced R6	_	5.27	74.51	_	_

#### Total Holdings 19

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



Portfolio Manager(s) Wesley Phoa since 01-2012

Michelle Black since 01-2020

David Hoag since 01-2020

Samir Mathur since 01-2020 Shannon Ward since 01-2021

Jessica Spaly since 01-2023

Raj Paramaguru since 01-2024

William Robbins since 01-2024

Quantitative Screens

been in existence.

place for 12.01 years.

years.

## American Funds 2055 Trgt Date Retire R6 RFKTX

Category

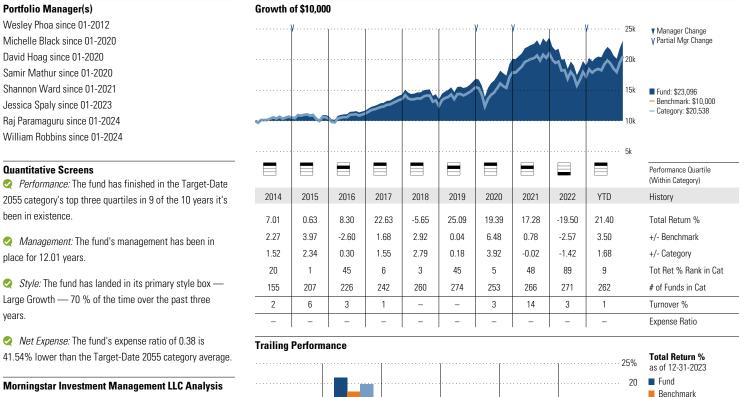
Average annual, if greater than 1 year

Benchmark Return %

Category Average %

% Rank in Category

Fund Return %





Management: The fund's management has been in

Style: The fund has landed in its primary style box —

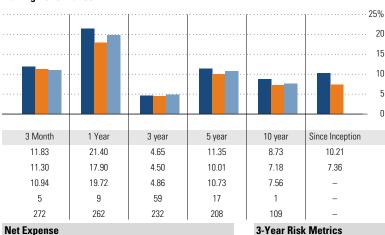
Large Growth - 70 % of the time over the past three

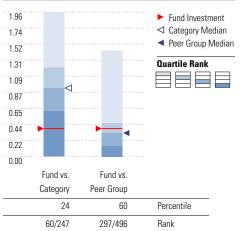
Net Expense: The fund's expense ratio of 0.38 is

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

#### **ESG Metrics**

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





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			
Fund	Bmark	Cat	
-	-	-	
-	-	-	
-	_	-	
15.65	-	16.01	
-	-	-	
-	-	-	
-	-	-	
-	-	-	
-	-	-	
	Fund  	Fund Bmark  	

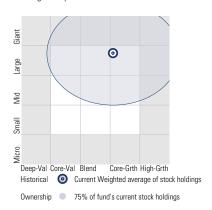
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.96	17.36	18.23
Price/Book Ratio	3.36	2.30	2.63
Avg Eff Duration	6.50	-	10.33

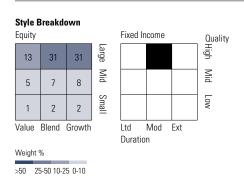
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# American Funds 2055 Trgt Date Retire R6 RFKTX

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





# 

Total	100.00	100.00
Other	0.55	11.08
Cash	5.23	1.85
Bonds	8.62	6.36
Non-US Stocks	26.07	28.51
US Stocks	59.52	52.19
Asset Class	Net %	Cat%

Morningstar Category

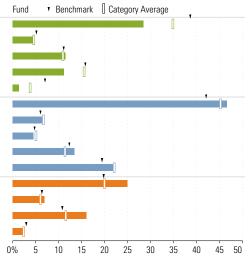
Target-Date 2055

Morningstar Index Morningstar Lifetime Mod 2055 TR USD

## Sector Weighting as of 12-31-2023

Asset Allocation as of 12-31-2023

		Fund	Bmark	Cat	
Դ	Cyclical	28.44	38.46	34.85	
æ.	Basic Materials	4.39	5.00	4.59	
	Consumer Cyclical	11.52	10.94	10.94	
ц.	Financial Services	11.19	15.64	15.53	
ŵ	Real Estate	1.34	6.88	3.79	
w	Sensitive	46.57	41.92	45.21	
	Communication Services	6.86	5.88	6.69	
0	Energy	4.50	4.60	5.06	
¢	Industrials	13.41	12.16	11.38	
	Technology	21.80	19.28	22.08	
	Defensive	24.98	19.63	19.97	
F	Consumer Defensive	6.89	6.20	6.04	
٠	Healthcare	16.00	10.64	11.55	
9	Utilities	2.09	2.79	2.38	



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

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ American Funds SMALLCAP World R6	_	9.28	9.28	_	_
$\oplus$ American Funds New Perspective R6	-	9.23	18.51	-	_
$\oplus$ American Funds Fundamental Invs R6	-	8.98	27.49	-	_
$\oplus$ American Funds Capital World Gr&Inc R6	-	8.98	36.47	-	_
$\oplus$ American Funds Washington Mutual R6	-	7.99	44.46	-	-
$\oplus$ American Funds Growth Fund of Amer R6	-	7.03	51.49	-	-
$\oplus$ American Funds AMCAP R6	-	7.01	58.50	-	_
$\oplus$ American Funds Invmt Co of Amer R6	-	6.23	64.73	-	_
$\oplus$ American Funds Global Balanced R6	-	6.01	70.74	-	_
$\oplus$ American Funds American Balanced R6	_	6.00	76.74	_	_

#### Total Holdings 17

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



## American Funds 2060 Trgt Date Retire R6 RFUTX

Portfolio Manager(s) Wesley Phoa since 03-2015 Samir Mathur since 01-2020 David Hoag since 01-2020 Michelle Black since 01-2020 Shannon Ward since 01-2021 Jessica Spaly since 01-2023 William Robbins since 01-2024 Raj Paramaguru since 01-2024

#### Quantitative Screens

Performance: The fund has finished in the Target-Date 2060 category's top three quartiles in 7 of the 8 years it's been in existence.

Management: The fund's management has been in place for 8.77 years.

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

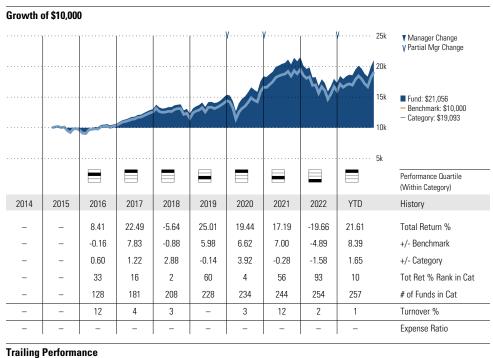
Net Expense: The fund's expense ratio of 0.39 is 40.91% lower than the Target-Date 2060 category average.

#### 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**

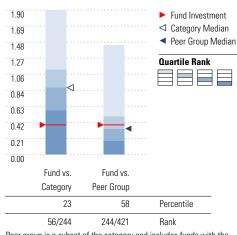
Metric	Rating	Updated
Sustainability Rating	2	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022



Target-Date 2060



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.

Category Average % % Rank in Category # of Funds in Category **3-Year Risk Metrics** Fund **Bmark** Cat Alpha Beta R-Squared Standard Deviation 15.68 16.08 Sharpe Ratio Tracking Error Information Ratio Up Capture Ratio Down Capture Ratio **Portfolio Metrics** 

	Fund	Bmark	Cat
Price/Earnings Ratio	19.97	17.11	18.07
Price/Book Ratio	3.35	2.23	2.55
Avg Eff Duration	6.50	-	9.40

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Morningstar Category Morningstar Index

Morningstar Mod Tgt Risk TR USD

**Total Return %** 

as of 12-31-2023 Fund

Benchmark

Average annual, if greater than 1 year

Benchmark Return %

Fund Return %

Category

25%

20

15

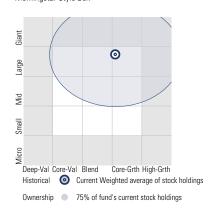
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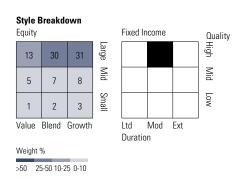
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## American Funds 2060 Trgt Date Retire R6 RFUTX

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





Asset Allocation as of 12-31-2023

Sector Weighting as of 12-31-2023

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

0

€ Cyclical

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3

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Energy

¢

Utilities

			000
1			Non-l
			Bonds
			Cash
			Other
50		100	Total

Fund

28.52

4.41

11.66

11 11

1.34

46.71

6.92

4.48

13.44

21.87

24.78

6.80

15.93

2.05

Bmark

39.51

5.17

11.03

16 29

7.02

38.94

5.65

4.93

12.35

16.01

21.56

6.82

11.59

3.15

Cat

35.37

4.97

10.81

15.36

4.23

44.35

6.53

5.24

11.69

20.89

20.29

6.17

11.81

2.31

#### Asset Class Net % Cat% US Stocks 59.59 45.91 -US Stocks 26.05 31.01 łs 8.61 6.47 5.19 1.69 0.56 14.93 100.00 100.00

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

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

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ American Funds SMALLCAP World R6	_	10.03	10.03	_	_
American Funds New Perspective R6	-	9.99	20.01	-	_
m lace American Funds Fundamental Invs R6	-	9.00	29.01	-	-
m lacksquare American Funds Capital World Gr&Inc R6	-	9.00	38.01	-	-
onumber  onumber American Funds Washington Mutual R6	-	8.00	46.00	-	-
m lacksquare American Funds Growth Fund of Amer R6	-	7.02	53.02	_	_
$oldsymbol{eta}$ American Funds Invmt Co of Amer R6	-	7.00	60.02	-	-
American Funds AMCAP R6	-	7.00	67.01	-	-
🕀 American Funds Global Balanced R6	-	5.99	73.00	-	-
m lacksquare American Balanced R6	_	5.99	79.00	_	-

#### Total Holdings 16

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



Morningstar Category Mor Target-Date 2060 Mor

Morningstar Index Morningstar Mod Tgt Risk TR USD

## American Funds 2065 Trgt Date Retire R6 REVTX

**Morningstar Category** 

Target-Date 2065+

Morningstar Index Morningstar Mod Tgt Risk TR USD

**Total Return %** 

as of 12-31-2023

Benchmark

Category

Fund

25%

20

15



#### Quantitative Screens

*Performance:* The fund has finished in the Target-Date 2065+ category's top three quartiles in 2 of the 3 years it's been in existence.

Management: The fund's management has been in place for 4 years.

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

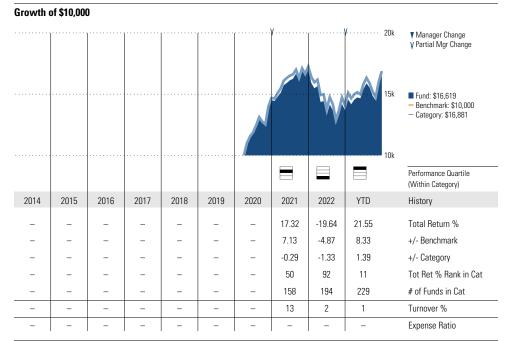
Net Expense: The fund's expense ratio of 0.39 is 36.07% lower than the Target-Date 2065+ category average.

#### **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	2	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022



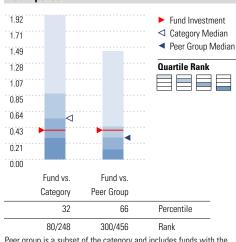
Alpha

Beta

#### **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.

10 5 0 Average annual, if greater than 1 year Since Inception Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category **3-Year Risk Metrics** Fund **Bmark** Cat R-Squared Standard Deviation 15 69 16 23 Sharpe Ratio Tracking Error Information Ratio Up Capture Ratio Down Capture Ratio Deutfelie Matuice

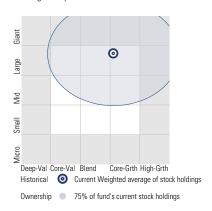
Portiono metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.97	17.11	17.78
Price/Book Ratio	3.35	2.23	2.50
Avg Eff Duration	6.49	-	9.29

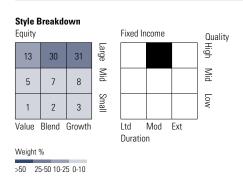
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# American Funds 2065 Trgt Date Retire R6 RFVTX

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





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

0	50	100

Asset Allocation as of 12-31-2023

Sector Weighting as of 12-31-2023

**℃** Cyclical

Basic Materials

#### Asset Class Net % Cat% US Stocks 59.62 44.70 Non-US Stocks 26.07 31.85 Bonds 8.55 11.09 Cash 5.18 1.54 Other 0.56 10.82 Total 100.00 100.00

# Fund • Benchmark ] Category Average

#### Maturity Date Cumulative % YTD Return % Name % Net Asset Morningstar Sector ⊕ American Funds New Perspective R6 10.00 10.00 American Funds SMALLCAP World R6 10.00 20.00 ① American Funds Fundamental Invs R6 9.00 29.00 € American Funds Capital World Gr&Inc R6 9.00 38.01 ⊕ American Funds Washington Mutual R6 8.00 46.01 \_ \_ American Funds AMCAP R6 7.00 53.01 ⊕ American Funds Growth Fund of Amer R6 7.00 60.01 American Funds Invmt Co of Amer R6 7.00 67.01 ⊕ American Funds Global Balanced R6 6.00 73.01 € American Funds American Balanced R6 6.00 79.01

#### Total Holdings 16

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



Morningstar Category M

Target-Date 2065+

Morningstar Index Morningstar Mod Tgt Risk TR USD

<ul> <li>Financial Services</li> <li>Real Estate</li> </ul>	11.12 1.34	16.29	15.94
Real Estate	1.34		
	1.01	7.02	3.43
Sensitive	46.69	38.94	44.98
Communication Services	6.92	5.65	6.68
Energy	4.47	4.93	5.19
Industrials	13.43	12.35	11.70
Technology	21.87	16.01	21.41
→ Defensive	24.77	21.56	19.80
Consumer Defensive	6.80	6.82	6.22
Healthcare	15.93	11.59	11.21
🔉 Utilities	2.04	3.15	2.37

Fund

28.52

4.40

Bmark

39.51

5.17

Cat

35.23

4.94

## American Funds American Balanced R6 RLBGX

#### Portfolio Manager(s)

i ordono managor(s/
Hilda Applbaum since 01-1999
Alan Berro since 03-2006
Jeffrey Lager since 03-2011
Paul Benjamin since 07-2014
Anne-Marie Peterson since 10-2015
Alan Wilson since 01-2016
John Queen since 07-2016
Pramod Atluri since 03-2018
Mark Casey since 10-2019
Ritchie Tuazon since 10-2020
Jin Lee since 03-2023
Chit Purani since 03-2023

#### Quantitative Screens

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

Management: The fund's management has been in place for 25.01 years.

