# American Funds 2010 Trgt Date Retire R6 RFTTX

Morningstar Category Target-Date 2000-2010 Morningstar Index Morningstar Lifetime Mod 2010 TR USD

#### Portfolio Manager(s)

Bradley Vogt since 01-2012 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

#### **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 11.01 years.
- Style: The fund has landed in its primary style box Large Value — 90 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.28 is 50% lower than the Target-Date 2000-2010 category average.

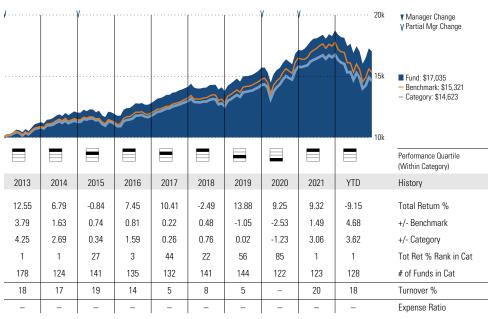
## **Morningstar Investment Management LLC Analysis**

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 Metrics**

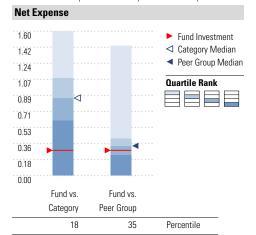
Metric	Rating	Updated
Sustainability Rating	2	01-31-2023

## Growth of \$10,000



#### **Trailing Performance**

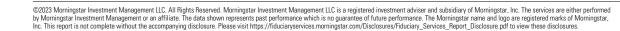




24/128	85/245	Rank				
Peer group is a subset of the category and includes funds with the						
same management style (active vs. passive) and similar share class						
characteristics						

3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	1.57	_	-0.37
Beta	0.88	_	0.89
R-Squared	96.93	_	96.78
Standard Deviation	9.40	10.48	9.48
Sharpe Ratio	0.24	0.09	0.03
Tracking Error	2.05	_	2.28
Information Ratio	0.73	_	-0.19
Up Capture Ratio	92.32	_	85.67
Down Capture Ratio	81.22	_	88.11

Portfolio Metrics									
	Fund	Bmark	Cat						
Price/Earnings Ratio	15.85	15.61	15.75						
Price/Book Ratio	2.81	2.32	2.47						
Avg Eff Duration	4.63	-	_						





# American Funds 2010 Trgt Date Retire R6 RFTTX

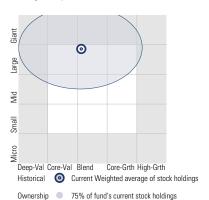
Quality High Mid Low

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

**Morningstar Index** Morningstar Lifetime Mod 2010 TR USD

# Style Analysis as of 12-31-2022

Morningstar Style Box™



# Style Breakdown

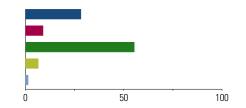
Weight %

Equity				rixeu ii	come	
26	41	18	Large			
6	8	1	Mid			
0	0	0	Small			
Value	Blend	Growth		Itd	Mod	Fxt

Duration

>50 25-50 10-25 0-10

## Asset Allocation as of 12-31-2022



Total	100.00	100.00
Other	1.28	2.84
Cash	6.42	6.15
Bonds	55.28	56.45
Non-US Stocks	8.87	12.73
US Stocks	28.15	21.82
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Func	<b>!</b> ▼	Benchma	ark 📙 C	ategory	Average		
<b>Ն</b>	Cyclical	29.99	39.79	34.76		-						
A.	Basic Materials	3.84	4.58	4.83								
<b>-</b>	Consumer Cyclical	6.65	10.75	10.51			0					
<u></u>	Financial Services	14.63	15.09	15.72								
ŧ	Real Estate	4.87	9.37	3.70			•					
M	Sensitive	36.17	36.00	39.74								
	Communication Services	5.27	4.90	6.06								
•	Energy	7.65	5.28	5.76								
<b>Ģ</b>	Industrials	10.76	11.38	10.98								
3	Technology	12.49	14.44	16.94				·				
<b>→</b>	Defensive	33.82	24.21	25.50								
	Consumer Defensive	11.52	7.20	7.39				_				
٠	Healthcare	16.22	13.62	14.41		: - :	:					
?	Utilities	6.08	3.39	3.70								

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
· talle	matanty bato	70 1100 110000	oumaida 70 70	TTD Hotain 70	.v.orgotar ocotor
American Funds Income Fund of Amer R6	_	15.98	15.98	-	_
⊕ American Funds Interm Bd Fd of Amer R6	-	10.19	26.18	-	-
⊕ American Funds Bond Fund of Amer R6	-	9.59	35.77	-	-
⊕ American Funds Inflation Linked Bd R6	-	7.39	43.16	-	-
American Funds American Balanced R6	-	6.99	50.15	-	-
⊕ American Funds ST Bd Fd of Amer R6	_	6.79	56.94	_	_
→ American Funds Capital Income Bldr R6	-	6.62	63.55	_	_
⊕ American Funds Mortgage R6	-	6.59	70.14	_	_
American Funds American Mutual R6	-	5.40	75.54	_	_
American Funds Washington Mutual R6	_	4.00	79.54	_	_

## Total Holdings 19



# American Funds 2015 Trgt Date Retire R6 RFJTX

**Morningstar Category** Target-Date 2015

Morningstar Index Morningstar Lifetime Mod 2015 TR USD

#### Portfolio Manager(s)

Bradley Vogt since 01-2012 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

#### **Quantitative Screens**

Performance: The fund has finished in the Target-Date 2015 category's top three quartiles in 9 of the 10 years it's been in existence.

Management: The fund's management has been in place for 11.01 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 0.3 is 50% lower than the Target-Date 2015 category average.

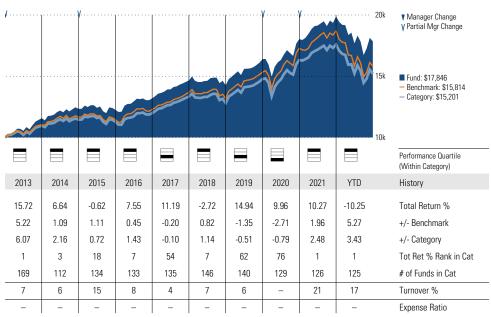
#### **Morningstar Investment Management LLC Analysis**

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	01-31-2023

# Growth of \$10,000



#### **Trailing Performance**



Net Exp	ense		
1.95			Fund Investment
1.73			Category Median
1.52			<ul> <li>Peer Group Median</li> </ul>
1.30			Quartile Rank
1.08			
0.87	··		·
0.65			
0.43		·····	
0.22			
0.00			
	Fund vs.	Fund vs.	
	Category	Peer Group	
	16	34	Percentile

	21/125	74/218	Rank			
Peer group is a subset of the category and includes funds with the						
same ma	nagement style	(active vs. passi	ve) and simila	r share class		
characto	rictice					

3- Tear hisk Wietrics			
	Fund	Bmark	Cat
Alpha	1.88	_	0.16
Beta	0.88	_	0.93
R-Squared	96.72	_	97.12
Standard Deviation	10.26	11.51	10.85
Sharpe Ratio	0.24	0.07	0.08
Tracking Error	2.34	_	2.11
Information Ratio	0.79	_	0.06
Up Capture Ratio	92.91	_	91.66
Down Capture Ratio	80.88	_	90.60

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	16.07	15.45	15.61
Price/Book Ratio	2.85	2.29	2.46
Avg Eff Duration	4.93	_	5.70



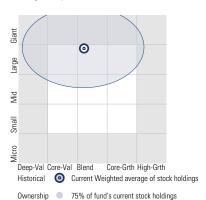
# American Funds 2015 Trgt Date Retire R6 RFJTX

**Morningstar Category** Target-Date 2015

**Morningstar Index** Morningstar Lifetime Mod 2015 TR USD

# Style Analysis as of 12-31-2022

Morningstar Style Box™



# 50 100

Asset Allocation as of 12-31-2022

Asset Class Net % Cat% US Stocks 24.54 29.81 Non-US Stocks 9.71 14.37 Bonds 52.95 51.08 Cash 6.25 4.90 Other 1.26 5.10 100.00 Total 100.00

Style	e Rre	akdo	wn
.,,.,		unuc	,,,,,,

Equity				rixea iii
24	40	20	Large	
5	8	2	Mid	
0	0	0	Small	
Value	Blend	Growth		Itd



Weight %

>50 25-50 10-25 0-10

		Fund	Bmark	Cat	Fund ▼ Benchmark   ☐ Category Average
l.	Cyclical	29.71	39.90	34.93	
_	-				
<b>.</b> .	Basic Materials	3.98	4.67	4.92	
<b>A</b>	Consumer Cyclical	7.00	10.80	10.67	
<del>,</del>	Financial Services	14.50	15.22	15.85	
t t	Real Estate	4.23	9.21	3.49	
M	Sensitive	37.08	36.02	40.02	
₫	Communication Services	5.42	4.89	6.06	
0	Energy	7.40	5.29	5.80	
Ċ.	Industrials	10.93	11.47	10.98	
	Technology	13.33	14.37	17.18	
<b>→</b>	Defensive	33.20	24.09	25.04	
=	Consumer Defensive	10.95	7.20	7.21	
٠	Healthcare	16.55	13.51	14.24	
Ţ	Utilities	5.70	3.38	3.59	

<b>Top 10 Holdings</b> as of 12-31-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	_	12.62	12.62	_	_
⊕ American Funds Bond Fund of Amer R6	_	8.58	21.20	_	_
⊕ American Funds Inflation Linked Bd R6	_	7.85	29.05	_	_
American Funds Interm Bd Fd of Amer R6	-	7.67	36.72	_	_
American Funds American Balanced R6	-	7.42	44.15	_	-
American Funds Mortgage R6	_	6.03	50.17	_	_
	_	6.02	56.20	_	_
	_	6.01	62.21	_	_
	-	5.01	67.21	_	-
<ul> <li>American Funds Washington Mutual R6</li> </ul>	_	4.41	71.62	_	_

## Total Holdings 22



# American Funds 2020 Trgt Date Retire R6 RRCTX

3

4

8

5

Morningstar Category
Target-Date 2020

Morningstar Index Morningstar Lifetime Mod 2020 TR USD

#### Portfolio Manager(s)

Bradley Vogt since 01-2012 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

#### **Quantitative Screens**

- Performance: The fund has finished in the Target-Date 2020 category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 11.01 years.
- Net Expense: The fund's expense ratio of 0.3 is 48.28% 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	01-31-2023





2

13

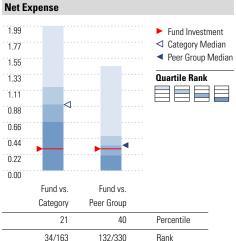
20

15

Turnover %

Expense Ratio

2



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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	2.08	_	0.27
Beta	0.84	_	0.91
R-Squared	97.32	_	96.66
Standard Deviation	10.77	12.59	11.69
Sharpe Ratio	0.25	0.07	0.08
Tracking Error	2.64	_	2.49
Information Ratio	0.78	_	0.13
Up Capture Ratio	90.03	_	90.94
Down Capture Ratio	77.73	_	89.35

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	16.33	15.30	15.60
Price/Book Ratio	2.91	2.27	2.39
Avg Eff Duration	5.18	-	5.80





# American Funds 2020 Trgt Date Retire R6 RRCTX

Quality

High

Mid

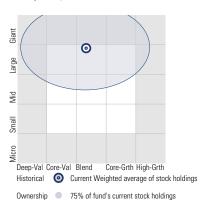
Low

**Morningstar Category** Target-Date 2020

Morningstar Index Morningstar Lifetime Mod 2020 TR USD

# Style Analysis as of 12-31-2022

Morningstar Style Box™



Fixed Income

Ltd

Mod Duration

# Style Breakdown

Equity 39 23

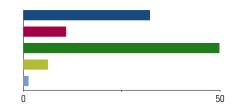


Value Blend Growth



>50 25-50 10-25 0-10

## Asset Allocation as of 12-31-2022



Total	100.00	100.00
Other	1.22	8.16
Cash	6.13	3.07
Bonds	49.78	48.18
Non-US Stocks	10.78	14.30
US Stocks	32.11	26.29
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-3	31-2022			
		Fund	Bmark	Cat	Fund Fenchmark Category Average
<u></u>	Cyclical	29.59	39.89	36.48	
Å.	Basic Materials	3.95	4.78	4.61	
A	Consumer Cyclical	7.54	10.85	10.59	
æ	Financial Services	14.36	15.37	15.67	
俞	Real Estate	3.74	8.89	5.61	
W	Sensitive	37.78	36.08	40.26	
d	Communication Services	5.65	4.91	6.15	
•	Energy	7.05	5.29	5.33	
Ф	Industrials	10.88	11.56	10.74	
	Technology	14.20	14.32	18.04	
<b>→</b>	Defensive	32.62	24.01	23.25	
Ħ	Consumer Defensive	10.46	7.20	6.90	
٠	Healthcare	16.95	13.43	13.28	
•	Utilities	5.21	3.38	3.07	
					0% 5 10 15 20 25 30 35 40 4

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
· · · · · · · · · · · · · · · · · · ·	matanty bato	70 11017 10001	oumaidate 75	TTD Hotain 70	Worming order occurs
American Funds Income Fund of Amer R6	_	10.45	10.45	-	_
American Funds American Balanced R6	-	8.05	18.49	-	-
⊕ American Funds Bond Fund of Amer R6	-	7.97	26.46	-	-
€ American Funds Inflation Linked Bd R6	-	7.84	34.30	-	-
American Funds American Mutual R6	_	6.01	40.31	-	-
Ð American Funds Mortgage R6	_	5.96	46.28	_	_
American Funds Interm Bd Fd of Amer R6	-	5.90	52.18	_	_
American Funds Capital Income Bldr R6	-	5.65	57.83	_	_
American Funds Capital World Gr&Inc R6	-	5.42	63.24	_	_
American Funds Washington Mutual R6	_	5.02	68.26	_	_

## Total Holdings 22



# American Funds 2025 Trgt Date Retire R6 RFDTX

**Morningstar Category** Target-Date 2025

Morningstar Index Morningstar Lifetime Mod 2025 TR USD

#### Portfolio Manager(s)

Bradley Vogt since 01-2012 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

#### **Quantitative Screens**

- Performance: The fund has finished in the Target-Date 2025 category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 11.01 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 50% lower than the Target-Date 2025 category average.

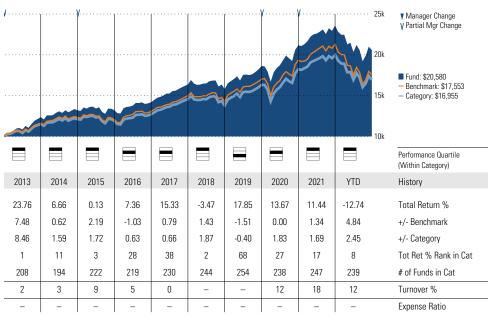
## **Morningstar Investment Management LLC Analysis**

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**

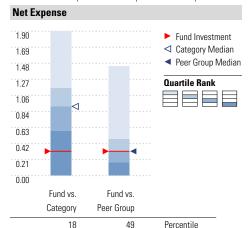
Metric	Rating	Updated
Sustainability Rating	2	01-31-2023
Carbon Risk Score	Low Risk	06-30-2022

# Growth of \$10,000



#### **Trailing Performance**





	43/234	241/493	Rank					
Peer grou	ρ is a subset o	f the category an	d includes fun	ds with the				
Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class								
characteri	etice							

3-Year RISK Wetrics			
	Fund	Bmark	Cat
Alpha	2.35	_	0.42
Beta	0.87	_	0.91
R-Squared	97.97	-	97.41
Standard Deviation	12.08	13.79	12.71
Sharpe Ratio	0.26	0.08	0.10
Tracking Error	2.51	_	2.57
Information Ratio	0.94	_	0.20
Up Capture Ratio	95.01	_	92.41
Down Capture Ratio	82.40	-	90.14

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	16.76	15.14	15.55
Price/Book Ratio	2.98	2.24	2.39
Avg Eff Duration	5.24	-	_



# American Funds 2025 Trgt Date Retire R6 RFDTX

Quality High

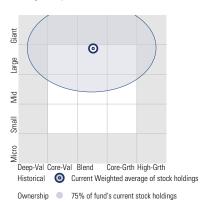
Μid Low

#### **Morningstar Category** Target-Date 2025

**Morningstar Index** Morningstar Lifetime Mod 2025 TR USD

# Style Analysis as of 12-31-2022

Morningstar Style Box™



Fixed Income

Ltd

Duration

Mod

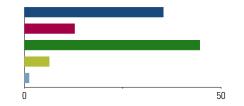
# Style Breakdown

Equity

-quit,			
20	37	25	Large
5	8	4	Mid
0	1	1	Small
Value	Dland	Croudh	

Value Blend Growth

Weight % >50 25-50 10-25 0-10 Asset Allocation as of 12-31-2022



Asset Class Net % Cat% US Stocks 35.30 29.29 Non-US Stocks 12.72 15.36 Bonds 44.57 41.59 Cash 6.26 3.29 Other 1.13 10.46 100.00 100.00 Total

		Fund	Bmark	Cat	Fund		Bench	mark	Cate	ory Ave	erage		
<b>Ն</b>	Cyclical	29.92	39.82	36.05								-	
ů.	Basic Materials	3.96	4.87	4.53		<b>=</b> [							
4	Consumer Cyclical	9.02	10.90	10.42			<b>=</b> [						
<b>,</b>	Financial Services	13.98	15.51	15.57									
ŧ	Real Estate	2.96	8.54	5.53			•						
M	Sensitive	38.77	36.22	40.28									
	Communication Services	6.07	4.95	6.20									
	Energy	6.38	5.31	5.32									
<b>Ģ</b>	Industrials	10.92	11.67	10.67									
1	Technology	15.40	14.29	18.09									
<b>→</b>	Defensive	31.30	23.96	23.66									
	Consumer Defensive	9.50	7.22	7.04									
٠	Healthcare	17.34	13.35	13.42			1						
•	Utilities	4.46	3.39	3.20									

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Secto
American Funds American Balanced R6	_	8.04	8.04	_	_
American Funds Bond Fund of Amer R6	_	7.49	15.53	_	_
American Funds Inflation Linked Bd R6	_	7.09	22.62	_	_
American Funds Capital World Gr&Inc R6	_	6.46	29.08	_	_
American Funds American Mutual R6	-	6.46	35.54	_	-
American Funds Income Fund of Amer R6	_	6.42	41.96	_	_
American Funds Interm Bd Fd of Amer R6	_	5.48	47.44	_	_
American Funds Mortgage R6	-	5.48	52.91	-	_
American Funds Washington Mutual R6	-	5.06	57.97	-	_
American Funds US Government Sec R6	_	4.88	62.85	_	_

## Total Holdings 25



# American Funds 2030 Trgt Date Retire R6 RFETX

Growth of \$10,000

7

222

2

237

2

2

251

6

38

241

3

12

252

2

258

Morningstar Category Target-Date 2030 Morningstar Index Morningstar Lifetime Mod 2030 TR USD

Tot Ret % Rank in Cat

# of Funds in Cat

Turnover %

Expense Ratio

#### Portfolio Manager(s)

Bradley Vogt since 01-2012 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

#### **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 11.01 years.
- Net Expense: The fund's expense ratio of 0.33 is 49.23% 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	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022

