# American Century Real Estate R6 AREDX

Morningstar Category Real Estate Morningstar Index

S&P United States REIT TR USD

## Portfolio Manager(s)

Steven Brown since 11-2008 Steven Rodriguez since 12-2009 Vishal Govil since 12-2011

#### **Quantitative Screens**

Performance: The fund has finished in the Real Estate category's top three quartiles in 8 of the 8 years it's been in existence

Management: The fund's management has been in place for 13.13 years.

Net Expense: The fund's expense ratio of 0.81 is 23.58% lower than the Real Estate category average.

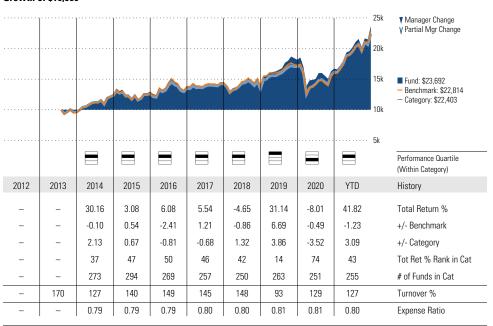
#### **Morningstar Investment Management LLC Analysis**

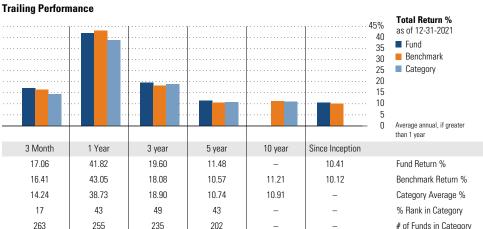
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

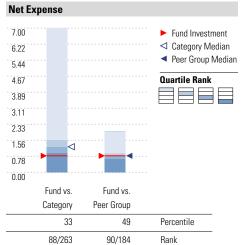
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Medium Risk	09-30-2021

## Growth of \$10,000







3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	2.59	_	2.48
Beta	0.92	_	0.92
R-Squared	96.05	_	93.00
Standard Deviation	18.60	19.89	19.01
Sharpe Ratio	1.02	0.90	1.02
Tracking Error	4.05	_	5.07
Information Ratio	0.38	_	0.42
Up Capture Ratio	101.30	_	98.38
Down Capture Ratio	94.61	_	90.01

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	37.40	38.46	37.45
Price/Book Ratio	3.57	2.42	3.24
Geom Avg Mkt Cap \$B	29.16	9.35	29.84
ROE	15.43	9.56	15.04



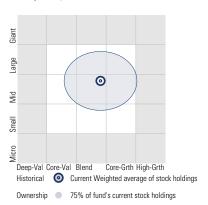
# American Century Real Estate R6 AREDX

Asset Allocation as of 12-31-2021

# Morningstar Category Morningstar Index Real Estate S&P United States REIT TR USD

# Style Analysis as of 12-31-2021

Morningstar Style Box™



#### Style Breakdown

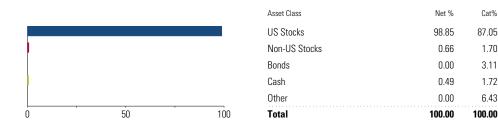
Equity

0	30	0	Large
6	37	14	Mid
0	10	3	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



		Fund	Bmark	Cat	Fund	<ul><li>Benchmark</li></ul>	Category Average
b	Cyclical	98.45	99.13	98.87			
à.	Basic Materials	0.66	0.00	0.10	Ď		
	Consumer Cyclical	0.00	0.13	1.95	io i		
<u></u>	Financial Services	0.00	0.00	0.24	Ď		
b	Real Estate	97.79	99.00	96.58			
NF	Sensitive	1.55	0.87	1.11	0		
	Communication Services	0.00	0.00	0.32	i i		
	Energy	0.00	0.00	0.01	<u> </u>		
<b>}</b>	Industrials	0.00	0.87	0.24	ď		
1	Technology	1.55	0.00	0.54	b l		
+	Defensive	0.00	0.00	0.02	ĺ		
7	Consumer Defensive	0.00	0.00	0.00			
1	Healthcare	0.00	0.00	0.00			
1	Utilities	0.00	0.00	0.02	Í		

<b>Top 15 Holdings</b> as of 12-31-2021				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Prologis Inc	11.05	11.05	71.46	Real Estate
⊕ American Tower Corp	7.39	18.44	32.63	Real Estate
SBA Communications Corp	6.09	24.54	38.71	Real Estate
☐ Invitation Homes Inc	5.13	29.66	54.95	Real Estate
Extra Space Storage Inc	5.05	34.71	99.58	Real Estate
① Digital Realty Trust Inc	4.91	39.62	30.11	Real Estate
AvalonBay Communities Inc	4.90	44.52	61.41	Real Estate
⊕ Welltower Inc	4.48	49.00	36.51	Real Estate
⊕ Life Storage Inc	4.13	53.13	96.32	Real Estate
	3.92	57.05	94.21	Real Estate
① Sun Communities Inc	3.67	60.72	40.37	Real Estate
Rexford Industrial Realty Inc	3.12	63.84	67.11	Real Estate
① Camden Property Trust	3.01	66.85	82.15	Real Estate
□ UDR Inc	2.95	69.80	59.87	Real Estate
⊕ Kimco Realty Corp	2.72	72.53	68.75	Real Estate

#### Total Holdings 41



# 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 Joanna Jonsson since 01-2015 David Hoag since 01-2020 Michelle Black since 01-2020 Samir Mathur since 01-2020 Shannon Ward since 01-2021

#### **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 10.01 years.

 $\times$  *Style:* The fund has landed in its primary style box — Large Value — 63.64 % of the time over the past three years.

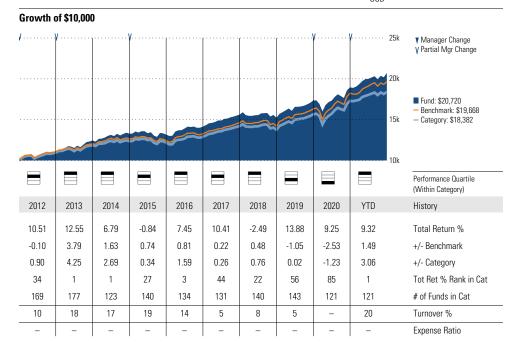
Net Expense: The fund's expense ratio of 0.28 is 50% lower than the Target-Date 2000-2010 category average.

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

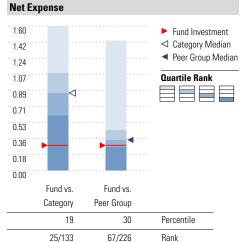
This fund fails our style screen but its positioning is consistent with its investment strategy and historical portfolios, so we don't think the failure is significant.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	11-30-2021







3-Year hisk wietrics			
	Fund	Bmark	Cat
Alpha	0.43	_	-0.38
Beta	0.90	_	0.92
R-Squared	96.53	_	96.47
Standard Deviation	6.99	7.61	7.09
Sharpe Ratio	1.38	1.36	1.28
Tracking Error	1.50	_	1.82
Information Ratio	-0.45	_	-0.75
Up Capture Ratio	92.51	_	88.14
Down Capture Ratio	89.11	-	88.36

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	18.38	19.81	19.80
Price/Book Ratio	3.03	2.81	2.86
Avg Eff Duration	4.20	6.70	6.75



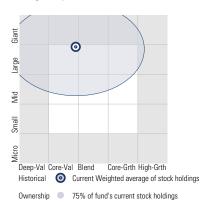
# American Funds 2010 Trgt Date Retire R6 RFTTX

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

Morningstar Index Morningstar Lifetime Mod 2010 TR USD

# Style Analysis as of 12-31-2021

Morningstar Style Box™



Large

Mid

## Style Breakdown

Equity 35 33 16 7 6 2

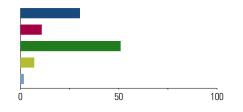
1 1 0
Value Blend Growth



Weight %

>50 25-50 10-25 0-10

## Asset Allocation as of 12-31-2021



Total	100.00	100.00
Other	1.56	2.99
Cash	6.84	7.91
Bonds	50.82	53.88
Non-US Stocks	10.67	13.09
US Stocks	30.11	22.14
Asset Class	Net %	Cat%

Sec	tor Weighting as of 12-	31-2021				
		Fund	Bmark	Cat	Fund Fenchmark Category Average	
<b>Դ</b>	Cyclical	33.52	38.88	35.91		
A.	Basic Materials	4.46	4.31	4.68		
<b>A</b>	Consumer Cyclical	6.65	10.18	10.99		
÷	Financial Services	17.14	14.39	16.36		
<b>f</b>	Real Estate	5.27	10.00	3.88		
Ma.	Sensitive	37.88	38.75	42.41		
	Communication Services	8.57	5.76	9.19		
ð	Energy	5.32	3.50	3.71		
<b>Ģ</b>	Industrials	8.77	10.97	10.33		
	Technology	15.22	18.52	19.18		
<b>→</b>	Defensive	28.60	22.36	21.67		
	Consumer Defensive	10.10	6.71	6.08		
٠	Healthcare	12.86	12.60	12.59		
•	Utilities	5.64	3.05	3.00		
					0% 5 10 15 20 25 30 35	40

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
American Funds Interm Bd Fd of Amer R6	_	15.46	15.46	_	_
American Funds Income Fund of Amer R6	_	15.16	30.63	_	_
American Funds Bond Fund of Amer R6	_	8.66	39.29	_	_
⊕ American Funds American Balanced R6	_	7.06	46.35	_	_
⊕ American Funds ST Bd Fd of Amer R6	-	6.86	53.21	-	-
⊕ American Funds Capital Income Bldr R6	_	6.50	59.71	_	_
⊕ American Funds Mortgage R6	_	6.26	65.97	_	_
⊕ American Funds Inflation Linked Bd R6	_	6.14	72.12	_	_
American Funds American Mutual R6	_	5.65	77.77	_	_
→ American Funds Capital World Gr&Inc R6	_	4.24	82.01	_	_

## Total Holdings 17



# 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 Joanna Jonsson since 01-2015 Samir Mathur since 01-2020 David Hoag since 01-2020 Michelle Black since 01-2020 Shannon Ward since 01-2021

#### **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 10.01 years.

× Style: The fund has landed in its primary style box — Large Value — 54.55 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.29 is 50.85% lower than the Target-Date 2015 category average.

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

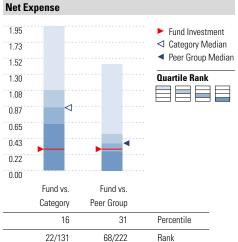
This fund fails our style screen but its positioning is consistent with its investment strategy and historical portfolios, so we don't think the failure is significant.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	11-30-2021







3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	0.50	_	-0.79
Beta	0.90	-	0.97
R-Squared	96.11	-	96.08
Standard Deviation	7.70	8.35	8.30
Sharpe Ratio	1.37	1.34	1.22
Tracking Error	1.72	-	1.79
Information Ratio	-0.39	-	-0.66
Up Capture Ratio	93.03	-	92.30
Down Capture Ratio	89.87	-	95.84

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	18.80	19.62	19.64
Price/Book Ratio	3.11	2.77	2.83
Avg Eff Duration	4.59	7.78	5.27



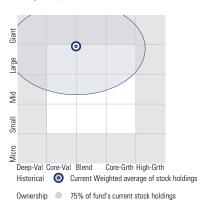
# American Funds 2015 Trgt Date Retire R6 RFJTX

Morningstar Category
Target-Date 2015
Morn

Morningstar Index Morningstar Lifetime Mod 2015 TR USD

# Style Analysis as of 12-31-2021

Morningstar Style Box™



Large

Mid

# Style Breakdown

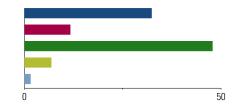


Value Blend Growth

>50 25-50 10-25 0-10

Weight %

## Asset Allocation as of 12-31-2021



Total	100.00	100.00
Other	1.50	4.40
Cash	6.77	6.35
Bonds	47.80	50.16
Non-US Stocks	11.60	14.78
US Stocks	32.31	24.31
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-3	31-2021											
		Fund	Bmark	Cat	Fund	▼ Bench	mark	Categ	jory Ave	rage			
<b>Դ</b>	Cyclical	32.87	38.92	35.70									
A.	Basic Materials	4.37	4.38	4.71									
A	Consumer Cyclical	7.02	10.23	11.33		• [	_						
<del>,</del>	Financial Services	16.79	14.49	16.00		<u> </u>							
侖	Real Estate	4.69	9.82	3.66									
W	Sensitive	39.23	38.76	42.89									
	Communication Services	9.10	5.75	8.96									
•	Energy	5.17	3.54	3.74									
Ф	Industrials	8.90	11.05	10.48									
	Technology	16.06	18.42	19.71				0					
<b>-</b>	Defensive	27.90	22.32	21.41									
Ħ	Consumer Defensive	9.56	6.72	6.08			_						
+	Healthcare	13.15	12.54	12.44									
•	Utilities	5.19	3.06	2.89									
					0% 5	10	15	20	25	30	35	40	

N	Maturity Data	0/ NI-+ A+	C	VTD D-+ 0/	Manainantan Castan
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds Income Fund of Amer R6	_	12.49	12.49	_	_
Đ American Funds Interm Bd Fd of Amer R6	-	10.91	23.40	-	_
⊕ American Funds Bond Fund of Amer R6	-	7.91	31.31	_	_
Đ American Funds American Balanced R6	_	7.67	38.98	_	_
⊕ American Funds Inflation Linked Bd R6	-	6.94	45.93	-	-
⊕ American Funds Capital Income Bldr R6	_	6.07	52.00	_	_
American Funds American Mutual R6	-	6.05	58.05	_	_
⊕ American Funds Mortgage R6	-	5.91	63.95	_	_
€ American Funds Capital World Gr&Inc R6	-	5.06	69.01	_	_
American Funds American High-Inc R6	_	4.96	73.97	_	_

## Total Holdings 20



# American Funds 2020 Trgt Date Retire R6 RRCTX

219

4

234

3

219

4

248

8

236

5

247

1

Morningstar Category Target-Date 2020 Morningstar Index Morningstar Lifetime Mod 2020 TR USD

# of Funds in Cat

Turnover %
Expense Ratio

#### Portfolio Manager(s)

Bradley Vogt since 01-2012 Wesley Phoa since 01-2012 Joanna Jonsson since 01-2015 Michelle Black since 01-2020 David Hoag since 01-2020 Samir Mathur since 01-2020 Shannon Ward since 01-2021

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 10.01 years.