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

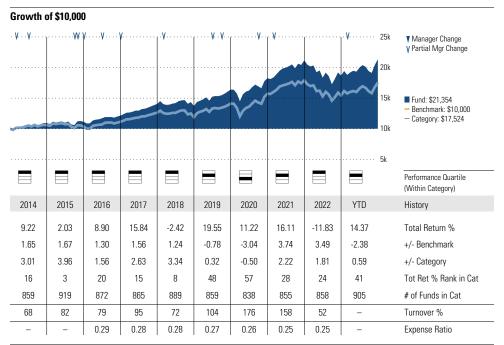
Net Expense: The fund's expense ratio of 0.25 is 75% lower than the Moderate Allocation category average.

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

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

#### **ESG Metrics**

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







#### 4.92 Fund Investment Category Median 4.37 Peer Group Median 3.83 3.28 Quartile Rank 2.73 2.19 1.64 1.09 0.55 0.00 Fund vs Fund vs Peer Group Category 2 8 Percentile 17/932 54/683 Rank

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



20%

15

10

5

Λ

Average annual, if greater than 1 year

Fund Return %	
Benchmark Return %	
Category Average %	
% Rank in Category	

# of Funds in Category

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

	Fund	Bmark	Cat
Alpha	-	-	-
Beta	-	-	-
R-Squared	-	-	-
Standard Deviation	12.01	-	12.19
Sharpe Ratio	-	-	-
Tracking Error	-	-	-
Information Ratio	-	-	-
Up Capture Ratio	-	-	-
Down Capture Ratio	-	-	-
Portfolio Metrics			
	Fund	Bmark	Cat

	Fund	Bmark	Cat
Price/Earnings Ratio	18.63	20.07	20.57
Price/Book Ratio	3.63	3.06	3.30
Avg Eff Duration	6.18	5.80	5.25

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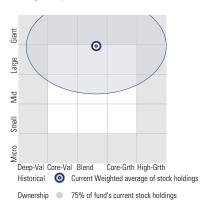


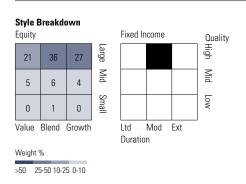
**Morningstar Category** Moderate Allocation

Morningstar Index Morningstar US Mod Tgt Alloc NR USD

# American Funds American Balanced R6 RLBGX

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





# 

Asset Allocation as of 12-31-2023

#### Asset Class Net % Cat% US Stocks 54.22 47.03 Non-US Stocks 7.07 9.63 Bonds 31.03 35.74 Cash 4.24 3.61 3.44 Other 4.00 Total 100.00 100.00

# Fund Benchmark Category Average

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

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Capital Group Central Cash Fund	_	9.62	9.62	_	_
🕸 Cash And Other Assets Less Liablities	-	5.40	15.02	_	-
⊕ Microsoft Corp	-	4.24	19.26	57.96	Technology
Broadcom Inc	-	3.50	22.76	103.05	Technology
⊖ Cap Grp Cent Fd Ser Ii	-	3.44	26.20	-	-
⊖ UnitedHealth Group Inc	-	2.11	28.31	0.68	Healthcare
$\oplus$ Philip Morris International Inc	-	1.99	30.30	-1.97	Consumer Defensive
igodot The Home Depot Inc	-	1.38	31.68	12.36	Consumer Cyclical
	-	1.36	33.05	58.83	Communication Svc
Eli Lilly and Co	-	1.29	34.33	60.57	Healthcare

🕀 Increase 👄 Decrease 🗱 New to Portfolio

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Morningstar Category Mo

Moderate Allocation Morningstar

Morningstar Index

Morningstar US Mod Tgt Alloc NR USD

Sector Weighting as of 12-31-2023				
		Fund	Bmark	Cat
Դ	Cyclical	24.83	31.82	30.41
æ.	Basic Materials	3.85	3.59	3.64
	Consumer Cyclical	7.60	11.14	10.31
<b>H</b>	Financial Services	10.83	14.11	14.22
ŵ	Real Estate	2.55	2.98	2.24
V <sup>ar</sup>	Sensitive	48.64	47.60	46.77
đ	Communication Services	8.65	7.30	7.70
0	Energy	7.65	4.30	5.12
¢	Industrials	11.00	10.70	10.63
	Technology	21.34	25.30	23.32
-	Defensive	26.53	20.59	22.81
F	Consumer Defensive	9.48	6.24	6.13
٠	Healthcare	14.68	11.88	13.76
<b>)</b>	Utilities	2.37	2.47	2.92

## American Funds New Perspective R6 RNPGX

Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 23.1 years.

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

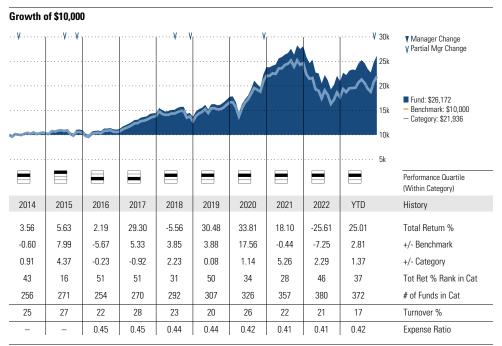
Net Expense: The fund's expense ratio of 0.42 is 60.75% lower than the Global Large-Stock Growth category average.

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	02-15-2022

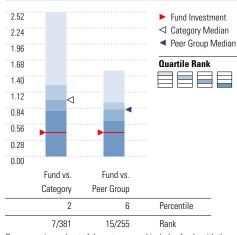






Alpha

Beta



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

5 0 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 R-Squared Standard Deviation 18 45 19.84 Sharpe Ratio Tracking Error Information Ratio Up Capture Ratio Down Capture Ratio **Portfolio Metrics** Fund Bmark Cat

**Total Return %** 

as of 12-31-2023

Benchmark

Category

Fund

Price/Earnings Ratio	20.97	18.60	25.91
Price/Book Ratio	3.48	2.70	4.69
Geom Avg Mkt Cap \$B	117.31	121.33	172.21
ROE	27.91	25.71	28.69
NUE	27.91	20.71	20.0

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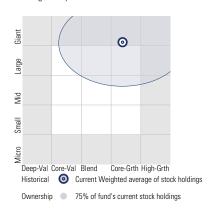


Morningstar Index Morningstar Category

Global Large-Stock Growth MSCI ACWI NR USD

# American Funds New Perspective R6 RNPGX

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





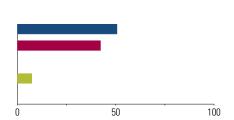


Weight %

<25

>50 25-50 10-25 0-10

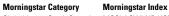
## World Regions % Equity 12-31-2023



## Sector Weighting as of 12-31-2023

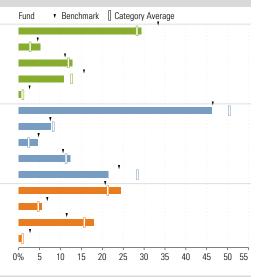
Asset Allocation as of 12-31-2023

		Fund	Bmark	Cat
Դ	Cyclical	29.33	33.19	28.30
æ.	Basic Materials	5.17	4.39	2.74
	Consumer Cyclical	12.88	10.92	11.90
<b>H</b>	Financial Services	10.79	15.45	12.65
ŵ	Real Estate	0.49	2.43	1.01
V <sup>ar</sup>	Sensitive	46.18	46.26	50.39
đ	Communication Services	7.70	7.40	8.27
•	Energy	4.55	4.59	2.39
¢	Industrials	12.43	10.44	11.34
	Technology	21.50	23.83	28.39
-	Defensive	24.49	20.53	21.31
F	Consumer Defensive	5.61	6.67	4.68
٠	Healthcare	18.01	11.31	15.71
9	Utilities	0.87	2.55	0.92



Global Large-Stock Growth MSCI ACWI NR USD

Asset Class	Net %	Cat%
	inel %	Gal%
US Stocks	50.58	58.60
Non-US Stocks	42.19	38.94
Bonds	0.00	0.01
Cash	7.22	2.04
Other	0.00	0.41
Total	100.00	100.00



Greater Asia	Fund % 10.42	Cat % 12.49	Americas	Fund % 59.28	Cat % 63.54	Greater Europe	Fund % 30.29	Cat % 23.96	Market Maturity	Fund %
Japan	2.83	4.64	North America	58.01	62.07	United Kingdom	5.41	4.42	Developed Markets	96.07
Australasia	0.10	0.19	Central/Latin	1.27	1.47	W euro-ex UK	24.43	19.19	Emerging Markets	3.93
Asia-4 Tigers	5.12	3.26				Emrgng Europe	0.00	0.02	Not Available	0.00
Asia-ex 4 Tigers	2.37	4.40				Africa	0.45	0.33		
Not Classified	0.00	0.00								

Top 10 Holdings as of 12-31-2023

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	4.55	4.55	57.96	Technology
⇒ Novo Nordisk A/S Class B	3.12	7.67	51.68	Healthcare
$\supset$ Meta Platforms Inc Class A	2.33	10.00	194.13	Communication Svc
ightarrow Tesla Inc	2.29	12.29	101.72	Consumer Cyclical
	2.14	14.43	103.05	Technology
m lacksquare Taiwan Semiconductor Manufacturing Co Ltd	2.11	16.54	-	Technology
Eli Lilly and Co	1.81	18.35	60.57	Healthcare
🕀 AstraZeneca PLC	1.38	19.73	-	Healthcare
ASML Holding NV	1.24	20.98	39.61	Technology
earrow Capital Group Central Cash Fund	1.24	22.22	_	_

## Total Holdings 326

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

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## American Funds New World R6 RNWGX

## Portfolio Manager(s)

J
Carl Kawaja since 06-1999
Robert Lovelace since 06-1999
Christopher Thomsen since 01-2009
Winnie Kwan since 01-2009
Tomonori Tani since 10-2013
Bradford Freer since 01-2017
Akira Shiraishi since 01-2017
Lisa Thompson since 10-2019
Kirstie Spence since 12-2019
Dawid Justus since 01-2020
Piyada Phanaphat since 01-2020
Matt Hochstetler since 01-2024

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 24.56 years.

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

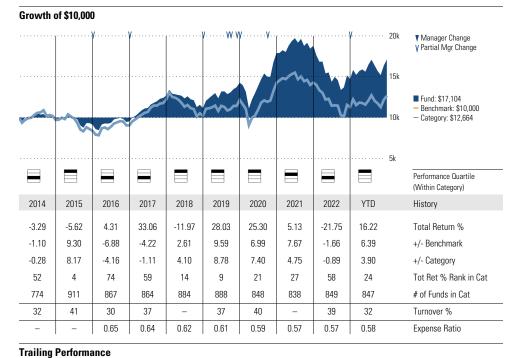
Net Expense: The fund's expense ratio of 0.57 is 49.56% lower than the Diversified Emerging Mkts category average.

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

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

#### **ESG Metrics**

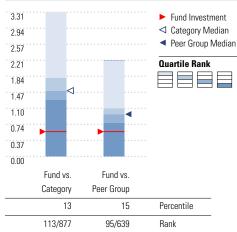
Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



**Morningstar Category** 

Diversified Emerging Mkts

#### 3 Month 1 Year 10 year 3 year 5 year 8.95 16.22 -1.49 8.93 5.51 7.86 9.83 -5.08 3.69 2.66 7 89 12.32 -374 4 70 2 62 27 24 34 9 4 872 847 751 687 428



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

as of 12-31-2023 15 Fund Benchmark 10 Category 5 0 -5 -10 Average annual, if greater than 1 year Since Inception Fund Return % Benchmark Return % Category Average % % Rank in Category

# of Funds in Category

**Total Return %** 

20%

Morningstar Index

MSCI EM NR USD

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

8.36

7.55

\_

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

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

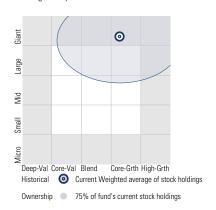
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Net Expense



# American Funds New World R6 RNWGX

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





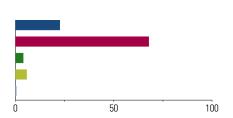


Weight %

<25

>50 25-50 10-25 0-10

## World Regions % Equity 12-31-2023



#### Sector Weighting as of 12-31-2023

Asset Allocation as of 12-31-2023

		Fund	Bmark	Cat
Դ	Cyclical	38.31	44.05	43.10
<b>.</b> #.	Basic Materials	8.43	8.04	6.20
	Consumer Cyclical	12.34	12.19	13.49
ц.	Financial Services	15.70	22.19	21.71
ŵ	Real Estate	1.84	1.63	1.70
V <sup>ar</sup>	Sensitive	39.44	43.48	43.26
đ	Communication Services	6.97	9.24	8.48
0	Energy	4.03	5.22	4.71
¢	Industrials	12.72	6.73	6.85
	Technology	15.72	22.29	23.22
-	Defensive	22.24	12.47	13.65
E	Consumer Defensive	6.87	5.80	7.38
٠	Healthcare	13.95	4.03	4.54
9	Utilities	1.42	2.64	1.73

#### Asset Class Net % Cat% US Stocks 22.47 3.18 Non-US Stocks 67.73 94.87 Bonds 3.85 0.04 Cash 5.61 1.82

0.34

100.00

0.11

100.00

	Fund		Danah	mark	I Cotor	jory Ave				
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	0%	5	10	15	20	25	30	35	40	45

4	Greater Asia	Fund % 39.10	Cat % 73.55	Americas	Fund % 35.96	Cat % 15.81	Greater Europe	Fund % 24.94	Cat % 10.64	Market Maturity	Fund %
	Japan	2.39	0.06	North America	26.47	2.94	United Kingdom	2.13	0.54	Developed Markets	57.94
	Australasia	0.40	0.00	Central/Latin	9.49	12.87	W euro-ex UK	19.89	1.80	Emerging Markets	42.06
	Asia-4 Tigers	6.54	27.02				Emrgng Europe	0.53	1.77	Not Available	0.00
	Asia-ex 4 Tigers	29.77	46.47				Africa	2.39	6.53		
	Not Classified	0.00	0.00								
>75											

Top 10 Holdings as of 12-31-2023

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Capital Group Central Cash Fund	5.39	5.39	_	_
€ Microsoft Corp	2.86	8.25	57.96	Technology
$\ni$ Novo Nordisk A/S Class B	2.68	10.93	51.68	Healthcare
$\oplus$ Taiwan Semiconductor Manufacturing Co Ltd	2.03	12.96	-	Technology
Airbus SE	1.50	14.46	-	Industrials
$\ominus$ Eli Lilly and Co	1.45	15.91	60.57	Healthcare
$\ni$ LVMH Moet Hennessy Louis Vuitton SE	1.44	17.35	_	Consumer Cyclical
ightarrow Kotak Mahindra Bank Ltd	1.43	18.78	-	Financial Services
➔ MercadoLibre Inc	1.23	20.01	85.71	Consumer Cyclical
🕀 AIA Group Ltd	1.10	21.11	-19.70	Financial Services

## Total Holdings 586

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

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

Diversified Emerging Mkts

Other

Total

## 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 26.52 years.

× *Style:* The fund has landed in its primary style box — Large Blend — 60 % of the time over the past three years.