#### ▼ Manager Change V Partial Mgr Change Fund: \$22.094 Benchmark: \$18,781 Category: \$17,881 Performance Quartile (Within Category) 2013 2014 2015 2016 2017 2018 2019 2020 2021 YTD History 25.64 7.06 0.47 7.71 18.40 -4.16 20.06 15.16 13.16 -14.50 Total Return % 6.00 1.05 2.77 1.81 1.66 -1.18 1.47 1.47 3 44 -1.55 +/- Benchmark 2.02 0.38 1.83 2.09 2.17 1.48 8.99 2.26 -0.01 1.51 +/- Category

60

262

17

247

8

16

249

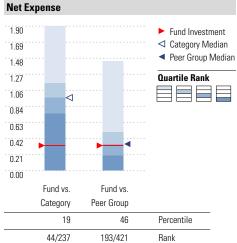
21

19

241

9





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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	2.27	_	0.68
Beta	0.90	_	0.94
R-Squared	98.51	_	98.23
Standard Deviation	13.86	15.26	14.47
Sharpe Ratio	0.27	0.11	0.15
Tracking Error	2.26	_	2.29
Information Ratio	1.01	_	0.32
Up Capture Ratio	98.46	_	96.78
Down Capture Ratio	87.50	-	93.56

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.12	14.98	15.88
Price/Book Ratio	3.06	2.21	2.49
Avg Eff Duration	5.35	_	-

M RNINGSTAR



# American Funds 2030 Trgt Date Retire R6 RFETX

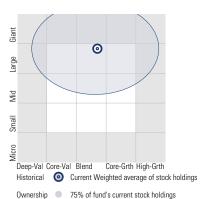
Quality

**Morningstar Category** Target-Date 2030

**Morningstar Index** Morningstar Lifetime Mod 2030 TR USD

# Style Analysis as of 12-31-2022

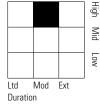
Morningstar Style Box™



# Style Breakdown

Lquity			
18	34	27	Large
4	8	5	Mid
1	1	1	Small

Value Blend Growth

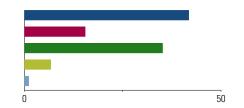


Fixed Income

Weight %

>50 25-50 10-25 0-10

## Asset Allocation as of 12-31-2022



Total	100.00	100.00
Other	1.04	12.02
Cash	6.65	2.53
Bonds	35.11	31.05
Non-US Stocks	15.41	17.80
US Stocks	41.77	36.59
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	٠,	Bench	mark	Categ	ιοη, Λνο	rano			
ղ.	A !! !				Tunt	. '	Dentin	IIIdik	ll Garer	JULY AVE	aye	П		
_	Cyclical	30.37	39.72	35.05		Ţ						Ш		
æ.	Basic Materials	3.97	4.97	4.44										
A	Consumer Cyclical	10.50	10.99	10.75										
<del>,</del>	Financial Services	13.49	15.68	15.72				<b>■</b> [j						
<b>fi</b>	Real Estate	2.41	8.08	4.14			<b>*</b>							
₩.	Sensitive	39.59	36.34	40.98										
	Communication Services	6.39	4.97	6.27										
ð	Energy	5.86	5.33	5.25										
Ф	Industrials	11.02	11.78	10.87										
	Technology	16.32	14.26	18.59						_ :				
<b>→</b>	Defensive	30.04	23.94	23.97										
	Consumer Defensive	8.71	7.26	7.01										
+	Healthcare	17.46	13.29	13.85		_ :	1							
•	Utilities	3.87	3.39	3.11		()								
					0%	5	10	15	20	25	30	35	40	45

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
American Funds American Balanced R6		7.93	7.93		
	_			_	_
American Funds Capital World Gr&Inc R6	_	7.07	15.00	_	_
🕀 American Funds American Mutual R6	_	7.06	22.07	_	_
	_	5.85	27.92	-	_
⊕ American Funds Inflation Linked Bd R6	-	5.55	33.47	-	-
⊕ American Funds Washington Mutual R6	_	5.07	38.54	_	_
Đ American Funds Global Balanced R6	_	5.03	43.57	_	_
⊕ American Funds US Government Sec R6	_	4.96	48.54	_	_
Ð American Funds Mortgage R6	-	4.96	53.50	_	_
American Funds Growth Fund of Amer R6	_	4.64	58.14	_	_

## Total Holdings 24



# American Funds 2035 Trgt Date Retire R6 RFFTX

**Morningstar Category** Target-Date 2035

Morningstar Index Morningstar Lifetime Mod 2035 TR USD

#### Portfolio Manager(s)

Bradley Vogt since 01-2012 Wesley Phoa since 01-2012 Michelle Black since 01-2020 Samir Mathur since 01-2020 David Hoag since 01-2020 Shannon Ward since 01-2021 Jessica Spaly since 01-2023

#### **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 11.01 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 46.97% lower than the Target-Date 2035 category average.

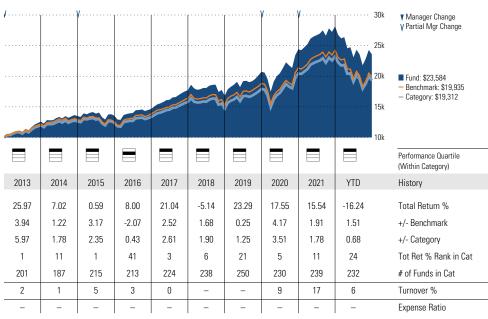
## **Morningstar Investment Management LLC Analysis**

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.

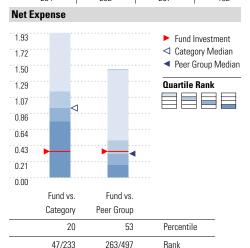
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022

# Growth of \$10,000







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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	2.40	_	0.75
Beta	0.95	_	0.96
R-Squared	98.82	_	98.60
Standard Deviation	16.21	16.88	16.36
Sharpe Ratio	0.29	0.15	0.19
Tracking Error	1.92	_	2.15
Information Ratio	1.27	_	0.38
Up Capture Ratio	103.37	_	99.09
Down Capture Ratio	93.07	_	95.91

Portfolio Metrics							
	Fund	Bmark	Cat				
Price/Earnings Ratio	17.34	14.82	15.66				
Price/Book Ratio	3.10	2.18	2.41				
Avg Eff Duration	5.36	_	_				



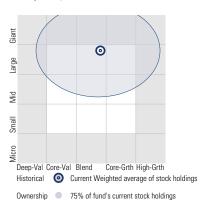
# American Funds 2035 Trgt Date Retire R6 RFFTX

**Morningstar Category** Target-Date 2035

**Morningstar Index** Morningstar Lifetime Mod 2035 TR USD

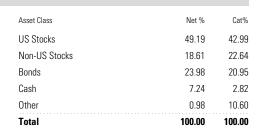
# Style Analysis as of 12-31-2022

Morningstar Style Box™



# 50

Asset Allocation as of 12-31-2022



## Style Breakdown

Equity				rixec
17	33	28	Large	
4	8	6	Mid	
1	1	2	Small	
Value	Blend	Growth		Ltd



Weight %

>50 25-50 10-25 0-10

		Fund	Bmark	Cat
,	Cyclical	30.56	39.62	35.28
	Basic Materials	3.98	5.09	4.53
	Consumer Cyclical	11.21	11.07	10.72
	Financial Services	13.22	15.85	15.69
ì	Real Estate	2.15	7.61	4.34
Ħ	Sensitive	40.09	36.48	40.73
	Communication Services	6.48	5.00	6.28
)	Energy	5.56	5.34	5.25
	Industrials	11.04	11.89	10.82
ļ	Technology	17.01	14.25	18.38
•	Defensive	29.34	23.90	24.00
Ţ	Consumer Defensive	8.29	7.28	7.02
•	Healthcare	17.54	13.23	13.79
2	Utilities	3.51	3.39	3.19

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
_					
⊕ American Funds American Balanced R6	_	7.93	7.93	_	_
→ American Funds Capital World Gr&Inc R6	_	7.03	14.96	_	_
⊕ American Funds American Mutual R6	_	7.03	21.99	_	_
⊕ American Funds Fundamental Invs R6	-	6.43	28.42	_	_
⊕ American Funds Growth Fund of Amer R6	-	6.22	34.63	-	-
⊕ American Funds AMCAP R6	_	6.22	40.85	_	_
⊕ American Funds Washington Mutual R6	_	5.43	46.28	_	_
⊕ American Funds US Government Sec R6	_	5.03	51.30	_	_
⊕ American Funds Global Balanced R6	_	4.99	56.29	_	_
American Funds SMALLCAP World R6	_	4.79	61.08	_	_

## Total Holdings 25



# American Funds 2040 Trgt Date Retire R6 RFGTX

Morningstar Category Target-Date 2040 Morningstar Index Morningstar Lifetime Mod 2040 TR USD

▼ Manager Change

V Partial Mgr Change

#### Portfolio Manager(s)

Bradley Vogt since 01-2012 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

#### **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 11.01 years.
- Net Expense: The fund's expense ratio of 0.36 is 46.27% 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.

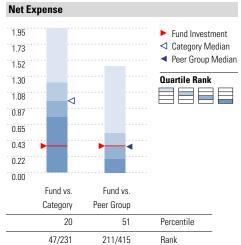
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022

# Growth of \$10,000



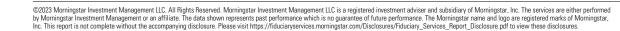
#### **Trailing Performance Total Return %** as of 12-31-2022 Fund Benchmark Category -5 -10 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 yea 5 year 8.82 -17.554.59 6.10 9.23 9.92 Fund Return % 9.50 -17.37 2.54 4.36 7.55 6.86 Benchmark Return % 8 24 -17.32 7 51 3 12 4.55 Category Average % 23 43 % Rank in Category 236 208 185 110 # of Funds in Category



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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	2.04	_	0.66
Beta	0.96	_	0.97
R-Squared	98.66	_	98.66
Standard Deviation	17.62	18.32	17.80
Sharpe Ratio	0.29	0.18	0.21
Tracking Error	2.20	_	2.24
Information Ratio	0.93	_	0.32
Up Capture Ratio	102.48	_	99.40
Down Capture Ratio	94.51	-	96.89

Portfolio Metrics							
	Fund	Bmark	Cat				
Price/Earnings Ratio	17.57	14.67	15.50				
Price/Book Ratio	3.15	2.15	2.39				
Avg Eff Duration	5.63	-	-				





# American Funds 2040 Trgt Date Retire R6 RFGTX

Quality High Mid Low

**Morningstar Category** Target-Date 2040

**Morningstar Index** Morningstar Lifetime Mod 2040 TR USD

# Style Analysis as of 12-31-2022

Morningstar Style Box™



# Style Breakdown

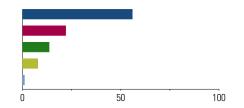
Equity				rixeu i	ncome	
16	32	29	Large			
4	8	7	Mid			
1	2	2	Small			
Value	Blend	Growth		l td	Mod	Fxt

Duration

>50 25-50 10-25 0-10

Weight %

## Asset Allocation as of 12-31-2022



Total	100.00	100.00
Other	0.96	9.88
Cash	7.75	1.88
Bonds	13.50	13.20
Non-US Stocks	21.93	26.05
US Stocks	55.85	48.99
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund		Bench	mark	Categ	jory Ave	rage	_	
b	Cyclical	30.76	39.59	35.67								- 1	
	Basic Materials	4.05	5.18	4.55		<b>[</b> ]							
<b>P</b>	Consumer Cyclical	11.67	11.13	10.69									
ê	Financial Services	13.08	16.00	15.83			-						
b	Real Estate	1.96	7.28	4.60			'						
NF	Sensitive	40.39	36.57	40.74									
	Communication Services	6.47	5.03	6.21									
•	Energy	5.34	5.35	5.32									
þ	Industrials	10.99	11.97	10.92									
1	Technology	17.59	14.22	18.29				-	1				
+	Defensive	28.86	23.84	23.59									
Ę	Consumer Defensive	7.85	7.30	7.00			i						
ř	Healthcare	17.78	13.14	13.53					•				
2	Utilities	3.23	3.40	3.06		]							

<b>Top 10 Holdings</b> as of 12-31-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds American Balanced R6	_	8.00	8.00	_	_
→ American Funds Capital World Gr&Inc R6	_	7.42	15.41	_	_
⊕ American Funds Fundamental Invs R6	_	7.42	22.83	_	_
⊕ American Funds American Mutual R6	_	7.00	29.83	_	_
⊕ American Funds Growth Fund of Amer R6	-	6.98	36.82	-	-
⊕ American Funds AMCAP R6	_	6.98	43.79	_	_
⊕ American Funds New Perspective R6	_	6.96	50.76	_	_
⊕ American Funds Washington Mutual R6	_	6.42	57.17	_	_
⊕ American Funds SMALLCAP World R6	-	6.37	63.54	_	_
⊕ American Funds Global Balanced R6	_	5.01	68.55	_	_

## Total Holdings 22



# American Funds 2045 Trgt Date Retire R6 RFHTX

**Morningstar Category** Target-Date 2045

Morningstar Index Morningstar Lifetime Mod 2045 TR USD

#### Portfolio Manager(s)

Bradley Vogt since 01-2012 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

#### **Quantitative Screens**

- Performance: The fund has finished in the Target-Date 2045 category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 11.01 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 44.78% lower than the Target-Date 2045 category average.

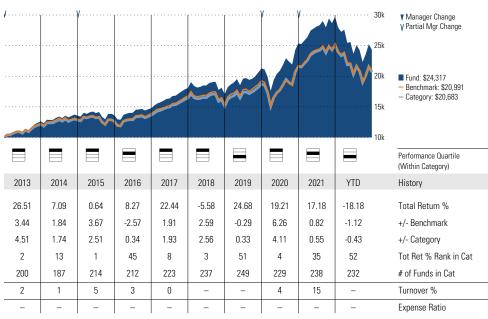
## **Morningstar Investment Management LLC Analysis**

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	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022

# Growth of \$10,000



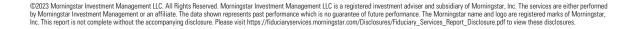


			1
<b>Net Expe</b>	ense		
1.94			► Fund Investment
1.72			Category Median
1.51			◆ Peer Group Median
1.29			Quartile Rank
1.08			
0.86			
0.65			
0.43			
0.22			
0.00			
1	Fund vs.	Fund vs.	
C	Category	Peer Group	
	21	56	Percentile
	47/227	272/486	Rank

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	1.68	_	0.60
Beta	0.93	_	0.97
R-Squared	98.30	_	98.58
Standard Deviation	18.05	19.22	18.72
Sharpe Ratio	0.29	0.20	0.23
Tracking Error	2.70	_	2.33
Information Ratio	0.61	_	0.27
Up Capture Ratio	99.47	_	99.79
Down Capture Ratio	93.26	_	97.67

Portfolio Metrics								
	Fund	Bmark	Cat					
Price/Earnings Ratio	17.67	14.54	15.52					
Price/Book Ratio	3.19	2.13	2.38					
Avg Eff Duration	6.00	-	-					





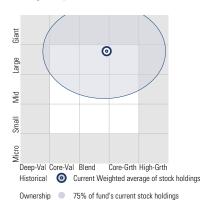
# American Funds 2045 Trgt Date Retire R6 RFHTX

#### **Morningstar Category** Target-Date 2045

**Morningstar Index** Morningstar Lifetime Mod 2045 TR USD

# Style Analysis as of 12-31-2022

Morningstar Style Box™



## Style Breakdown

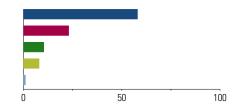
Lquity				I IAGU II
16	32	30	Large	
4	8	7	Mid	
1	2	2	Small	
Value	Rlend	Growth		Ltd

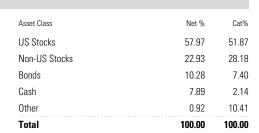
Value Blend Growth



Weight % >50 25-50 10-25 0-10

# Asset Allocation as of 12-31-2022





Sec	ctor Weighting as of 12-3	31-2022			
		Fund	Bmark	Cat	Fund • Benchmark   Category Average
Դ	Cyclical	30.75	39.68	35.58	
A	Basic Materials	4.12	5.28	4.57	
A	Consumer Cyclical	11.77	11.16	10.77	
ı <b>ş</b>	Financial Services	13.02	16.12	15.74	
俞	Real Estate	1.84	7.12	4.50	
W	Sensitive	40.54	36.58	40.60	
	Communication Services	6.39	5.05	6.24	
•	Energy	5.29	5.35	5.25	
₽	Industrials	11.14	12.02	10.90	
	Technology	17.72	14.16	18.21	, , , , , , , , , , , , , , , , , , ,
<b>-</b>	Defensive	28.68	23.73	23.82	
Ħ	Consumer Defensive	7.62	7.31	7.02	
٠	Healthcare	17.93	13.02	13.68	
•	Utilities	3.13	3.40	3.12	
					0% 5 10 15 20 25 30 35 40 45

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds New Perspective R6	_	7.80	7.80	_	_
⊕ American Funds Washington Mutual R6	-	7.75	15.55	_	_
⊕ American Funds Capital World Gr&Inc R6	_	7.74	23.29	_	-
⊕ American Funds Fundamental Invs R6	_	7.70	30.99	_	-
◆ American Funds American Balanced R6	-	7.60	38.59	_	_
American Funds SMALLCAP World R6	_	7.40	46.00	_	_
⊕ American Funds American Mutual R6	_	7.35	53.35	_	_
⊕ American Funds Growth Fund of Amer R6	_	7.00	60.35	_	_
⊕ American Funds AMCAP R6	-	7.00	67.35	_	_
⊕ American Funds US Government Sec R6	_	5.00	72.36	_	_

## Total Holdings 19



# American Funds 2050 Trgt Date Retire R6 RFITX

Morningstar Category Target-Date 2050 Morningstar Index Morningstar Lifetime Mod 2050 TR USD

#### Portfolio Manager(s)

Bradley Vogt since 01-2012 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

#### **Quantitative Screens**

- Performance: The fund has finished in the Target-Date 2050 category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 11.01 years.
- Net Expense: The fund's expense ratio of 0.38 is 44.12% lower than the Target-Date 2050 category average.