Net Expense: The fund's expense ratio of 0.3 is 52.38% lower than the Target-Date 2020 category average.

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	11-30-2021

#### Growth of \$10,000 ▼ Manager Change V Partial Mgr Change Fund: \$23,935 Benchmark: \$22,358 Category: \$20,356 10k Performance Quartile (Within Category) 2012 2013 2014 2015 2016 2017 2018 2019 2020 YTD History 12.98 18.71 6.74 0.19 7.05 12.87 -2.69 15.59 10.99 10.64 Total Return % 5.73 0.45 0.87 2.07 -0.61 0.08 1.47 -2.14 -2.33 1.60 +/- Benchmark 0.20 7.14 0.82 0.41 1.30 2.02 1.76 1.80 -0.55 2.19 +/- Category 26 1 3 4 25 47 4 69 62 4 Tot Ret % Rank in Cat

254

2

238

2

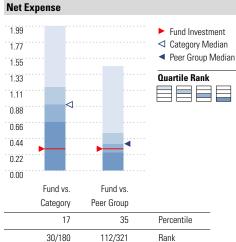
180

13

172

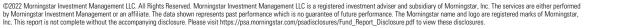
20





3- Tear hisk wieurcs			
	Fund	Bmark	Cat
Alpha	0.94	_	-0.60
Beta	0.86	_	0.95
R-Squared	96.64	_	96.07
Standard Deviation	8.06	9.27	8.94
Sharpe Ratio	1.39	1.31	1.21
Tracking Error	1.99	_	2.00
Information Ratio	-0.46	_	-0.72
Up Capture Ratio	89.80	_	91.08
Down Capture Ratio	83.58	_	93.59

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.28	19.42	20.30
Price/Book Ratio	3.19	2.74	2.89
Avg Eff Duration	4.75	8.67	4.93





# American Funds 2020 Trgt Date Retire R6 RRCTX

#### Morningstar Category Target-Date 2020

**Morningstar Index** Morningstar Lifetime Mod 2020 TR USD

# Style Analysis as of 12-31-2021

Morningstar Style Box™



Large

Mid

# Style Breakdown

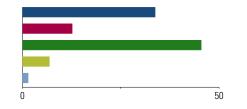


Weight %

>50 25-50 10-25 0-10

Value Blend Growth

## Asset Allocation as of 12-31-2021



Total	100.00	100.00
Other	1.41	8.18
Cash	6.82	3.99
Bonds	45.44	46.34
Non-US Stocks	12.61	15.01
US Stocks	33.72	26.50
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-3	31-2021				
		Fund	Bmark	Cat	Fund Benchmark Category Average	
<u></u>	Cyclical	32.26	38.92	36.87		
A.	Basic Materials	4.23	4.48	4.40		
<b>A</b>	Consumer Cyclical	7.48	10.28	11.71		
<del>,</del>	Financial Services	16.43	14.61	15.12		
<b>fi</b>	Real Estate	4.12	9.55	5.64		
W	Sensitive	40.51	38.81	42.82		
d	Communication Services	9.54	5.75	8.43		
ð	Energy	4.94	3.58	3.33		
Ф	Industrials	9.08	11.14	10.50		
	Technology	16.95	18.34	20.56		
<b>→</b>	Defensive	27.24	22.26	20.32		
=	Consumer Defensive	9.06	6.72	5.91		
+	Healthcare	13.48	12.48	11.88		
•	Utilities	4.70	3.06	2.53		
					0% 5 10 15 20 25 30 35 40	

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
→ American Funds Income Fund of Amer R6	_	9.69	9.69	_	_
⊕ American Funds Interm Bd Fd of Amer R6	_	8.93	18.62	_	_
⊕ American Funds American Balanced R6	_	8.09	26.71	_	_
⊕ American Funds Bond Fund of Amer R6	_	7.93	34.63	_	_
⊕ American Funds Inflation Linked Bd R6	-	6.93	41.56	_	-
⇒ American Funds American Mutual R6	_	6.04	47.60	_	_
⊕ American Funds Mortgage R6	_	5.93	53.52	_	_
⊕ American Funds Capital World Gr&Inc R6	-	5.63	59.15	_	_
⊕ American Funds Capital Income Bldr R6	-	5.47	64.62	_	_
→ American Funds Washington Mutual R6	_	5.02	69.65	_	_

## Total Holdings 20



# American Funds 2025 Trgt Date Retire R6 RFDTX

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

Expense Ratio

#### Portfolio Manager(s)

Bradley Vogt since 01-2012 Wesley Phoa since 01-2012 Joanna Jonsson since 01-2015 Michelle Black since 01-2020 David Hoag since 01-2020 Samir Mathur since 01-2020 Shannon Ward since 01-2021

#### **Quantitative Screens**

- Performance: The fund has finished in the Target-Date 2025 category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 10.01 years.
- Net Expense: The fund's expense ratio of 0.31 is 53.73% lower than the Target-Date 2025 category average.

## **Morningstar Investment Management LLC Analysis**

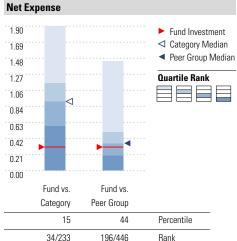
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

#### **ESG Metrics**

Metric	Rating	Updated		
Sustainability Rating	3	11-30-2021		
Carbon Risk Score	Low Risk	09-30-2020		

#### Growth of \$10,000 ▼ Manager Change V Partial Mgr Change ■ Fund: \$27,259 Benchmark: \$24,207 Category: \$22,615 15k 10k Performance Quartile (Within Category) 2012 2013 2014 2015 2016 2017 2018 2019 2020 YTD History 15.58 23.76 6.66 0.13 7.36 15.33 -3.47 17 85 13.67 11.44 Total Return % 7.48 0.62 2.19 -1.03 0.79 1.43 0.00 1.34 1.91 -1.51 +/- Benchmark 8.46 0.63 1.83 +/- Category 2.55 1.59 1.72 0.66 1.87 -0.40 1.69 5 1 11 3 28 38 2 68 27 17 Tot Ret % Rank in Cat 164 193 179 207 204 215 238 217 # of Funds in Cat 229 222 3 2 3 9 5 0 12 18 Turnover %





3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.46	_	-0.47
Beta	0.89	_	0.96
R-Squared	96.89	_	97.00
Standard Deviation	9.41	10.45	10.15
Sharpe Ratio	1.38	1.26	1.19
Tracking Error	2.04	_	2.02
Information Ratio	-0.01	_	-0.52
Up Capture Ratio	96.65	_	94.83
Down Capture Ratio	91.41	_	99.16

ıd Bmark	Cat
19.21	20.36
2.70	2.91
78 9.42	6.67
	12 2.70



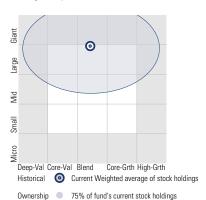
# American Funds 2025 Trgt Date Retire R6 RFDTX

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

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

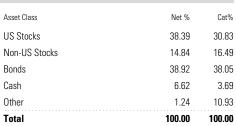
# Style Analysis as of 12-31-2021

Morningstar Style Box™



# 50

Asset Allocation as of 12-31-2021



## Style Breakdown

Equity

Lquity			
27	31	25	Large
5	6	4	Mid
1	1	1	Small
Value	Blend	Growth	



5	6	4	
1	1	1	
alue	Blend	Growth	

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

Fixed	Income		Quality
			High
			Mid
			Low
Lad	NAI	F. A	
Ltd Durat	Mod ion	EXT	

		Fund	Bmark	Cat	Fund	ı t	Bench	mark	Cate	ory Ave	erage		
<u></u>	Cyclical	31.60	38.86	36.35								[	7
A.	Basic Materials	3.91	4.58	4.23		<b>=</b> [							
A	Consumer Cyclical	9.17	10.36	11.70			<b>=</b> [ ]						
æ	Financial Services	15.36	14.73	14.93									
ıπ	Real Estate	3.16	9.19	5.49		• [	7						
W	Sensitive	42.71	38.89	42.85									1
	Communication Services	10.52	5.78	8.33		- 7							
•	Energy	4.39	3.62	3.22									
¢	Industrials	9.45	11.23	10.42					_				
	Technology	18.35	18.26	20.88									
<b>-</b>	Defensive	25.69	22.25	20.80									
Ħ	Consumer Defensive	7.81	6.74	6.11									
٠	Healthcare	14.02	12.44	12.02									
	Utilities	3.86	3.07	2.67		i i							

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds Interm Bd Fd of Amer R6	_	8.89	8.89	_	_
⊕ American Funds American Balanced R6	_	7.92	16.82	_	_
⊕ American Funds American Mutual R6	_	6.87	23.69	_	_
⊕ American Funds Capital World Gr&Inc R6	-	6.59	30.28	_	_
$oldsymbol{\oplus}$ American Funds Bond Fund of Amer R6	-	6.09	36.37	-	-
⊕ American Funds Inflation Linked Bd R6	-	5.69	42.06	_	_
⊕ American Funds Income Fund of Amer R6	_	5.53	47.59	_	_
⊕ American Funds US Government Sec R6	_	5.49	53.09	_	_
⊕ American Funds Mortgage R6	_	5.29	58.38	_	_
⊕ American Funds Washington Mutual R6	_	5.20	63.58	_	_

## Total Holdings 23



# American Funds 2030 Trgt Date Retire R6 RFETX

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

#### Portfolio Manager(s)

Bradley Vogt since 01-2012 Wesley Phoa since 01-2012 Joanna Jonsson since 01-2015 Samir Mathur since 01-2020 David Hoag since 01-2020 Michelle Black since 01-2020 Shannon Ward since 01-2021

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 10.01 years.

Net Expense: The fund's expense ratio of 0.33 is 52.17% lower than the Target-Date 2030 category average.