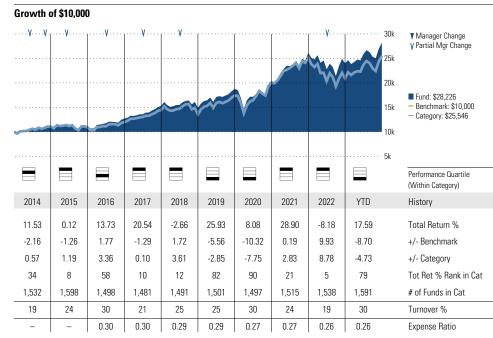
Net Expense: The fund's expense ratio of 0.27 is 64% lower than the Large Blend category average.

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



## Trailing Performance



Alpha

Beta

**R-Squared** 

Sharpe Ratio

Tracking Error

Standard Deviation

4 87 Fund Investment Category Median 4.33 Peer Group Median 3.79 3.25 Quartile Rank 2.71 2.16 1.62 1.08 0.54 0.00 Fund vs Fund vs Peer Group Category 19 15 Percentile 315/1691 147/981 Rank

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

25 Fund Benchmark 20 Category 15 10 5 Λ Average annual, if greater than 1 year Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund **Bmark** Cat 15 15 17 04

**Total Return %** 

as of 12-31-2023

30%

Information Ratio Up Capture Ratio Down Capture Ratio **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 19.52 23 61 22.67 Price/Book Ratio 3.41 4.19 4.67 Geom Avg Mkt Cap \$B 145 74 241 61 282 66 ROE 30.25 31.50 30.87

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Morningstar Category

Morningstar Index S&P 500 TR USD

&P 500 TR USD

## American Funds Washington Mutual R6 RWMGX

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Energy

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F

Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

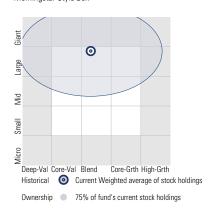
Technology

Defensive

Healthcare

**Consumer Defensive** 

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





Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings as of 12-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ Broadcom Inc	6.12	6.12	103.05	Technology
➔ Microsoft Corp	6.04	12.16	57.96	Technology
ightarrow UnitedHealth Group Inc	3.31	15.46	0.68	Healthcare
e Capital Group Central Cash Fund	2.92	18.39	_	-
⊖ Comcast Corp Class A	2.76	21.15	28.65	Communication Svc
∋ Marsh & McLennan Companies Inc	2.63	23.78	16.07	Financial Services
ightarrow Eli Lilly and Co	2.35	26.13	60.57	Healthcare
$ earrow  ext{Northrop}$ Grumman Corp	1.87	28.00	-12.85	Industrials
$oldsymbol{eta}$ The Home Depot Inc	1.78	29.77	12.36	Consumer Cyclical
$\oplus$ Philip Morris International Inc	1.78	31.55	-1.97	Consumer Defensive
∋ JPMorgan Chase & Co	1.45	33.00	29.87	Financial Services
i Johnson & Johnson	1.38	34.38	-8.61	Healthcare
€ CVS Health Corp	1.37	35.75	-12.67	Healthcare
€ AbbVie Inc	1.34	37.09	-0.45	Healthcare
🕀 Intel Corp	1.32	38.42	92.92	Technology

#### Total Holdings 196

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

50 100

Bmark

28.24

2.19

11.01

12 52

2.52

50.65

8.58

3.89

8.37

29.81

21.12

6.11

12.67

2.34

Fund

26.43

3.17

6.76

14 64

1.86

44.31

5.58

6.23

11.53

20.97

29.26

8.28

17.86

3.12

Cat

28.24

2.75

10.16

13.17

2.16

49.61

8.09

4.29

9.99

27.24

22.15

6.37

13.60

2.18

Asset Allocation as of 12-31-2023

Sector Weighting as of 12-31-2023

Asset Class	Net %	Cat%
US Stocks	90.30	95.35
Non-US Stocks	6.55	2.42
Bonds	0.00	-0.53
Cash	3.12	1.50
Other	0.03	1.24
Total	100.00	100.00

**Morningstar Index** 

S&P 500 TR USD

**Morningstar Category** 

📕 Large Blend

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

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## Baird Core Plus Bond Inst BCOIX

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 23.27 years.

Style Consistency is not calculated for Fixed Income funds.

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

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

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

#### **ESG Metrics**

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



33

0.30

45

0.30

29

0.30

\_

\_

10%



Net Expense

35

\_

34

33

0.30

30

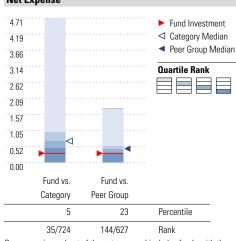
0.30

26

0.30

26

0.30



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

as of 12-31-2023 Fund Benchmark 5 Category Λ Average annual, if greater -5 than 1 year Since Inception

Turnover %

Expense Ratio

**Total Return %** 

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

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

4.80

6.61

\_

	Fund	Bmark	Cat
Alpha	-	-	-
Beta	-	-	-
R-Squared	-	-	-
Standard Deviation	7.26	-	7.49
Sharpe Ratio	-	-	-
Tracking Error	-	-	-
Information Ratio	-	-	-
Up Capture Ratio	-	-	-
Down Capture Ratio	-	-	-
Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	5.91	4.43	6.18

	1 0110	Bindin	our
Avg Eff Duration	5.91	4.43	6.18
Avg Eff Maturity	8.08	-	8.87

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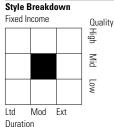


Morningstar Category Morningstar Index

Intermediate Core-Plus Bond Bloomberg US Agg Bond TR USD

## Baird Core Plus Bond Inst BCOIX

## Style Analysis as of 12-31-2023



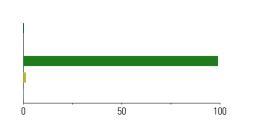
Not Rated

**Credit Rating Breakdown** Fund Bmark Cat AAA 12.80 3.53 33.76 AA 39.80 74.59 26.40 13.60 10.82 А 11.24 BBB 30.80 8.32 17.98 BB 2.40 0.28 4.22 В 0.10 0.00 1.53 Below B 0.10 0.00 0.69

0.40

2.46

4 18



#### Sector Weighting as of 12-31-2023

Asset Allocation as of 12-31-2023

#### Benchmark [] Category Average Bmark Cat Fund Fund Government 19.25 26.88 19.25 17.06 Treasurv \_ Inflation - Protected 0.00 0.43 I 0.00 Î Agency/Quasi Agency 0.32 Other Government Related 0.00 9.07 46.39 Corporate 26.57 \_ Corporate Bond 46.38 25.83 Bank Loan 0.00 \_ 0.26 Convertible 0.01 0.06 Preferred 0 00 0 0.42 Securitized 32.20 38.22 \_ Agency MBS Pass-Through 19.18 24.69 Agency MBS ARM 0.00 0.06 Agency MBS CMO 1.65 2.83 Non-Agency Residential MBS 0.54 0.23 Π Commercial MBS 4.52 1.25 Asset-Backed 9.16 6.31 \_ Covered Bond 0.00 0.00 Û Municipal 1.09 \_ 0.49 **Cash & Equivalents** 1.06 5.70 \_ Other 0.00 \_ 1.99 0% 5 10 15 20 25 30 35 40 45 50

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

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
€ United States Treasury Notes 1.13%	10-2026	3.22	3.22	-
United States Treasury Bonds 2.5%	02-2045	2.66	5.89	-
United States Treasury Bonds 2.88%	05-2043	2.07	7.95	-
€ United States Treasury Notes 2.38%	03-2029	1.47	9.43	-
⊕ United States Treasury Notes 4.38%	08-2026	1.33	10.76	-
⊕ United States Treasury Bonds 2.38%	02-2042	1.29	12.05	_
⊕ United States Treasury Notes 4.13%	08-2030	1.28	13.33	-
€ United States Treasury Bonds 2.88%	05-2052	1.20	14.52	-
United States Treasury Bonds 1.38%	11-2040	1.09	15.61	-
€ United States Treasury Bonds 3.38%	08-2042	1.05	16.67	-

#### Total Holdings 1557

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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## Morningstar Category Morningstar Index

Intermediate Core-Plus Bond Bloomberg US Agg Bond TR USD

Total	100.00	100.00
Other	0.05	1.18
Cash	1.13	3.27
Bonds	98.80	95.53
Non-US Stocks	0.00	0.00
US Stocks	0.02	0.03
Asset Class	Net %	Cat%

# BlackRock High Yield Bond K BRHYX

# Portfolio Manager(s)

Mitchell Garfin since 12-2009 Derek Schoenhofen since 12-2009 David Delbos since 12-2014

## 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 14.01 years.

Style Consistency is not calculated for Fixed Income funds.

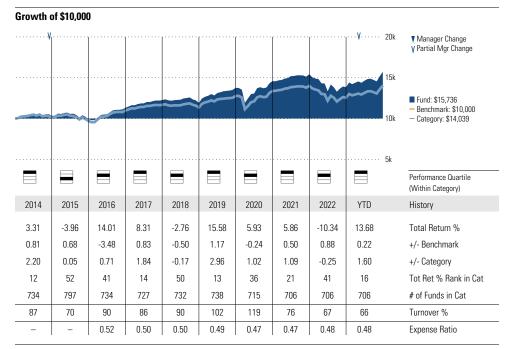
Net Expense: The fund's expense ratio of 0.51 is 43.33% lower than the High Yield Bond category average.

# 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.

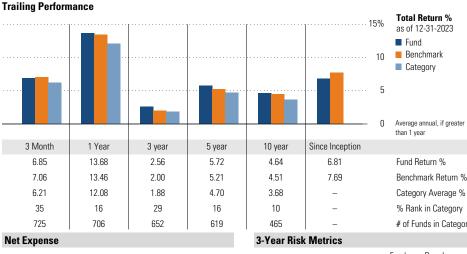
# **ESG Metrics**

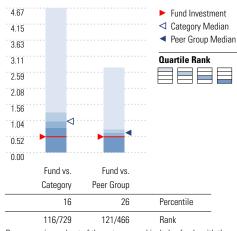
Metric	Rating	Updated
ESG Commitment	2-Basic	02-15-2022



Morningstar Category

High Yield Bond





465	-	# of	# of Funds in Category				
3-Year Risk	Metrics						
		Fund	Bmark	Cat			
Alpha		-	-	-			
Beta		-	-	-			
R-Squared		-	-	-			
Standard Devia	ition	8.46	-	7.80			
Sharpe Ratio		-	-	-			
Tracking Error		-	-	-			
Information Ra	tio	-	-	-			
Up Capture Rat	io	-	-	-			
Down Capture	Ratio	-	-	-			
Portfolio M	etrics						
		Fund	Bmark	Cat			
Avg Eff Duratio	n	3.32	-	3.13			

5.00

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 Avg Eff Duration
Rank Avg Eff Maturity
includes funds with the
e) and similar share class

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4.81

Morningstar Index

ICE BofA US High Yield TR USD

# BlackRock High Yield Bond K BRHYX

# Style Analysis as of 12-31-2023





Duration

-50	0	50	100

# Asset Class Net % US Stocks 0.46

Non-US Stocks	0.00	0.05
Bonds	100.00	95.08
Cash	-6.98	2.63
Other	6.51	1.42
Total	100.00	100.00

# Sector Weighting as of 12-31-2023

Asset Allocation as of 12-31-2023

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	0.00	-	3.92
AA	0.00	-	0.38
А	0.16	-	0.26
BBB	7.18	-	5.90
BB	29.64	-	36.20
В	48.35	-	40.32
Below B	12.53	-	11.07
Not Rated	2.14	-	1.95

	Fund	Bmark	Cat	Fund	<ul> <li>Benchmark [] Category Average</li> </ul>
Government	0.55	-	2.34	10	
Treasury	0.00	-	0.98	0	
Inflation – Protected	0.00	-	0.01	İ.	
Agency/Quasi Agency	0.02	-	0.02	0	
Other Government Related	0.53	-	1.33	I]	
Corporate	91.95	-	90.22		
Corporate Bond	83.88	-	87.03		
Bank Loan	6.85	-	2.35		
Convertible	0.58	-	0.39	0	
Preferred	0.64	-	0.45	]	
Securitized	0.09	-	1.45	1	
Agency MBS Pass-Through	0.00	-	0.11	0	
Agency MBS ARM	0.00	-	0.00		
Agency MBS CMO	0.00	-	0.04	0	
Non-Agency Residential MBS	0.00	-	0.06		
Commercial MBS	0.00	-	0.11	0	
Asset-Backed	0.09	-	1.13	1	
Covered Bond	0.00	-	0.00	0	
Municipal	0.00	-	0.03		
Cash & Equivalents	2.24	-	4.06		
Other	5.16	-	1.90		

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

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

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
🗱 Cash Offset	-	6.87	6.87	-
⊕ ICE: (CDX.NA.HY.41.V2)	12-2028	2.45	9.32	-
igodot iShares iBoxx \$ High Yield Corp Bd ETF	_	2.07	11.39	-
⊖ BlackRock Liquidity T-Fund Instl	_	2.02	13.41	-
EUR/USD Purchased	12-2023	1.63	15.04	-
€ EUR/USD Purchased	12-2023	1.60	16.65	-
$\odot$ USD CASH(Committed)	12-2023	1.53	18.18	-
igodot TransDigm, Inc.	03-2026	1.39	19.57	-
⊖ EUR/USD Purchased	12-2023	0.93	20.50	-
⊕ EUR/USD Purchased	12-2023	0.91	21.41	-

# Total Holdings 1550

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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Morningstar Category Morningstar Index High Yield Bond

ICE BofA US High Yield TR USD

Cat%

0.81

# Invesco Balanced-Risk Commodity Strat R6 IBRFX

# Portfolio Manager(s)

Chris Devine since 11-2010 Christian Ulrich since 11-2010 Mark Ahnrud since 11-2010 Scott Hixon since 11-2010 Scott Wolle since 11-2010

# Quantitative Screens

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

*Management:* The fund's management has been in place for 13.09 years.