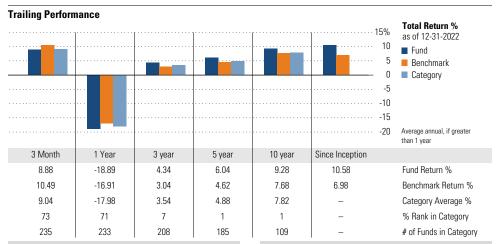
## **Morningstar Investment Management LLC Analysis**

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	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022





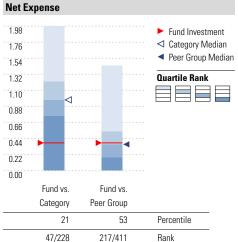
4

14

2

Turnover %

Expense Ratio



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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.37	_	0.54
Beta	0.93	_	0.97
R-Squared	97.95	_	98.50
Standard Deviation	18.35	19.56	19.14
Sharpe Ratio	0.27	0.21	0.23
Tracking Error	2.97	_	2.37
Information Ratio	0.44	_	0.23
Up Capture Ratio	98.96	_	100.31
Down Capture Ratio	94.05	_	98.47

Portfolio Metrics								
	Fund	Bmark	Cat					
Price/Earnings Ratio	17.77	14.42	15.55					
Price/Book Ratio	3.21	2.11	2.38					
Avg Eff Duration	6.04	-	-					



2

6

2



# American Funds 2050 Trgt Date Retire R6 RFITX

**Morningstar Category** Target-Date 2050 **Morningstar Index** Morningstar Lifetime Mod 2050 TR USD

# Style Analysis as of 12-31-2022

Morningstar Style Box™



# Style Breakdown

Equity

Lquity			
15	31	30	raige
4	8	7	MIN
1	2	2	ollidii

Value Blend Growth

Fixed Income

Quality

High

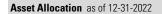
Mid

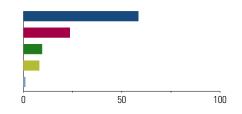
Ltd Mod Ext

Duration

Weight %

>50 25-50 10-25 0-10





Asset Class Net % Cat% US Stocks 58.37 54.64 Non-US Stocks 23.50 28.82 Bonds 9.37 5.08 Cash 7.92 1.99 Other 0.84 9.48 100.00 Total 100.00

Sec	ctor Weighting as of 12-3	31-2022			
		Fund	Bmark	Cat	Fund • Benchmark   Category Average
<u></u>	Cyclical	30.81	39.86	35.88	
A	Basic Materials	4.20	5.36	4.51	
Д	Consumer Cyclical	12.09	11.18	10.78	
ø	Financial Services	12.91	16.21	15.74	
fil.	Real Estate	1.61	7.11	4.85	
W	Sensitive	40.94	36.56	40.44	
d	Communication Services	6.48	5.06	6.18	
ð	Energy	5.12	5.36	5.19	
Ф	Industrials	11.25	12.06	10.90	
	Technology	18.09	14.08	18.17	
<b>→</b>	Defensive	28.25	23.58	23.68	
=	Consumer Defensive	7.35	7.30	6.97	
٠	Healthcare	17.97	12.89	13.63	
•	Utilities	2.93	3.39	3.08	
					0% 5 10 15 20 25 30 35 40 4

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds New Perspective R6	_	8.99	8.99	_	_
⊕ American Funds SMALLCAP World R6	-	8.40	17.40	_	_
⊕ American Funds Capital World Gr&Inc R6	-	8.36	25.76	_	_
⊕ American Funds Fundamental Invs R6	_	8.34	34.10	_	_
⊕ American Funds Washington Mutual R6	-	8.09	42.19	_	-
⊕ American Funds Growth Fund of Amer R6	_	7.01	49.20	_	_
⊕ American Funds AMCAP R6	_	7.00	56.20	_	_
⊕ American Funds American Mutual R6	_	6.69	62.89	_	_
⊕ American Funds American Balanced R6	_	6.60	69.49	_	_
⊕ American Funds Global Balanced R6	_	5.40	74.89	_	_

## Total Holdings 19



# American Funds 2055 Trgt Date Retire R6 RFKTX

Morningstar Category Target-Date 2055 Morningstar Index Morningstar Lifetime Mod 2055 TR USD

Expense Ratio

#### Portfolio Manager(s)

Bradley Vogt since 01-2012 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

#### **Quantitative Screens**

- Performance: The fund has finished in the Target-Date 2055 category's top three quartiles in 9 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 11.01 years.
- × Style: The fund has landed in its primary style box Large Blend 50 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.38 is 44.12% lower than the Target-Date 2055 category average.

## **Morningstar Investment Management LLC Analysis**

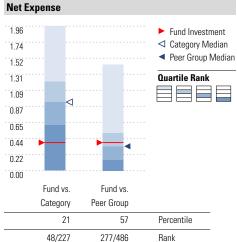
This fund fails our current style screen. Because this is a target-date fund, this screen failure does not concern us and we are still comfortable using this fund.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022

#### Growth of \$10,000 ▼ Manager Change V Partial Mgr Change ■ Fund: \$24,082 Benchmark: \$20,784 Category: \$21,233 15k 10k Performance Quartile (Within Category) 2013 2014 2015 2016 2017 2018 2019 2020 2021 YTD History 26.59 7.01 0.63 8.30 22.63 -5.65 25.09 19.39 17.28 -19.50 Total Return % 2 27 3.97 -2.60 1.68 2.92 0.04 6.48 0.78 -2 57 4.10 +/- Benchmark 1.55 -0.02 3.45 1.52 2.34 0.30 2.79 0.18 3.92 -1.42 +/- Category 20 45 6 3 45 5 48 89 Tot Ret % Rank in Cat 148 153 205 221 237 249 227 236 230 # of Funds in Cat 209 6 2 6 3 3 14 3 Turnover %





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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.15	_	0.60
Beta	0.93	_	0.97
R-Squared	97.68	_	98.44
Standard Deviation	18.46	19.64	19.28
Sharpe Ratio	0.26	0.20	0.23
Tracking Error	3.14	_	2.41
Information Ratio	0.34	_	0.25
Up Capture Ratio	98.88	_	100.91
Down Capture Ratio	94.83	_	98.86

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.83	14.31	15.34
Price/Book Ratio	3.22	2.08	2.33
Avg Eff Duration	6.09	_	-



# American Funds 2055 Trgt Date Retire R6 RFKTX

#### **Morningstar Category** Target-Date 2055

**Morningstar Index** Morningstar Lifetime Mod 2055 TR USD

# Style Analysis as of 12-31-2022

Morningstar Style Box™



# Style Breakdown

Equity

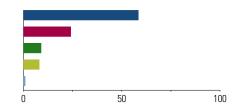
14	30	31	Large
4	8	8	Mid
1	2	2	Small

Value Blend Growth

Fixed Income Quality High Μid Low Ltd Mod Duration

Weight % >50 25-50 10-25 0-10

## Asset Allocation as of 12-31-2022



Asset Class Net % Cat% US Stocks 54.52 58.39 Non-US Stocks 23.98 31.50 Bonds 8.89 4.37 Cash 7.95 1.45 Other 0.79 8.15 100.00 Total 100.00

Sec	ctor Weighting as of 12-3	31-2022			
		Fund	Bmark	Cat	Fund • Benchmark [] Category Average
<sub>Մ</sub>	Cyclical	30.89	40.09	36.07	
A.	Basic Materials	4.30	5.43	4.70	
A	Consumer Cyclical	12.36	11.19	10.70	
æ	Financial Services	12.77	16.29	15.76	
<b>fi</b>	Real Estate	1.46	7.18	4.91	•
W	Sensitive	41.28	36.50	40.48	
	Communication Services	6.56	5.08	6.33	7
ð	Energy	4.97	5.34	5.30	
Ф	Industrials	11.32	12.09	10.81	
	Technology	18.43	13.99	18.04	
<b>→</b>	Defensive	27.83	23.41	23.45	
=	Consumer Defensive	7.13	7.28	6.95	
٠	Healthcare	17.93	12.75	13.44	
•	Utilities	2.77	3.38	3.06	
					0% 5 10 15 20 25 30 35 40 4

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds SMALLCAP World R6	_	9.41	9.41	_	_
⊕ American Funds New Perspective R6	-	9.40	18.81	-	_
⊕ American Funds Fundamental Invs R6	-	9.00	27.81	_	_
⊕ American Funds Capital World Gr&Inc R6	-	9.00	36.82	_	_
⊕ American Funds Washington Mutual R6	-	8.00	44.82	-	_
⊕ American Funds Growth Fund of Amer R6	_	7.00	51.83	_	_
⊕ American Funds AMCAP R6	-	7.00	58.83	-	_
⊕ American Funds Invmt Co of Amer R6	-	6.40	65.23	-	_
⊕ American Funds Global Balanced R6	-	6.00	71.24	_	_
⊕ American Funds American Balanced R6	_	6.00	77.24	_	_

## **Total Holdings** 17



# American Funds 2060 Trgt Date Retire R6 RFUTX

#### Morningstar Category Target-Date 2060

Morningstar Index

Morningstar Mod Tgt Risk TR USD

## Portfolio Manager(s)

Bradley Vogt since 03-2015 Wesley Phoa since 03-2015 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

#### **Quantitative Screens**

- Performance: The fund has finished in the Target-Date 2060 category's top three quartiles in 6 of the 7 years it's been in existence.
- Management: The fund's management has been in place for 7.77 years.
- × *Style*: The fund has landed in its primary style box Large Blend 50 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.38 is 44.12% lower than the Target-Date 2060 category average.

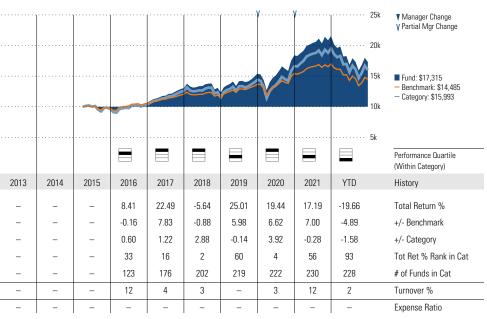
## **Morningstar Investment Management LLC Analysis**

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.

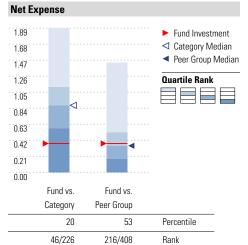
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022

## Growth of \$10,000







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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.81	_	1.40
Beta	1.32	_	1.39
R-Squared	97.57	_	97.51
Standard Deviation	18.45	13.80	19.38
Sharpe Ratio	0.26	0.15	0.23
Tracking Error	5.28	-	6.19
Information Ratio	0.39	-	0.27
Up Capture Ratio	143.48	-	147.22
Down Capture Ratio	135.22	-	141.29

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.82	14.25	15.56
Price/Book Ratio	3.22	2.06	2.39
Avg Eff Duration	6.09	_	-



# American Funds 2060 Trgt Date Retire R6 RFUTX

Quality High MidLow

#### **Morningstar Category** Target-Date 2060

**Morningstar Index** 

Morningstar Mod Tgt Risk TR USD

# Style Analysis as of 12-31-2022

Morningstar Style Box™



## Style Breakdown

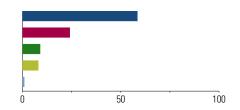
Equity				Fixed	Income
14	30	31	Large		
4	8	8	Mid		
1	2	2	Small		
Value	Blend	Growth		Ltd	Mod

Duration

Weight %

>50 25-50 10-25 0-10

# Asset Allocation as of 12-31-2022



Total	100.00	100.00
Other	0.81	5.50
Cash	7.94	2.18
Bonds	8.89	4.78
Non-US Stocks	23.98	31.95
US Stocks	58.39	55.61
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	<b>,</b>	Bench	mark	Cate	gory Ave	erage			
٠	Cyclical	30.97	40.07	35.75								· [	- 1	
1	Basic Materials	4.33	5.43	4.73										
•	Consumer Cyclical	12.48	11.02	10.92										
9	Financial Services	12.71	16.47	15.50				• [ <sup>'</sup>						
à	Real Estate	1.45	7.15	4.60										
Ųľ	Sensitive	41.35	35.93	40.48		,								
	Communication Services	6.59	5.20	6.37										
)	Energy	4.92	5.40	5.27										
ŀ	Industrials	11.35	11.52	10.84										
2	Technology	18.49	13.81	18.00				-	0	_ :				
+	Defensive	27.69	24.00	23.79										
7	Consumer Defensive	7.10	7.49	6.98			•							
1	Healthcare	17.87	12.82	13.81										
2	Utilities	2.72	3.69	3.00		0								

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	,				· ·
American Funds SMALLCAP World R6	-	10.01	10.01	_	_
American Funds New Perspective R6	-	10.00	20.01	_	_
American Funds Fundamental Invs R6	-	9.00	29.01	_	_
American Funds Capital World Gr&Inc R6	-	9.00	38.01	_	_
American Funds Washington Mutual R6	-	8.00	46.02	-	-
American Funds Growth Fund of Amer R6	_	7.00	53.02	_	_
American Funds AMCAP R6	_	7.00	60.02	_	_
American Funds Invmt Co of Amer R6	_	7.00	67.03	_	_
American Funds Global Balanced R6	-	6.00	73.03	_	_
American Funds American Balanced R6	_	6.00	79.03	_	_

## Total Holdings 16



# American Funds 2065 Trgt Date Retire R6 RFVTX

Morningstar Category Target-Date 2065+ Morningstar Index

Morningstar Mod Tgt Risk TR USD

## Portfolio Manager(s)

Bradley Vogt since 01-2020 David Hoag since 01-2020 Michelle Black since 01-2020 Samir Mathur since 01-2020 Wesley Phoa since 01-2020 Shannon Ward since 01-2021 Jessica Spaly since 01-2023

#### **Quantitative Screens**

The Performance screen is not applicable for funds with less than three years of data.

- Management: The fund's management has been in place for 3 years.
- $\times$  Style: The fund has landed in its primary style box Large Growth 60 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.38 is 39.68% lower than the Target-Date 2065+ category average.

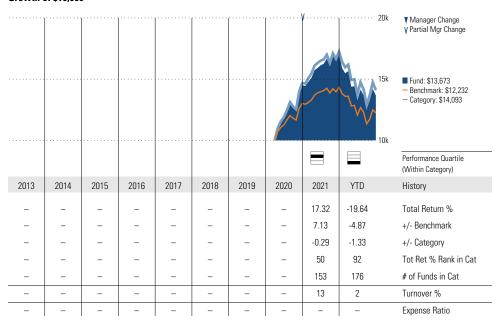
#### **Morningstar Investment Management LLC Analysis**

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.

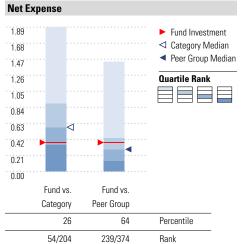
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022

### Growth of \$10,000



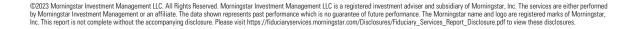




Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	_	-	1.46
Beta	_	_	1.43
R-Squared	_	_	97.93
Standard Deviation	_	13.80	19.94
Sharpe Ratio	_	0.15	0.24
Tracking Error	_	_	6.59
Information Ratio	_	_	0.26
Up Capture Ratio	_	_	151.52
Down Capture Ratio	_	_	145.37

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.82	14.25	15.08
Price/Book Ratio	3.22	2.06	2.30
Avg Eff Duration	6.09	_	_





# American Funds 2065 Trgt Date Retire R6 RFVTX

Asset Allocation as of 12-31-2022

#### **Morningstar Category Morningstar Index** Target-Date 2065+

Morningstar Mod Tgt Risk TR USD

Cat%

52.41

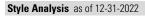
32.83

6.96

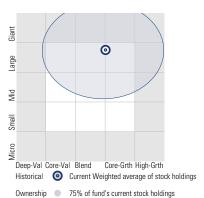
2.38

5.41

100.00



Morningstar Style Box™



# Style Breakdown

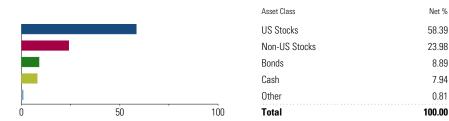
Fauity

Lq	arcy			
	14	30	31	Large
	4	8	8	Mid
	1	2	2	Small

Value Blend Growth

Fixed Income Quality High Μid Low Ltd Mod Duration

Weight % >50 25-50 10-25 0-10



		Fund	Bmark	Cat	Fund	t t	Bench	mark	Categ	jory Ave	erage	_	
ŀ	Cyclical	30.97	40.07	35.54									
ů.	Basic Materials	4.33	5.43	4.93		<b>=</b> [] <sup>*</sup>							
4	Consumer Cyclical	12.48	11.02	10.75		*							
£	Financial Services	12.71	16.47	15.79				. [					
ŧ	Real Estate	1.45	7.15	4.07									
MI	Sensitive	41.34	35.93	41.05									
d	Communication Services	6.59	5.20	6.39									
	Energy	4.92	5.40	5.38									
¢	Industrials	11.35	11.52	11.12				_					
3	Technology	18.48	13.81	18.16				•	•	_ :			
<b>→</b>	Defensive	27.70	24.00	23.40			_						
	Consumer Defensive	7.10	7.49	7.17			'						
٠	Healthcare	17.88	12.82	13.27			- :						
•	Utilities	2.72	3.69	2.96		[							

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
					ū
⊕ American Funds SMALLCAP World R6	_	10.00	10.00	_	_
⊕ American Funds New Perspective R6	_	10.00	20.01	_	_
⊕ American Funds Fundamental Invs R6	_	9.00	29.01	_	_
⊕ American Funds Capital World Gr&Inc R6	_	9.00	38.01	_	_
⊕ American Funds Washington Mutual R6	-	8.00	46.01	_	-
⊕ American Funds Growth Fund of Amer R6	_	7.00	53.02	_	_
⊕ American Funds AMCAP R6	_	7.00	60.02	_	_
⊕ American Funds Invmt Co of Amer R6	_	7.00	67.02	_	_
⊕ American Funds American Balanced R6	_	6.00	73.02	_	_
⊕ American Funds Global Balanced R6	_	6.00	79.02	_	_

## Total Holdings 16



# American Funds American Balanced R6 RLBGX

Morningstar Category Allocation--50% to 70% Morningstar Index

Fauity

Morningstar US Mod Tgt Alloc NR USD

#### Portfolio Manager(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 Allocation-50% to 70% Equity 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 24.01 years.

Net Expense: The fund's expense ratio of 0.25 is
 75.96% lower than the Allocation-50% to 70% Equity
 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	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022





0.27

0.26

0.25

3-Year Risk Metrics

0.25

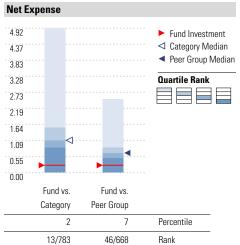
Expense Ratio

0.28

0.28

0.29

0.29



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

	Fund	Bmark	Cat
Alpha	1.66	-	0.04
Beta	0.95	-	1.01
R-Squared	96.84	-	94.21
Standard Deviation	13.31	13.72	14.31
Sharpe Ratio	0.33	0.21	0.20
Tracking Error	2.45	-	3.33
Information Ratio	0.65	-	-0.02
Up Capture Ratio	102.39	-	100.97
Down Capture Ratio	94.19	-	101.15

Portfolio Metrics								
	Fund	Bmark	Cat					
Price/Earnings Ratio	16.17	16.24	17.39					
Price/Book Ratio	3.25	2.63	3.04					
Avg Eff Duration	6.16	6.45	5.29					

# American Funds American Balanced R6 RLBGX

Morningstar Category Allocation--50% to 70%

Equity

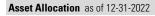
Morningstar Index

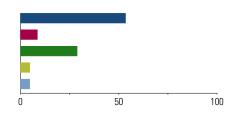
Morningstar US Mod Tgt Alloc NR USD

Style Analysis as of 12-31-2022

Morningstar Style Box™







Total	100.00	100.00
Other	4.64	3.51
Cash	4.63	6.22
Bonds	28.76	34.07
Non-US Stocks	8.55	9.75
US Stocks	53.42	46.45
Asset Class	Net %	Cat%

Sty	le	Breakdow	/n
_			





Weight %							
>50	25-50	10-25	0-10				

Fixed Ir	come		Quality H: gh
			h Mid
			Low
Ltd Duratio	Mod	Ext	J

		Fund	Bmark	Cat	Fund	ļ <b>7</b>	Bench	mark	Categ	jory Ave	erage	_	
Ն	Cyclical	27.33	32.81	31.62									
A.	Basic Materials	3.91	3.99	3.72									
<b>A</b>	Consumer Cyclical	8.68	10.16	10.21			<b>–</b> [	Ė					
ê	Financial Services	11.67	15.27	15.09				ľ					
æ	Real Estate	3.07	3.39	2.60		ľ							_
M	Sensitive	40.23	42.44	42.48									
	Communication Services	5.84	6.46	6.62									
ð	Energy	8.43	5.34	5.50									
Ф	Industrials	9.56	10.77	10.59					<u>.</u>				
	Technology	16.40	19.87	19.77					ď	<u>:</u>			
<b>→</b>	Defensive	32.44	24.73	25.91									
=	Consumer Defensive	11.78	7.41	7.08			<b>'</b>						
٠	Healthcare	18.66	14.20	15.59									
•	Utilities	2.00	3.12	3.24		i							

<b>Top 10 Holdings</b> as of 12-31-2022							
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector		
Capital Group Central Cash Fund	_	7.80	7.80	_	_		
⊖ Cap Grp Cent Fd Ser Ii	_	4.53	12.33	_	-		
	-	3.34	15.67	-27.94	Technology		
🕸 Cash And Other Assets Less Liablities	-	3.30	18.98	_	-		
⊕ Broadcom Inc	-	2.74	21.71	-13.43	Technology		
─ UnitedHealth Group Inc	_	2.54	24.25	6.86	Healthcare		
→ Philip Morris International Inc	-	2.14	26.40	11.84	Consumer Defensive		
→ Pfizer Inc	-	1.67	28.07	-10.52	Healthcare		
⊕ The Home Depot Inc	_	1.50	29.57	-22.06	Consumer Cyclical		
⊕ JPMorgan Chase & Co	_	1.30	30.87	-12.79	Financial Services		

## **Total Holdings 2176**



# American Funds Capital World Gr&Inc R6 RWIGX

Morningstar Category Global Large-Stock Blend

Morningstar Index MSCI ACWI NR USD

#### Portfolio Manager(s)

Sung Lee since 02-2006 Alfonso Barroso since 02-2007 Michael Cohen since 11-2014 Jin Lee since 02-2019 Lara Pellini since 02-2019 Leo Hee since 10-2019 Jeremy Burge since 01-2020 Renaud Samyn since 02-2020

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 16.92 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 0.42 is 57.58% lower than the Global Large-Stock Blend category

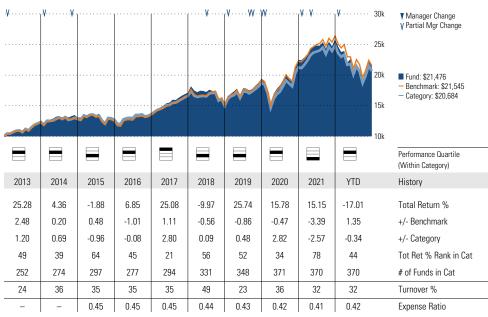
#### **Morningstar Investment Management LLC Analysis**

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.