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

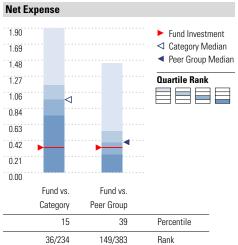
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

#### **ESG Metrics**

Metric	Rating	Updated		
Sustainability Rating	3	11-30-2021		
Carbon Risk Score	Low Risk	09-30-2021		

#### Growth of \$10,000 ▼ Manager Change V Partial Mgr Change Fund: \$30.103 - Benchmark: \$26,246 - Category: \$24,159 15k Performance Quartile (Within Category) 2012 2013 2014 2015 2016 2017 2018 2019 2020 YTD History 16.49 25.64 7.06 N 47 7.71 18.40 -4.16 20.06 15.16 13.16 Total Return % 1.81 6.00 1.05 2.77 -1.55 1.81 1.66 -1.18 1.47 1.47 +/- Benchmark 8.99 0.38 1.83 1.48 2.90 2.02 2.26 2.09 -0.01 2.17 +/- Category 5 1 7 2 38 12 2 60 17 16 Tot Ret % Rank in Cat 207 207 236 226 243 246 227 223 # of Funds in Cat 222 237 4 2 2 6 3 0 8 21 Turnover % Expense Ratio





3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	1.76	_	-0.09
Beta	0.91	-	0.97
R-Squared	97.76	_	98.04
Standard Deviation	11.12	12.05	11.82
Sharpe Ratio	1.32	1.19	1.17
Tracking Error	1.97	_	1.88
Information Ratio	0.31	_	-0.24
Up Capture Ratio	99.55	_	97.95
Down Capture Ratio	93.35	-	100.08

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	21.13	19.00	20.41
Price/Book Ratio	3.58	2.66	2.97
Avg Eff Duration	4.84	10.06	6.72



# American Funds 2030 Trgt Date Retire R6 RFETX

Quality

High

Mid

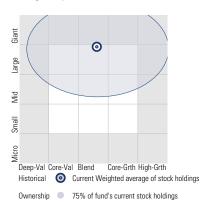
Low

#### **Morningstar Category** Target-Date 2030

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

# Style Analysis as of 12-31-2021

Morningstar Style Box™



Fixed Income

Ltd Mod Duration

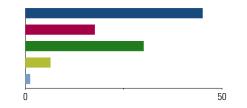
# Style Breakdown

Equity 24 30 27 5 5 6

Large Mid1 1

Value Blend Growth

Weight % >50 25-50 10-25 0-10 Asset Allocation as of 12-31-2021



Asset Class Net % Cat% US Stocks 45.02 37.02 Non-US Stocks 19.27 17.57 Bonds 30.01 29.51 Cash 6.30 2.41 Other 1.12 11.79 Total 100.00 100.00

		Fund	Bmark	Cat	Fund	▼ Benchma	rk Cate	gory Ave	erage		
b	Cyclical	31.34	38.72	35.72						 T .	
ů.	Basic Materials	3.78	4.68	4.20							
4	Consumer Cyclical	10.25	10.45	11.90							
ê	Financial Services	14.61	14.87	15.21		:	ĺ				
ŧ	Real Estate	2.70	8.72	4.41		*					
M	Sensitive	43.90	39.01	43.49		_				-	
d	Communication Services	11.07	5.80	8.30							
	Energy	4.00	3.66	3.28							
ф	Industrials	9.63	11.34	10.77							
3	Technology	19.20	18.21	21.14				_			
<b>→</b>	Defensive	24.77	22.26	20.80							
	Consumer Defensive	7.26	6.77	6.10		( <b>i</b>					
٠	Healthcare	14.13	12.41	12.14							
•	Utilities	3.38	3.08	2.56							

#### Top 10 Holdings as of 12-31-2021 Name Maturity Date % Net Asset Cumulative % YTD Return % Morningstar Sector American Funds American Balanced R6 7.89 7.89 American Funds American Mutual R6 7.16 15.05 6.89 American Funds Capital World Gr&Inc R6 21.94 ① American Funds US Government Sec R6 6.56 28.50 American Funds AMCAP R6 6.10 34.60 American Funds Interm Bd Fd of Amer R6 5.96 40.56 American Funds Growth Fund of Amer R6 5.30 45.86 American Funds Washington Mutual R6 5.16 51.02 American Funds Fundamental Invs R6 4.99 56.01 American Funds Capital World Bond R6 4.96 60.97

## Total Holdings 22



# American Funds 2035 Trgt Date Retire R6 RFFTX

Morningstar Category Target-Date 2035 Morningstar Index Morningstar Lifetime Mod 2035 TR

#### Portfolio Manager(s)

Bradley Vogt since 01-2012 Wesley Phoa since 01-2012 Joanna Jonsson since 01-2015 Michelle Black since 01-2020 David Hoag since 01-2020 Samir Mathur since 01-2020 Shannon Ward since 01-2021

#### **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 10.01 years.
- Net Expense: The fund's expense ratio of 0.35 is 50% lower than the Target-Date 2035 category average.

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

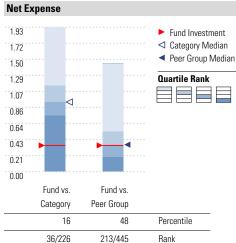
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

#### Growth of \$10,000 ▼ Manager Change V Partial Mgr Change Fund: \$32.843 - Benchmark: \$27,962 Category: \$26,654 15k Performance Quartile (Within Category) 2012 2013 2014 2015 2016 2017 2018 2019 2020 YTD History 16.64 25.97 7.02 0.59 8.00 21.04 -5.14 23 29 17.55 15.54 Total Return % 1.28 3 94 1.22 3.17 -2.07 2.52 1.68 0.25 4.17 1.91 +/- Benchmark 3.51 5.97 0.43 1.90 2.00 1.78 2.35 2.61 1.25 1.78 +/- Category 8 1 11 41 3 6 21 5 11 Tot Ret % Rank in Cat 158 187 173 201 199 210 224 235 210 215 # of Funds in Cat 3 2 1 5 3 0 9 17 Turnover % Expense Ratio





3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	2.48	_	0.56
Beta	0.96	_	0.97
R-Squared	98.20	_	98.46
Standard Deviation	13.41	13.88	13.52
Sharpe Ratio	1.29	1.12	1.15
Tracking Error	1.90	_	1.91
Information Ratio	1.13	_	0.14
Up Capture Ratio	104.68	_	98.92
Down Capture Ratio	95.01	_	97.06

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	21.68	18.79	20.13
Price/Book Ratio	3.71	2.63	2.89
Avg Eff Duration	5.04	10.62	6.71



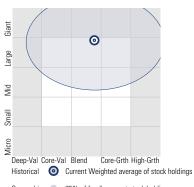
# American Funds 2035 Trgt Date Retire R6 RFFTX

**Morningstar Category** Target-Date 2035

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

# Style Analysis as of 12-31-2021

Morningstar Style Box™



Ownership 75% of fund's current stock holdings

## Style Breakdown

Equity				Fixed	Income
22	29	29	Large		
5	6	6	Mid		
1	1	1	Small		
Value	Blend	Growth		Ltd	Mod

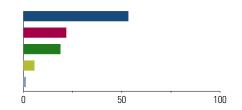
High MidLow Mod Ltd Duration

Quality

Weight %

>50 25-50 10-25 0-10

## Asset Allocation as of 12-31-2021



Total	100.00	100.00
Other	1.03	10.60
Cash	5.42	2.35
Bonds	18.70	19.06
Non-US Stocks	21.63	24.21
US Stocks	53.22	43.76
Asset Class	Net %	Cat%

	Fund	Bmark	Cat	Fund	▼ Benchr	mark [	Categor	y Average	
⊌ Cyclical	31.27	38.60	36.09						
Basic Materials	3.72	4.78	4.26						
Consumer Cyclical	10.96	10.53	11.90		- · · · · · · · · · · · · · · · · · · ·				
Financial Services	14.18	15.03	15.09						
Real Estate	2.41	8.26	4.84		•				
✓ Sensitive	44.62	39.13	43.23						
Communication Services	11.25	5.82	8.47		<u> </u>				
Energy	3.69	3.70	3.26						
Industrials	9.61	11.44	10.50						
Technology	20.07	18.17	21.00			•			
→ Defensive	24.11	22.27	20.68						
Consumer Defensive	6.80	6.80	6.08		0				
Healthcare	14.30	12.38	12.02						
Utilities	3.01	3.09	2.58	<b>—</b> ()					

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds American Balanced R6	_	7.97	7.97	_	_
⊕ American Funds US Government Sec R6	-	7.61	15.57	_	_
⊕ American Funds American Mutual R6	_	7.16	22.73	_	-
⊕ American Funds Capital World Gr&Inc R6	_	6.87	29.61	_	-
⊕ American Funds AMCAP R6	-	6.66	36.27	-	_
American Funds Fundamental Invs R6	_	6.63	42.89	_	_
⊕ American Funds Growth Fund of Amer R6	_	6.57	49.47	_	_
⊕ American Funds Washington Mutual R6	_	5.82	55.29	_	_
⊕ American Funds New Perspective R6	-	5.51	60.80	_	_
⊕ American Funds SMALLCAP World R6	_	5.08	65.88	_	_

## Total Holdings 23



# American Funds 2040 Trgt Date Retire R6 RFGTX

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

#### Portfolio Manager(s)

Bradley Vogt since 01-2012 Wesley Phoa since 01-2012 Joanna Jonsson since 01-2015 Michelle Black since 01-2020 David Hoag since 01-2020 Samir Mathur since 01-2020 Shannon Ward since 01-2021

#### **Quantitative Screens**

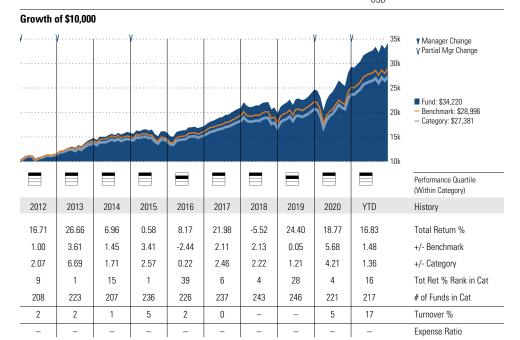
- Performance: The fund has finished in the Target-Date 2040 category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 10.01 years.
- $\times$  Style: The fund has landed in its primary style box Large Blend 63.64 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.36 is 49.3% lower than the Target-Date 2040 category average.

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

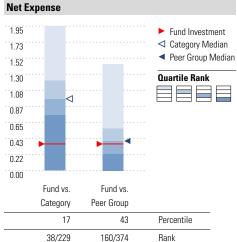
This fund fails our current style screen. Because this is a target-date fund, this screen failure does not concern us and we are still comfortable using this fund.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

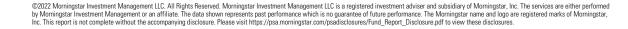






3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	3.16	_	1.11
Beta	0.93	_	0.95
R-Squared	98.17	_	98.53
Standard Deviation	14.51	15.45	14.78
Sharpe Ratio	1.27	1.07	1.14
Tracking Error	2.24	-	2.03
Information Ratio	1.10	-	0.33
Up Capture Ratio	102.60	-	98.47
Down Capture Ratio	90.25	_	94.22

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	21.96	18.59	20.08
Price/Book Ratio	3.78	2.59	2.88
Avg Eff Duration	5.41	11.10	6.67





# 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 12-31-2021

Morningstar Style Box™



# Style Breakdown

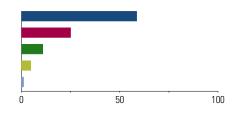
Weight %

Equity				rixea i	ncome	
21	28	30	Large			
4	6	7	Mid			
1	1	1	Small			
Value	Blend	Growth		Ltd	Mod	Ext

Duration

>50 25-50 10-25 0-10

## Asset Allocation as of 12-31-2021



Total	100.00	100.00
Other	1.02	9.17
Cash	4.67	1.91
Bonds	10.78	12.05
Non-US Stocks	24.94	27.65
US Stocks	58.58	49.22
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-3	31-2021			
		Fund	Bmark	Cat	Fund Fenchmark Category Average
<b>Դ</b>	Cyclical	31.28	38.59	36.24	
A.	Basic Materials	3.75	4.88	4.30	
A	Consumer Cyclical	11.24	10.60	11.91	
æ	Financial Services	14.04	15.14	15.20	
俞	Real Estate	2.25	7.97	4.83	
W	Sensitive	44.91	39.18	43.16	
	Communication Services	11.24	5.82	8.43	
•	Energy	3.57	3.74	3.26	
Ф	Industrials	9.63	11.52	10.63	
	Technology	20.47	18.10	20.84	
<b>—</b>	Defensive	23.81	22.23	20.59	
Ħ	Consumer Defensive	6.52	6.82	5.97	O'
+	Healthcare	14.47	12.31	12.04	
•	Utilities	2.82	3.10	2.58	
					0% 5 10 15 20 25 30 35 40

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Secto
_					
American Funds American Balanced R6	_	8.00	8.00	_	_
🖯 American Funds Fundamental Invs R6	_	7.59	15.59	_	_
€ American Funds Capital World Gr&Inc R6	_	7.50	23.09	_	_
🕑 American Funds American Mutual R6	-	7.18	30.27	_	_
American Funds AMCAP R6	-	7.00	37.27	-	-
American Funds New Perspective R6	_	6.97	44.24	_	_
American Funds Growth Fund of Amer R6	_	6.97	51.21	_	_
American Funds Washington Mutual R6	_	6.86	58.07	_	_
American Funds SMALLCAP World R6	_	6.57	64.64	_	_
American Funds US Government Sec R6	_	6.12	70.77	_	_

## Total Holdings 21



# American Funds 2045 Trgt Date Retire R6 RFHTX

Morningstar Category Target-Date 2045 Morningstar Index Morningstar Lifetime Mod 2045 TR

#### Portfolio Manager(s)

Bradley Vogt since 01-2012 Wesley Phoa since 01-2012 Joanna Jonsson since 01-2015 Samir Mathur since 01-2020 David Hoag since 01-2020 Michelle Black since 01-2020 Shannon Ward since 01-2021

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 10.01 years.

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

Net Expense: The fund's expense ratio of 0.37 is 47.89% lower than the Target-Date 2045 category average.