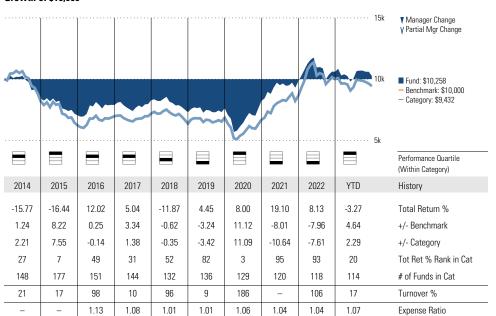
Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 1.12 is 8.74% higher than the Commodities Broad Basket category average.

### Morningstar Investment Management LLC Analysis

Invesco Balanced-Risk Commodity Strategy has lagged competitors significantly during the commodity resurgence of the past year. That is to be expected given the relatively limited energy exposure that is consistent with the fund's strategy. However, relative results have been worse than we would expect even allowing for a sizable energy underweight. We are placing the fund on watch while we observe how it progresses and assess the fund's ability to get back to results that are consistent with expectations.







Portfo	lio Metrics			
		Fund	Bmark	Cat
Price/Ea	rnings Ratio	-	-	7.93
Price/Bo	ok Ratio	-	-	1.87
Geom A	vg Mkt Cap \$B	-	-	44.07
BOE		_	_	27 17

80/120 67/76 Rank Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

89

Percentile

Peer Group

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Category 66



On Watch

A

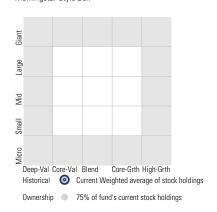
Morningstar Index

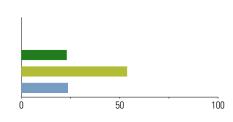
Commodities Broad Basket Bloomberg Commodity TR USD

Morningstar Category

# Invesco Balanced-Risk Commodity Strat R6 IBRFX

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





# Sector Weighting as of 12-31-2023

Asset Allocation as of 12-31-2023

	Fund	Bmark	Cat	Fund	▼ Be	nchmark	Cate	gory Ave	erage			
🕑 Cyclical	-	-	44.68								[	
Basic Materials	-	-	44.68								0	
Consumer Cyclical	-	-	0.00	Ó í								
Financial Services	-	-	0.00	0								
Real Estate	-	-	0.00	Ū								
M Sensitive	_	_	51.07									0
Communication Services	_	-	0.00	0								
Energy	-	-	48.94									0
Industrials	-	-	2.13	0								
Technology	-	-	0.00	Ì								
→ Defensive	-	-	4.26	0								
Consumer Defensive	-	-	4.26	0								
Healthcare	-	-	0.00									
Utilities	-	-	0.00	Í.								
				0% 5	10	15 2	0 25	30	35	40	45	50 5

# Style Breakdown



# Weight %

>50 25-50 10-25 0-10

# Top 13 Holdings as of 12-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
onumber  onumber Invesco Cayman Commodity Fund Iii Hf	23.50	23.50	_	_
➔ Invesco Shrt-Trm Inv Treasury Instl	17.46	40.96	_	-
➔ Invesco Shrt-Trm Inv Gov&Agcy Instl	15.28	56.24	-	-
€ Invesco Shrt-Trm Inv Liq Assets Instl	10.79	67.04	_	-
United States Treasury Notes 5.25588%	9.40	76.44	-	-
United States Treasury Notes 5.36788%	7.48	83.92	_	_
United States Treasury Notes 5.31588%	7.41	91.33	_	-
$oldsymbol{eta}$ Citigroup Global Markets Holdings Inc. 0.1%	5.84	97.17	_	-
Bank of Montreal 0.1%	4.14	101.31	_	-
Societe Generale S.A. 0.1%	3.17	104.48	-	-
onumber   3.07	107.54	-	_	
Barclays Bank plc 0.01%	2.27	109.82	-	-
Royal Bank of Canada 0.1%	1.87	111.68	-	-

# Total Holdings 13

🕀 Increase 👄 Decrease 🕸 New to Portfolio

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On Watch

Morningstar Index

Morningstar Category Commodities Broad Basket Bloomberg Commodity TR USD

A

Total	100.00	100.00
Other	23.50	2.79
Cash	53.62	53.81
Bonds	22.88	41.59
Non-US Stocks	0.00	0.72
US Stocks	0.00	1.09
Asset Class	Net %	Cat%

# 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 19.42 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 52.69% lower than the Large Growth category average.

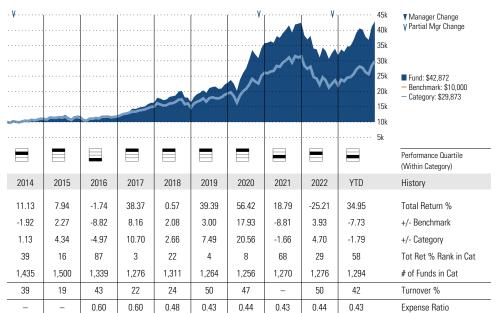
# Morningstar Investment Management LLC Analysis

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	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	04-07-2022





**Morningstar Category** 

Large Growth





6.43 Fund Investment Category Median 5.72 Peer Group Median 5.00 4.29 Quartile Rank 3.57 2.86 2.14 1.43 0.7 0.00 Fund vs Fund vs Peer Group Category 11 19 Percentile 136/1324 187/985 Rank

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

# of Funds in Category **3-Year Risk Metrics** Fund **Bmark** Cat Alpha Beta R-Squared Standard Deviation 19 14 21.31 Sharpe Ratio Tracking Error Information Ratio Up Capture Ratio Down Capture Ratio **Portfolio Metrics** 

	Fund	Bmark	Cat
Price/Earnings Ratio	33.11	33.00	31.29
Price/Book Ratio	9.47	10.90	8.04
Geom Avg Mkt Cap \$B	362.67	427.90	440.36
ROE	34.09	40.31	34.88

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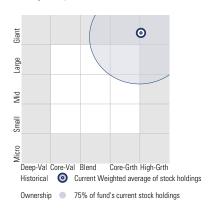


Morningstar Index

Russell 1000 Growth TR USD

# JPMorgan Large Cap Growth R6 JLGMX

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







# Weight %

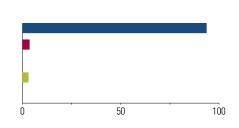
>50 25-50 10-25 0-10

# Top 15 Holdings as of 12-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	12.04	12.04	57.96	Technology
Amazon.com Inc	7.01	19.05	80.88	Consumer Cyclical
Apple Inc	5.47	24.52	48.91	Technology
NVIDIA Corp	4.88	29.41	238.98	Technology
$\oplus$ Meta Platforms Inc Class A	4.80	34.20	194.13	Communication Svc
$\oplus$ Eli Lilly and Co	4.78	38.98	60.57	Healthcare
$\ni$ Alphabet Inc Class C	4.24	43.22	58.83	Communication Svc
$oldsymbol{\oplus}$ JPMorgan Prime Money Market Inst	2.92	46.13	-	-
Mastercard Inc Class A	2.73	48.86	23.31	Financial Services
Netflix Inc	2.71	51.58	65.11	Communication Svc
Tesla Inc	2.50	54.07	101.72	Consumer Cyclical
Broadcom Inc	2.28	56.36	103.05	Technology
$    extsf{D}    extsf{Oracle Corp}    extsf{}    exts$	2.20	58.56	30.84	Technology
Uber Technologies Inc	1.97	60.53	148.97	Technology
igodot Regeneron Pharmaceuticals Inc	1.94	62.47	21.73	Healthcare

# Total Holdings 72

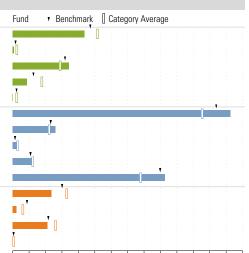
🕀 Increase 👄 Decrease 🕸 New to Portfolio



# Sector Weighting as of 12-31-2023

Asset Allocation as of 12-31-2023

		Fund	Bmark	Cat
Դ	Cyclical	21.91	23.41	25.84
æ.	Basic Materials	0.35	0.65	1.27
	Consumer Cyclical	17.20	15.72	14.45
ц.	Financial Services	4.36	6.09	8.88
ŵ	Real Estate	0.00	0.95	1.24
₩ <b>r</b>	Sensitive	66.31	61.76	57.71
G	Communication Services	12.94	11.36	11.14
0	Energy	1.13	0.50	1.52
Ф	Industrials	5.83	5.21	6.11
	Technology	46.41	44.69	38.94
	Defensive	11.77	14.83	16.45
F	Consumer Defensive	1.17	4.14	3.10
٠	Healthcare	10.60	10.63	13.04
Ç	Utilities	0.00	0.06	0.31



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

Morningstar Category **Morningstar Index** Large Growth

Russell 1000 Growth TR USD

Total	100.00	100.00
Other	0.00	0.97
Cash	2.93	1.44
Bonds	0.00	0.00
Non-US Stocks	3.49	4.32
US Stocks	93.58	93.27
Asset Class	Net %	Cat%

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# JPMorgan US Equity R6 JUEMX

# Portfolio Manager(s)

Scott Davis since 08-2014 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 9.38 years.

Style: The fund has landed in its primary style box — Large Blend — 68.97 % 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.

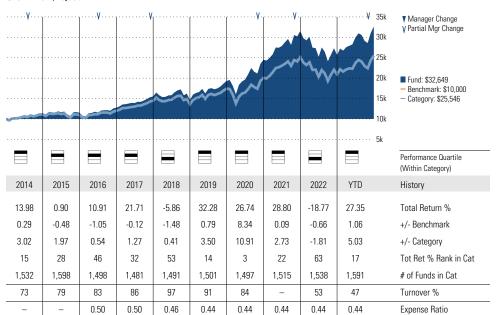
### **Morningstar Investment Management LLC Analysis**

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**

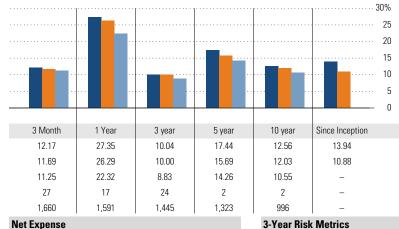
Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	03-11-2022



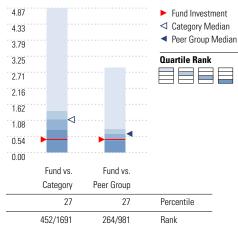


Large Blend





Beta



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

Average annual, if greater than 1 year Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund **Bmark** Cat Alpha **R-Squared** Standard Deviation 17.36 17 04 Sharpe Ratio Tracking Error Information Ratio Up Capture Ratio Down Capture Ratio **Portfolio Metrics** 

**Total Return %** 

as of 12-31-2023

Fund Benchmark

Category

	Fund	Bmark	Cat
Price/Earnings Ratio	23.44	23.61	22.67
Price/Book Ratio	4.54	4.19	4.67
Geom Avg Mkt Cap \$B	255.52	241.61	282.66
ROE	31.40	31.50	30.87

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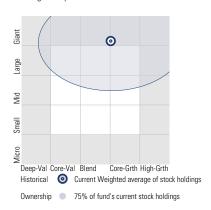


Morningstar Index **Morningstar Category** 

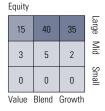
S&P 500 TR USD

# JPMorgan US Equity R6 JUEMX

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







### Weight %

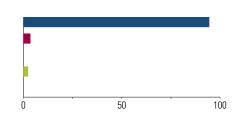
>50 25-50 10-25 0-10

## Top 15 Holdings as of 12-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ Microsoft Corp	9.41	9.41	57.96	Technology
€ Apple Inc	5.48	14.90	48.91	Technology
Đ Amazon.com Inc	4.00	18.90	80.88	Consumer Cyclical
$    ext{D}    ext{UnitedHealth Group Inc} $	3.57	22.47	0.68	Healthcare
∋ NVIDIA Corp	3.40	25.86	238.98	Technology
igap Alphabet Inc Class A	2.86	28.72	58.32	Communication Svc
$\ni$ AbbVie Inc	2.84	31.57	-0.45	Healthcare
igodolog Meta Platforms Inc Class A	2.81	34.38	194.13	Communication Svc
• NXP Semiconductors NV	2.76	37.14	47.91	Technology
$oldsymbol{ heta}$ Coca-Cola Co	2.40	39.54	-4.46	Consumer Defensive
€ Wells Fargo & Co	2.40	41.93	22.35	Financial Services
🕀 NextEra Energy Inc	2.37	44.30	-25.11	Utilities
€ McDonald's Corp	2.31	46.62	14.88	Consumer Cyclical
ige  ightarrow Mastercard Inc Class A	2.29	48.90	23.31	Financial Services
🕑 Deere & Co	2.25	51.15	-5.50	Industrials

# Total Holdings 55

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



# Sector Weighting as of 12-31-2023

Asset Allocation as of 12-31-2023

		Fund	Bmark	Cat	
Դ	Cyclical	28.34	28.24	28.24	
<b>.</b> #.	Basic Materials	2.80	2.19	2.75	
<b>A</b>	Consumer Cyclical	10.20	11.01	10.16	
ц <u>е</u>	Financial Services	13.58	12.52	13.17	
ŵ	Real Estate	1.76	2.52	2.16	
w	Sensitive	50.15	50.65	49.61	
	Communication Services	5.80	8.58	8.09	
0	Energy	5.34	3.89	4.29	
₽	Industrials	10.24	8.37	9.99	
	Technology	28.77	29.81	27.24	
-	Defensive	21.50	21.12	22.15	
E	Consumer Defensive	2.45	6.11	6.37	
٠	Healthcare	14.81	12.67	13.60	
<b>9</b>	Utilities	4.24	2.34	2.18	

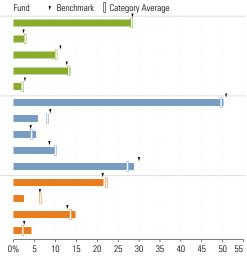


Morningstar Index

S&P 500 TR USD

Morningstar Category

Large Blend



### **Neuberger Berman Mid Cap Growth R6** NRMGX

# Portfolio Manager(s)

Chad Bruso since 01-2020 Trevor Moreno since 01-2020 Jennifer Blachford since 12-2021

### 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 3.96 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 0.6 is 43.4% lower than the Mid-Cap Growth category average.