#### **FSG Metrics**

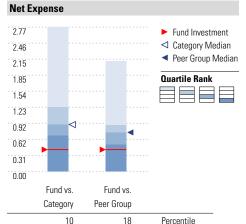
Metric	Rating	Updated
Sustainability Rating	2	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	05-18-2022

# Growth of \$10,000



# **Trailing Performance**





	37/395	53/297	Rank	
Peer grou	p is a subset of	the category ar	nd includes fun	ds with the
same ma	nagement style	active vs. pass	ive) and simila	r share class
character	ietice			

#### 3-Year Risk Metrics Fund **Bmark** Cat Alpha -0.44 0.08 Beta 0.97 0.97 97.37 R-Squared 94.06 Standard Deviation 19 70 20 14 20 17 Sharpe Ratio 0.22 0.25 0.24 Tracking Error 3 27 4.85 Information Ratio -0.18 -0.02 Up Capture Ratio 96.62 98.24 98.32 98.49 Down Capture Ratio

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.03	15.37	16.22
Price/Book Ratio	2.83	2.37	2.51
Geom Avg Mkt Cap \$B	88.68	87.09	70.43
ROE	25.67	25.56	24.69



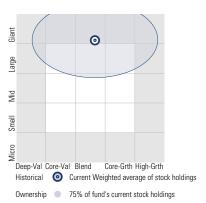
# American Funds Capital World Gr&Inc R6 RWIGX

#### Morningstar Category Morni Global Large-Stock Blend MSCI

#### Morningstar Index MSCI ACWI NR USD

# Style Analysis as of 12-31-2022

Morningstar Style Box™



# Style Breakdown

Equity

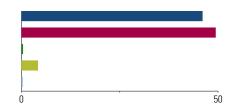
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23	34	31	Laige
3	6	3	MIN
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Value Blend Growth

Weight %

>50 25-50 10-25 0-10

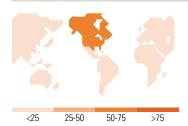
## Asset Allocation as of 12-31-2022



Total	100.00	100.00
Other	0.20	1.77
Cash	4.14	1.97
Bonds	0.32	1.65
Non-US Stocks	49.35	38.12
US Stocks	46.01	56.49
Asset Class	Net %	Cat%

	ctor Weighting as of 12-3			_	_				п -					
		Fund	Bmark	Cat	Fund	ı t	Bench	nmark	Categ	jory Ave	rage	,		
<u></u>	Cyclical	31.28	34.06	32.13										
A	Basic Materials	7.43	4.82	5.18			ı [							
<b>A</b>	Consumer Cyclical	8.86	10.06	10.14										
<del>,</del>	Financial Services	13.95	16.40	14.09										
<b>fi</b>	Real Estate	1.04	2.78	2.72										
W	Sensitive	40.94	41.45	41.29										
	Communication Services	5.18	6.94	5.83										
•	Energy	6.61	5.61	5.17										
Ф	Industrials	12.69	10.27	14.55			- 1							
	Technology	16.46	18.63	15.74					1					
<b>→</b>	Defensive	27.78	24.48	26.56				•						
Ħ	Consumer Defensive	8.70	7.90	8.39										
+	Healthcare	15.94	13.46	13.38										
•	Utilities	3.14	3.12	4.79										
					0%	5	10	15	20	25	30	35	40	45

## World Regions % Equity 12-31-2022



Greater Asia	Fund % 18.25	Cat % 13.25
Japan	6.19	5.32
Australasia	1.97	1.21
Asia-4 Tigers	4.59	3.49
Asia-ex 4 Tigers	5.50	3.23
Not Classified	0.00	0.00

Americas	Fund % 56.46	Cat % 63.73	Greater Europe	Fund % 25.29	Cat % 23.01	Market Maturity	Fund %
North America	53.01	62.94	United Kingdom	6.07	6.10	Developed Markets	91.05
Central/Latin	3.45	0.79	W euro-ex UK	19.07	16.48	<b>Emerging Markets</b>	8.95
			Emrgng Europe	0.00	0.03	Not Available	0.00
			Africa	0.15	0.40		

<b>Top 10 Holdings</b> as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Broadcom Inc	2.96	2.96	-13.43	Technology
	2.79	5.75	-27.94	Technology
─ UnitedHealth Group Inc	2.30	8.05	6.86	Healthcare
○ Capital Group Central Cash Fund	2.19	10.24	_	-
Taiwan Semiconductor Manufacturing Co Ltd	2.03	12.27	-25.28	Technology
⊕ Philip Morris International Inc	1.82	14.09	11.84	Consumer Defensive
⊕ LVMH Moet Hennessy Louis Vuitton SE	1.71	15.80	-4.83	Consumer Cyclical
	1.57	17.38	23.73	Basic Materials
Abbott Laboratories	1.54	18.91	-20.66	Healthcare
⊖ ASML Holding NV	1.52	20.43	-28.16	Technology

## Total Holdings 357

# American Funds Growth Fund of Amer R6 RGAGX

Morningstar Category Large Growth

Morningstar Index

Russell 1000 Growth TR USD

## Portfolio Manager(s)

Donald O'Neal since 11-1993

J. Frank since 11-2001

Lawrence Solomon since 05-2010

Martin Romo since 11-2010

Carl Kawaja since 11-2010

Mark Casey since 11-2012

Alan Wilson since 11-2012

Anne-Marie Peterson since 07-2013

Christopher Buchbinder since 11-2013

Joanna Jonsson since 03-2016

Alex Popa since 10-2016

Andraz Razen since 03-2020

Julian Abdey since 11-2021

#### **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 29.18 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 0.3 is 68.75% lower than the Large Growth category average.

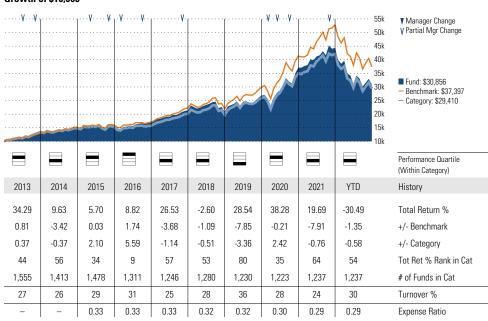
#### **Morningstar Investment Management LLC Analysis**

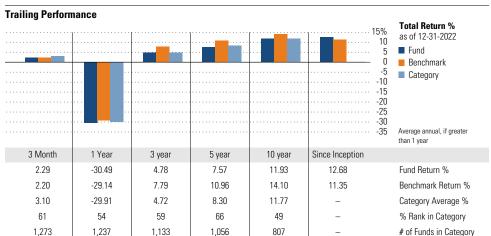
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

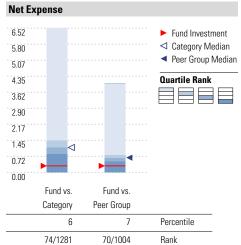
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	1	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	04-07-2022

#### Growth of \$10,000







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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-2.42	_	-2.73
Beta	0.94	_	0.97
R-Squared	95.88	_	93.03
Standard Deviation	22.77	23.80	24.00
Sharpe Ratio	0.28	0.39	0.27
Tracking Error	4.86	_	6.26
Information Ratio	-0.62	_	-0.62
Up Capture Ratio	84.41	_	89.56
Down Capture Ratio	90.47	-	97.48

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	18.43	24.23	23.83
Price/Book Ratio	3.93	8.23	6.53
Geom Avg Mkt Cap \$B	99.09	222.04	263.75
ROE	25.36	41.41	37.70



# American Funds Growth Fund of Amer R6 RGAGX

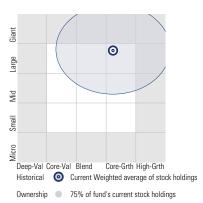
# Morningstar Category Large Growth

# Morningstar Index

# Russell 1000 Growth TR USD

# Style Analysis as of 12-31-2022

Morningstar Style Box™



# Style Breakdown

Equity

10	23	41	Laige
4	9	10	VIIV
1	1	1	JIIaii

Value Blend Growth

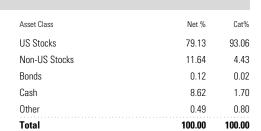
Weight %

>50 25-50 10-25 0-10



50

Asset Allocation as of 12-31-2022



Sec	ctor Weighting as of 12-3	31-2022			
		Fund	Bmark	Cat	Fund • Benchmark 🛛 Category Average
<sub>Մ</sub>	Cyclical	29.80	23.90	28.54	
A	Basic Materials	3.16	1.27	1.48	
A	Consumer Cyclical	17.23	13.83	15.14	
<b>F</b>	Financial Services	9.22	7.14	10.27	
命	Real Estate	0.19	1.66	1.65	
W	Sensitive	47.96	55.91	50.56	
	Communication Services	9.65	6.69	8.92	
•	Energy	5.88	1.71	2.20	
Ф	Industrials	10.82	8.50	6.49	
	Technology	21.61	39.01	32.95	
<b>—</b>	Defensive	22.23	20.18	20.90	, i i i i i i i i i i i i i i i i i i i
=	Consumer Defensive	3.53	6.72	4.26	
+	Healthcare	17.52	13.40	16.09	
	Utilities	1.18	0.06	0.55	

100

•	· ·			
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	8.75	8.75	_	_
→ Microsoft Corp	5.48	14.23	-27.94	Technology
→ UnitedHealth Group Inc	3.40	17.63	6.86	Healthcare
⊕ Broadcom Inc	2.67	20.30	-13.43	Technology
Amazon.com Inc	2.37	22.67	-49.62	Consumer Cyclical
	2.04	24.70	-64.22	Communication Svc
Netflix Inc     ■     Netflix Inc     Netflix Inc     ■     Netflix Inc     Netflix Inc	1.91	26.61	-51.05	Communication Svc
→ Alphabet Inc Class C	1.87	28.48	-38.67	Communication Svc
⊕ Mastercard Inc Class A	1.61	30.10	-2.68	Financial Services
⊖ Tesla Inc	1.52	31.62	-65.03	Consumer Cyclical
⊕ General Electric Co	1.35	32.97	-10.97	Industrials
Thermo Fisher Scientific Inc	1.26	34.23	-17.29	Healthcare
⊇ Alphabet Inc Class A	1.23	35.46	-39.09	Communication Svc
⊕ Eli Lilly and Co	1.15	36.61	33.86	Healthcare
Carrier Global Corp Ordinary Shares	1.13	37.74	-22.78	Industrials

Total Holdings 370



# American Funds New World R6 RNWGX

Morningstar CategoryMorningstar IndexDiversified Emerging MktsMSCI EM NR USD

## Portfolio Manager(s)

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
Jonathan Knowles since 01-2016
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

#### **Quantitative Screens**

- Performance: The fund has finished in the Diversified Emerging Mkts category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 23.56 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
   50.43% lower than the Diversified Emerging Mkts category
   average.

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022







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

o rour mon montos			
	Fund	Bmark	Cat
Alpha	3.65	_	0.18
Beta	0.90	_	1.00
R-Squared	82.26	_	88.98
Standard Deviation	20.37	20.55	21.86
Sharpe Ratio	0.11	-0.07	-0.06
Tracking Error	8.83	_	7.01
Information Ratio	0.42	_	-0.06
Up Capture Ratio	102.25	_	102.04
Down Capture Ratio	88.61	_	102.20

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	16.62	10.62	11.64
Price/Book Ratio	2.75	1.56	1.80
Geom Avg Mkt Cap \$B	52.53	33.24	38.67
ROE	22.44	17.19	18.44

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# American Funds New World R6 RNWGX

#### Morningstar Index **Morningstar Category** Diversified Emerging Mkts MSCI EM NR USD

100.00

100.00

## Style Analysis as of 12-31-2022

Morningstar Style Box™



## Style Breakdown

Equity

. ,			
14	31	41	Large
3	5	6	Mid
0	1	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



50



Total

100

		Fund	Bmark	Cat	Fund	▼ Ben	chmark	: [] Ca	ategory	Avera	ge		_	
b	Cyclical	40.45	46.30	45.30										
4	Basic Materials	9.44	8.87	6.83		ď								
<b>P</b>	Consumer Cyclical	12.52	13.30	14.15			ı <u>"</u> []							
ê	Financial Services	16.73	22.17	22.56										
b	Real Estate	1.76	1.96	1.76										
NF	Sensitive	35.96	40.06	40.12								į		
	Communication Services	5.02	10.43	8.52										
•	Energy	5.22	5.05	5.06										
<b>‡</b>	Industrials	10.77	5.87	6.10										
1	Technology	14.95	18.71	20.44				•						
+	Defensive	23.60	13.65	14.57										
Ę	Consumer Defensive	6.85	6.29	7.69										
1	Healthcare	14.54	4.38	5.06										
?	Utilities	2.21	2.98	1.82										

## World Regions % Equity 12-31-2022



Greater Asia	Fund % 39.06	Cat % 74.74
Japan	2.68	0.09
Australasia	0.68	0.05
Asia-4 Tigers	7.33	24.78
Asia-ex 4 Tigers	28.37	49.82
Not Classified	0.00	0.00

Americas	Fund % 36.28	Cat % 14.72	Greater Europe	Fund % 24.67	Cat % 10.53	Market Maturity	Fund %
North America	27.26	3.11	United Kingdom	2.75	0.66	Developed Markets	60.61
Central/Latin	9.02	11.61	W euro-ex UK	19.48	1.79	Emerging Markets	39.39
			Emrgng Europe	0.24	1.33	Not Available	0.00
			Africa	2.20	6.75		

<b>Top 10 Holdings</b> as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	5.06	5.06		_
	2.68	7.74	-27.94	Technology
⊕ Novo Nordisk A/S Class B	2.06	9.79	29.55	Healthcare
Kotak Mahindra Bank Ltd	2.02	11.81	1.73	Financial Services
Reliance Industries Ltd	1.92	13.73	7.86	Energy
Taiwan Semiconductor Manufacturing Co Ltd	1.78	15.51	-25.28	Technology
AIA Group Ltd	1.52	17.04	17.53	Financial Services
Airbus SE	1.43	18.47	0.80	Industrials
○ LVMH Moet Hennessy Louis Vuitton SE	1.38	19.85	-4.83	Consumer Cyclical
⊕ Thermo Fisher Scientific Inc	1.30	21.15	-17.29	Healthcare

## Total Holdings 577



# American Funds Washington Mutual R6 RWMGX

Morningstar Category

Large Blend

Morningstar Index S&P 500 TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 25.52 years.

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

Net Expense: The fund's expense ratio of 0.26 is 66.23% lower than the Large Blend category average.

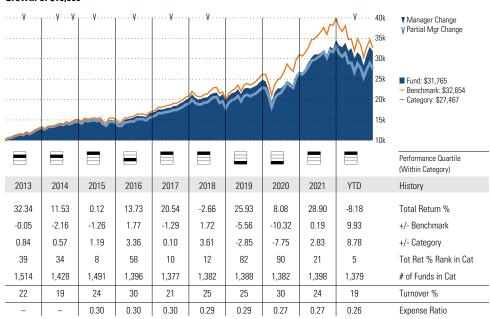
#### **Morningstar Investment Management LLC Analysis**

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.

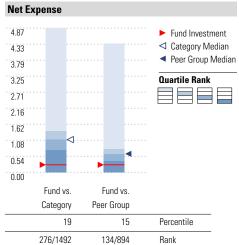
## **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

#### Growth of \$10,000



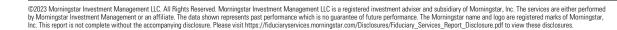
#### **Trailing Performance Total Return %** as of 12-31-2022 10 ■ Fund Benchmark 0 Category -5 -10 Average annual, if greater than 1 year 3 Month 1 Year 3 year 10 year Since Inception 5 year Fund Return % 12.10 -8.18 8.55 9.41 12.25 13.35 10.61 7.56 -18.11 7.66 9.42 12.56 Benchmark Return % 8 27 -16 96 6 88 11.31 8 26 Category Average % 5 16 22 26 % Rank in Category 1.441 1.379 1.247 1.137 837 # of Funds in Category



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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.57	_	-0.68
Beta	0.89	_	0.96
R-Squared	93.29	_	95.98
Standard Deviation	19.43	21.16	20.73
Sharpe Ratio	0.47	0.41	0.36
Tracking Error	5.57	_	3.95
Information Ratio	0.16	-	-0.83
Up Capture Ratio	91.66	-	94.55
Down Capture Ratio	86.85	_	96.96

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.65	19.03	18.29
Price/Book Ratio	3.27	3.59	4.14
Geom Avg Mkt Cap \$B	134.77	161.22	211.02
ROE	29.87	31.17	36.63





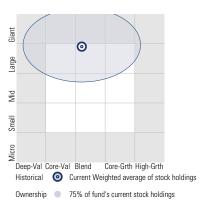
# American Funds Washington Mutual R6 RWMGX

#### 

Morningstar Index S&P 500 TR USD

Style Analysis as of 12-31-2022

Morningstar Style Box™



# Style Breakdown

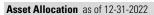
Equity

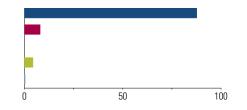
25	44	19	Large
4	7	1	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.26	1.10
Cash	4.25	0.45
Bonds	0.00	0.84
Non-US Stocks	7.90	2.81
US Stocks	87.59	94.79
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-	31-2022			
		Fund	Bmark	Cat	Fund • Benchmark   Category Average
<b>Դ</b>	Cyclical	26.35	28.72	29.35	
A	Basic Materials	2.36	2.46	2.84	
<b>A</b>	Consumer Cyclical	7.24	9.56	9.83	
<del>,</del>	Financial Services	15.41	13.89	14.27	
命	Real Estate	1.34	2.81	2.41	<b>_</b> 0'
W	Sensitive	39.41	44.59	44.38	
d	Communication Services	4.22	7.28	7.09	
ð	Energy	6.17	5.23	4.38	
Ф	Industrials	12.27	9.06	10.44	
	Technology	16.75	23.02	22.47	
<b>→</b>	Defensive	34.24	26.69	26.28	
Ħ	Consumer Defensive	8.21	7.61	7.43	
+	Healthcare	23.19	15.90	16.05	
•	Utilities	2.84	3.18	2.80	
					0% 5 10 15 20 25 30 35 40 4

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⇒ Broadcom Inc	5.44	5.44	-13.43	Technology
→ Microsoft Corp	4.65	10.10	-27.94	Technology
⊕ Capital Group Central Cash Fund	4.27	14.37	_	_
→ UnitedHealth Group Inc	3.97	18.33	6.86	Healthcare
⊕ Pfizer Inc	2.77	21.10	-10.52	Healthcare
○ Comcast Corp Class A	2.34	23.44	-28.41	Communication Svc
Marsh & McLennan Companies Inc	2.33	25.78	-3.50	Financial Services
⇒ CVS Health Corp	2.02	27.79	-7.53	Healthcare
→ Northrop Grumman Corp	1.97	29.76	42.71	Industrials
The Home Depot Inc	1.92	31.68	-22.06	Consumer Cyclical
⊕ JPMorgan Chase & Co	1.75	33.43	-12.79	Financial Services
⊕ Eli Lilly and Co	1.69	35.12	33.86	Healthcare
⇒ Johnson & Johnson	1.68	36.80	5.86	Healthcare
AbbVie Inc	1.58	38.38	23.80	Healthcare
⊕ Archer-Daniels Midland Co	1.55	39.93	39.74	Consumer Defensive

**Total Holdings** 186



# **Baird Aggregate Bond Inst** BAGIX

#### Morningstar Category Intermediate Core Bond

#### Morningstar Index

Bloomberg US Agg Bond TR USD

## Portfolio Manager(s)

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

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 22.27 years.