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

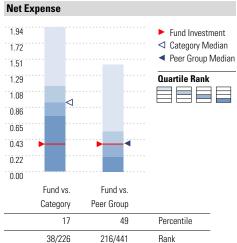
This fund fails our current style screen. Because this is a target-date fund, this screen failure does not concern us and we are still comfortable using this fund.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	3.59	_	1.42
Beta	0.90	_	0.95
R-Squared	97.90	_	98.55
Standard Deviation	14.83	16.36	15.62
Sharpe Ratio	1.27	1.05	1.13
Tracking Error	2.73	_	2.06
Information Ratio	0.85	_	0.46
Up Capture Ratio	99.86	_	98.96
Down Capture Ratio	86.26	_	93.70

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	22.14	18.43	20.08
Price/Book Ratio	3.83	2.56	2.85
Avg Eff Duration	5.53	11.53	6.60



# American Funds 2045 Trgt Date Retire R6 RFHTX

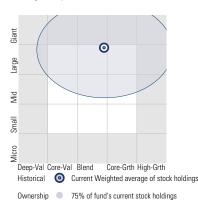
Quality High Mid LOW

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

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

# Style Analysis as of 12-31-2021

Morningstar Style Box™



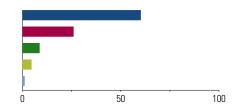
# Style Breakdown

Equity				Fixed	Income
20	28	31	Large		
4	6	7	Mid		
1	2	1	Small		
Value	Blend	Growth		Ltd	Mod

Duration

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

## Asset Allocation as of 12-31-2021



Asset Class Net % Cat% US Stocks 60.07 52.24 Non-US Stocks 25.89 29.89 Bonds 8.59 6.68 Cash 4.48 1.74 Other 0.98 9.43 Total 100.00 100.00

Sector Weighting as of 12-	31-2021												
	Fund	Bmark	Cat	Fund		▼ Ben	chmark	( [] Ca	ategory	Avera	ge		
<b>ひ</b> Cyclical	31.26	38.71	36.42									1	
Basic Materials	3.78	4.97	4.34		•								
Consumer Cyclical	11.47	10.65	11.93				_						
Financial Services	13.91	15.24	15.16			•							
neal Estate	2.10	7.85	4.99			•							
₩ Sensitive	45.19	39.17	43.00									- 1	0
Communication Services	11.29	5.83	8.61		- : <b>v</b>								
Energy	3.54	3.77	3.18		)								
industrials	9.73	11.58	10.54					_					
Technology	20.63	17.99	20.67						_				
→ Defensive	23.56	22.13	20.57										
Consumer Defensive	6.29	6.81	5.92										
Healthcare	14.58	12.23	12.08										
Utilities Utilities	2.69	3.09	2.57		' :								
				0%	5	10	15	20	25	30	35	40	

#### Top 10 Holdings as of 12-31-2021 Name Maturity Date % Net Asset Cumulative % YTD Return % Morningstar Sector American Funds New Perspective R6 8.15 8.15 American Funds Fundamental Invs R6 7.94 16.09 American Funds Washington Mutual R6 7.89 23.98 American Funds Capital World Gr&Inc R6 7.89 31.87 ① American Funds SMALLCAP World R6 7.57 39.44 American Funds American Balanced R6 7.41 46.85 American Funds American Mutual R6 7.16 54.01 American Funds AMCAP R6 6.95 60.96 ① American Funds Growth Fund of Amer R6 6.95 67.91 ① American Funds Global Balanced R6 4.97 72.88

## Total Holdings 19



# American Funds 2050 Trgt Date Retire R6 RFITX

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

Expense Ratio

#### Portfolio Manager(s)

Bradley Vogt since 01-2012 Wesley Phoa since 01-2012 Joanna Jonsson since 01-2015 Samir Mathur since 01-2020 David Hoag since 01-2020 Michelle Black since 01-2020 Shannon Ward since 01-2021

#### **Quantitative Screens**

- Performance: The fund has finished in the Target-Date 2050 category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 10.01 years.
- $\times$  *Style:* The fund has landed in its primary style box Large Growth 54.55 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.37 is 48.61% lower than the Target-Date 2050 category average.

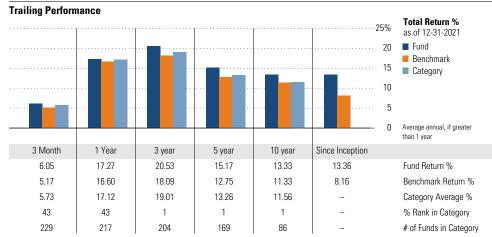
#### **Morningstar Investment Management LLC Analysis**

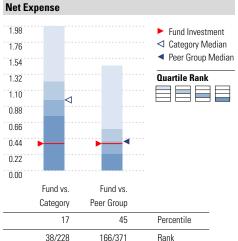
This fund fails our current style screen. Because this is a target-date fund, this screen failure does not concern us and we are still comfortable using this fund.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

#### Growth of \$10,000 ▼ Manager Change V Partial Mgr Change 3Nk Fund: \$34.960 - Benchmark: \$29,243 20k Category: \$28,767 15k Performance Quartile (Within Category) 2012 2013 2014 2015 2016 2017 2018 2019 2020 YTD History 16.72 26.65 7.02 0.65 8.33 22.61 -5.61 25.04 19.42 17.27 Total Return % 3.82 0.78 2.02 3.84 -2.56 1.83 2.80 -0.05 6.51 0.67 +/- Benchmark 0.11 1.65 5.63 1.60 2.66 1.94 2.80 0.50 4.17 0.15 +/- Category 16 1 18 43 8 3 43 6 43 Tot Ret % Rank in Cat 180 207 196 225 218 243 246 220 217 # of Funds in Cat 233 3 2 1 6 2 0 4 14 Turnover %





3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	3.78	_	1.56
Beta	0.89	_	0.95
R-Squared	97.61	_	98.48
Standard Deviation	15.05	16.69	15.93
Sharpe Ratio	1.27	1.03	1.12
Tracking Error	2.95	_	2.08
Information Ratio	0.83	_	0.48
Up Capture Ratio	99.80	_	99.27
Down Capture Ratio	85.85	_	93.61

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	22.43	18.28	19.97
Price/Book Ratio	3.90	2.53	2.83
Avg Eff Duration	5.53	-	6.55



# American Funds 2050 Trgt Date Retire R6 RFITX

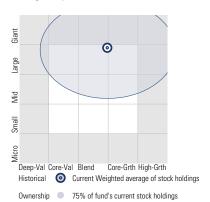
Quality High MidLow

**Morningstar Category** Target-Date 2050

**Morningstar Index** Morningstar Lifetime Mod 2050 TR USD

# Style Analysis as of 12-31-2021

Morningstar Style Box™



# Style Breakdown

Weight %

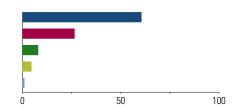
Equity				rixeu ii	icome	
19	28	32	Large			
4	6	8	Mid			
1	2	2	Small			
Value	Blend	Growth		Itd	Mod	Ī

Eivad Incomo

Duration

>50 25-50 10-25 0-10

## Asset Allocation as of 12-31-2021



Total	100.00	100.00
Other	0.86	7.55
Cash	4.43	1.41
Bonds	7.86	5.50
Non-US Stocks	26.40	31.39
US Stocks	60.44	54.14
Asset Class	Net %	Cat%

	Fund	Bmark	Cat	Fund	▼ Bend	chmark	] Ca	ategory	Averaç	ge	
⊌ Cyclical	31.10	38.90	36.55								7
Basic Materials	3.79	5.04	4.36								
Consumer Cyclical	11.83	10.67	11.93								
Financial Services	13.65	15.30	15.21		:						
Real Estate	1.83	7.89	5.05		<b>'</b>						
✓ Sensitive	45.81	39.09	42.93								
Communication Services	11.57	5.83	8.51								
Energy	3.40	3.79	3.24								
Industrials	9.83	11.61	10.53				_				
Technology	21.01	17.86	20.65								
→ Defensive	23.09	22.01	20.52		_						
Consumer Defensive	5.97	6.80	5.94								
Healthcare	14.67	12.12	12.01								
Utilities	2.45	3.09	2.57								

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds New Perspective R6	_	8.93	8.93	_	_
⊕ American Funds Fundamental Invs R6	_	8.63	17.56	_	_
⊕ American Funds Capital World Gr&Inc R6	_	8.57	26.13	_	_
⊕ American Funds SMALLCAP World R6	_	8.55	34.68	_	_
⊕ American Funds Washington Mutual R6	-	8.22	42.90	_	-
⊕ American Funds AMCAP R6	_	6.93	49.83	_	_
⊕ American Funds Growth Fund of Amer R6	_	6.93	56.76	_	_
⊕ American Funds American Mutual R6	_	6.57	63.33	_	_
⊕ American Funds American Balanced R6	-	6.46	69.79	-	_
	_	5.66	75.44	_	_

## Total Holdings 19



# American Funds 2055 Trgt Date Retire R6 RFKTX

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

Expense Ratio

#### Portfolio Manager(s)

Bradley Vogt since 01-2012 Wesley Phoa since 01-2012 Joanna Jonsson since 01-2015 Michelle Black since 01-2020 David Hoag since 01-2020 Samir Mathur since 01-2020 Shannon Ward since 01-2021

#### **Quantitative Screens**

- Performance: The fund has finished in the Target-Date 2055 category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 10.01 years.
- $\times$  Style: The fund has landed in its primary style box Large Growth 63.64 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.38 is 46.48% lower than the Target-Date 2055 category average.

## **Morningstar Investment Management LLC Analysis**

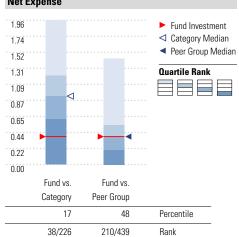
This fund fails our current style screen. Because this is a target-date fund, this screen failure does not concern us and we are still comfortable using this fund.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	3.90	_	1.68
Beta	0.89	_	0.95
R-Squared	97.49	_	98.43
Standard Deviation	15.05	16.78	16.07
Sharpe Ratio	1.27	1.03	1.12
Tracking Error	3.06	_	2.10
Information Ratio	0.82	_	0.56
Up Capture Ratio	99.69	_	99.94
Down Capture Ratio	85.42	_	93.93

Portfolio Metrics									
	Fund	Bmark	Cat						
Price/Earnings Ratio	22.58	18.14	19.70						
Price/Book Ratio	3.95	2.50	2.77						
Avg Eff Duration	5.54	-	6.64						



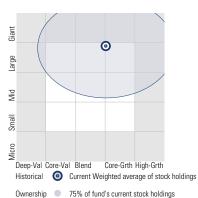
# American Funds 2055 Trgt Date Retire R6 RFKTX

Quality High Μid Low

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

# Style Analysis as of 12-31-2021

Morningstar Style Box™



Fixed Income

Ltd

Mod Duration

## Style Breakdown

Equity

27	32	Large
6	8	Mid
2	2	Small
	6	6 8

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 12-31-2021



	Fund	Bmark	Cat	Fund	▼ Ben	chmark	[] Ca	itegory	Avera	ge
Cyclical	31.08	39.15	36.81							[
Basic Materials	3.80	5.11	4.51							
Consumer Cyclical	12.14	10.69	11.83							
Financial Services	13.43	15.35	15.24			<b>■</b> [				
Real Estate	1.71	8.00	5.23		· •					
Sensitive	46.22	38.97	42.85							
Communication Services	11.79	5.82	8.56							
Energy	3.30	3.81	3.32							
Industrials	9.86	11.62	10.53				_			
Technology	21.27	17.72	20.44							
Defensive	22.69	21.87	20.34							
Consumer Defensive	5.73	6.79	5.89		]					
Healthcare	14.68	12.00	11.90							
Utilities	2.28	3.08	2.55	<b>—</b> ['						

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ American Funds SMALLCAP World R6	-	9.60	9.60	_	_
⊕ American Funds New Perspective R6	-	9.57	19.18	_	_
⊕ American Funds Fundamental Invs R6	-	8.99	28.17	_	_
→ American Funds Capital World Gr&Inc R6	_	8.93	37.10	_	_
⊕ American Funds Washington Mutual R6	-	8.15	45.26	_	-
⊕ American Funds AMCAP R6	_	6.97	52.22	_	_
⊕ American Funds Growth Fund of Amer R6	_	6.95	59.18	_	_
American Funds Invmt Co of Amer R6	_	6.62	65.80	_	_
⊕ American Funds American Balanced R6	_	6.05	71.84	_	_
→ American Funds Global Balanced R6	_	5.96	77.81	_	_

## 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 Joanna Jonsson 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

#### **Quantitative Screens**

- Performance: The fund has finished in the Target-Date 2060 category's top three quartiles in 6 of the 6 years it's been in existence.
- Management: The fund's management has been in place for 6.77 years.
- × Style: The fund has landed in its primary style box Large Growth — 63.64 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.38 is 47.22% lower than the Target-Date 2060 category average.