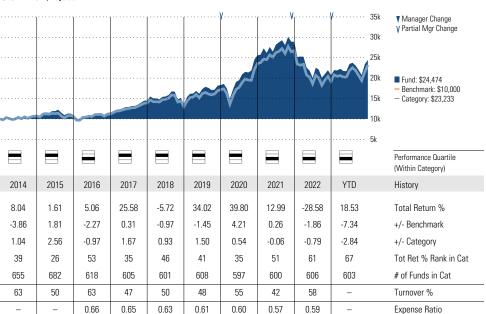
### **Morningstar Investment Management LLC Analysis**

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

## **ESG Metrics**

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





Morningstar Category

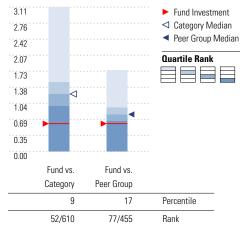
Mid-Cap Growth

### **Trailing Performance**



Alpha

Beta



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

Average annual, if greater than 1 year Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund **Bmark** Cat R-Squared Standard Deviation 20.87 22.03 Sharpe Ratio Tracking Error Information Ratio Up Capture Ratio Down Capture Ratio **Portfolio Metrics** Fund Bmark Cat

**Total Return %** 

as of 12-31-2023

Benchmark

Category

Fund

Price/Earnings Ratio	27.37	26.78	27.96
Price/Book Ratio	7.50	8.34	5.61
Geom Avg Mkt Cap \$B	25.61	23.17	20.97
ROE	20.28	25.12	17.17

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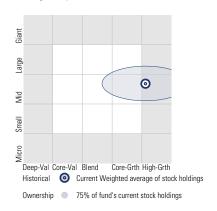


Morningstar Index

Russell Mid Cap Growth TR USD

# Neuberger Berman Mid Cap Growth R6 NRMGX

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





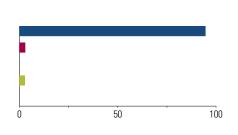
>50 25-50 10-25 0-10

# Top 15 Holdings as of 12-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ MongoDB Inc Class A	2.73	2.73	107.71	Technology
Arthur J. Gallagher & Co	2.71	5.44	20.44	Financial Services
€ Ssc Government Mm Gvmxx	2.65	8.09	-	-
eq CrowdStrike Holdings Inc Class A	2.53	10.62	142.49	Technology
DexCom Inc	2.20	12.82	9.58	Healthcare
$\ominus$ Manhattan Associates Inc	2.20	15.02	77.36	Technology
$oldsymbol{eta}$ The Trade Desk Inc Class A	2.09	17.10	60.52	Technology
Cintas Corp	2.06	19.17	34.55	Industrials
eq Palantir Technologies Inc Ordinary Shares - Class A	2.05	21.22	167.45	Technology
IQVIA Holdings Inc	1.99	23.22	12.93	Healthcare
$\oplus$ Cencora Inc	1.94	25.15	25.13	Healthcare
W.W. Grainger Inc	1.84	27.00	50.62	Industrials
Super Micro Computer Inc	1.84	28.84	246.24	Technology
Ares Management Corp Ordinary Shares - Class A	1.81	30.65	78.26	Financial Services
Ross Stores Inc	1.81	32.46	20.38	Consumer Cyclical

Total Holdings 80

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

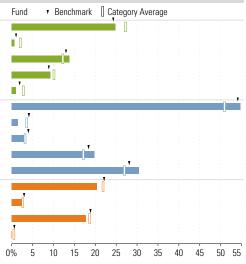


# Sector Weighting as of 12-31-2023

Asset Allocation as of 12-31-2023

		Fund	Bmark	Cat
Դ	Cyclical	24.83	24.13	27.23
æ.	Basic Materials	0.66	0.88	2.08
	Consumer Cyclical	13.84	12.82	12.24
ц.	Financial Services	9.29	8.71	10.12
ŵ	Real Estate	1.04	1.72	2.79
w	Sensitive	54.77	53.92	50.92
G	Communication Services	1.50	3.95	3.60
0	Energy	2.99	3.81	3.20
Ф	Industrials	19.84	18.22	17.15
	Technology	30.44	27.94	26.97
	Defensive	20.42	21.94	21.85
F	Consumer Defensive	2.68	2.80	2.66
٠	Healthcare	17.74	18.68	18.66
<b>)</b>	Utilities	0.00	0.46	0.53

#### Asset Class Net % Cat% US Stocks 94.56 93.41 Non-US Stocks 2.80 4.02 Bonds 0.00 0.11 Cash 2.65 1.69 Other 0.00 0.78 Total 100.00 100.00





Morningstar Category
Mid-Cap Growth

Morningstar Index Russell Mid Cap Growth TR USD

# PIMCO Income Insti PIMIX

# Portfolio Manager(s)

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

### Quantitative Screens

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

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

Style Consistency is not calculated for Fixed Income funds.

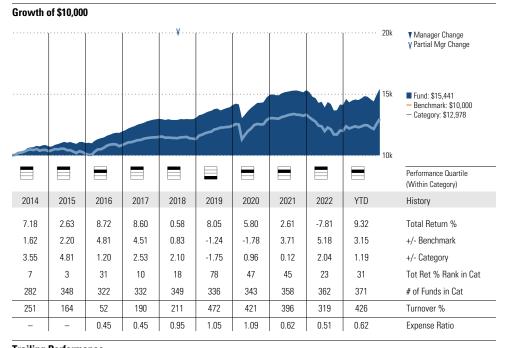
Net Expense: The fund's expense ratio of 0.62 is 36.08% lower than the Multisector Bond category average.

# **Morningstar Investment Management LLC Analysis**

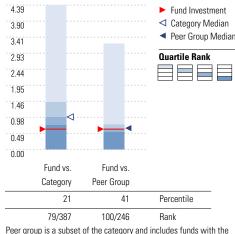
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

# **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	11-30-2023







10,001	100/210	nam	
Peer group is a subset of the	he category ar	nd includes funds with	the
same management style (a	active vs. pass	ive) and similar share c	lass
characteristics.			

Cat

Standard Deviation 6 2 6 6.28 Sharpe Ratio Tracking Error Information Ratio Up Capture Ratio Down Capture Ratio **Portfolio Metrics** Fund Bmark Cat Avg Eff Duration 474 4 55 4.55 Avg Eff Maturity 6.66 7.69 7.15

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**Morningstar Category** 

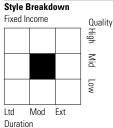
Multisector Bond

Morningstar Index

Bloomberg US Universal TR USD

# PIMCO Income Insti PIMIX

# Style Analysis as of 12-31-2023



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

Asset Allocation as of 12-31-2023

Sector Weighting as of 12-31-2023

#### Asset Class Net % Cat% US Stocks 0.56 1.17 Non-US Stocks 0.32 0.16 Bonds 202.90 105.37 Cash -103.95 -1.87 Other 0.17 -4.84 Total 100.00 100.00

**Morningstar Index** 

Bloomberg US Universal TR USD

**Morningstar Category** 

Multisector Bond

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

	Fund	Bmark	Cat	Fund	۲	Benchma	rk 🛛 C	ategory	Average			
Government	39.78	-	30.77		-		-		-	]	-	
Treasury	1.66	_	9.43			0						
Inflation – Protected	2.64	_	0.80									
Agency/Quasi Agency	0.03	-	0.56	10								
Other Government Related	35.45	-	19.98					0				
Corporate	3.11	-	34.53								0	
Corporate Bond	2.36	-	29.21							0		
Bank Loan	0.71	-	3.06									
Convertible	0.02	-	0.68	10								
Preferred	0.02	-	1.58									
Securitized	22.97	-	25.96									
Agency MBS Pass-Through	12.61	-	9.20									
Agency MBS ARM	0.00	-	0.10									
Agency MBS CMO	0.13	-	1.59	[								
Non-Agency Residential MBS	3.73	-	3.34	]								
Commercial MBS	0.28	_	2.00									
Asset-Backed	6.22	-	9.73			0						
Covered Bond	0.00	-	0.00	0								
Municipal	0.02	-	0.33	0								
Cash & Equivalents	24.54	-	4.13		(			-				
Other	9.40	-	4.26		0							
				0%	5	10	15	20	25	30	35	4

# Top 10 Holdings as of 12-31-2023

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

# Total Holdings 8706

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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# PIMCO Short-Term Instl PTSHX

Portfolio Manager(s)

Jerome Schneider since 01-2011 Nathan Chiaverini since 04-2019 Andrew Wittkop since 04-2019

### Quantitative Screens

*Performance:* The fund has finished in the Ultrashort 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 13.01 years.

Style Consistency is not calculated for Fixed Income funds.

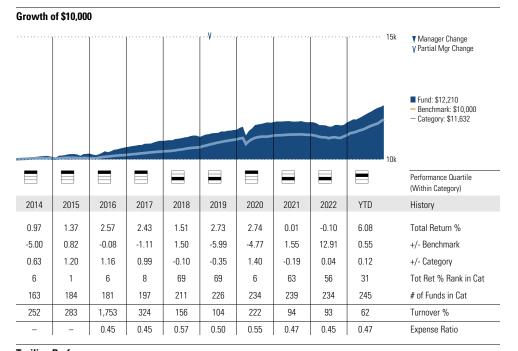
Net Expense: The fund's expense ratio of 0.47 is 14.63% higher than the Ultrashort Bond category average.

# Morningstar Investment Management LLC Analysis

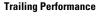
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

# **ESG Metrics**

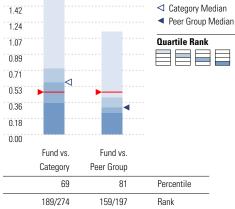
Metric	Rating	Updated
Sustainability Rating	3	11-30-2023



Ultrashort Bond







 9
 % Rank in Category

 116
 # of Funds in Category

 S-Year Risk Metrics

 Fund Bmark Cat

 Alpha

 Beta

 R-Squared

 Standard Deviation
 1.25

 Sharpe Ratio

 Information Ratio

 Up Capture Ratio

 Down Capture Ratio

	Fund	Bmark	Cat
Avg Eff Duration	0.10	4.43	1.00
Avg Eff Maturity	-	-	1.62

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 Category Morningstar Index

Bloomberg US Agg Bond TR USD

# PIMCO Short-Term Instl PTSHX

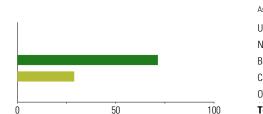
# Style Analysis as of 12-31-2023





Duration

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	53.10	3.53	44.82
AA	4.06	74.59	17.31
А	20.73	10.82	16.11
BBB	21.56	8.32	17.65
BB	0.16	0.28	1.86
В	0.16	0.00	0.80
Below B	0.23	0.00	0.23
Not Rated	0.00	2.46	1.21



Asset Allocation as of 12-31-2023

#### Asset Class Net % Cat% US Stocks 0.00 0.77 Non-US Stocks 0.00 0.41 Bonds 71.28 56.14 Cash 28.72 43.34 0.00 Other -0.67 Total 100.00 100.00

**Morningstar Index** 

Bloomberg US Agg Bond TR USD

Morningstar Category

Ultrashort Bond

#### Sector Weighting as of 12-31-2023 Benchmark [] Category Average Fund Bmark Cat Fund Government 20.84 19.93 11.24 15.82 Π Treasurv \_ Inflation - Protected 0.38 0.00 6.79 Agency/Quasi Agency 1 98 Other Government Related 2.43 2.13 Corporate 24.04 27.77 \_ Corporate Bond 24.04 27.07 10 Bank Loan 0.00 \_ 0.63 Convertible 0.00 0.05 Preferred 0.00 0.02 Π \_ Securitized 27.36 23.06 \_ 0 Agency MBS Pass-Through 0.49 0.37 Î. Agency MBS ARM 0.10 0.25 Agency MBS CMO 0.76 1.87 Non-Agency Residential MBS 2.11 0.04 1 Commercial MBS 2.97 2.46 n 18.07 Asset-Backed 20.93 \_ Covered Bond 0.00 0.00 1 Municipal 0.10 \_ 0.66 **Cash & Equivalents** 22.45 26.78 \_ Other 5.09 \_ 1.76 0% 5 10 15 20 25 30

# Top 10 Holdings as of 12-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
🜣 Cash Offset	_	25.43	25.43	_
🗱 Offset: Unsettled Trades	_	19.56	44.99	-
€ United States Treasury Bills 0%	11-2023	13.47	58.46	-
⊖ CDX IG41 5Y ICE	12-2028	9.01	67.46	-
igodot 2 Year Treasury Note Future Dec 23	12-2023	7.45	74.92	-
⊖ 5 Year Treasury Note Future Dec 23	12-2023	5.98	80.90	_
	03-2025	4.87	85.76	-
⊕ United States Treasury Bills 0%	01-2024	4.19	89.95	-
⊕ 3 Month SOFR Future Sept 23	12-2023	3.82	93.77	_
igodot AUSTRALIAN DOLLARS Sold	11-2023	3.07	96.84	-