Style Consistency is not calculated for Fixed Income funds.

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

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
ESG Commitment	1-Low	02-15-2022

#### Growth of \$10,000



# **Trailing Performance**



Net Expe	ense		
4.62			► Fund Investment
4.11			Category Median
3.59			<ul> <li>Peer Group Median</li> </ul>
3.08			Quartile Rank
2.57			
2.05			
1.54			
1.03	⊲		
0.51		····•	
0.00			
	Fund vs.	Fund vs.	
(	Category	Peer Group	
	25	35	Percentile
	124/503	145/417	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 hisk wetrics			
	Fund	Bmark	Cat
Alpha	0.38	_	0.03
Beta	1.05	_	1.00
R-Squared	96.52	-	92.92
Standard Deviation	6.23	5.85	6.12
Sharpe Ratio	-0.51	-0.58	-0.56
Tracking Error	1.19	-	1.54
Information Ratio	0.20	-	-0.09
Up Capture Ratio	112.62	-	104.58
Down Capture Ratio	106.03	_	103.15

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.17	4.43	6.05
Avg Eff Maturity	8.23	_	8.25



# **Baird Aggregate Bond Inst** BAGIX

Style Analysis as of 12-31-2022



Credit Rating Breakdown	Fund	Bmark	Cat
AAA	59.70	3.53	54.60
AA	3.80	74.59	8.55
A	12.70	10.82	17.15
BBB	23.50	8.32	16.13
BB	0.30	0.28	1.41
В	0.00	0.00	0.45
Below B	0.00	0.00	0.18
Not Rated	0.00	2.46	1.53

#### Asset Allocation as of 12-31-2022 Asset Class Net % Cat% US Stocks 0.10 0.00 Non-US Stocks 0.02 0.00 Bonds 98.68 95.92 Cash 1.33 2.10 Other 0.00 1.87 50 100 Total 100.00 100.00

**Morningstar Category** 

Intermediate Core Bond

**Morningstar Index** 

Bloomberg US Agg Bond TR USD

		ъ .	0 .		-		. По				
	Fund	Bmark	Cat	Fund	7 5	Benchma	ark [] Ca	ategory .	Average	n	
Government	25.92	-	30.92								
Treasury	25.90	_	25.72								
Inflation – Protected	0.00	_	1.34								
Agency/Quasi Agency	0.02	_	1.10	[ ]							
Other Government Related	0.00	_	2.76	[ [							
Corporate	39.80	_	25.82								
Corporate Bond	39.80	_	25.72								
Bank Loan	0.00	_	0.06								
Convertible	0.00	_	0.01	į							
Preferred	0.00	_	0.03								
Securitized	31.65	_	33.07								
Agency MBS Pass-Through	25.00	_	23.32								
Agency MBS ARM	0.00	_	0.33								
Agency MBS CMO	0.01	_	2.14								
Non-Agency Residential MBS	0.41	_	0.28								
Commercial MBS	0.00	_	0.67	[							
Asset-Backed	6.23	_	6.33								
Covered Bond	0.00	_	0.00								
Municipal	1.17	_	0.80	10							
Cash & Equivalents	1.47	-	6.78								
Other	0.00	_	2.62	i [							

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
United States Treasury Bonds 2.5%	02-2045	3.45	3.45	_
─ United States Treasury Bonds 2.88%	05-2043	2.55	6.00	_
⊕ United States Treasury Notes 1.13%	08-2028	2.18	8.18	_
United States Treasury Bonds 1.38%	11-2040	1.96	10.14	_
⊕ United States Treasury Notes 2.88%	06-2025	1.85	11.99	_
⊕ United States Treasury Notes 2.88%	05-2032	1.80	13.78	_
	02-2030	1.27	15.05	_
─ United States Treasury Notes 1.13%	10-2026	1.23	16.28	_
─ United States Treasury Notes 3%	06-2024	1.22	17.50	_
⊕ United States Treasury Notes 2.38%	03-2029	0.99	18.49	_

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

Total Holdings 1584



## Fidelity Advisor® International Growth Z FZAJX

Morningstar Category Foreign Large Growth Morningstar Index MSCI EAFE NR USD

### Portfolio Manager(s)

Jed Weiss since 11-2007

### **Quantitative Screens**

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

Management: The fund's management has been in place for 15.18 years.

Net Expense: The fund's expense ratio of 0.89 is
 15.24% lower than the Foreign Large Growth category average.

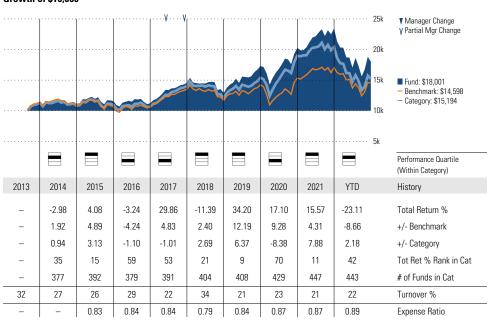
### **Morningstar Investment Management LLC Analysis**

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.

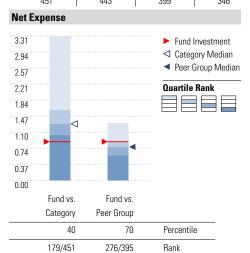
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	5	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022

### Growth of \$10,000



#### **Trailing Performance Total Return %** 20% as of 12-31-2022 10 ■ Fund Benchmark Category -10 -15 -20 -25 -30 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year Fund Return % 15.31 -23.11 1.34 4.35 6.02 17.34 -14.45 0.87 1.54 4.67 8.22 Benchmark Return % 13.77 -25 29 0.04 2 11 5.26 Category Average % 30 42 31 15 % Rank in Category 451 399 346 # of Funds in Category



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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.71	_	-0.67
Beta	0.96	_	0.98
R-Squared	87.15	_	83.89
Standard Deviation	20.91	20.25	21.69
Sharpe Ratio	0.12	0.10	0.06
Tracking Error	7.53	_	8.76
Information Ratio	0.06	_	-0.10
Up Capture Ratio	104.15	_	99.00
Down Capture Ratio	102.40	_	102.84

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	25.39	12.65	19.09
Price/Book Ratio	4.32	1.56	2.99
Geom Avg Mkt Cap \$B	54.73	43.46	48.56
ROE	25.21	19.18	22.43



# Fidelity Advisor® International Growth Z FZAJX

## **Morningstar Category**Foreign Large Growth

### **Morningstar Index** MSCI EAFE NR USD

### Style Analysis as of 12-31-2022

Morningstar Style Box™



### Style Breakdown

Equity

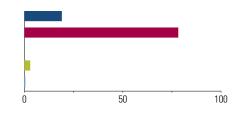
4	22	54	Large
2	7	11	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

### Asset Allocation as of 12-31-2022



Asset Class	Net %	Cat%
US Stocks	18.84	6.95
Non-US Stocks	78.10	89.95
Bonds	0.00	0.00
Cash	2.76	2.55
Other	0.29	0.57
Total	100.00	100.00

Sec	tor Weighting as of 12-	31-2022			
		Fund	Bmark	Cat	Fund • Benchmark   Category Average
Դ	Cyclical	40.52	39.68	34.80	
A.	Basic Materials	8.81	7.81	6.34	
A	Consumer Cyclical	12.92	10.37	12.95	
<del>,</del>	Financial Services	17.72	18.69	14.78	<u> </u>
ŵ	Real Estate	1.07	2.81	0.73	
W	Sensitive	45.02	32.96	39.26	
	Communication Services	2.18	4.93	4.06	
•	Energy	0.99	5.06	4.02	
Ф	Industrials	27.93	14.88	15.97	
	Technology	13.92	8.09	15.21	
<b>→</b>	Defensive	14.47	27.36	25.95	
=	Consumer Defensive	5.73	10.37	9.63	
٠	Healthcare	8.74	13.71	15.46	
•	Utilities	0.00	3.28	0.86	
					0% 5 10 15 20 25 30 35 40 45

### World Regions % Equity 12-31-2022



Greater Asia	Fund % 19.30	Cat % 27.34
Japan	12.75	11.60
Australasia	0.32	1.96
Asia-4 Tigers	4.38	6.01
Asia-ex 4 Tigers	1.85	7.77
Not Classified	0.00	0.00

4	Americas	Fund % 22.92	Cat % 14.74	Greater Europe	Fund % 57.77	Cat % 57.92	Market Maturity	Fund %
)	North America	22.92	12.78	United Kingdom	9.57	12.49	Developed Markets	97.47
3	Central/Latin	0.00	1.96	W euro-ex UK	46.15	44.80	Emerging Markets	2.53
1				Emrgng Europe	0.00	0.02	Not Available	0.00
7				Africa	2.05	0.61		

### **Top 0 Holdings** as of 12-31-2022

Name % Net Asset Cumulative % YTD Return % Morningstar Sector

### Total Holdings 0



## Invesco Global Real Estate R6 FGREX

Morningstar Category Global Real Estate

Morningstar Index S&P Global REIT TR USD

### Portfolio Manager(s)

Ping-Ying Wang since 11-2006 James Cowen since 05-2008 Darin Turner since 04-2010 Grant Jackson since 06-2018 Charles (Chip) McKinley since 01-2022

### **Quantitative Screens**

- Performance: The fund has finished in the Global Real Estate category's top three quartiles in 9 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 16.13 years.
- Style: The fund has landed in its primary style box Mid-Cap Blend — 86.36 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.83 is 27.83% lower than the Global Real Estate category average.

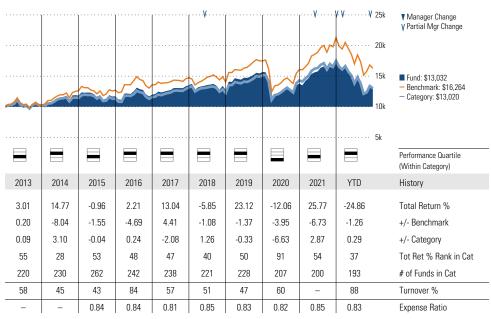
### **Morningstar Investment Management LLC Analysis**

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**

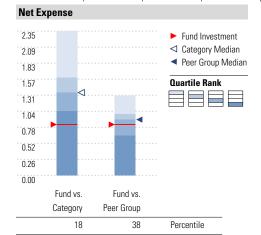
Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022

### Growth of \$10,000



## **Trailing Performance**





53/142 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

## 3-Year Risk Metrics

	Fund	Bmark	cat
Alpha	-4.14	_	-1.96
Beta	0.91	_	0.91
R-Squared	97.09	_	95.38
Standard Deviation	21.64	23.55	22.01
Sharpe Ratio	-0.21	-0.02	-0.11
Tracking Error	4.31	_	4.99
Information Ratio	-0.84	_	-0.32
Up Capture Ratio	84.82	_	90.16
Down Capture Ratio	97.62	_	96.06

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	16.78	15.19	12.77
Price/Book Ratio	1.24	1.44	1.16
Geom Avg Mkt Cap \$B	13.03	10.49	12.16
ROE	8.76	13.67	11.96



37/200

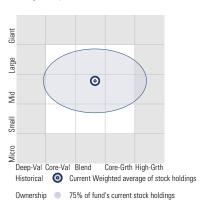
## **Invesco Global Real Estate R6** FGREX

### **Morningstar Category** Global Real Estate

Morningstar Index S&P Global REIT TR USD

### Style Analysis as of 12-31-2022

Morningstar Style Box™



### Style Breakdown

Equity

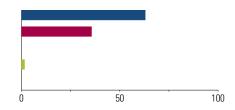
8	9	12	Lalibe
12	39	12	MIN
1	5	1	ollidii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

# Asset Allocation as of 12-31-2022



Total	100.00	100.00
Other	0.00	7.22
Cash	1.50	1.45
Bonds	0.00	2.41
Non-US Stocks	35.59	42.77
US Stocks	62.91	46.14
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	<ul> <li>Benchmark</li> </ul>	Category Average
<b>Ն</b>	Cyclical	100.00	100.00	98.38			
à.	Basic Materials	0.00	0.00	0.48	Ĭ		
4	Consumer Cyclical	0.40	0.00	0.72	Ó		
ê	Financial Services	0.00	0.04	0.14	i		
b	Real Estate	99.60	99.96	97.04			
NF	Sensitive	0.00	0.00	1.05	i)		
	Communication Services	0.00	0.00	0.09	ďi		
•	Energy	0.00	0.00	0.52	Ŏ		
þ	Industrials	0.00	0.00	0.43	İ		
1	Technology	0.00	0.00	0.01	ď		
+	Defensive	0.00	0.00	0.58	0		
Ţ	Consumer Defensive	0.00	0.00	0.08	Ŏ		
1	Healthcare	0.00	0.00	0.07	Ĭ.		
2	Utilities	0.00	0.00	0.43	Ĭ		

**Top 0 Holdings** as of 12-31-2022

YTD Return % Name % Net Asset Cumulative % Morningstar Sector

### Total Holdings 0



## JPMorgan US Equity R6 JUEMX

Morningstar Category
Large Blend

Morningstar Index S&P 500 TR USD

### Portfolio Manager(s)

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

### **Quantitative Screens**

- Performance: The fund has finished in the Large Blend category's top three quartiles in 10 of the 10 years it's been in existence
- Management: The fund's management has been in place for 8.38 years.
- Net Expense: The fund's expense ratio of 0.44 is 42.86% lower than the Large Blend category average.

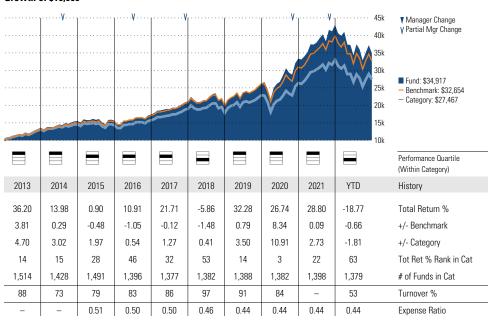
### **Morningstar Investment Management LLC Analysis**

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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.

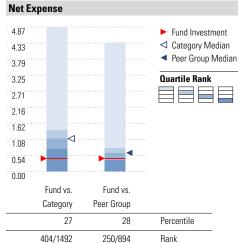
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	03-11-2022

### Growth of \$10,000







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

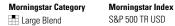
3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	2.05	_	-0.68
Beta	1.00	_	0.96
R-Squared	98.51	_	95.98
Standard Deviation	21.34	21.16	20.73
Sharpe Ratio	0.50	0.41	0.36
Tracking Error	2.60	_	3.95
Information Ratio	0.85	_	-0.83
Up Capture Ratio	101.62	_	94.55
Down Capture Ratio	94.62	_	96.96

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.75	19.03	18.29
Price/Book Ratio	4.23	3.59	4.14
Geom Avg Mkt Cap \$B	173.90	161.22	211.02
ROE	29.40	31.17	36.63



## JPMorgan US Equity R6 JUEMX

## Asset Allocation as of 12-31-2022



Net %

95.96

3.69

0.00

0.35

0.00

100.00

Cat%

94.79

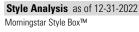
2.81

0.84

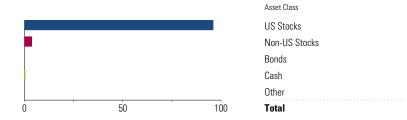
0.45

1.10

100.00







### Style Breakdown

Equity

1. /			
14	32	45	Large
1	6	1	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

Sec	tor Weighting as of 12-3	31-2022			
		Fund	Bmark	Cat	Fund • Benchmark [] Category Average
Դ	Cyclical	31.47	28.72	29.35	
A	Basic Materials	3.47	2.46	2.84	
A	Consumer Cyclical	11.09	9.56	9.83	
	Financial Services	13.91	13.89	14.27	
ŵ	Real Estate	3.00	2.81	2.41	
W	Sensitive	43.13	44.59	44.38	
	Communication Services	6.22	7.28	7.09	
ð	Energy	5.10	5.23	4.38	
Ф	Industrials	9.05	9.06	10.44	
	Technology	22.76	23.02	22.47	
<b>-</b>	Defensive	25.40	26.69	26.28	
Ħ	Consumer Defensive	4.21	7.61	7.43	
٠	Healthcare	16.13	15.90	16.05	
•	Utilities	5.06	3.18	2.80	
					0% 5 10 15 20 25 30 35 40

<b>Top 0 Holdings</b> as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector

### Total Holdings 0

## Lord Abbett Total Return R6 LTRHX

### НΧ

### Morningstar Category Morningstar Index

Intermediate Core-Plus Bond Bloomberg US Agg Bond TR USD

### Portfolio Manager(s)

Robert Lee since 08-2000 Andrew O'Brien since 10-2007 Kewjin Yuoh since 04-2012 Steven Rocco since 04-2016 Adam Castle since 04-2021 Harris Trifon since 04-2021 Leah Traub since 04-2021

### **Quantitative Screens**

Q Performance: The fund has finished in the Intermediate Core-Plus Bond category's top three quartiles in 7 of the 7 years it's been in existence.

Management: The fund's management has been in place for 22.35 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.35 is 52.7% lower than the Intermediate Core-Plus Bond category average.