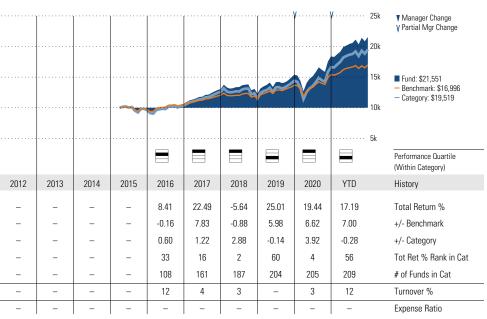
## **Morningstar Investment Management LLC Analysis**

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	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

## Growth of \$10,000





let Exp	ense	)			
1.89					► Fund Investr
1.68					✓ Category M
1.47					<ul><li>Peer Group</li></ul>
1.26					Quartile Rank
1.05					
0.84		< 1			
0.63					
0.42	<b>-</b>				
0.21					
0.00					
	Fund	VS.	Fur	nd vs.	
	Categ	ory	Peer (	Group	
		17		47	Percentile

	39/226	170/363	Rank					
Peer group is a subset of the category and includes funds with the								
same management style (active vs. passive) and similar share class								
character	istics							

3- Tear hisk Wellics			
	Fund	Bmark	Cat
Alpha	1.21	_	-1.18
Beta	1.36	_	1.47
R-Squared	97.82	_	97.94
Standard Deviation	15.03	10.91	16.20
Sharpe Ratio	1.27	1.18	1.12
Tracking Error	4.54	_	5.64
Information Ratio	1.44	_	0.94
Up Capture Ratio	143.10	_	144.58
Down Capture Ratio	140.87	_	156.44

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	22.60	17.96	19.81
Price/Book Ratio	3.96	2.46	2.84
Avg Eff Duration	5.54	6.79	6.51

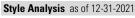


# American Funds 2060 Trgt Date Retire R6 RFUTX

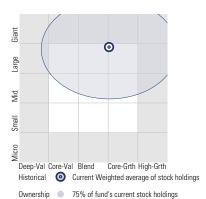
Quality High Mid

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

Morningstar Mod Tgt Risk TR USD



Morningstar Style Box™



# Style Breakdown

	Equity				rixeu	IIICOIIIE	
	18	27	33	Large			
	4	6	8	Mid			
	1	2	2	Small			
,	Value	Blend	Growth		Ltd Durat	Mod ion	E

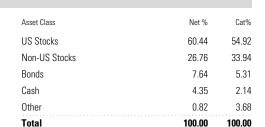
Weight %

>50 25-50 10-25 0-10



50

Asset Allocation as of 12-31-2021



	Fund	Bmark	Cat	Fund	•	Benchn	nark	[] Ca	Category	Category Avera
<b>⊌</b> Cyclical	31.11	38.62	36.04		_					
Basic Materials	3.80	5.07	4.48		!					
Consumer Cyclical	12.25	10.38	11.98							
Financial Services	13.36	15.53	15.04				0			
Real Estate	1.70	7.64	4.54		'					
✓ Sensitive	46.30	38.79	43.45							
Communication Services	11.83	5.90	8.82	_						
Energy	3.28	3.96	3.39							
Industrials	9.88	11.42	10.48			■[]				
Technology	21.31	17.51	20.76							
→ Defensive	22.59	22.58	20.50		,				<b>]</b>	<b>,</b>
Consumer Defensive	5.68	7.23	5.95							
Healthcare	14.66	11.97	12.04				Ĭ.			
Utilities	2.25	3.38	2.51							

100

<b>Top 10 Holdings</b> as of 12-31-2021					
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	20.00	_	_
⊕ American Funds Fundamental Invs R6	_	8.93	28.93	_	_
⊕ American Funds Capital World Gr&Inc R6	_	8.90	37.83	_	_
⊕ American Funds Washington Mutual R6	-	8.13	45.96	-	_
⊕ American Funds AMCAP R6	_	7.00	52.96	_	_
⊕ American Funds Growth Fund of Amer R6	_	7.00	59.95	_	_
→ American Funds Invmt Co of Amer R6	_	6.96	66.91	_	_
⊕ American Funds Global Balanced R6	_	6.01	72.92	_	_
⊕ American Funds American Balanced R6	_	6.00	78.92	_	_

## 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)

Joanna Jonsson since 01-2020 Michelle Black since 01-2020 Samir Mathur since 01-2020 Bradley Vogt since 01-2020 David Hoag since 01-2020 Wesley Phoa since 01-2020 Shannon Ward since 01-2021

#### **Quantitative Screens**

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

- × *Management*: The fund's management team has been in place for less than three years.
- $\times$  *Style:* The fund has landed in its primary style box Large Growth 57.14 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.38 is 46.48% lower than the Target-Date 2065+ category average.

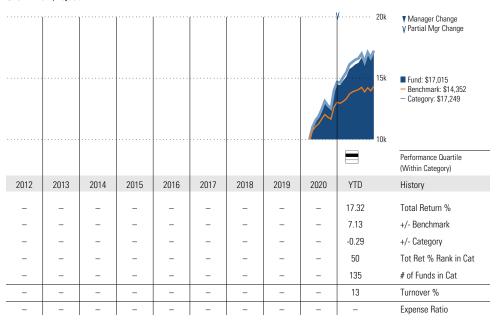
## **Morningstar Investment Management LLC Analysis**

This fund also fails our manager tenure screen only because it is a newly incepted share vintage of the target-date series.

## **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

## Growth of \$10,000





Net Expo	ense			
1.89				► Fund Investment
1.68				Category Median
1.47				<ul> <li>Peer Group Median</li> </ul>
1.26				Quartile Rank
1.05				
0.84				
0.63	4			
0.42				
0.21				
0.00				
	Fund vs.	Fund	VS.	
(	Category	Peer Gr	oup	
	18		53	Percentile
	30/163	124/	235	Rank

3-Year RISK Wetrics			
	Fund	Bmark	Cat
Alpha	_	-	-1.51
Beta	_	-	1.53
R-Squared	_	-	98.02
Standard Deviation	_	10.91	16.83
Sharpe Ratio	_	1.18	1.10
Tracking Error	_	-	6.23
Information Ratio	_	-	0.92
Up Capture Ratio	_	_	148.16
Down Capture Ratio	_	_	160.92

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	22.61	17.96	18.85
Price/Book Ratio	3.96	2.46	2.63
Avg Eff Duration	5.54	6.79	6.56



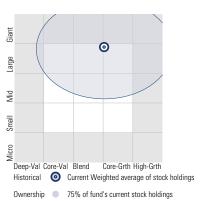
# American Funds 2065 Trgt Date Retire R6 RFVTX

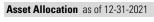
#### **Morningstar Category** Morningstar Index Target-Date 2065+

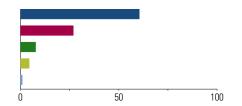
Morningstar Mod Tgt Risk TR USD

Style Analysis as of 12-31-2021

Morningstar Style Box™







Total	100.00	100.00
Other	0.82	5.42
Cash	4.35	2.10
Bonds	7.63	7.50
Non-US Stocks	26.80	38.57
US Stocks	60.41	46.42
Asset Class	Net %	Cat%

<b>Style I</b> Equity	Breakd	own		Fixed I	ncome		Quality
18	27	33	Large				High
4	6	8	Mid				Mid
1	2	2	Small				Low
Value	Blend	Growth		Ltd	Mod	Ext	•

Duration

		Fund	Bmark	Cat	Fun	d	▼ Ben	chmark	[] Ca	ategory	Averag	ge			
Դ	Cyclical	31.11	38.62	36.60									<b>'</b>		
A	Basic Materials	3.80	5.07	4.97		<b>I</b>									
A	Consumer Cyclical	12.27	10.38	11.97											
<del>,</del>	Financial Services	13.34	15.53	15.29											
命	Real Estate	1.70	7.64	4.37			١								
W	Sensitive	46.33	38.79	42.97									_		
	Communication Services	11.85	5.90	8.29											
•	Energy	3.28	3.96	3.61											
Ö	Industrials	9.87	11.42	10.84		- :									
	Technology	21.33	17.51	20.23											
<b>→</b>	Defensive	22.57	22.58	20.43											
Ħ	Consumer Defensive	5.68	7.23	6.34											
٠	Healthcare	14.65	11.97	11.53											
•	Utilities	2.24	3.38	2.56		<b>'</b>									
					0%	5	10	15	20	25	30	35	40	45	5

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
◆ American Funds New Perspective R6	_	10.00	10.00	_	_
American Funds New Ferspective no     American Funds SMALLCAP World R6	_	10.00	20.00	_	_
⊕ American Funds Fundamental Invs R6	_	9.00	29.00	-	_
⊕ American Funds Capital World Gr&Inc R6	-	9.00	38.01	_	_
⊕ American Funds Washington Mutual R6	-	8.00	46.01	_	-
⊕ American Funds AMCAP R6	_	7.00	53.01	_	_
⊕ American Funds Growth Fund of Amer R6	_	7.00	60.01	_	_
⊕ American Funds Invmt Co of Amer R6	_	7.00	67.01	_	_
⊕ American Funds American Balanced R6	-	6.00	73.01	-	_
⊕ American Funds Global Balanced R6	_	6.00	79.01	_	_

## Total Holdings 16

Weight %

>50 25-50 10-25 0-10



# 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 28.18 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 69.39% lower than the Large Growth category average.

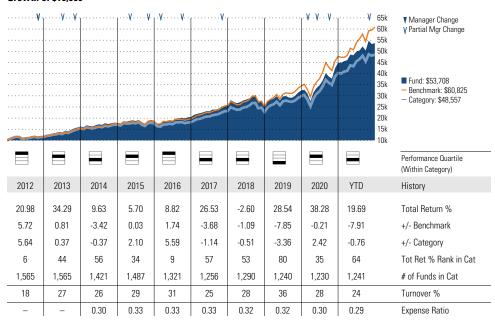
#### **Morningstar Investment Management LLC Analysis**

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**

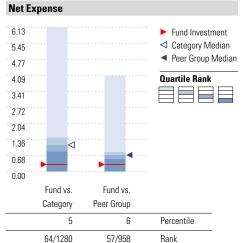
Metric	Rating	Updated
Sustainability Rating	1	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

## Growth of \$10,000





3-Year Risk Metrics



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 monio			
	Fund	Bmark	Cat
Alpha	-2.78	_	-2.24
Beta	0.95	_	0.97
R-Squared	93.80	_	91.07
Standard Deviation	18.09	18.42	18.79
Sharpe Ratio	1.44	1.65	1.46
Tracking Error	4.59	_	5.52
Information Ratio	-1.19	_	-0.92
Up Capture Ratio	85.58	_	90.02
Down Capture Ratio	86.27	_	93.02

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	29.17	34.55	33.66
Price/Book Ratio	6.46	12.90	9.38
Geom Avg Mkt Cap \$B	187.45	350.68	382.58
ROE	24.47	41.42	32.76



# American Funds Growth Fund of Amer R6 RGAGX

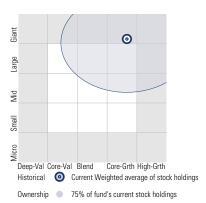
# Morningstar Category Large Growth

Morningstar Index

Russell 1000 Growth TR USD

# Style Analysis as of 12-31-2021

Morningstar Style Box™



# Style Breakdown

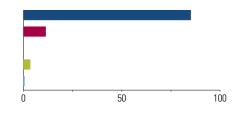
Equity

. ,			
8	22	52	raige
3	6	9	2
0	0	2	dilaii
Value	Blend	Growth	

Weight %

>50 25-50 10-25 0-10

# Asset Allocation as of 12-31-2021



Total	100.00	100.00
Other	0.43	0.84
Cash	3.33	1.24
Bonds	0.00	0.00
Non-US Stocks	11.21	5.04
US Stocks	85.02	92.88
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-3	31-2021			
		Fund	Bmark	Cat	Fund Benchmark Category Average
Դ	Cyclical	34.33	27.10	27.84	
A	Basic Materials	1.77	1.01	1.42	
A	Consumer Cyclical	24.52	18.10	16.02	
<del>,</del>	Financial Services	7.67	6.18	9.17	
ıπ	Real Estate	0.37	1.81	1.23	
W	Sensitive	50.78	59.94	57.10	
0	Communication Services	17.62	11.76	14.86	
•	Energy	1.86	0.30	0.68	
Ф	Industrials	6.52	5.97	6.23	
	Technology	24.78	41.91	35.33	
<b>→</b>	Defensive	14.91	12.96	15.06	
Ħ	Consumer Defensive	2.26	4.29	2.91	
+	Healthcare	11.98	8.64	11.79	
•	Utilities	0.67	0.03	0.36	
					0% 5 10 15 20 25 30 35 40 45 50 55 60

<b>Top 15 Holdings</b> as of 12-31-2021				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Tesla Inc	7.46	7.46	49.76	Consumer Cyclical
	6.11	13.58	52.24	Technology
⊕ Amazon.com Inc	4.53	18.11	2.38	Consumer Cyclical
○ Netflix Inc	4.51	22.62	11.41	Communication Svc
	4.09	26.70	23.13	Communication Svc
① Capital Group Central Cash Fund	3.40	30.11	_	_
	2.97	33.08	65.17	Communication Svc
① UnitedHealth Group Inc	2.36	35.44	44.79	Healthcare
	2.02	37.46	65.30	Communication Svc
⊕ Broadcom Inc	1.90	39.36	55.38	Technology
	1.31	40.67	43.48	Healthcare
	1.04	41.71	1.16	Financial Services
① Taiwan Semiconductor Manufacturing Co Ltd	1.00	42.71	18.02	Technology
① Shopify Inc Registered Shs -A- Subord Vtg	0.97	43.69	21.18	Technology
⊕ The Home Depot Inc	0.93	44.62	58.73	Consumer Cyclical

## **Total Holdings 416**



# American Funds Invmt Co of Amer R6 RICGX

Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

## Portfolio Manager(s)

James Lovelace since 03-1992 Donald O'Neal since 03-1992 Jovce Gordon since 01-2001 Christopher Buchbinder since 03-2007 Barry Crosthwaite since 01-2013 Grant Cambridge since 03-2014 Martin Romo since 07-2018 Martin Jacobs since 12-2019 James Terrile since 03-2020

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 29.85 years.