# Total Holdings 1057

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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# Vanguard 500 Index Admiral VFIAX

# Portfolio Manager(s)

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

### Quantitative Screens

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

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

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

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

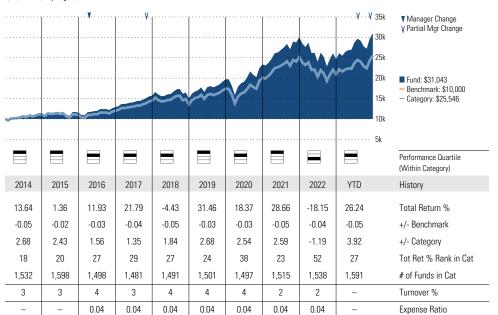
### **Morningstar Investment Management LLC Analysis**

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

# **ESG Metrics**

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





Large Blend





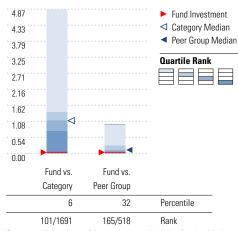
Alpha

Beta

R-Squared

Sharpe Ratio

Tracking Error



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

Category Average annual, if greater than 1 year Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund Bmark Cat Standard Deviation 17 54 17 04 Information Ratio Up Capture Ratio Down Capture Ratio **Portfolio Metrics** 

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

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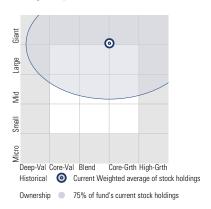


Morningstar Category Morningstar Index

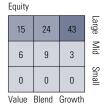
S&P 500 TR USD

# Vanguard 500 Index Admiral VFIAX

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







### Weight %

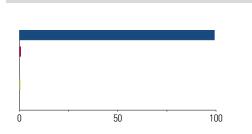
>50 25-50 10-25 0-10

# Top 15 Holdings as of 12-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
ige > Apple Inc	7.02	7.02	48.91	Technology
€ Microsoft Corp	6.97	13.99	57.96	Technology
➔ Amazon.com Inc	3.44	17.43	80.88	Consumer Cyclical
• NVIDIA Corp	3.05	20.48	238.98	Technology
igodolog Alphabet Inc Class A	2.06	22.54	58.32	Communication Svc
€ Meta Platforms Inc Class A	1.96	24.50	194.13	Communication Svc
ightarrow Alphabet Inc Class C	1.75	26.25	58.83	Communication Svc
🕀 Tesla Inc	1.71	27.96	101.72	Consumer Cyclical
igodolog Berkshire Hathaway Inc Class B	1.62	29.58	15.46	Financial Services
∋ JPMorgan Chase & Co	1.23	30.81	29.87	Financial Services
€ Broadcom Inc	1.22	32.03	103.05	Technology
	1.21	33.24	0.68	Healthcare
$oldsymbol{eta}$ Eli Lilly and Co	1.16	34.40	60.57	Healthcare
$\ni$ Visa Inc Class A	1.03	35.43	26.21	Financial Services
∋ Exxon Mobil Corp	1.00	36.43	-6.02	Energy

# Total Holdings 508

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



Fund

28.24

2.20

11.02

12.50

2.52

50.64

8.58

3.89

8.36

29.81

21.13

6.11

12.67

2.35

Bmark

28.24

2.19

11.01

12 52

2.52

50.65

8.58

3.89

8.37

29.81

21.12

6.11

12.67

2.34

Asset Allocation as of 12-31-2023

Sector Weighting as of 12-31-2023

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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F

Utilities

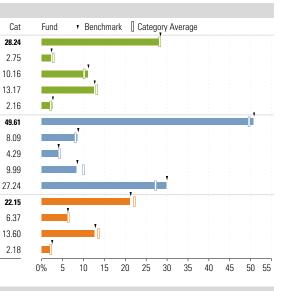
#### Asset Class Net % Cat% **US Stocks** 99.17 95.35 Non-US Stocks 0.56 2.42 Bonds 0.00 -0.53 Cash 0.27 1.50 0.00 Other 1.24 Total 100.00 100.00

Morningstar Index

S&P 500 TR USD

**Morningstar Category** 

📕 Large Blend





# 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 10.86 years.

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

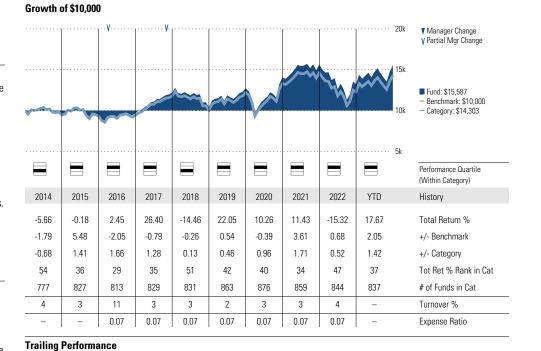
Net Expense: The fund's expense ratio of 0.07 is 91.95% lower than the Foreign Large Blend category average.

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



ROE

Geom Avg Mkt Cap \$B

**Morningstar Category** 

Foreign Large Blend



Fund Investment Category Median 3.92 Peer Group Median 3.43 2.94 Quartile Rank 2.45 1.96 1.47 0.98 0.49 Fund vs Fund vs Peer Group Category 8 43 Percentile 64/852 119/279 Rank

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

		5			
		0	Averag than 1	e annual, if grea vear	ter
10 year	Since Inception				
4.54	4.47		Fund	Return %	
3.83	4.78		Bencl	hmark Return	%
3.98	-		Cateç	gory Average	%
24	-		% Ra	nk in Catego	ry
467	-		# of F	unds in Cate	gory
3-Year Risk	Metrics				
			Fund	Bmark	Cat
Alpha			-	-	-
Beta			-	-	-
R-Squared			-	-	-
Standard Devia	tion	1	7.84	-	17.19
Sharpe Ratio			-	-	-
Tracking Error			-	-	-
Information Rat	tio		-	-	-
Up Capture Rat	io		-	-	-
Down Capture	Ratio		-	-	-
Portfolio M	etrics				
			Fund	Bmark	Cat
Price/Earnings	Ratio	1	3.69	13.68	13.39
Price/Book Rati	0		1.58	1.70	1.77

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45 04

17.63

56 58

20.30

31.81

16.62

Morningstar Index

MSCI ACWI Ex USA NR USD

**Total Return %** 

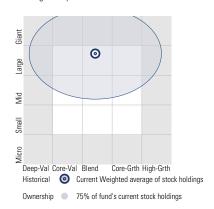
as of 12-31-2023

Benchmark Category

Fund

# Vanguard Developed Markets Index Admiral VTMGX

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





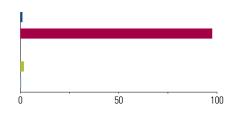


Weight %

<25

>50 25-50 10-25 0-10

# World Regions % Equity 12-31-2023



# Sector Weighting as of 12-31-2023

Asset Allocation as of 12-31-2023

		Fund	Bmark	Cat
Դ	Cyclical	41.06	41.95	38.88
æ.	Basic Materials	7.95	7.98	7.04
A	Consumer Cyclical	10.64	10.87	11.20
цф	Financial Services	19.03	20.90	18.89
ŵ	Real Estate	3.44	2.20	1.75
w	Sensitive	37.60	37.68	37.81
g	Communication Services	3.90	5.33	4.44
•	Energy	5.35	5.71	5.45
¢	Industrials	17.25	13.60	16.36
	Technology	11.10	13.04	11.56
-	Defensive	21.35	20.37	23.30
F	Consumer Defensive	7.68	7.87	9.01
٠	Healthcare	10.67	9.46	11.63
9	Utilities	3.00	3.04	2.66

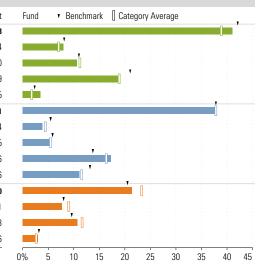
#### Asset Class Net % Cat% US Stocks 0.82 3.44 Non-US Stocks 97.42 94.60 Bonds 0.00 0.47 Cash 1.58 1.96 Other 0.19 -0.47 Total 100.00 100.00

Morningstar Index

MSCI ACWI Ex USA NR USD

**Morningstar Category** 

Foreign Large Blend



	Greater Asia	Fund % 36.03	Cat % 35.35	Americas	Fund % 10.38	Cat % 8.53	Greater Europe	Fund % 53.58	Cat % 56.11	Market Maturity	Fund %
	Japan	21.10	19.01	North America	10.35	7.24	United Kingdom	11.86	13.74	Developed Markets	99.41
	Australasia	6.99	4.85	Central/Latin	0.03	1.29	W euro-ex UK	40.76	41.43	Emerging Markets	0.59
	Asia-4 Tigers	7.76	6.48				Emrgng Europe	0.37	0.09	Not Available	0.00
	Asia-ex 4 Tigers	0.18	5.01				Africa	0.59	0.85		
	Not Classified	0.00	0.00								
j											

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

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Novo Nordisk A/S Class B	1.45	1.45	_	Healthcare
$\oplus$ Nestle SA	1.39	2.84	1.41	Consumer Defensive
$\oplus$ ASML Holding NV	1.33	4.18	-	Technology
$\oplus$ Samsung Electronics Co Ltd	1.29	5.46	-	Technology
⊖ Slcmt1142	1.16	6.62	-	-
🕀 Toyota Motor Corp	0.98	7.60	38.16	Consumer Cyclical
$\ominus$ Shell PLC	0.97	8.57	-	Energy
$\oplus$ Novartis AG Registered Shares	0.94	9.51	-	Healthcare
$\oplus$ Roche Holding AG	0.90	10.41	-	Healthcare
$\oplus$ Lvmh Moet Hennessy Louis Vuitton SE	0.90	11.31	_	Consumer Cyclical

🕀 Increase 👄 Decrease 🌣 New to Portfolio

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# Vanguard Inflation-Protected Secs Adm VAIPX

### Portfolio Manager(s)

John Madziyire since 11-2021

### Quantitative Screens

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

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

Style Consistency is not calculated for Fixed Income funds.

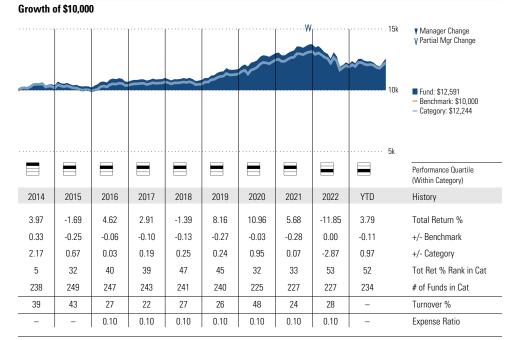
Net Expense: The fund's expense ratio of 0.1 is 83.87% lower than the Inflation-Protected Bond category average.

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

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



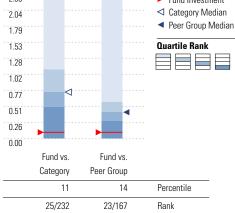
Metric	Rating	Updated
Sustainability Rating	3	11-30-2023



**Morningstar Category** 

Inflation-Protected Bond





152	-	# of Funds in Category				
3-Year Risk	Metrics					
		Fund	Bmark	Cat		
Alpha		-	-	-		
Beta		-	-	-		
R-Squared		-	-	-		
Standard Devia	ation	7.12	-	6.62		
Sharpe Ratio		-	-	-		
Tracking Error		-	-	-		
Information Ra	tio	-	-	-		
Up Capture Rat	tio	-	-	-		
Down Capture	Ratio	-	-	-		
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.

Avg Eff Maturity

Avg Eff Duration

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4 52

6 4 8

7.00

6.01

6.37

Morningstar Index Bloomberg US Treasury US TIPS TR

USD

# Vanguard Inflation-Protected Secs Adm VAIPX

# Style Analysis as of 12-31-2023



0 50 100

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

### Sector Weighting as of 12-31-2023

Asset Allocation as of 12-31-2023

Fund	Bmark	Cat
99.91	0.00	31.40
0.00	99.60	66.93
0.00	0.00	0.44
0.00	0.00	0.54
0.00	0.00	0.04
0.00	0.00	0.05
0.00	0.00	0.14
0.09	0.40	0.46
	99.91 0.00 0.00 0.00 0.00 0.00 0.00	99.91         0.00           0.00         99.60           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00           0.00         0.00

	Fund	Bmark	Cat	Fund • Benchmark [] Category Average
Government	99.62	-	90.21	
Treasury	2.21	-	0.25	
Inflation – Protected	97.41	-	84.48	
Agency/Quasi Agency	0.00	-	0.08	0
Other Government Related	0.00	-	5.40	
Corporate	0.00	-	1.15	0
Corporate Bond	0.00	-	1.10	
Bank Loan	0.00	-	0.04	0
Convertible	0.00	-	0.00	Ú
Preferred	0.00	_	0.01	
Securitized	0.00	-	3.65	
Agency MBS Pass-Through	0.00	-	1.35	10
Agency MBS ARM	0.00	-	0.00	0
Agency MBS CMO	0.00	-	0.25	
Non-Agency Residential MBS	0.00	-	0.09	0
Commercial MBS	0.00	-	0.17	D
Asset-Backed	0.00	-	1.62	
Covered Bond	0.00	_	0.17	0
Municipal	0.00	-	0.01	
Cash & Equivalents	0.38	-	4.88	
Other	0.00	-	0.12	

 $0\% \ 5 \ 10 \ 15 \ 20 \ 25 \ 30 \ 35 \ 40 \ 45 \ 50 \ 55 \ 60 \ 65 \ 70 \ 75 \ 80 \ 85 \ 90 \ 9{\color{red}{500}}$ 

#### Top 10 Holdings as of 12-31-2023 Name Maturity Date % Net Asset Cumulative % Fixed Income Sector 3.58 ⊕ United States Treasury Notes 3.58 \_ ⊖ United States Treasury Notes 3.52 7.10 \_ ⊖ United States Treasury Notes 3.38 10.49 \_ ⊖ United States Treasury Notes 3.23 13.71 16.93 ⊖ United States Treasury Notes 3.22 \_ ⊕ United States Treasury Notes 3.15 20.09 \_ \_ ⊖ United States Treasury Notes 3.09 23.18 \_ ⊖ United States Treasury Notes 3.08 26.26 \_ ⊖ United States Treasury Notes 3.02 29.28 \_ United States Treasury Notes 2.95 32.23 \_

### Total Holdings 57

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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Morningstar Category Inflation-Protected Bond

Morningstar Index Bloomberg US Treasury US TIPS TR USD

# Vanguard International Growth Adm VWILX

# Portfolio Manager(s)

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

# Quantitative Screens

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

Management: The fund's management has been in place for 14.02 years.