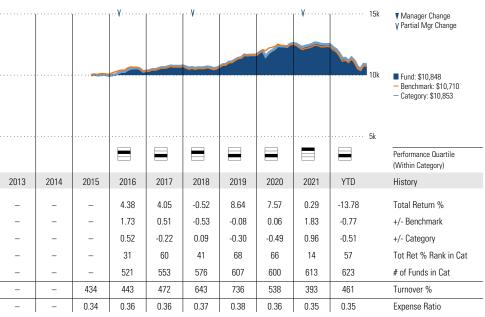
### **Morningstar Investment Management LLC Analysis**

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Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
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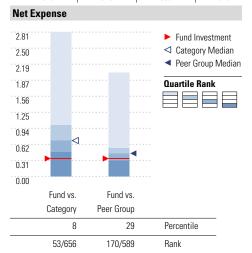
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	01-31-2023

### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 12-31-2022 Fund Benchmark Category -5 Average annual, if greater than 1 year 3 Month 1 Year 3 year 10 year Since Inception 5 year Fund Return % 1.72 -13.78-2.38 0.11 1.09 1.87 -13.01 -2.71 0.02 1.06 6.64 Benchmark Return % 1.78 -13 27 -2 43 0.15 1.25 Category Average % 56 57 47 51 % Rank in Category 646 623 565 513 # of Funds in Category



3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	0.41	_	0.42
Beta	1.01	_	1.04
R-Squared	84.02	_	80.21
Standard Deviation	6.47	5.85	6.92
Sharpe Ratio	-0.47	-0.58	-0.46
Tracking Error	2.59	-	3.09
Information Ratio	0.13	-	0.09
Up Capture Ratio	113.98	-	116.52
Down Capture Ratio	105.93	-	108.79

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	_	4.43	6.10
Avg Eff Maturity	6.34	_	8.51



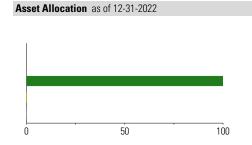
Duration

## Lord Abbett Total Return R6 LTRHX

#### **Morningstar Category** Morningstar Index

Intermediate Core-Plus Bond Bloomberg US Agg Bond TR USD





Asset Class	Net %	Cat%
US Stocks	0.00	0.02
Non-US Stocks	0.00	0.00
Bonds	99.84	103.83
Cash	0.05	-1.93
Other	0.11	-1.94
Total	100.00	100.00

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	47.96	3.53	49.80
AA	5.50	74.59	5.85
A	14.71	10.82	11.84
BBB	23.21	8.32	19.67
BB	4.19	0.28	5.52
В	2.85	0.00	2.31
Below B	0.60	0.00	1.04
Not Rated	0.98	2.46	3.97

·				0%	5	10	15	20	25	30	35	40	45	50
Other	0.00	-	6.74											
Cash & Equivalents	0.06	-	4.54	ļ										
Municipal	0.53	-	0.90	•										
Covered Bond	0.00	_	0.00	ĺ										
Asset-Backed	20.74	_	12.43											
Commercial MBS	0.00	_	1.82											
Non-Agency Residential MBS	0.48	_	0.30											
Agency MBS CMO	0.00	_	1.10	1										
Agency MBS ARM	0.00	_	0.07											
Agency MBS Pass-Through	13.02	_	15.89											
Securitized	34.24	-	31.61					-						
Preferred	0.00	_	0.31	0										
Convertible	0.12	_	0.06	ĺ										
Bank Loan	1.38	_	0.25											
Corporate Bond	45.02	_	28.87											
Corporate	46.52	-	29.49											
Other Government Related	0.37	_	7.09											
Agency/Quasi Agency	6.05	_	0.64											
Inflation – Protected	2.50	_	0.30											
Treasury	9.72	_	18.70			i i								
Government	18.64	_	26.73											
	Fund	Bmark	Cat	Fund	١ ،	Ben	chmark	[] Ca	ategory	Avera	ge			
Sector Weighting as of 12-	-31-2022													

<b>Top 0 Holdings</b> as of 12-31-2022				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector

⊕ Increase ⊕ Decrease ☼ New to Portfolio

Total Holdings 0



## PGIM Global Total Return R6 PGTQX

Morningstar Category Global Bond Morningstar Index

Bloomberg Gbl Agg Ex USD TR USD

### Portfolio Manager(s)

Robert Tipp since 09-2002 Matthew Angelucci since 10-2018 Brett Bailey since 09-2021 Gregory Peters since 07-2022

### **Quantitative Screens**

Performance: The fund has finished in the Global 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 20.27 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.52 is 40.23% lower than the Global Bond category average.

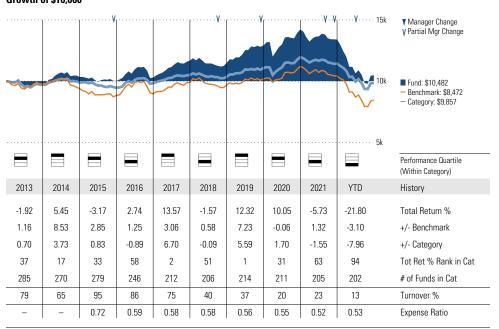
### **Morningstar Investment Management LLC Analysis**

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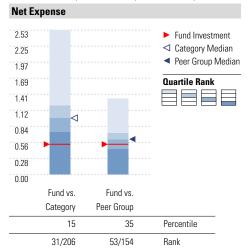
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	1	09-30-2022

### Growth of \$10,000







3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	0.17	_	0.81
Beta	1.14	_	0.87
R-Squared	82.50	_	80.23
Standard Deviation	11.47	9.17	8.97
Sharpe Ratio	-0.62	-0.71	-0.57
Tracking Error	4.96	_	4.41
Information Ratio	-0.16	_	0.31
Up Capture Ratio	124.24	_	95.47
Down Capture Ratio	119.57	_	87.17

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.94	-	5.70
Avg Eff Maturity	6.72	-	7.56



## PGIM Global Total Return R6 PGTQX

PGTQX

Asset Allocation as of 12-31-2022

Morningstar Index

Bloomberg Gbl Agg Ex USD TR USD



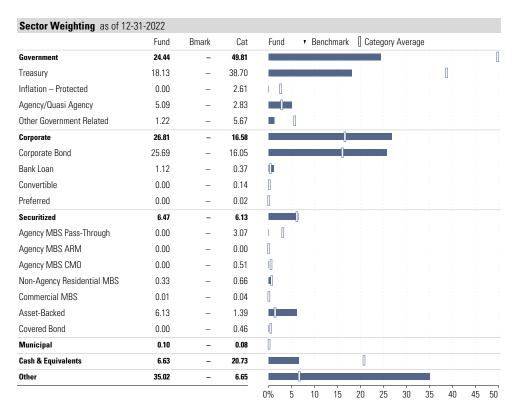
0	50	100

Oulei	2.65	-2.17
Other		
Cash	5.28	13.86
Bonds	91.74	88.18
Non-US Stocks	0.00	0.04
US Stocks	0.33	0.09
Asset Class	Net %	Cat%

**Morningstar Category** 

Global Bond

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	16.32	_	31.84
AA	8.49	_	13.22
A	16.09	_	18.05
BBB	34.18	_	19.66
BB	14.84	_	8.28
В	4.67	_	3.87
Below B	2.45	_	1.00
Not Rated	2.95	_	4.08



<b>Top 0 Holdings</b> as of 12-31-2022				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector

Total Holdings 0

 $\oplus$  Increase  $\ominus$  Decrease  $\ref{eq:Decrease}$  New to Portfolio



## PIMCO Commodity Real Ret Strat Instl PCRIX

**Morningstar Category** Commodities Broad Basket Morningstar Index

Bloomberg Commodity TR USD

### Portfolio Manager(s)

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

### **Quantitative Screens**

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

Management: The fund's management has been in place for 4.17 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.76 is 27.62% lower than the Commodities Broad Basket category average.

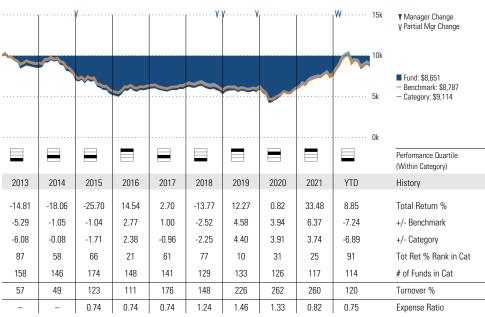
### **Morningstar Investment Management LLC Analysis**

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

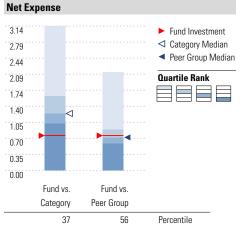
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	12-31-2022

# Growth of \$10,000







44/	118	40/72	Rank
Peer group is a	subset of the o	ategory and in	cludes funds with the
same managem	ent style (activ	e vs. passive)	and similar share class
characteristics			

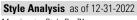
3-1 cai hisk menics			
	Fund	Bmark	Cat
Alpha	-0.73	_	0.33
Beta	1.17	_	1.03
R-Squared	95.84	_	85.73
Standard Deviation	22.31	18.64	21.05
Sharpe Ratio	0.65	0.69	0.67
Tracking Error	5.57	_	7.78
Information Ratio	0.17	_	0.09
Up Capture Ratio	113.44	_	102.74
Down Capture Ratio	116.12	_	103.18

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

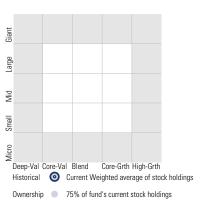


## PIMCO Commodity Real Ret Strat Instl PCRIX

## Morningstar Category Morningstar Index Commodities Broad Basket Bloomberg Commodity TR USD



Morningstar Style Box™



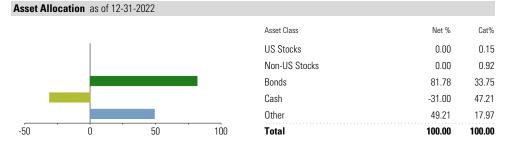


Equity



Value Blend Growth

Weight % >50 25-50 10-25 0-10



		Fund	Bmark	Cat	Fund	▼ Bei	nchmark	Cate	gory Av	/erage		
<b>Ն</b>	Cyclical	-	-	44.68								
÷.	Basic Materials	_	_	44.68								
<b>A</b>	Consumer Cyclical	_	_	0.00								
<del>,</del>	Financial Services	_	_	0.00	0							
æ	Real Estate	_	_	0.00								
W	Sensitive	-	-	51.07								
	Communication Services	_	_	0.00	ĺ							
ð	Energy	_	_	48.94								
Ф	Industrials	_	_	2.13								
	Technology	_	_	0.00	İ							
<b>—</b>	Defensive	-	-	4.26								
=	Consumer Defensive	_	_	4.26								
٠	Healthcare	_	_	0.00	ĺ							
•	Utilities	_	_	0.00	ĺ							

<b>Top 15 Holdings</b> as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ 5 Year Treasury Note Future Mar 23	24.31	24.31	_	_
	18.13	42.44	_	_
☆ Cash Offset	16.46	58.90	_	_
─ Euro Schatz Future Mar 23	13.61	72.51	_	_
─ United States Treasury Notes 0.125%	12.16	84.67	_	_
— 10 Year Treasury Note Future Mar 23	12.01	96.68	_	_
⊕ 3 Month Euribor TAS Future Mar 23	9.75	106.43	_	_
─ United States Treasury Notes 0.625%	9.70	116.12	_	_
─ U S TIPS REV REPO	9.31	125.43	_	_
⊕ U S TIPS REV REPO	8.88	134.31	_	_
⊕ TRS R 4.19/91282CDC2 MYC	7.79	142.10	_	_
⊕ Pimco Cayman Cmdty Fd Ltd Instl	7.24	149.34	_	_
⊕ United States Treasury Notes 0.125%	7.20	156.55	_	_
⊕ United States Treasury Notes 0.125%	6.28	162.82	_	_
US Treasury Bond Future Mar 23	5.85	168.67	_	_

**Total Holdings 874** 



## PIMCO High Yield Instl PHIYX

**Morningstar Category** High Yield Bond Morningstar Index

ICE BofA US High Yield TR USD

### Portfolio Manager(s)

Andrew Jessop since 01-2010 Sonali Pier since 07-2019 David Forgash since 01-2023

### **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 12.98 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.56 is 37.08% 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.





21

0.59

34

0.57

29

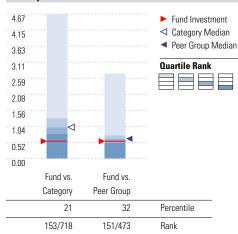
0.56

26

0.56

Turnover %

Expense Ratio



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

	Fund	Bmark	Cat
Alpha	-0.58	_	-0.09
Beta	0.92	-	0.94
R-Squared	98.34	-	94.99
Standard Deviation	10.44	11.25	10.89
Sharpe Ratio	-0.10	-0.04	-0.04
Tracking Error	1.62	-	2.51
Information Ratio	-0.32	-	-0.11
Up Capture Ratio	91.97	-	92.06
Down Capture Ratio	96.22	_	93.01

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	3.77	-	3.39
Avg Eff Maturity	5.64	-	4.98



39

25

39

0.55

32

0.55

31

0.55

25

0.57

## PIMCO High Yield Instl PHIYX

Style Analysi	<b>s</b> as of 12-31-2022
Style Breakdow	/n
Fixed Income	Quality
	High
	Mid
	Low
Ltd Mod Ex	t

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	13.12	_	2.58
AA	-0.01	_	0.16
A	0.00	_	0.28
BBB	4.64	_	5.54
BB	53.90	_	38.26
В	24.42	_	37.21
Below B	3.93	_	12.21
Not Rated	0.00	_	3.75

#### Asset Allocation as of 12-31-2022 Asset Class Cat% Net % US Stocks 0.73 0.00 Non-US Stocks 0.00 0.01 Bonds 104.21 93.67 Cash -4.58 1.76 0.36 Other 3.83 -50 Ó 50 100 150 Total 100.00 100.00

**Morningstar Category** 

High Yield Bond

**Morningstar Index** 

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

ICE BofA US High Yield TR USD

erage
erage

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
Cash Offset	_	9.60	9.60	_
⊕ CDX HY38 5Y ICE	06-2027	6.24	15.83	_
⊕ United States Treasury Notes 4.25%	10-2025	3.31	19.15	_
⊕ CDX HY39 5Y ICE	12-2027	3.14	22.28	_
⊕ Federal Home Loan Banks 4.355%	03-2023	2.48	24.76	_
United States Treasury Notes 3.25%	06-2027	2.39	27.16	_
⊕ United States Treasury Notes 4.125%	10-2027	1.35	28.50	_
数 Offset: Cash	_	1.32	29.82	_
United States Treasury Notes 2.75%	04-2027	1.24	31.06	-
⊕ United States Treasury Notes 3.875%	11-2027	1.24	32.30	_

Total Holdings 797



## PIMCO Real Return Instl PRRIX

Growth of \$10,000

-1.20

61

245

41

1.62

12

230

33

-0.39

75

241

117

0.45

0.45

25

238

102

0.45

1.20

11

234

168

0.45

-0.33

68

232

165

0.88

Morningstar Category
Inflation-Protected Bond

Morningstar Index Bloomberg US Treasury US TIPS TR USD

+/- Category

Turnover %

Expense Ratio

Tot Ret % Rank in Cat

# of Funds in Cat

### Portfolio Manager(s)

Stephen Rodosky since 01-2019 Daniel He since 12-2019

### **Quantitative Screens**

❷ Performance: The fund has finished in the InflationProtected 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 3.98 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.47 is 18.97% lower than the Inflation-Protected Bond category average.

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

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

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023

#### ▼ Manager Change V Partial Mgr Change ■ Fund: \$11,089 - Benchmark: \$11,173 - Category: \$10,960 Performance Quartile (Within Category) 2013 2014 2015 2016 2017 2018 2019 2020 2021 YTD History -9.05 3.42 -2.75 5.04 3.92 -1.97 8.52 12.09 5.67 -11.86 Total Return % -0.22 0.91 -0.71 0.09 -0.01 -0.44 -1.31 0.36 1.10 -0.29 +/- Benchmark

0.60

21

231

254

0.98

2.08

13

216

314

0.53

0.06

34

218

225

0.47

-2.88

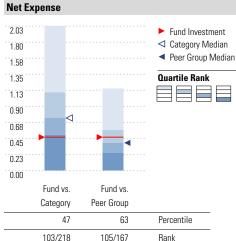
53

217

104

0.47





3- Teal hisk Wellics			
	Fund	Bmark	Cat
Alpha	0.20	_	0.15
Beta	1.04	_	0.92
R-Squared	98.62	_	88.43
Standard Deviation	7.33	7.01	6.90
Sharpe Ratio	0.11	0.08	0.11
Tracking Error	0.90	_	2.51
Information Ratio	0.26	_	-0.22
Up Capture Ratio	104.99	_	92.15
Down Capture Ratio	102.96	_	90.88

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.52	4.52	5.55
Avg Eff Maturity	5.81	_	6.37





## PIMCO Real Return Instl PRRIX

Style Analysis as of 12-31-2022

-50

50

100



Credit Rating Breakdown	Fund	Bmark	Cat
AAA	90.65	0.00	88.32
AA	5.57	99.60	3.60
A	0.79	0.00	1.66
BBB	0.66	0.00	2.25
BB	0.36	0.00	0.50
В	0.73	0.00	0.15
Below B	1.24	0.00	0.14
Not Rated	0.00	0.40	3.38

#### **Morningstar Index** Bloomberg US Treasury US TIPS TR USD Asset Allocation as of 12-31-2022 Asset Class Net % Cat% US Stocks 0.00 0.12 Non-US Stocks 0.00 0.00 Bonds 102.99 97.04 Cash -23.03 2.15 Other 20.04 0.70

Total

150

**Morningstar Category** 

Inflation-Protected Bond

4 0000					
31-2022					_
Fund	Bmark	Cat	Fund	▼ Benchmark	Category Average
77.28	-	89.94			
0.14	_	0.39			
51.31	_	84.49			
0.00	_	0.09	0		
25.83	_	4.97			
0.55	_	2.44	10		
0.27	_	2.29	10		
0.00	-	0.15			
0.00	_	0.00	j i		
0.28	_	0.00	Ò		
6.59	-	3.50			
0.19	-	0.43			
0.01	-	0.00			
0.09	-	0.10			
0.09	_	0.14			
0.00	_	0.39			
4.35	_	2.29			
1.86	_	0.15	ĵu i		
0.00	_	0.02			
3.75	-	3.04			
11.65	_	1.07	Ú		
	77.28 0.14 51.31 0.00 25.83 0.55 0.27 0.00 0.00 0.28 6.59 0.19 0.01 0.09 0.09 0.00 4.35 1.86 0.00	Fund         Bmark           77.28         —           0.14         —           51.31         —           0.00         —           25.83         —           0.55         —           0.27         —           0.00         —           0.00         —           0.28         —           0.19         —           0.01         —           0.09         —           0.09         —           0.00         —           4.35         —           1.86         —           0.00         —           3.75         —	Fund         Bmark         Cat           77.28         —         89.94           0.14         —         0.39           51.31         —         84.49           0.00         —         0.09           25.83         —         4.97           0.55         —         2.44           0.27         —         2.29           0.00         —         0.15           0.00         —         0.00           0.28         —         0.00           0.28         —         0.00           0.59         —         3.50           0.19         —         0.43           0.01         —         0.00           0.09         —         0.10           0.09         —         0.14           0.00         —         0.39           4.35         —         2.29           1.86         —         0.15           0.00         —         0.02           3.75         —         3.04	Fund         Bmark         Cat         Fund           77.28         —         89.94         —           0.14         —         0.39         ]           51.31         —         84.49         —           0.00         —         0.09         ]           25.83         —         4.97         —           0.55         —         2.44         1 []           0.27         —         2.29         1 []           0.00         —         0.15         ]           0.00         —         0.00         ]           0.28         —         0.00         ]           0.59         —         3.50         —           0.19         —         0.43         ]           0.01         —         0.00         ]           0.09         —         0.10         ]           0.09         —         0.14         ]           0.00         —         0.39         ]           4.35         —         2.29         —           1.86         —         0.15         ]           0.00         —         0.02         ] <td>Fund         Bmark         Cat         Fund         ▼ Benchmark           77.28         —         89.94           0.14         —         0.39         ]           51.31         —         84.49           0.00         —         0.09         ]           25.83         —         4.97        </td>	Fund         Bmark         Cat         Fund         ▼ Benchmark           77.28         —         89.94           0.14         —         0.39         ]           51.31         —         84.49           0.00         —         0.09         ]           25.83         —         4.97

<b>Top 10 Holdings</b> as of 12-31-2022				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ 5 Year Treasury Note Future Mar 23	04-2023	18.80	18.80	_
⊕ Euro Schatz Future Mar 23	03-2023	18.47	37.27	-
→ 10 Year Treasury Note Future Mar 23	03-2023	16.25	53.52	-
3 Month Euribor TAS Future Mar 23	03-2023	11.18	64.70	-
⊕ U S TIPS REV REPO	01-2023	9.05	73.75	-
∪ S TIPS REV REPO	01-2023	8.82	82.57	_
□ US Treasury Bond Future Mar 23	03-2023	5.86	88.43	-
☆ Offset: Unsettled Trades	_	5.53	93.96	-
🌣 Cash Offset	_	5.33	99.29	-
─ EUROPEAN MONETARY UNION EURO Purchased	01-2023	5.13	104.42	-

Total Holdings 995

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



0% 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 8590

100.00

100.00

## PIMCO Short-Term Instl PTSHX

Morningstar Category
Ultrashort Bond

Morningstar Index

Bloomberg US Agg Bond TR USD

### 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 12.01 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.45 is 2.17% lower than the Ultrashort Bond category average.