Style: The fund has landed in its primary style box — Large Blend — 72.73 % of the time over the past three

Net Expense: The fund's expense ratio of 0.27 is 66.67% lower than the Large Blend category average.

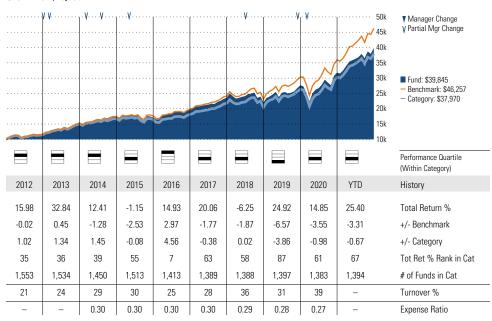
#### **Morningstar Investment Management LLC Analysis**

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

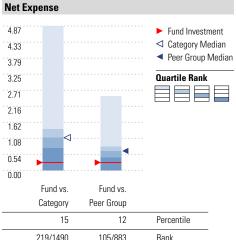
## **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

# Growth of \$10,000







105/883 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 Kisk Metrics			
	Fund	Bmark	Cat
Alpha	-1.94	-	-1.70
Beta	0.92	-	0.97
R-Squared	97.95	_	95.10
Standard Deviation	16.24	17.41	17.41
Sharpe Ratio	1.24	1.38	1.25
Tracking Error	2.68	_	3.76
Information Ratio	-1.66	_	-1.29
Up Capture Ratio	90.14	_	93.94
Down Capture Ratio	99.74	_	100.53

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	23.55	25.15	25.73
Price/Book Ratio	4.07	4.59	5.74
Geom Avg Mkt Cap \$B	223.15	230.65	305.14
ROE	29.42	32.75	38.00



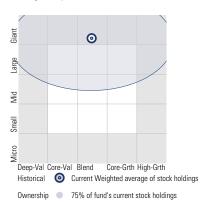
# American Funds Invmt Co of Amer R6 RICGX

# Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

# Style Analysis as of 12-31-2021

Morningstar Style Box™



# Style Breakdown

Equity

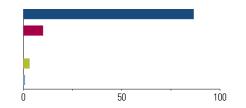
25	31	33	Large
6	3	2	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

## Asset Allocation as of 12-31-2021



Total	100.00	100.00
Other	0.66	1.47
Cash	2.99	0.14
Bonds	0.00	0.81
Non-US Stocks	9.84	2.90
US Stocks	86.50	94.69
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-	31-2021			
		Fund	Bmark	Cat	Fund • Benchmark [] Category Average
<u></u>	Cyclical	27.27	30.24	30.60	
A.	Basic Materials	4.38	2.27	2.74	
<b>A</b>	Consumer Cyclical	11.26	12.29	11.31	
ê	Financial Services	9.46	12.91	14.10	
æ	Real Estate	2.17	2.77	2.45	
W	Sensitive	50.78	47.59	46.81	0
	Communication Services	15.00	10.16	9.79	
ð	Energy	4.36	2.67	2.39	
ф	Industrials	10.04	8.13	9.86	
	Technology	21.38	26.63	24.77	
<b>-</b>	Defensive	21.95	22.18	22.60	
=	Consumer Defensive	6.42	6.30	6.60	
٠	Healthcare	11.84	13.38	13.78	
•	Utilities	3.69	2.50	2.22	
					0% 5 10 15 20 25 30 35 40 45 50

<b>Top 15 Holdings</b> as of 12-31-2021				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	8.51	8.51	52.24	Technology
→ Broadcom Inc	4.38	12.89	55.38	Technology
	4.23	17.12	23.13	Communication Svc
⊕ Amazon.com Inc	3.65	20.77	2.38	Consumer Cyclical
⊕ Comcast Corp Class A	3.12	23.89	-2.08	Communication Svc
Capital Group Central Cash Fund	2.91	26.80	_	_
Netflix Inc     ■     Netflix Inc     Netflix Inc     ■     Netflix Inc     Netflix Inc	2.88	29.68	11.41	Communication Svc
Abbott Laboratories	2.79	32.47	30.19	Healthcare
The Home Depot Inc	2.67	35.15	58.73	Consumer Cyclical
	2.45	37.59	65.30	Communication Svc
⊕ Philip Morris International Inc	2.19	39.78	20.67	Consumer Defensive
Apple Inc	2.00	41.78	34.48	Technology
→ UnitedHealth Group Inc	1.98	43.76	44.79	Healthcare
€ Linde PLC	1.57	45.33	33.08	Basic Materials
⊕ General Electric Co	1.53	46.87	9.71	Industrials

## **Total Holdings** 191



# 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
Nicholas Grace since 01-2008
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
Lisa Thompson since 10-2019
Kirstie Spence since 12-2019
Piyada Phanaphat since 01-2021
Akira Shiraishi since 01-2021
Dawid Justus since 01-2022

#### **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 22.56 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 52.1% 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
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	4	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021





3-Year Risk Metrics



•			
	Fund	Bmark	Cat
Alpha	8.34	_	1.96
Beta	0.88	_	0.99
R-Squared	87.38	_	90.38
Standard Deviation	17.60	18.59	19.41
Sharpe Ratio	1.03	0.61	0.68
Tracking Error	6.61	_	5.81
Information Ratio	1.22	_	0.30
Up Capture Ratio	108.75	_	102.20
Down Capture Ratio	77.83	_	95.08

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	21.24	12.49	14.48
Price/Book Ratio	3.38	1.84	2.32
Geom Avg Mkt Cap \$B	66.76	43.97	53.07
ROE	20.37	18.03	18.99





# American Funds New World R6 RNWGX

# Morningstar CategoryMorningstar IndexDiversified Emerging MktsMSCI EM NR USD

# Style Analysis as of 12-31-2021

Morningstar Style Box™



# Style Breakdown

Equity

12	31	46	Laige
2	4	5	MIN
1	0	0	JIIaii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.30	0.14
Cash	4.27	2.27
Bonds	2.55	-0.03
Non-US Stocks	67.91	94.33
US Stocks	24.97	3.29
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	d	▼ Ben	chmark	C I Ca	ateaorv	Averag	ае			
Դ	Cyclical	37.47	42.89	41.50						3. 7				1	
A	Basic Materials	8.62	8.51	6.37			1								
A	Consumer Cyclical	12.38	13.12	13.94				ı <b>"</b> []							
æ	Financial Services	14.96	19.34	19.72											
ŵ	Real Estate	1.51	1.92	1.47											
W	Sensitive	41.22	44.69	45.46											
d	Communication Services	9.24	11.12	11.22											
•	Energy	3.35	5.66	4.95											
Ф	Industrials	8.58	5.08	5.52											
	Technology	20.05	22.83	23.77											
<b>→</b>	Defensive	21.32	12.41	13.04											
Ħ	Consumer Defensive	5.77	5.66	6.81		<u> </u>									
+	Healthcare	13.72	4.41	4.93											
•	Utilities	1.83	2.34	1.30											
					0%	5	10	15	20	25	30	35	40	45	50

## World Regions % Equity 12-31-2021



Greater Asia	Fund % 39.39	Cat % 73.88
Japan	2.94	0.13
Australasia	0.88	0.05
Asia-4 Tigers	8.05	27.34
Asia-ex 4 Tigers	27.52	46.36
Not Classified	0.00	0.00

Americas	Fund % 37.45	Cat % 12.03	Greater Europe	Fund % 23.15	Cat % 14.08	Market Maturity	Fund %
North America	28.88	3.05	United Kingdom	2.55	0.83	Developed Markets	61.07
Central/Latin	8.57	8.98	W euro-ex UK	17.20	2.29	<b>Emerging Markets</b>	38.93
			Emrgng Europe	1.79	6.62	Not Available	0.00
			Africa	1.61	4.34		

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Capital Group Central Cash Fund	4.21	4.21	_	_
	3.17	7.39	52.24	Technology
⊕ Taiwan Semiconductor Manufacturing Co Ltd	2.04	9.43	18.02	Technology
→ Reliance Industries Ltd	1.90	11.33	19.60	Energy
⊕ Kotak Mahindra Bank Ltd	1.79	13.12	-9.96	Financial Services
	1.53	14.65	3.47	Consumer Defensive
⇒ Silergy Corp	1.43	16.08	108.94	Technology
→ MercadoLibre Inc	1.36	17.44	-19.51	Consumer Cyclical
Thermo Fisher Scientific Inc	1.27	18.71	43.48	Healthcare
⇒ Alphabet Inc Class C	1.26	19.97	65.17	Communication Svc

## Total Holdings 562



# 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
Brady Enright 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 24.52 years.

× Style: The fund has landed in its primary style box — Large Blend — 45.45 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.27 is 66.67% lower than the Large Blend category average.

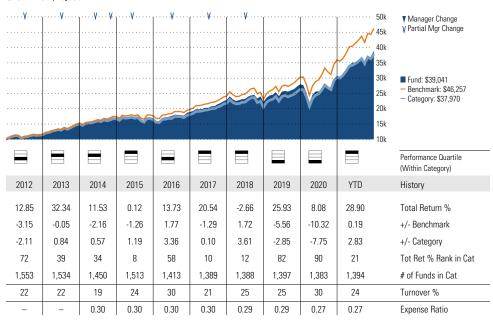
## **Morningstar Investment Management LLC Analysis**

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.

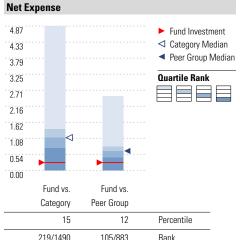
## **ESG Metrics**

Rating	Updated
1-Low	12-16-2021
2	11-30-2021
Low Risk	09-30-2021
	1-Low 2

## Growth of \$10,000







J-1 Cui Illak Michica			
	Fund	Bmark	Cat
Alpha	-2.94	_	-1.70
Beta	0.93	_	0.97
R-Squared	94.33	_	95.10
Standard Deviation	16.72	17.41	17.41
Sharpe Ratio	1.16	1.38	1.25
Tracking Error	4.15	_	3.76
Information Ratio	-1.32	_	-1.29
Up Capture Ratio	87.20	_	93.94
Down Capture Ratio	98.08	_	100.53

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.23	25.15	25.73
Price/Book Ratio	3.48	4.59	5.74
Geom Avg Mkt Cap \$B	157.45	230.65	305.14
ROE	27.61	32.75	38.00



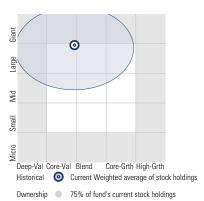
# American Funds Washington Mutual R6 RWMGX

# Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

# Style Analysis as of 12-31-2021

Morningstar Style Box™



# Style Breakdown

Equity

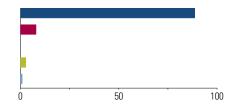
30	39	16	Large
7	6	2	MIN
0	0	0	SIIIdii

Value Blend Growth

## Weight %

>50 25-50 10-25 0-10

## Asset Allocation as of 12-31-2021



Total	100.00	100.00
Other	0.79	1.47
Cash	2.69	0.14
Bonds	0.00	0.81
Non-US Stocks	7.86	2.90
US Stocks	88.66	94.69
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-3	31-2021			
		Fund	Bmark	Cat	Fund • Benchmark [] Category Average
<u></u>	Cyclical	30.97	30.24	30.60	
A	Basic Materials	3.43	2.27	2.74	
A	Consumer Cyclical	6.09	12.29	11.31	
ı <del>, j</del>	Financial Services	18.93	12.91	14.10	
ŵ	Real Estate	2.52	2.77	2.45	
W	Sensitive	41.72	47.59	46.81	
	Communication Services	7.81	10.16	9.79	
•	Energy	4.46	2.67	2.39	
Ф	Industrials	10.15	8.13	9.86	
	Technology	19.30	26.63	24.77	
<b>→</b>	Defensive	27.31	22.18	22.60	
Ħ	Consumer Defensive	5.98	6.30	6.60	
+	Healthcare	18.24	13.38	13.78	
•	Utilities	3.09	2.50	2.22	
					0% 5 10 15 20 25 30 35 40 45 5