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

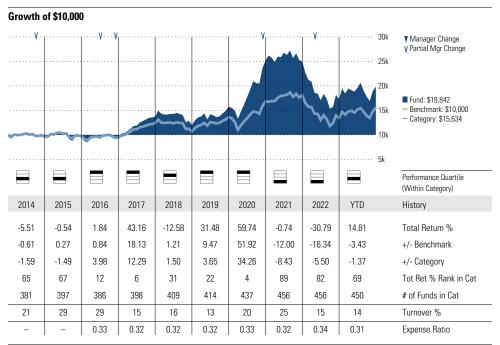
Net Expense: The fund's expense ratio of 0.31 is 69.61% lower than the Foreign Large Growth category average.

# **Morningstar Investment Management LLC Analysis**

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

# **ESG Metrics**

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



Alpha

Beta





3.31 Fund Investment Category Median 2.94 Peer Group Median 2.57 2.21 Quartile Rank 1.84 1.47 1.10 0.74 0.37 0.00 Fund vs Fund vs Peer Group Category Δ 8 Percentile 17/464 31/392 Rank

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

**Total Return %** 20% as of 12-31-2023 15 Fund Benchmark 10 Category 5 0 -5 -10 Average annual, if greater than 1 year Since Inception Fund Return % 7.46 8.40 Benchmark Return % Category Average % \_ % Rank in Category # of Funds in Category **3-Year Risk Metrics** Fund **Bmark** Cat R-Squared Standard Deviation 22 73 19.82 Sharpe Ratio Tracking Error

Information Ratio Up Capture Ratio Down Capture Ratio **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 20.42 13 79 21 19 Price/Book Ratio 3.26 1.72 3.30 Geom Avg Mkt Cap \$B 54 71 50.39 64.62 ROE 16.82 18.88 24.42

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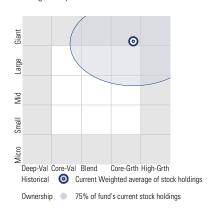


Morningstar Category Morningstar Index Foreign Large Growth

MSCI EAFE NR USD

# Vanguard International Growth Adm VWILX

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





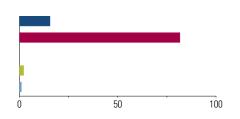


Weight %

<25

>50 25-50 10-25 0-10

# World Regions % Equity 12-31-2023



# Sector Weighting as of 12-31-2023

Asset Allocation as of 12-31-2023

		Fund	Bmark	Cat
Դ	Cyclical	33.48	39.87	35.43
<b>.</b> #.	Basic Materials	0.54	7.76	6.82
	Consumer Cyclical	22.81	10.94	13.60
ц.	Financial Services	10.13	18.52	14.69
ŵ	Real Estate	0.00	2.65	0.32
V <sup>ar</sup>	Sensitive	43.35	34.60	42.15
đ	Communication Services	7.52	4.06	3.13
0	Energy	1.84	4.44	3.61
¢	Industrials	13.90	16.69	17.97
	Technology	20.09	9.41	17.44
-	Defensive	23.16	25.54	22.41
E	Consumer Defensive	4.76	9.33	7.95
٠	Healthcare	17.65	12.97	13.84
9	Utilities	0.75	3.24	0.62
-				

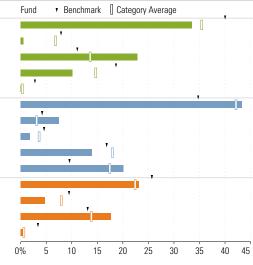
Total	100.00	100.00
Other	0.92	0.66
Cash	2.04	2.81
Bonds	0.00	0.00
Non-US Stocks	81.58	88.63
US Stocks	15.46	7.90
Asset Class	Net %	Cat%

**Morningstar Index** 

MSCI EAFE NR USD

**Morningstar Category** 

Foreign Large Growth



	Greater Asia	Fund % 29.19	Cat % 26.33	Americas	Fund % 23.74	Cat % 16.61	Greater Europe	Fund % 47.08	Cat % 57.07	Market Maturity	Fund %
	Japan	7.46	11.92	North America	16.83	14.13	United Kingdom	7.59	12.56	Developed Markets	79.91
	Australasia	0.94	1.56	Central/Latin	6.91	2.48	W euro-ex UK	38.02	44.00	Emerging Markets	20.09
	Asia-4 Tigers	7.60	5.60				Emrgng Europe	0.00	0.04	Not Available	0.00
	Asia-ex 4 Tigers	13.19	7.25				Africa	1.47	0.47		
	Not Classified	0.00	0.00								
>75											

Top 10 Holdings as of 12-31-2023

25-50

50-75

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

# Total Holdings 158

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

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# Vanguard International Value Inv VTRIX

Portfolio Manager(s)

Michael Bennett since 05-2010 Michael Fry since 05-2010 Steven Morrow since 08-2012 A. Rama Krishna since 12-2012 Arjun Kumar since 10-2020 Shirley Woo since 10-2020

# Quantitative Screens

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

*Management:* The fund's management has been in place for 13.6 years.

× Style: The fund has landed in its primary style box — Large Value - 33.33 % of the time over the past three years.

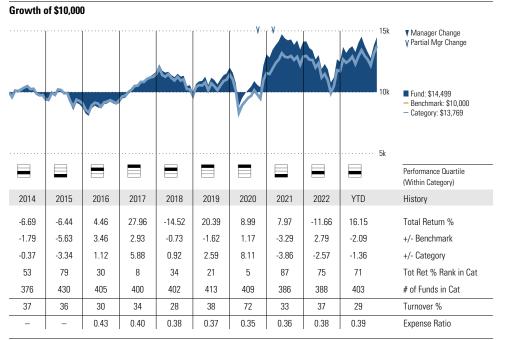
Net Expense: The fund's expense ratio of 0.38 is 60.82% lower than the Foreign Large Value category average.

# **Morningstar Investment Management LLC Analysis**

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

# **ESG Metrics**

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



# **Trailing Performance**



Fund Investment Category Median

Quartile Rank

Percentile

Rank

Peer Group Median

**Total Return %** as of 12-31-2023 Fund Benchmark Category

Average annual, if greater than 1 year

Fund Return %
Benchmark Return %
Category Average %
% Rank in Category

# of Funds in Category

# **3-Year Risk Metrics**

	Fund	Bmark	Cat
Alpha	-	-	_
Beta	-	-	-
R-Squared	-	-	-
Standard Deviation	17.31	-	17.29
Sharpe Ratio	-	-	-
Tracking Error	-	-	-
Information Ratio	-	-	-
Up Capture Ratio	-	-	-
Down Capture Ratio	-	-	-
Portfolio Metrics			
	Fund	Bmark	Cat

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

31/316 Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

10

Fund vs

Peer Group

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Fund vs

Category

32/416

8

4.03

3.58

3.13 2.69

2.24 1.79 1.34 0.90 0.45 0.00

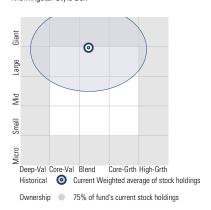


**Morningstar Category** Foreign Large Value

Morningstar Index MSCI EAFE NR USD

# Vanguard International Value Inv VTRIX

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





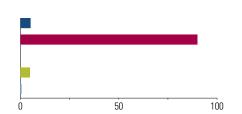


Weight %

<25

>50 25-50 10-25 0-10

# World Regions % Equity 12-31-2023



Asset Allocation as of 12-31-2023

Sector Weighting as of 12-31-2023

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 5.01 3.01 Non-US Stocks 89.90 95.44 Bonds 0.00 0.16 Cash 4.70 1.17 Other 0.40 0.21 Total 100.00 100.00

### Benchmark [] Category Average Cat Fund 42.87 8.76 10.76 Π 22 14 1.21 35.96 5.11 8.70 1 14.93 ٧. 7.22 21.17 8.08 9.28 3.81 0% 10 15 20 25 30 35 40 45 5

	Greater Asia	Fund % 37.96	Cat % 30.27	Americas	Fund % 11.72	Cat % 8.91	Greater Europe	Fund % 50.32	Cat % 60.81	Market Maturity	Fund %
	Japan	12.02	16.70	North America	7.44	7.81	United Kingdom	16.08	18.08	Developed Markets	81.26
	Australasia	0.59	3.52	Central/Latin	4.28	1.10	W euro-ex UK	33.98	41.85	Emerging Markets	18.74
	Asia-4 Tigers	11.16	7.30				Emrgng Europe	0.00	0.14	Not Available	0.00
	Asia-ex 4 Tigers	14.19	2.75				Africa	0.26	0.74		
	Not Classified	0.00	0.00								
,	•										

Bmark

39.87

7.76

10.94

18 52

2.65

34.60

4.06

4.44

16.69

9.41

25.54

9.33

12.97

3.24

Fund

43.43

10.46

15.97

16.17

0.83

40.07

4.86

6.71

18.01

10.49

16.49

6.14

8.37

1.98

Top 10 Holdings as of 12-31-2023

25-50

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

# Total Holdings 230

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

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Morningstar Category Morn

Foreign Large Value MSC

y Morningstar Index MSCI EAFE NR USD

# Vanguard Mid-Cap Value Index Admiral VMVAX

Portfolio Manager(s)

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

### Quantitative Screens

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

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

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

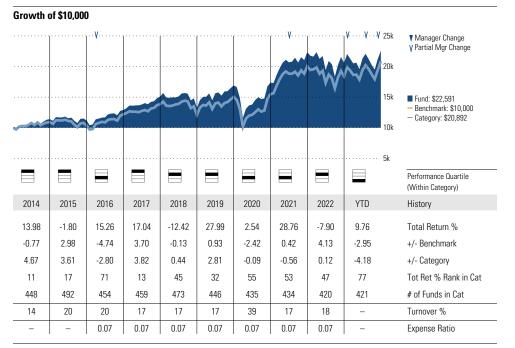
Net Expense: The fund's expense ratio of 0.07 is 92.78% lower than the Mid-Cap Value category average.

# **Morningstar Investment Management LLC Analysis**

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

# **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	11-30-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Morningstar Category

Mid-Cap Value



3.14 Fund Investment Category Median 2.79 Peer Group Median 2.44 2.09 Quartile Rank 1.74 1.40 1.05 0.70 0.35 Fund vs Fund vs Category Peer Group 3 6 Percentile 10/430 2/37 Rank

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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-	-	-
Beta	-	-	-
R-Squared	-	-	-
Standard Deviation	18.77	-	19.16
Sharpe Ratio	-	-	-
Tracking Error	-	-	-
Information Ratio	-	-	-
Up Capture Ratio	-	-	-
Down Capture Ratio	-	-	-
Portfolio Metrics			

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

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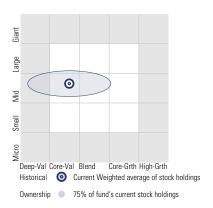


Morningstar Index

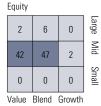
Russell Mid Cap Value TR USD

# Vanguard Mid-Cap Value Index Admiral VMVAX

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







Weight %

>50 25-50 10-25 0-10

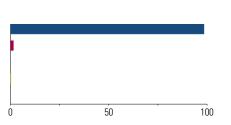
### Top 15 Holdings as of 12-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ PACCAR Inc	1.38	1.38	54.43	Industrials
igodolog Arthur J. Gallagher & Co	1.31	2.69	20.44	Financial Services
eq Carrier Global Corp Ordinary Shares	1.30	4.00	41.08	Industrials
$\ni$ PG&E Corp	1.24	5.24	10.95	Utilities
⊖ D.R. Horton Inc	1.16	6.40	71.67	Consumer Cyclical
⊖ Nucor Corp	1.16	7.56	33.61	Basic Materials
➔ ONEOK Inc	1.11	8.66	12.69	Energy
ightarrow Digital Realty Trust Inc	1.10	9.77	39.08	Real Estate
∋ Centene Corp	1.07	10.84	-9.51	Healthcare
$\ominus$ Ferguson PLC	1.06	11.90	54.45	Industrials
$\ominus$ United Rentals Inc	1.05	12.95	63.00	Industrials
$\ni$ Ameriprise Financial Inc	1.04	13.99	23.69	Financial Services
$\oplus$ Prudential Financial Inc	1.01	15.00	9.30	Financial Services
∋ Allstate Corp	0.99	15.99	5.86	Financial Services
$\oplus$ Otis Worldwide Corp Ordinary Shares	0.99	16.98	15.92	Industrials

# Total Holdings 202

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

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Fund

42.70

7.39

8.25

17.88

9.18

30.33

2.64

3.20

15.47

9.02

26.97

6.00

8.77

12.20

Bmark

42.89

6.09

10.38

15.63

10.79

39.58

3.56

5.35

18.53

12.14

17.52

3.46

6.96

7.10

Asset Allocation as of 12-31-2023

Sector Weighting as of 12-31-2023

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Energy

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Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Utilities** 

Consumer Defensive

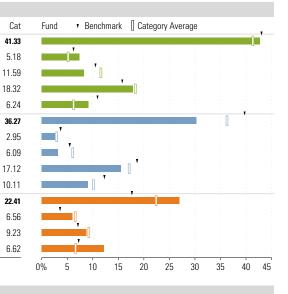
Total	100.00	100.00
Other	0.00	0.44
Cash	0.16	2.00
Bonds	0.00	0.01
Non-US Stocks	1.43	6.99
US Stocks	98.41	90.56
Asset Class	Net %	Cat%

Morningstar Index

Russell Mid Cap Value TR USD

Morningstar Category

Mid-Cap Value



# Vanguard Real Estate Index Admiral VGSLX

# Portfolio Manager(s)

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

# Quantitative Screens

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

Management: The fund's management has been in place for 27.65 years.