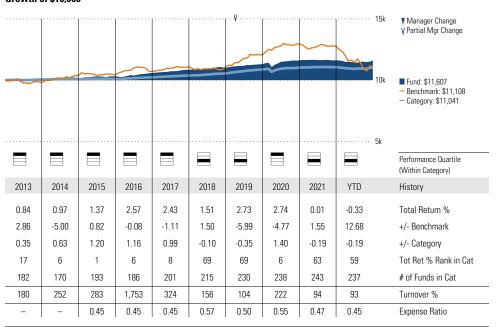
### **Morningstar Investment Management LLC Analysis**

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

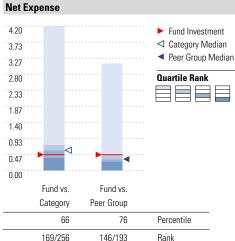
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023

### Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.15	_	0.76
Beta	0.10	_	0.12
R-Squared	5.26	_	17.12
Standard Deviation	2.47	5.85	1.94
Sharpe Ratio	0.02	-0.58	-0.30
Tracking Error	5.81	_	5.59
Information Ratio	0.62	_	0.56
Up Capture Ratio	25.96	_	22.64
Down Capture Ratio	8.66	_	11.26

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	0.09	4.43	0.72
Avg Eff Maturity	_	_	3 41

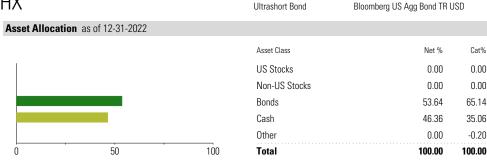




## PIMCO Short-Term Instl PTSHX

<b>Style Analysis</b>	as of 12-31-2022
Style Breakdown	
Fixed Income	Quality
	High
	Mid
	Low
Ltd Mod Ext	
Duration	

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	41.71	3.53	45.58
AA	3.49	74.59	9.37
A	25.35	10.82	22.58
BBB	28.42	8.32	16.39
BB	0.54	0.28	0.81
В	0.30	0.00	0.43
Below B	0.19	0.00	0.09
Not Rated	0.00	2.46	4.75



**Morningstar Category** 

Morningstar Index

	Fund	Bmark	Cat	Fund	▼ Benchma	ul. II Cata	gory Ave		
	Fund	Bmark		Funa		irk    Cate	gory Avei	rage	
Government	8.85	_	12.30						
Treasury	0.00	-	7.45	ļ					
Inflation – Protected	0.00	-	0.00	Ö					
Agency/Quasi Agency	1.84	_	2.01						
Other Government Related	7.01	_	2.84						
Corporate	26.43	-	32.21						
Corporate Bond	26.35	_	31.54			: :			
Bank Loan	0.08	_	0.60	i0					
Convertible	0.00	_	0.07						
Preferred	0.00	_	0.00						
Securitized	15.46	-	24.02						
Agency MBS Pass-Through	0.18	_	2.37						
Agency MBS ARM	0.09	_	0.78						
Agency MBS CMO	1.62	-	2.51						
Non-Agency Residential MBS	1.13	-	0.34	()II					
Commercial MBS	0.00	-	0.40	0					
Asset-Backed	12.44	-	17.62						
Covered Bond	0.00	_	0.00						
Municipal	0.09	_	0.92	[					
Cash & Equivalents	41.63	_	30.48						
Other	7.09	_	0.06	1					

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
☆ Cash Offset	_	38.27	38.27	_
⊕ 3 Month SOFR Future June 23	09-2023	24.63	62.90	_
○ CDX IG39 5Y ICE	12-2027	23.56	86.46	_
— 2 Year Treasury Note Future Mar 23	04-2023	15.53	101.99	-
→ 5 Year Treasury Note Future Mar 23	04-2023	10.92	112.91	_
	09-2024	9.48	122.39	_
⊕ IRS USD R 3ML/1ML+9.75 01/13/22-23 CME Pay	01-2023	6.70	129.09	_
⊕ IRS USD R 3ML/1ML+9.75 01/13/22-23 CME Receive	01-2023	6.70	135.79	_
⊕ IRS USD R 3ML/1ML+9.8 01/13/22-23 CME Pay	01-2023	5.13	140.92	_
⊕ IRS USD R 3ML/1ML+9.8 01/13/22-23 CME Receive	01-2023	5.13	146.05	_

Total Holdings 1172



## Vanguard 500 Index Admiral VFIAX

## Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

### Portfolio Manager(s)

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

### Quantitative Screens

- Performance: The fund has finished in the Large Blend category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 6.68 years.
- Net Expense: The fund's expense ratio of 0.04 is 94.81% 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	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 12-31-2022 10 ■ Fund Benchmark 0 Category -5 -10 -15 Average annual, if greater than 1 year 3 Month 1 Year 3 year 10 year Since Inception 5 year Fund Return % 7.55 -18.15 7.62 9.39 12.52 6.85 10.61 7.56 -18.11 7.66 9.42 12.56 Benchmark Return % 8 27 -16 96 6 88 11.31 8 26 Category Average % 59 52 33 25 13 % Rank in Category 1.441 1.379 1.247 1.137 837 # of Funds in Category



3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.04	_	-0.68
Beta	1.00	_	0.96
R-Squared	100.00	_	95.98
Standard Deviation	21.17	21.16	20.73
Sharpe Ratio	0.41	0.41	0.36
Tracking Error	0.01	_	3.95
Information Ratio	-3.96	_	-0.83
Up Capture Ratio	99.95	_	94.55
Down Capture Ratio	100.07	_	96.96

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.04	19.03	18.29
Price/Book Ratio	3.59	3.59	4.14
Geom Avg Mkt Cap \$B	161.35	161.22	211.02
ROE	31.18	31.17	36.63





# $\textbf{Vanguard 500 Index Admiral} \quad \forall \mathsf{FIAX}$

# Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

### Style Analysis as of 12-31-2022

Morningstar Style Box™



### Style Breakdown

Equity

16	30	38	Large
5	8	3	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

### Asset Allocation as of 12-31-2022



Total	100.00	100.00
Other	0.00	1.10
Cash	0.33	0.45
Bonds	0.00	0.84
Non-US Stocks	1.12	2.81
US Stocks	98.54	94.79
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-	31-2022			
		Fund	Bmark	Cat	Fund Benchmark Category Average
Դ	Cyclical	28.67	28.72	29.35	
A	Basic Materials	2.46	2.46	2.84	
A	Consumer Cyclical	9.57	9.56	9.83	
ı,	Financial Services	13.84	13.89	14.27	
命	Real Estate	2.80	2.81	2.41	
W	Sensitive	44.61	44.59	44.38	
	Communication Services	7.28	7.28	7.09	
•	Energy	5.24	5.23	4.38	
Ф	Industrials	9.06	9.06	10.44	
	Technology	23.03	23.02	22.47	
<b>-</b>	Defensive	26.71	26.69	26.28	
Ħ	Consumer Defensive	7.61	7.61	7.43	
+	Healthcare	15.91	15.90	16.05	
•	Utilities	3.19	3.18	2.80	
					0% 5 10 15 20 25 20 25 40 41

<b>Top 15 Holdings</b> as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	6.03	6.03	-26.32	Technology
	5.55	11.58	-27.94	Technology
⊕ Amazon.com Inc	2.31	13.90	-49.62	Consumer Cyclical
⊕ Berkshire Hathaway Inc Class B	1.73	15.63	3.31	Financial Services
Alphabet Inc Class A	1.64	17.26	-39.09	Communication Svc
⊕ UnitedHealth Group Inc	1.54	18.80	6.86	Healthcare
	1.46	20.26	-38.67	Communication Svc
⊕ Johnson & Johnson	1.43	21.69	5.86	Healthcare
─ Exxon Mobil Corp	1.41	23.10	86.06	Energy
⊕ JPMorgan Chase & Co	1.22	24.32	-12.79	Financial Services
⊕ NVIDIA Corp	1.13	25.45	-50.26	Technology
⊕ Procter & Gamble Co	1.12	26.57	-5.14	Consumer Defensive
⊕ Visa Inc Class A	1.05	27.62	-3.40	Financial Services
⊕ Tesla Inc	1.03	28.64	-65.03	Consumer Cyclical
⊕ The Home Depot Inc	1.00	29.65	-22.06	Consumer Cyclical

Total Holdings 509



## Vanguard Developed Markets Index Admiral VTMGX

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

### 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 9.86 years.

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

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

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

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
FSG Commitment	1-l ow	02-15-2022

### Growth of \$10,000



#### **Trailing Performance Total Return %** 20% as of 12-31-2022 ■ Fund 10 Benchmark Category -5 -10 -15 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year 17.11 -15.32 1.33 1.67 4.92 3.94 Fund Return % 14.28 -16.00 0.07 0.88 3.80 4.35 Benchmark Return % 15.95 -15 84 0.55 1.15 4 26 Category Average % 37 47 28 35 20 % Rank in Category

440

630



763

723

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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.47	_	0.80
Beta	1.08	_	1.03
R-Squared	96.85	_	94.10
Standard Deviation	21.45	19.53	20.67
Sharpe Ratio	0.13	0.06	0.09
Tracking Error	4.12	_	5.04
Information Ratio	0.30	_	0.14
Up Capture Ratio	113.94	_	106.74
Down Capture Ratio	108.59	_	104.08

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	11.90	11.94	12.68
Price/Book Ratio	1.45	1.58	1.72
Geom Avg Mkt Cap \$B	27.03	39.70	47.23
ROE	17.78	18.39	20.83



# of Funds in Category

791

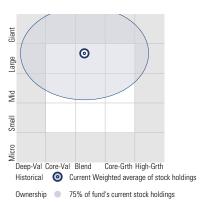
# Vanguard Developed Markets Index Admiral VTMGX

## **Morningstar Category**Foreign Large Blend

### **Morningstar Index** MSCI ACWI Ex USA NR USD

### Style Analysis as of 12-31-2022

Morningstar Style Box™



### Style Breakdown

Equity

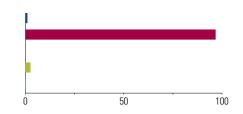
		2 1
31	9	2
24	6	2

Value Blend Growth

### Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.12	1.19
Cash	2.41	1.20
Bonds	0.00	0.21
Non-US Stocks	96.62	94.64
US Stocks	0.84	2.74
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	•	Benchr	nark	Categ	jory Ave	erage		
Դ	Cyclical	41.39	42.57	39.16									1
A.	Basic Materials	8.33	8.36	7.62			ľ						
<b>A</b>	Consumer Cyclical	10.21	10.81	10.55									
<del>,</del>	Financial Services	19.14	20.80	18.85					<b>=</b> []				
æ	Real Estate	3.71	2.60	2.14									
W	Sensitive	35.64	35.51	35.36									
	Communication Services	4.53	6.32	5.22									
ð	Energy	5.83	6.11	5.65									
Ф	Industrials	15.73	12.12	14.57									
	Technology	9.55	10.96	9.92			<b>=</b> [						
<b>—</b>	Defensive	22.98	21.90	25.48				•					
=	Consumer Defensive	8.64	8.69	10.07			<b>[</b>						
+	Healthcare	11.20	10.00	12.47			<u> </u>						
•	Utilities	3.14	3.21	2.94									

### World Regions % Equity 12-31-2022



Greater Asia	Fund % 36.24	Cat % 35.26	
Japan	20.54	18.06	
Australasia	7.45	5.40	
Asia-4 Tigers	8.06	6.66	
Asia-ex 4 Tigers	0.19	5.14	
Not Classified	0.00	0.00	

Americas	Fund % 10.76	Cat % 8.84	Greater Europe	Fund % 53.00	Cat % 55.90	Market Maturity	Fund %
North America Central/Latin	10.67 0.09	7.61 1.23	United Kingdom W euro-ex UK Emrgng Europe	12.40 39.66 0.28	13.78 40.87 0.06	Developed Markets Emerging Markets Not Available	99.43 0.57 0.00
			Africa	0.66	1.19		

<b>Top 10 Holdings</b> as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
① Nestle SA	1.57	1.57	-14.50	Consumer Defensive
	1.52	3.09	_	_
⊕ ASML Holding NV	1.11	4.20	-27.89	Technology
⊕ Roche Holding AG	1.10	5.31	-21.78	Healthcare
Samsung Electronics Co Ltd	1.09	6.39	-	Technology
⊕ Novo Nordisk A/S Class B	1.07	7.47	29.42	Healthcare
Shell PLC	1.01	8.48	41.13	Energy
⊕ AstraZeneca PLC	1.01	9.49	25.04	Healthcare
○ Novartis AG	0.92	10.41	6.63	Healthcare
⊕ LVMH Moet Hennessy Louis Vuitton SE	0.92	11.33	-4.90	Consumer Cyclical

### Total Holdings 4091

 $\oplus$  Increase  $\ominus$  Decrease  $\ref{eq:Decrease}$  New to Portfolio



## Vanguard International Value Inv VTRIX

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

### 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**

- Performance: The fund has finished in the Foreign Large Value category's top three quartiles in 8 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 12.6 years.
- Net Expense: The fund's expense ratio of 0.36 is 63.27% lower than the Foreign Large Value category average.

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

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

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	01-31-2023
Carbon Risk Score	Medium Risk	12-31-2022

### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 12-31-2022 ■ Fund 10 Benchmark Category -5 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 yea 5 year Fund Return % 15.76 -11.66 1.30 1.36 4.31 8.07 17.34 -14.45 0.87 1.54 4.67 8.22 Benchmark Return % 18 02 -9 N9 0.89 0.66 3 61 Category Average % 82 75 40 27 25 % Rank in Category 375 356 326 303 180 # of Funds in Category



3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.66	_	0.43
Beta	1.04	_	1.04
R-Squared	92.63	_	90.02
Standard Deviation	21.95	20.25	22.18
Sharpe Ratio	0.13	0.10	0.12
Tracking Error	6.02	_	7.29
Information Ratio	0.07	-	0.01
Up Capture Ratio	101.35	-	102.04
Down Capture Ratio	99.77	-	101.68

Portfolio Metrics										
	Fund	Bmark	Cat							
Price/Earnings Ratio	12.12	12.65	9.31							
Price/Book Ratio	1.53	1.56	1.15							
Geom Avg Mkt Cap \$B	28.83	43.46	32.72							
ROE	16.05	19.18	17.40							





# Vanguard International Value Inv VTRIX

## Morningstar CategoryMorningstar IndexForeign Large ValueMSCI EAFE NR USD

### Style Analysis as of 12-31-2022

Morningstar Style Box™



### Style Breakdown

Equity

27	36	17	Large
6	8	4	Mid
1	1	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100 00	100 00
Other	0.00	0.19
Cash	4.06	1.66
Bonds	0.00	0.14
Non-US Stocks	92.25	95.13
US Stocks	3.70	2.88
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-3	31-2022												
		Fund	Bmark	Cat	Fund	•	Bench	mark	[] Categ	jory Ave	erage		_	
<u></u>	Cyclical	43.79	39.68	43.07										
Å.	Basic Materials	10.74	7.81	9.19										
A	Consumer Cyclical	16.72	10.37	10.30										
æ	Financial Services	15.12	18.69	22.00					1 0					
<b>fi</b>	Real Estate	1.21	2.81	1.58	<b>[</b> ]									
W	Sensitive	39.54	32.96	35.10										
0	Communication Services	6.97	4.93	6.46										
•	Energy	6.92	5.06	8.09		•								
<b>O</b>	Industrials	17.44	14.88	14.13			- :							
	Technology	8.21	8.09	6.42			ľ							
<b>→</b>	Defensive	16.66	27.36	21.83										
Ħ	Consumer Defensive	6.21	10.37	7.98										
٠	Healthcare	7.77	13.71	10.35			. [	'						
•	Utilities	2.68	3.28	3.50										
					0%	5	10	15	20	25	30	35	40	45

### World Regions % Equity 12-31-2022



	Fund %	Cat %
Greater Asia	40.34	31.96
Japan	10.52	17.50
Australasia	0.93	4.09
Asia-4 Tigers	12.63	7.20
Asia-ex 4 Tigers	16.26	3.17
Not Classified	0.00	0.00

Americas	Fund % 9.51	Cat % 8.66	Greater Europe	Fund % 50.14	Cat % 59.39	Market Maturity	Fund %
North America	6.06	7.54	United Kingdom	14.97	17.54	Developed Markets	79.78
Central/Latin	3.45	1.12	W euro-ex UK	34.57	41.25	Emerging Markets	20.22
			Emrgng Europe	0.00	0.13	Not Available	0.00
			Africa	0.60	0.47		

<b>Top 10 Holdings</b> as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	3.37	3.37	_	_
⊕ Alibaba Group Holding Ltd Ordinary Shares	2.07	5.44	-25.68	Consumer Cyclical
⊕ AIA Group Ltd	1.81	7.25	17.53	Financial Services
⊕ BP PLC	1.61	8.86	40.92	Energy
	1.61	10.47	0.80	Industrials
	1.56	12.03	7.68	Basic Materials
	1.37	13.40	41.32	Energy
→ HSBC Holdings PLC	1.37	14.77	13.95	Financial Services
⇒ Sands China Ltd Shs Unitary 144A/Reg S	1.17	15.94	54.39	Consumer Cyclical
RELX PLC	1.16	17.10	-7.61	Communication Svc

### Total Holdings 224



## Vanguard Mid-Cap Growth Index Admiral VMGMX

## Morningstar Category Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

### Portfolio Manager(s)

Donald Butler since 02-2013 Awais Khan since 07-2021 Aurélie Denis since 02-2023

### **Quantitative Screens**

Q 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 9.86 years.

Net Expense: The fund's expense ratio of 0.07 is 93.14% lower than the Mid-Cap Growth category average.