<b>Top 15 Holdings</b> as of 12-31-2021				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	6.22	6.22	52.24	Technology
⊕ Broadcom Inc	6.19	12.41	55.38	Technology
─ UnitedHealth Group Inc	3.89	16.30	44.79	Healthcare
⊕ Comcast Corp Class A	3.49	19.78	-2.08	Communication Svc
⊕ Capital Group Central Cash Fund	2.75	22.53	_	_
The Home Depot Inc     The Home Depot Inc	2.23	24.76	58.73	Consumer Cyclical
→ BlackRock Inc	2.21	26.98	29.18	Financial Services
→ Pfizer Inc	2.18	29.16	64.66	Healthcare
	2.16	31.32	50.27	Financial Services
○ CVS Health Corp	2.04	33.36	53.97	Healthcare
⊕ CME Group Inc Class A	1.95	35.32	29.26	Financial Services
→ JPMorgan Chase & Co	1.73	37.05	27.53	Financial Services
⊖ Johnson & Johnson	1.63	38.68	11.36	Healthcare
⊝ Intel Corp	1.25	39.93	6.16	Technology
⊕ CSX Corp	1.23	41.16	25.53	Industrials

## **Total Holdings** 183



# BlackRock High Yield Bond K BRHYX

Morningstar Category High Yield Bond Morningstar Index ICE BofA US High Yield TR USD

## Portfolio Manager(s)

James Keenan since 12-2007 Derek Schoenhofen since 05-2009 Mitchell Garfin since 05-2009 David Delbos since 03-2014

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 14.01 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.51 is 45.16% lower than the High Yield Bond category average.

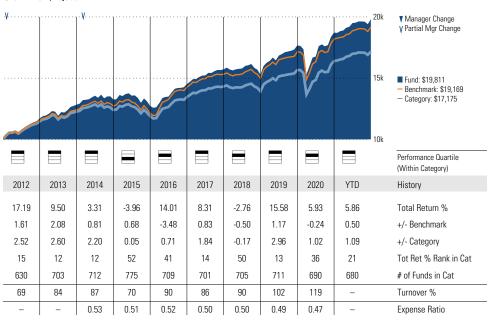
#### **Morningstar Investment Management LLC Analysis**

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

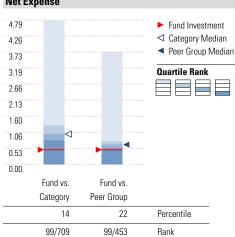
#### **ESG Metrics**

Metric	Rating	Updated
ESG Commitment	2-Basic	12-16-2021

## 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 KISK Wetrics			
	Fund	Bmark	Cat
Alpha	0.33	_	-0.59
Beta	1.01	_	0.97
R-Squared	99.12	_	95.71
Standard Deviation	9.43	9.27	9.19
Sharpe Ratio	0.88	0.85	0.78
Tracking Error	0.89	_	2.20
Information Ratio	0.51	_	-0.42
Up Capture Ratio	102.96	_	93.21
Down Capture Ratio	99.93	_	98.40

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	1.45	-	3.34
Avg Eff Maturity	7.45	_	4.35

M RNINGSTAR



# BlackRock High Yield Bond K BRHYX

Style Analysis as of 12-31-2021
Style Breakdown
Fixed Income

Quality

Etd Mod Ext
Duration

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	0.66	_	1.69
AA	0.00	_	0.19
A	0.27	_	0.29
BBB	2.36	_	3.95
BB	31.98	_	35.70
В	44.10	_	37.32
Below B	17.60	_	18.19
Not Rated	3.02	_	2.67

#### Asset Allocation as of 12-31-2021 Asset Class Net % Cat% US Stocks 2.35 1.04 Non-US Stocks 0.00 0.00 Bonds 93.76 90.09 Cash 2.37 6.77 Other 1.53 2.10

Total

100

**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 90 9500

ICE BofA US High Yield TR USD

100.00

100.00

Sector Weighting as of 12-3	31-2021			
	Fund	Bmark	Cat	Fund • Benchmark [] Category Average
Government	0.04	_	0.95	
Treasury	0.00	_	0.52	
Inflation - Protected	0.00	_	0.00	
Agency/Quasi Agency	0.04	_	0.11	
Other Government Related	0.00	_	0.32	
Corporate	96.61	-	88.45	(
Corporate Bond	83.30	_	83.71	
Bank Loan	11.93	_	3.14	
Convertible	1.38	_	1.45	
Preferred	0.00	_	0.15	
Securitized	0.33	_	1.40	
Agency MBS Pass-Through	0.00	_	0.05	
Agency MBS ARM	0.00	_	0.00	
Agency MBS CMO	0.00	_	0.10	
Non-Agency Residential MBS	0.00	_	0.13	
Commercial MBS	0.00	_	0.41	
Asset-Backed	0.33	_	0.71	
Covered Bond	0.00	_	0.00	
Municipal	0.00	-	0.09	
Cash & Equivalents	2.98	-	8.00	
Other	0.04	-	1.11	

Top 10 Holdings as of 12-31-2021 Name Maturity Date % Net Asset Cumulative % Fixed Income Sector BlackRock Liquidity T-Fund Instl 2.74 274 ⊕ iShares iBoxx \$ High Yield Corp Bd ETF 1.84 4.58 ① TransDigm, Inc. 6.25% 03-2026 1.26 5.84 ① SPDR® Blmbg Barclays High Yield Bd ETF 1.17 7.01 ① Clarios Global Lp 8.5% 05-2027 0.60 7.61 ① Ascent Resources Utica Holdings LI TI 11-2025 0.60 8.21 iShares Broad USD High Yield Corp Bd ETF 0.52 8.73 ① Brand Energy & Infrastructure Serv TI 06-2024 0.52 9.25 Altice France Holdings S A 10.5% 05-2027 0.51 9.75 Verscend Escrow Corp 9.75% 08-2026 0.47 10.22

50

**Total Holdings 1591** 



## Invesco Global R6 OGLIX

#### Portfolio Manager(s)

John Delano since 03-2017

#### **Quantitative Screens**

Performance: The fund has finished in the World Large-Stock Growth category's top three quartiles in 8 of the 9 years it's been in existence.

Management: The fund's management has been in place for 4.76 years.

Net Expense: The fund's expense ratio of 0.68 is 39.82% lower than the World Large-Stock Growth category average.

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

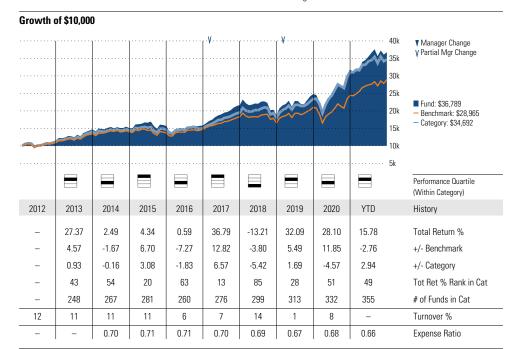
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

#### **ESG Metrics**

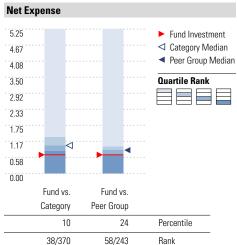
Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	4	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

Morningstar Category
World Large-Stock Growth
MSI

Morningstar Index MSCI ACWI NR USD







3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	1.81	_	4.75
Beta	1.13	_	0.97
R-Squared	94.19	_	88.15
Standard Deviation	19.88	17.08	17.79
Sharpe Ratio	1.19	1.13	1.32
Tracking Error	5.28	_	6.01
Information Ratio	0.90	_	0.80
Up Capture Ratio	117.58	_	106.29
Down Capture Ratio	112.39	_	87.69

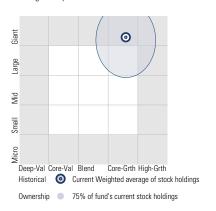
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	35.27	20.00	30.89
Price/Book Ratio	6.10	2.94	5.51
Geom Avg Mkt Cap \$B	147.82	117.03	153.71
ROE	27.31	25.94	26.47



## Invesco Global R6 OGLIX

#### Style Analysis as of 12-31-2021

Morningstar Style Box™



#### Style Breakdown

Equity

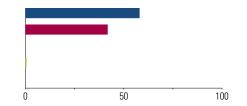
1	27	63	Large
0	1	6	MIG
0	0	1	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

#### Asset Allocation as of 12-31-2021



Total	100.00	100.00
Other	0.00	0.74
Cash	0.36	2.04
Bonds	0.00	0.00
Non-US Stocks	41.70	39.63
US Stocks	57.93	57.59
Asset Class	Net %	Cat%

**Morningstar Index** 

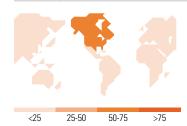
MSCI ACWI NR USD

**Morningstar Category** 

World Large-Stock Growth

Sec	ctor Weighting as of 12-3	31-2021								
		Fund	Bmark	Cat	Fund	▼ Benchmark	Category	/ Averag	e	
<u></u>	Cyclical	28.57	34.20	31.89						
Å.	Basic Materials	1.84	4.52	3.16						
A	Consumer Cyclical	14.39	11.85	14.13						
<b>P</b>	Financial Services	9.60	15.09	13.53						
<b>fi</b>	Real Estate	2.74	2.74	1.07	<b>()</b>					
W	Sensitive	62.79	44.33	48.05		_				
	Communication Services	17.40	8.92	10.81						
•	Energy	0.00	3.48	0.94	0					
Ф	Industrials	14.77	9.54	9.81						
	Technology	30.62	22.39	26.49						
<b>→</b>	Defensive	8.63	21.45	20.07						
Ħ	Consumer Defensive	0.00	6.96	4.66	[					
+	Healthcare	8.63	11.83	14.33		<b>•</b> ( )				
•	Utilities	0.00	2.66	1.08						

#### World Regions % Equity 12-31-2021



Greater Asia	Fund % 20.18	Cat % 14.33
Japan	12.06	4.05
Australasia	0.00	0.30
Asia-4 Tigers	0.00	4.73
Asia-ex 4 Tigers	8.12	5.25
Not Classified	0.00	0.00

Americas	Fund % 58.38	Cat % 62.22	Greater Europe	Fund % 21.44	Cat % 23.46	Market Maturity	Fund %
North America	58.15	61.08	United Kingdom	1.13	4.72	Developed Markets	91.64
Central/Latin	0.23	1.14	W euro-ex UK	20.31	18.22	Emerging Markets	8.36
			Emrgng Europe	0.00	0.23	Not Available	0.00
			Africa	0.00	0.29		

<b>pp 10 Holdings</b> as of 12-31-2021				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Alphabet Inc Class A	11.23	11.23	65.30	Communication Svc
Intuit Inc	6.46	17.69	69.98	Technology
S&P Global Inc	5.29	22.98	44.50	Financial Services
LVMH Moet Hennessy Louis Vuitton SE	5.28	28.27	43.67	Consumer Cyclical
Meta Platforms Inc Class A	5.09	33.36	23.13	Communication Svc
Adobe Inc	4.24	37.60	13.38	Technology
Analog Devices Inc	3.41	41.01	20.85	Technology
Nidec Corp	3.31	44.32	4.58	Industrials
JD.com Inc ADR	3.28	47.60	-20.28	Consumer Cyclical
Keyence Corp	3.04	50.64	24.93	Technology

#### Total Holdings 74



## **Loomis Sayles Investment Grade Bond N** LGBNX

Morningstar Category Morningstar Index
Intermediate Core-Plus Bond BBgBarc US Agg Bond TR USD

#### Portfolio Manager(s)

Matthew Eagan since 09-2006 Elaine Stokes since 09-2006 Brian Kennedy since 02-2013

#### **Quantitative Screens**

Performance: The fund has finished in the Intermediate Core-Plus Bond category's top three quartiles in 7 of the 8 years it's been in existence.

Management: The fund's management has been in place for 15.26 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.45 is 40% lower than the Intermediate Core-Plus Bond category average.