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

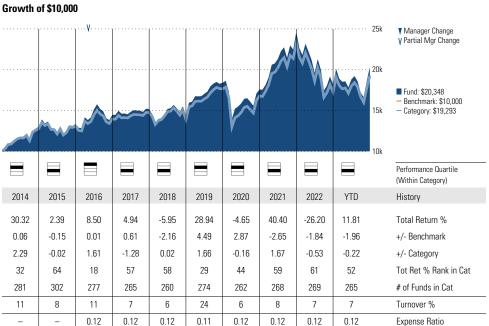
Net Expense: The fund's expense ratio of 0.12 is 88.79% lower than the Real Estate category average.

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

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

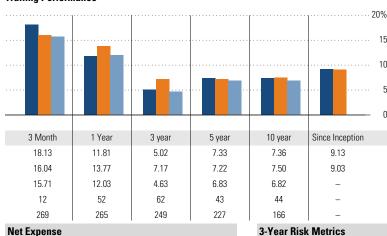
# **ESG Metrics**

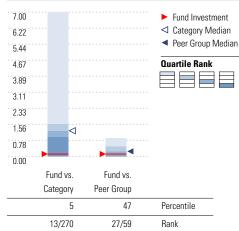
Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



**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.

			0 /	0					
44	-	% Rank in Category							
166	-	# of	# of Funds in Category						
3-Year Risk	Metrics								
		Fund	Bmark	Cat					
Alpha		-	-	-					
Beta		-	-	-					
R-Squared		-	-	-					
Standard Devia	ition	21.73	-	20.76					
Sharpe Ratio		-	-	-					
Tracking Error		-	-	-					
Information Rat	tio	-	-	-					
Up Capture Rat	io	-	-	-					
Down Capture	Ratio	-	-	-					
Portfolio M	etrics								

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

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Morningstar Index

S&P United States REIT TR USD

**Total Return %** 

as of 12-31-2023

Benchmark Category

Average annual, if greater than 1 year

Benchmark Return %

Category Average %

Fund Return %

Fund

15

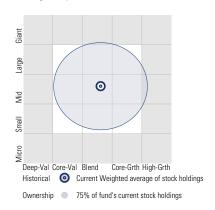
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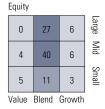


# Vanguard Real Estate Index Admiral VGSLX

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







Weight %

>50 25-50 10-25 0-10

# Top 15 Holdings as of 12-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Vanguard Real Estate II Index	13.19	13.19	_	_
igodot Prologis Inc	7.64	20.83	21.33	Real Estate
⊖ American Tower Corp	6.24	27.07	4.94	Real Estate
⊖ Equinix Inc	4.67	31.74	25.17	Real Estate
$\ominus$ Crown Castle Inc	3.10	34.84	-10.46	Real Estate
⊖ Public Storage	2.99	37.83	13.14	Real Estate
$igodoldsymbol{ ightarrow}$ Simon Property Group Inc	2.81	40.64	27.76	Real Estate
○ Welltower Inc	2.80	43.43	41.28	Real Estate
$\ominus$ Realty Income Corp	2.52	45.96	-4.65	Real Estate
$\ominus$ Digital Realty Trust Inc	2.40	48.36	39.08	Real Estate
⊖ CoStar Group Inc	2.21	50.57	13.08	Real Estate
igodot Extra Space Storage Inc	2.10	52.67	13.34	Real Estate
○ CBRE Group Inc Class A	1.79	54.46	20.96	Real Estate
$\ominus$ VICI Properties Inc Ordinary Shares	1.74	56.20	3.36	Real Estate
igodot SBA Communications Corp Class A	1.71	57.90	-8.28	Real Estate

## Total Holdings 165

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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Asset Allocation as of 12-31-2023

50

Other	0.00	10.07
0.1	0.00	10.87
Cash	0.92	0.92
Bonds	0.00	3.00
Non-US Stocks	0.02	0.87
US Stocks	99.06	84.34
Asset Class	Net %	Cat%

# Sector Weighting as of 12-31-2023

0

		Fund	Bmark	Cat	Fund	۲	Be	nchm	ark	] (	Cate	gory	Ave	erage	Э				
Դ	Cyclical	99.16	99.13	99.30														•	
æ.	Basic Materials	0.00	0.00	0.04	1														
	Consumer Cyclical	0.00	0.13	1.73															
<b>H</b>	Financial Services	0.00	0.00	0.27	Ó														
俞	Real Estate	99.16	99.00	97.26		÷												-	0
V*	Sensitive	0.84	0.87	0.64	[														
đ	Communication Services	0.84	0.00	0.18	0														
0	Energy	0.00	0.00	0.02															
Ф	Industrials	0.00	0.87	0.25	ľ														
	Technology	0.00	0.00	0.19															
-	Defensive	0.00	0.00	0.06															
	Consumer Defensive	0.00	0.00	0.00															
٠	Healthcare	0.00	0.00	0.01															
9	Utilities	0.00	0.00	0.05															
					00/ E 1		20	25 0		10	4 - 1				70	7	00.0		

100

Real Estate

Morningstar Index S&P United States REIT TR USD

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

# Vanguard Small Cap Growth Index Admiral VSGAX

# Portfolio Manager(s)

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

# Quantitative Screens

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

Management: The fund's management has been in place for 19.01 years.

Style: The fund has landed in its primary style box — Small Growth - 86.67 % of the time over the past three years.

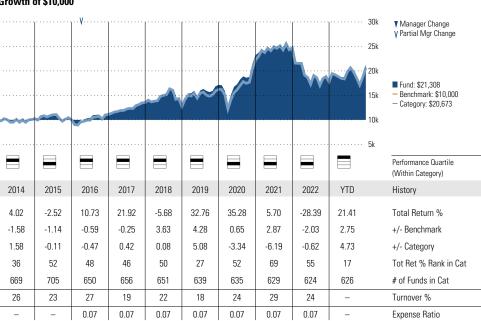
Net Expense: The fund's expense ratio of 0.07 is 93.97% lower than the Small Growth category average.

### Morningstar Investment Management LLC Analysis

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

# **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	11-30-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Morningstar Category

Small Growth





Alpha

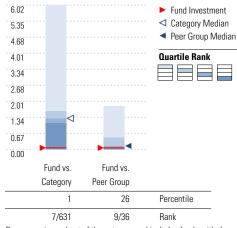
Beta

**R-Squared** 

Sharpe Ratio

Tracking Error

Up Capture Ratio



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

Average annual, if greater Benchmark Return % Category Average % % Rank in Category # of Funds in Category Cat Standard Deviation 21 73 21.94 Information Ratio Down Capture Ratio **Portfolio Metrics** Fund Bmark Cat

Price/Earnings Ratio	26.77	21.91	26.28
Price/Book Ratio	3.91	3.98	3.80
Geom Avg Mkt Cap \$B	6.54	3.00	5.97
ROE	9.50	9.00	15.98

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Morningstar Index

Russell 2000 Growth TR USD

Growth of \$10,000

# Vanguard Small Cap Growth Index Admiral VSGAX

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Energy

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Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

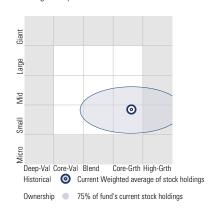
Technology

Defensive

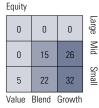
Healthcare

**Consumer Defensive** 

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







Weight %

>50 25-50 10-25 0-10

## Top 15 Holdings as of 12-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Slcmt1142	1.92	1.92	_	_
$\ni$ PTC Inc	0.85	2.77	45.75	Technology
igodolog Targa Resources Corp	0.83	3.60	20.71	Energy
$\ni$ Axon Enterprise Inc	0.79	4.39	55.69	Industrials
ightarrow Entegris Inc	0.77	5.17	83.29	Technology
igodolog Deckers Outdoor Corp	0.74	5.91	67.46	Consumer Cyclical
$\supset$ Vertiv Holdings Co Class A	0.71	6.62	251.79	Industrials
$oldsymbol{f D}$ DraftKings Inc Ordinary Shares - Class A	0.64	7.25	209.48	Consumer Cyclical
$\ni$ Graco Inc	0.63	7.89	30.39	Industrials
e Dynatrace Inc Ordinary Shares	0.62	8.51	42.79	Technology
Eunnox International Inc	0.62	9.12	88.89	Industrials
$\ni$ Nordson Corp	0.58	9.71	12.24	Industrials
ightarrow  Exact Sciences Corp	0.58	10.28	49.42	Healthcare
$\ni$ Watsco Inc Class A	0.57	10.86	75.73	Industrials
igodolog Manhattan Associates Inc	0.57	11.43	77.36	Technology

# Total Holdings 641

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

50

Fund

25.70

2.29

12.99

4.82

5.60

52.12

2.60

5.13

18.23

26.16

22.19

3.67

17.70

0.82

Bmark

21.96

4.57

10.05

5 65

1.69

49.40

1.90

4.46

18.20

24.84

28.63

4.87

22.18

1.58

Asset Allocation as of 12-31-2023

Sector Weighting as of 12-31-2023

Asset Class	Net %	Cat%
US Stocks	96.83	92.40
Non-US Stocks	0.96	4.37
Bonds	0.00	0.03
Cash	2.21	2.00
Other	0.00	1.19
Total	100.00	100.00

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

Morningstar Category

100

Cat

24.36

3.08

10.83

8 1 1

2.34

51.10

1.57

4.41

19.88

25.24

24.54

4.60

19.20

0.74

Morningstar Index

Russell 2000 Growth TR USD

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# 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 7.68 years.

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

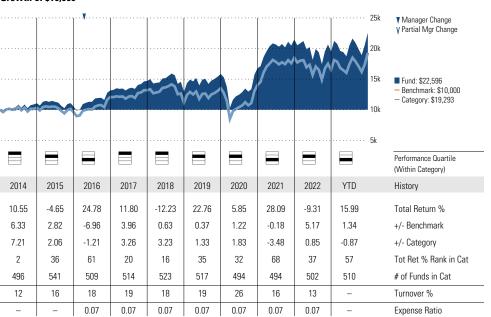
Net Expense: The fund's expense ratio of 0.07 is 93.75% lower than the Small Value category average.

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

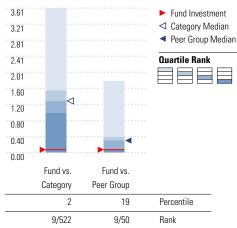


**Morningstar Category** 

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.

% Rank in Category # of Funds in Category **3-Year Risk Metrics** Fund **Bmark** Cat Alpha Beta **R-Squared** Standard Deviation 20.55 21 43 Sharpe Ratio Tracking Error Information Ratio Up Capture Ratio Down Capture Ratio **Portfolio Metrics** 

	Fund	Bmark	Cat
Price/Earnings Ratio	12.58	11.08	13.11
Price/Book Ratio	1.76	1.33	1.61
Geom Avg Mkt Cap \$B	5.62	2.06	4.28
ROE	13.57	6.04	13.93

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Morningstar Index

Russell 2000 Value TR USD

**Total Return %** 

as of 12-31-2023 Fund

Benchmark

Average annual, if greater than 1 year

Benchmark Return %

Category Average %

Fund Return %

Category

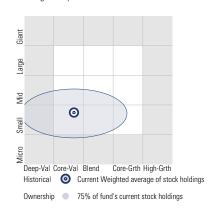
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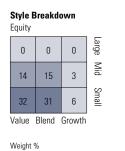
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# Vanguard Small Cap Value Index Admiral VSIAX

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





>50 25-50 10-25 0-10

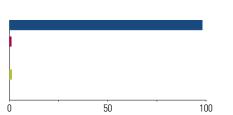
## Top 15 Holdings as of 12-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Slcmt1142	0.74	0.74	_	_
$\ni$ Builders FirstSource Inc	0.69	1.43	157.31	Industrials
igodolog Booz Allen Hamilton Holding Corp Class A	0.56	1.99	24.18	Industrials
∋ IDEX Corp	0.55	2.54	-3.81	Industrials
	0.55	3.08	3.76	Consumer Defensive
∋ Reliance Steel & Aluminum Co	0.54	3.62	40.13	Basic Materials
∋ Atmos Energy Corp	0.53	4.16	6.12	Utilities
∋ Jabil Inc	0.52	4.67	87.27	Technology
ightarrow Carlisle Companies Inc	0.51	5.18	33.94	Industrials
igoplus First Citizens BancShares Inc Class A	0.48	5.66	87.62	Financial Services
⇒ RPM International Inc	0.48	6.14	16.32	Basic Materials
ightarrow Kimco Realty Corp	0.44	6.59	5.43	Real Estate
$\ni$ Owens-Corning Inc	0.44	7.03	76.21	Industrials
∋ AECOM	0.42	7.45	9.68	Industrials
ightarrow Gaming and Leisure Properties Inc	0.42	7.87	0.79	Real Estate

# Total Holdings 858

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





Fund

50.27

6.11

13.96

19.88

10.32

35.57

2.44

4.74

20.77

7.62

14.16

4.09

6.23

3.84

Bmark

52.87

5.10

10.91

24 11

12.75

30.99

2.22

8.86

12.49

7.42

16.14

3.31

8.97

3.86

Asset Allocation as of 12-31-2023

Sector Weighting as of 12-31-2023

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

Consumer Defensive

€ Cyclical

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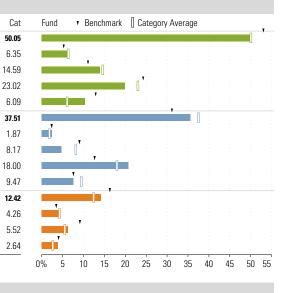
Energy

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F

Utilities

1.06 0.00	0.10 3.27 0.07
0.00	0.10
0.00	0.10
0.88	3.13
98.06	93.45
Net %	Cat%
	98.06 0.88



Morningstar Category Morningstar Index

Small Value

Russell 2000 Value TR USD