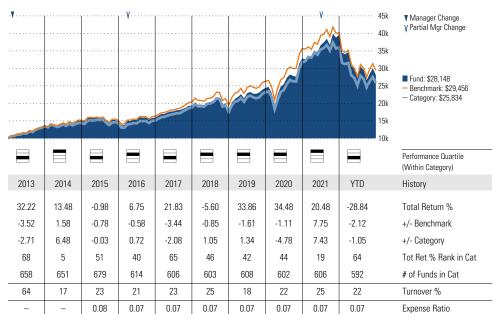
### **Morningstar Investment Management LLC Analysis**

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.

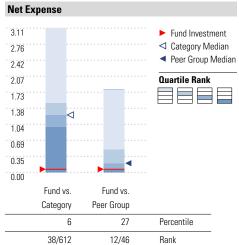
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

### Growth of \$10,000



#### **Trailing Performance Total Return %** 15% as of 12-31-2022 10 ■ Fund Benchmark 0 Category -10 -15 -20 -25 -30 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 yea 5 year Fund Return % 5.69 -28.84 4.86 7.81 10.90 11.37 6.90 -26.72 3.85 7.64 11.41 10.55 Benchmark Return % 5.07 -27 79 7.09 10.67 4 14 Category Average % 51 64 42 40 45 % Rank in Category 595 592 540 505 395 # of Funds in Category



3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.01	_	0.30
Beta	1.00	_	0.98
R-Squared	98.86	_	91.63
Standard Deviation	24.98	24.87	25.73
Sharpe Ratio	0.28	0.24	0.24
Tracking Error	2.67	-	7.31
Information Ratio	0.38	-	-0.10
Up Capture Ratio	102.23	-	99.65
Down Capture Ratio	99.40	_	99.89

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	24.13	22.87	25.56
Price/Book Ratio	4.29	5.66	4.02
Geom Avg Mkt Cap \$B	23.11	19.63	16.01
ROE	21.14	28.34	19.80



# Vanguard Mid-Cap Growth Index Admiral VMGMX

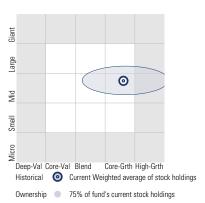
## Morningstar Category Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

### Style Analysis as of 12-31-2022

Morningstar Style Box™



### Style Breakdown

Equity

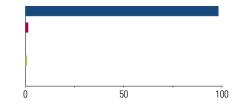
0	10	12	Large
2	32	43	MIG
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

### Asset Allocation as of 12-31-2022



Total	100.00	100.00
Other	0.00	0.44
Cash	0.66	2.48
Bonds	0.00	0.09
Non-US Stocks	1.25	3.72
US Stocks	98.09	93.28
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	▼ Be	nchma	rk	Categ	ory A	/erage		
ŀ	Cyclical	27.75	27.21	28.68									
ė.	Basic Materials	3.87	2.81	2.25									
<b>A</b>	Consumer Cyclical	11.27	16.33	13.13									
<b>,</b>	Financial Services	5.49	5.91	9.97		0							
è	Real Estate	7.12	2.16	3.33									
M	Sensitive	54.62	52.02	47.54									
₫	Communication Services	4.72	3.33	2.83									
•	Energy	7.58	5.11	3.28									
Ф	Industrials	13.46	16.44	15.10			<b>I</b>						
	Technology	28.86	27.14	26.33									
<b>→</b>	Defensive	17.64	20.77	23.76				- : '					
=	Consumer Defensive	1.35	3.30	2.88									
٠	Healthcare	16.29	17.13	20.17			·						
•	Utilities	0.00	0.34	0.71	i								

<b>Top 15 Holdings</b> as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	1.66	1.66	-12.02	Technology
⊕ Cadence Design Systems Inc	1.62	3.28	-13.80	Technology
DexCom Inc	1.60	4.88	-15.64	Healthcare
⊕ Motorola Solutions Inc	1.58	6.46	-3.95	Technology
Devon Energy Corp	1.47	7.94	51.37	Energy
⊕ Realty Income Corp	1.46	9.40	-7.25	Real Estate
	1.44	10.84	93.60	Energy
⊕ Cintas Corp	1.43	12.27	2.85	Industrials
	1.42	13.69	-17.98	Technology
☐ IQVIA Holdings Inc	1.40	15.08	-27.38	Healthcare
○ Cheniere Energy Inc	1.37	16.45	49.23	Energy
⊕ Enphase Energy Inc	1.32	17.77	44.83	Technology
→ MSCI Inc	1.30	19.07	-23.33	Financial Services
Waste Connections Inc	1.25	20.32	-2.03	Industrials
⊕ TransDigm Group Inc	1.19	21.51	1.87	Industrials

Total Holdings 169



## Vanguard Mid-Cap Value Index Admiral VMVAX

Morningstar Category Mid-Cap Value

Morningstar Index

Russell Mid Cap Value TR USD

### Portfolio Manager(s)

Donald Butler since 08-2006 Awais Khan since 07-2021 Aurélie Denis since 02-2023

### **Quantitative Screens**

Performance: The fund has finished in the Mid-Cap 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 16.38 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 92.86% lower than the Mid-Cap Value category average.

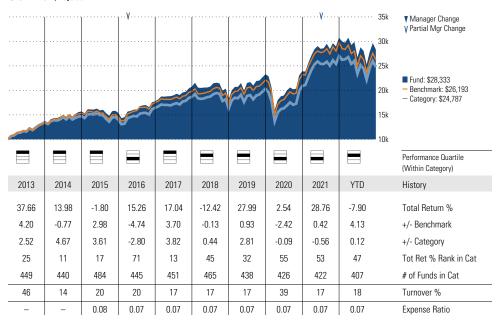
### **Morningstar Investment Management LLC Analysis**

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

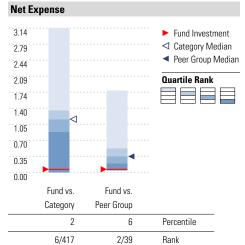
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	01-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 12-31-2022 Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 3 year 10 year Since Inception 5 year Fund Return % 12.11 -7.90 6.74 6.39 10.98 12.03 10.45 -12.03 5.82 5.72 10.11 11.21 Benchmark Return % 11.81 -8 N2 6.82 5 96 9 58 Category Average % 46 47 50 40 13 % Rank in Category 416 407 395 374 274 # of Funds in Category



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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.98	_	0.86
Beta	0.96	_	0.99
R-Squared	99.20	_	95.83
Standard Deviation	24.01	24.79	25.07
Sharpe Ratio	0.36	0.32	0.35
Tracking Error	2.32	_	5.36
Information Ratio	0.39	_	0.13
Up Capture Ratio	97.60	_	98.80
Down Capture Ratio	94.49	_	96.45

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	13.43	13.97	12.92
Price/Book Ratio	2.15	2.06	1.88
Geom Avg Mkt Cap \$B	21.77	16.01	12.31
ROE	19.85	15.78	17.41

M RNINGSTAR



# Vanguard Mid-Cap Value Index Admiral VMVAX

## Morningstar Category Mid-Cap Value

### Morningstar Index

Russell Mid Cap Value TR USD

### Style Analysis as of 12-31-2022

Morningstar Style Box™



### Style Breakdown

Equity

3	5	2	Large
39	47	3	Mid
0	0	0	Small
Value	Blend	Growth	

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	0.40
Cash	0.41	2.42
Bonds	0.00	0.01
Non-US Stocks	1.63	6.46
US Stocks	97.96	90.71
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fun	d	▼ Ben	chmar	k [] C	ategory	Avera	ge		
b	Cyclical	43.78	45.64	42.06										
ů.	Basic Materials	5.46	6.13	5.40										
4	Consumer Cyclical	8.42	10.44	11.17			<b>–</b> []							
<u></u>	Financial Services	19.07	17.74	19.04										
b	Real Estate	10.83	11.33	6.45										
NI	Sensitive	27.26	33.31	34.28								0		
	Communication Services	2.53	3.29	3.07										
9	Energy	4.62	5.54	6.21										
\$	Industrials	13.10	14.82	16.35										
3	Technology	7.01	9.66	8.65										
+	Defensive	28.95	21.05	23.65										
Ę	Consumer Defensive	6.87	4.43	6.57										
1	Healthcare	8.50	7.55	10.58										
?	Utilities	13.58	9.07	6.50			٧.							

<b>Top 15 Holdings</b> as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
○ Centene Corp	1.48	1.48	-0.47	Healthcare
○ Corteva Inc	1.35	2.83	25.55	Basic Materials
	1.27	4.10	12.32	Financial Services
○ Carrier Global Corp Ordinary Shares	1.10	5.20	-22.78	Industrials
⇒ PG&E Corp	1.09	6.29	33.94	Utilities
○ Consolidated Edison Inc	1.08	7.36	15.41	Utilities
⇒ Nucor Corp	1.08	8.44	17.23	Basic Materials
→ Ameriprise Financial Inc	1.06	9.50	4.84	Financial Services
→ VICI Properties Inc Ordinary Shares	1.03	10.53	12.59	Real Estate
→ PACCAR Inc	0.99	11.52	16.88	Industrials
⊖ Keysight Technologies Inc	0.97	12.49	-17.16	Technology
→ Dollar Tree Inc	0.95	13.44	0.65	Consumer Defensive
⊖ Rockwell Automation Inc	0.94	14.39	-24.86	Industrials
→ WEC Energy Group Inc	0.94	15.33	-0.41	Utilities
∃ Baker Hughes Co Class A	0.94	16.27	25.77	Energy

**Total Holdings 198** 



## Vanguard Small Cap Growth Index Admiral VSGAX

Morningstar Category

Small Growth

Morningstar Index

Russell 2000 Growth TR USD

### Portfolio Manager(s)

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

### **Quantitative Screens**

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

Management: The fund's management has been in place for 18.01 years.

imes Style: The fund has landed in its primary style box — Small Growth — 54.55 % of the time over the past three years

Net Expense: The fund's expense ratio of 0.07 is 94.12% lower than the Small Growth category average.

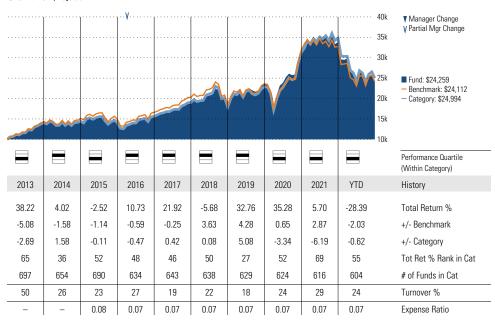
### **Morningstar Investment Management LLC Analysis**

This fund fails our style screen but its portfolio positioning remains consistent with the benchmark index it tracks.

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	01-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

### Growth of \$10,000



#### **Trailing Performance Total Return %** 15% as of 12-31-2022 10 ■ Fund Benchmark 0 Category -10 -15 -20 -25 -30 Average annual, if greater than 1 year 3 Month 1 Year Since Inception 3 year 5 year 10 year 3.02 -28.39 0.79 5.10 9.27 10.51 Fund Return % 4.13 -26.36 0.65 3.51 9.20 9.20 Benchmark Return % -27 77 4.18 4 05 6 60 10.20 Category Average % 68 55 80 71 72 % Rank in Category 617 604 576 534 405 # of Funds in Category

		'	'
<b>Net Expe</b>	ense		
6.02			► Fund Investment
5.35			Category Median
4.68			<ul> <li>Peer Group Median</li> </ul>
4.01			Quartile Rank
3.34			
2.68			
2.01			
1.34	□ < □ < □		
0.67			
0.00		····	
1	Fund vs.	Fund vs.	
C	Category	Peer Group	
	1	25	Percentile
	7/623	8/33	Rank

3- Tear hisk Wellics			
	Fund	Bmark	Cat
Alpha	0.12	_	2.83
Beta	0.95	_	0.95
R-Squared	96.74	_	91.46
Standard Deviation	25.67	26.57	26.53
Sharpe Ratio	0.12	0.12	0.22
Tracking Error	4.82	_	7.92
Information Ratio	0.03	_	0.35
Up Capture Ratio	97.98	_	101.46
Down Capture Ratio	97.66	-	94.05

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.99	13.28	21.13
Price/Book Ratio	3.26	3.39	3.57
Geom Avg Mkt Cap \$B	4.85	2.51	4.52
ROE	10.83	12.50	12.24



# Vanguard Small Cap Growth Index Admiral VSGAX

Morningstar Category

Small Growth

Morningstar Index

Russell 2000 Growth TR USD

### Style Analysis as of 12-31-2022

Morningstar Style Box™



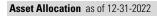
### Style Breakdown

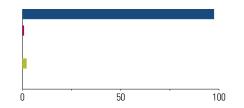
Equity

0	0	0	Large
1	17	20	Mid
5	28	28	Small
Value	Blend	Growth	

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	0.76
Cash	1.98	2.51
Bonds	0.00	0.01
Non-US Stocks	0.66	4.22
US Stocks	97.36	92.50
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	l	▼ Ben	chmarl	k [] (	Catego	ory Av	erag	е	
ŀ	Cyclical	24.85	22.65	25.63							]			
ů.	Basic Materials	2.23	4.78	2.79			į							
4	Consumer Cyclical	11.99	9.82	11.03										
ê	Financial Services	4.31	5.84	9.28		• '								
ŧ	Real Estate	6.32	2.21	2.53										
MI	Sensitive	49.44	47.52	46.46										
d	Communication Services	2.60	2.15	1.84			_							
	Energy	4.87	7.42	4.36		0	'		_					
¢	Industrials	15.87	17.17	17.68										
3	Technology	26.10	20.78	22.58					- '			<u>:</u>		
<b>→</b>	Defensive	25.72	29.82	27.91							[			
	Consumer Defensive	3.66	4.88	4.70		I [								
٠	Healthcare	21.48	23.09	22.23						[				
•	Utilities	0.58	1.85	0.98	• •									

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Slcmt1142	1.82	1.82	_	_
→ Targa Resources Corp	0.92	2.74	43.38	Energy
⊖ Fair Isaac Corp	0.82	3.56	38.03	Technology
⊖ Bio-Techne Corp	0.72	4.28	-35.67	Healthcare
→ PTC Inc	0.70	4.98	-0.92	Technology
○ Nordson Corp	0.67	5.65	-5.97	Industrials
The Toro Co	0.65	6.30	14.54	Industrials
∋ Liberty Formula One Group C	0.65	6.95	-5.47	Communication Svc
⇒ Neurocrine Biosciences Inc	0.63	7.58	40.24	Healthcare
Graco Inc	0.62	8.20	-15.53	Industrials
	0.62	8.82	5.69	Industrials
⊖ Equity Lifestyle Properties Inc	0.60	9.42	-24.44	Real Estate
⇒ Sarepta Therapeutics Inc	0.60	10.01	43.90	Healthcare
⇒ Deckers Outdoor Corp	0.58	10.60	8.97	Consumer Cyclical
Darling Ingredients Inc	0.55	11.15	-9.67	Consumer Defensive

**Total Holdings 697** 



# Vanguard Small Cap Value Index Admiral VSIAX

**Morningstar Category** ■ Small Value

Morningstar Index

Russell 2000 Value TR USD

### Portfolio Manager(s)

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

### Quantitative Screens

- Performance: The fund has finished in the Small Value category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 6.68 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 93.86% lower than the Small Value category average.

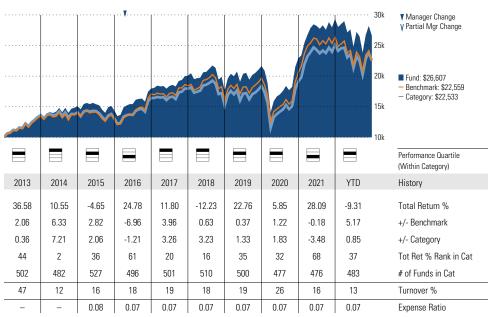
### **Morningstar Investment Management LLC Analysis**

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

### **ESG Metrics**

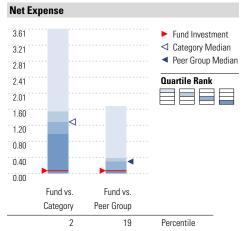
Metric	Rating	Updated
Sustainability Rating	4	01-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

### Growth of \$10,000



## **Trailing Performance**





	8/499	9/48	Rank	
Peer group	is a subset of t	he category and	d includes fun	ds with the
same man	agement style (a	active vs. passiv	ve) and simila	r share class
characteris	etice			

3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	2.45	_	2.07
Beta	0.96	_	0.99
R-Squared	97.83	_	95.05
Standard Deviation	26.84	27.66	28.15
Sharpe Ratio	0.36	0.27	0.34
Tracking Error	4.11	_	6.45
Information Ratio	0.59	_	0.30
Up Capture Ratio	99.22	_	101.40
Down Capture Ratio	92.77	_	96.46

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	10.13	9.22	11.62
Price/Book Ratio	1.70	1.27	1.60
Geom Avg Mkt Cap \$B	4.90	1.83	3.75
ROE	18.23	7.83	16.18



# Vanguard Small Cap Value Index Admiral VSIAX

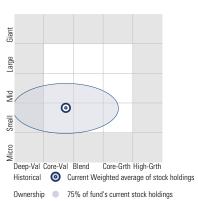
# Morningstar Category Small Value

Morningstar Index

Russell 2000 Value TR USD

### Style Analysis as of 12-31-2022

Morningstar Style Box™



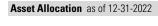
### Style Breakdown

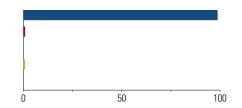
Equity

. ,			
0	0	0	Large
17	19	5	Mid
28	27	4	Small
Value	Blend	Growth	

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	-0.09
Cash	0.65	2.15
Bonds	0.00	0.01
Non-US Stocks	0.70	3.16
US Stocks	98.65	94.78
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	▼ Ben	chmar	k [	Categ	ory Av	erage		
Ն	Cyclical	50.02	53.37	51.23									•
A	Basic Materials	6.05	3.54	5.91									
Д	Consumer Cyclical	12.07	10.46	13.69		-\							
ê	Financial Services	21.17	26.33	24.71									
ŧ	Real Estate	10.73	13.04	6.92			'						
M	Sensitive	34.67	27.36	35.63									
₫	Communication Services	1.99	2.76	1.82									
ð	Energy	5.81	5.77	6.46									
<b>Ģ</b>	Industrials	20.00	12.28	18.23		_ : <b>V</b>							
	Technology	6.87	6.55	9.12	· · · · · ·			_					
<b>→</b>	Defensive	15.31	19.27	13.13				1					
-	Consumer Defensive	4.57	3.50	4.03									
٠	Healthcare	5.76	10.57	6.21		*							
•	Utilities	4.98	5.20	2.89									

<b>Top 15 Holdings</b> as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ IDEX Corp	0.67	0.67	-2.39	Industrials
Steel Dynamics Inc	0.63	1.30	59.59	Basic Materials
⊕ Atmos Energy Corp	0.61	1.91	9.62	Utilities
⊕ APA Corp	0.58	2.50	75.92	Energy
→ Bunge Ltd	0.58	3.07	9.33	Consumer Defensive
⊕ Howmet Aerospace Inc	0.57	3.64	24.13	Industrials
⊕ Booz Allen Hamilton Holding Corp Class A	0.54	4.18	25.30	Industrials
	0.52	4.71	-	-
⊕ First Horizon Corp	0.51	5.22	53.70	Financial Services
⊕ Kimco Realty Corp	0.51	5.72	-10.67	Real Estate
⊕ Gaming and Leisure Properties Inc	0.49	6.22	12.81	Real Estate
⊕ United Therapeutics Corp	0.49	6.71	28.70	Healthcare
Ovintiv Inc	0.49	7.20	53.29	Energy
⊕ RPM International Inc	0.49	7.69	-1.91	Basic Materials
⊕ Carlisle Companies Inc	0.47	8.16	-3.99	Industrials

**Total Holdings 865** 