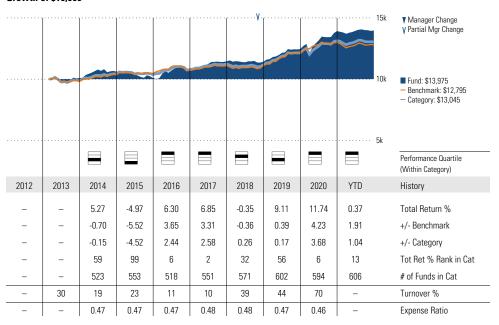
#### **Morningstar Investment Management LLC Analysis**

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

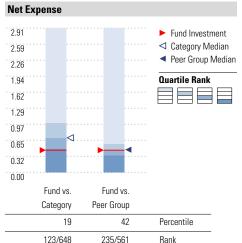
#### **ESG Metrics**

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	2	11-30-2021

#### Growth of \$10,000







3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	1.87	_	0.62
Beta	1.06	_	1.02
R-Squared	44.56	_	61.97
Standard Deviation	5.39	3.40	4.62
Sharpe Ratio	1.13	1.18	1.05
Tracking Error	4.02	-	2.93
Information Ratio	0.54	-	0.27
Up Capture Ratio	130.92	_	115.36
Down Capture Ratio	105.89	-	117.26

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	4.07	4.43	6.17
Avg Eff Maturity	7.44	-	8.05



Duration

## **Loomis Sayles Investment Grade Bond N** LGBNX

Morningstar Category Morningstar Index
Intermediate Core-Plus Bond BBgBarc US Agg Bond TR USD

Style Analysis as of 12-31-2021
Style Breakdown
Fixed Income

Quality

G

Aid

Ltd Mod Ext

0	50	100

Asset Allocation as of 12-31-2021

Total	100.00	100.00
Other	5.39	2.02
Cash	3.44	2.35
Bonds	91.16	95.54
Non-US Stocks	0.00	0.00
US Stocks	0.00	0.11
Asset Class	Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	15.25	3.53	46.15
AA	7.59	74.59	5.13
A	12.90	10.82	11.59
BBB	43.28	8.32	21.70
BB	7.06	0.28	7.39
В	1.52	0.00	2.84
Below B	0.02	0.00	1.36
Not Rated	12.38	2.46	3.84

Sector Weighting as of 12-	31-2021														
	Fund	Bmark	Cat	Fund	•	Benchr	nark	[] (	Cateo	jory A	veraç	ge			
Government	13.78	_	27.15												
Treasury	13.02	-	17.21												
Inflation – Protected	0.00	-	0.70	10											
Agency/Quasi Agency	0.76	_	0.73	0											
Other Government Related	0.00	-	8.51												
Corporate	60.01	_	28.89												
Corporate Bond	55.02	_	26.80												
Bank Loan	0.11	-	0.68	10											
Convertible	3.55	-	1.26												
Preferred	1.33	_	0.15	•											
Securitized	22.83	_	31.43												
Agency MBS Pass-Through	0.00	-	14.81	1											
Agency MBS ARM	0.00	_	0.03												
Agency MBS CMO	0.00	_	1.91												
Non-Agency Residential MBS	0.47	_	0.59	0											
Commercial MBS	1.64	_	4.61												
Asset-Backed	20.72	_	9.46												
Covered Bond	0.00	_	0.02												
Municipal	0.12	_	1.08	i[											
Cash & Equivalents	3.12	_	9.16												
Other	0.00	_	2.10												
				0% 5	10	15	20	25	30	35	40	45	50	55	60 65

<b>op 10 Holdings</b> as of 12-31-2021				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
Us 10yr Ultra Fut Mar22 Xcbt 20220322	03-2022	10.43	10.43	_
United States Treasury Notes 0.125%	04-2022	3.59	14.02	-
United States Treasury Notes 0.125%	08-2023	3.44	17.46	-
United States Treasury Notes 0.125%	06-2022	3.01	20.46	-
United States Treasury Notes 0.375%	03-2022	2.14	22.60	_
United States Treasury Notes 0.125%	12-2022	2.07	24.67	_
United States Treasury Notes 0.125%	04-2023	1.37	26.04	-
JPMorgan Chase & Co. 4.125%	12-2026	1.34	27.38	-
Bank of America Corporation 3.419%	12-2028	0.91	28.30	-
National Life Insurance Company 10.5%	09-2039	0.75	29.05	_

Total Holdings 717



## MFS Instl International Equity MIEIX

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

#### Portfolio Manager(s)

Daniel Ling since 10-2009 Filipe Benzinho since 05-2016

#### **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 12.26 years.

Net Expense: The fund's expense ratio of 0.69 is 26.6% lower than the Foreign Large Blend category average.

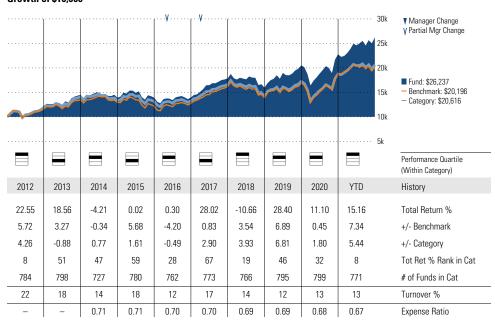
#### **Morningstar Investment Management LLC Analysis**

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.

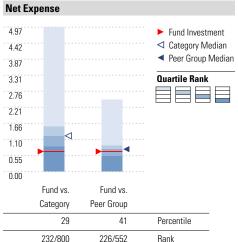
#### **ESG Metrics**

Metric	Rating	Updated
ESG Commitment	2-Basic	12-16-2021
Sustainability Rating	4	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

#### Growth of \$10,000







3-Year RISK Wietrics			
	Fund	Bmark	Cat
Alpha	5.31	_	0.94
Beta	0.91	_	1.00
R-Squared	91.25	_	94.25
Standard Deviation	16.23	17.03	17.48
Sharpe Ratio	1.05	0.76	0.80
Tracking Error	5.04	_	4.25
Information Ratio	0.96	_	0.25
Up Capture Ratio	103.75	_	101.95
Down Capture Ratio	82.27	_	98.67

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	23.06	15.08	16.26
Price/Book Ratio	3.00	1.88	1.95
Geom Avg Mkt Cap \$B	71.53	47.47	56.01
ROE	18.67	17.76	18.41

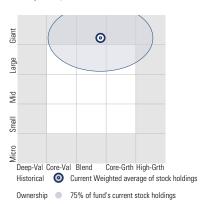


## MFS Instl International Equity MIEIX

## Morningstar CategoryMorningstar IndexForeign Large BlendMSCI ACWI Ex USA NR USD

#### Style Analysis as of 12-31-2021

Morningstar Style Box™



#### Style Breakdown

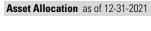
Equity

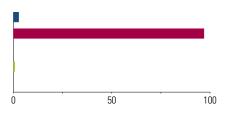
1. /			
14	56	25	Large
1	3	1	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

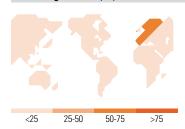




Total	100.00	100.00
Other	0.00	0.66
Cash	0.58	0.99
Bonds	0.00	0.37
Non-US Stocks	96.86	95.06
US Stocks	2.56	2.90
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	۱ ۱	Bench	mark	Cateo	gory Ave	erage		_	
<b>Դ</b>	Cyclical	31.49	40.77	38.54										
A.	Basic Materials	7.81	8.11	7.56			0							
<b>A</b>	Consumer Cyclical	8.71	11.11	11.22										
	Financial Services	14.97	19.16	17.67					0 '					
<b>fi</b>	Real Estate	0.00	2.39	2.09										
W	Sensitive	35.26	38.11	37.88										
	Communication Services	3.11	6.80	5.96		[								
ð	Energy	1.67	5.01	4.10										
Ф	Industrials	17.76	12.27	15.11										
	Technology	12.72	14.03	12.71				0						
<b>→</b>	Defensive	33.25	21.12	23.58										
=	Consumer Defensive	14.45	8.39	9.12										
+	Healthcare	17.70	9.70	11.68					1					
•	Utilities	1.10	3.03	2.78	<u> </u>	<u>'</u>								
					0%	5	10	15	20	25	30	35	40	4

#### World Regions % Equity 12-31-2021



	Fund %	Cat %
Greater Asia	26.04	35.68
Japan	16.61	19.04
Australasia	0.00	4.55
Asia-4 Tigers	4.73	6.95
Asia-ex 4 Tigers	4.70	5.14
Not Classified	0.00	0.00

Americas	Fund % 7.06	Cat % 8.02	Greater Europe	Fund % 66.90	Cat % 56.30	Market Maturity	Fund %
North America	6.80	7.05	United Kingdom	10.86	12.54	Developed Markets	95.04
Central/Latin	0.26	0.97	W euro-ex UK	55.03	42.20	Emerging Markets	4.96
			Emrgng Europe	0.00	0.63	Not Available	0.00
			Africa	1.01	0.93		

<b>Top 10 Holdings</b> as of 12-31-2021				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
○ Nestle SA	3.98	3.98	23.95	Consumer Defensive
	3.47	7.45	47.98	Industrials
	3.21	10.66	24.60	Healthcare
	2.62	13.28	16.25	Basic Materials
LVMH Moet Hennessy Louis Vuitton SE	2.51	15.79	43.67	Consumer Cyclical
○ Capgemini SE	2.40	18.19	71.49	Technology
○ Novo Nordisk A/S Class B	2.34	20.54	73.87	Healthcare
SAP SE	2.16	22.70	17.76	Technology
	1.95	24.65	-16.20	Financial Services
	1.94	26.59	12.79	Industrials

#### Total Holdings 80

## PIMCO Commodity Real Ret Strat Instl PCRIX

Morningstar Category Commodities Broad Basket Morningstar Index

Bloomberg Commodity TR USD

#### Portfolio Manager(s)

Nicholas Johnson since 01-2015 Greg Sharenow since 11-2018 Stephen Rodosky since 01-2019

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 7 years.

Style Consistency is not calculated for Fixed Income funds.

Q Net Expense: The fund's expense ratio of 0.82 is
 22.64% lower than the Commodities Broad Basket category average.

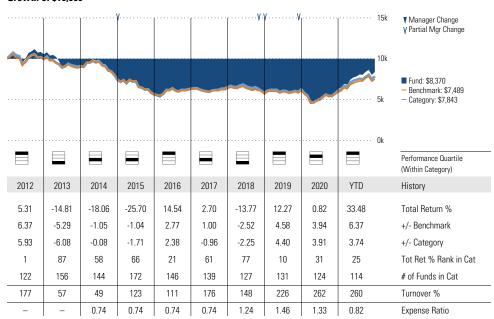
#### **Morningstar Investment Management LLC Analysis**

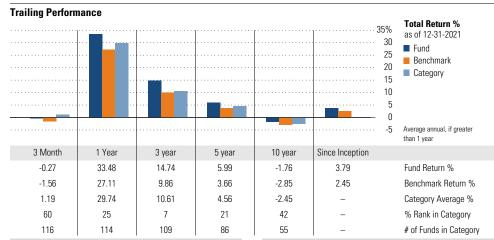
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

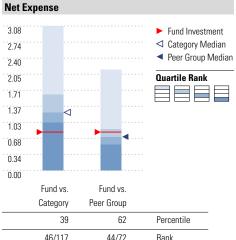
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	11-30-2021

#### Growth of \$10,000







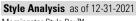
3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	2.98	_	0.78
Beta	1.19	-	1.09
R-Squared	96.65	_	85.54
Standard Deviation	18.67	15.46	18.55
Sharpe Ratio	0.79	0.63	0.64
Tracking Error	4.48	-	7.33
Information Ratio	1.09	-	0.31
Up Capture Ratio	121.02	-	109.45
Down Capture Ratio	106.31	-	107.62

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	12.32	_	14.38
Price/Book Ratio	1.51	_	1.78
Geom Avg Mkt Cap \$B	20.09	_	30.14
ROE	16.78	_	12.41



## PIMCO Commodity Real Ret Strat Instl PCRIX

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



Morningstar Style Box™

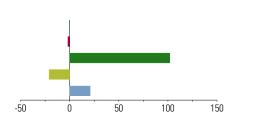


#### Style Breakdown



Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 12-31-2021

Asset Class	Net %	Cat%
US Stocks	0.01	2.20
Non-US Stocks	-1.75	0.58
Bonds	101.86	27.73
Cash	-20.89	64.46
Other	20.77	5.02
Total	100.00	100.00

Sec	ctor Weighting as of 12-3	1-2021														
		Fund	Bmark	Cat	Fund	•	Ber	nchma	rk [	Cate	jory Av	erage				
ሁ	Cyclical	_	_	30.70												
A.	Basic Materials	-	_	28.95												
A	Consumer Cyclical	_	_	1.75												
æ	Financial Services	_	_	0.00												
俞	Real Estate	_	_	0.00	j											
W	Sensitive	-	_	52.63												
	Communication Services	_	_	0.00	İ											
•	Energy	_	_	50.00												
Ф	Industrials	_	_	2.63												
	Technology	_	_	0.00	Ì											
<b>→</b>	Defensive	-	_	16.67												
Ħ	Consumer Defensive	_	_	16.67												
٠	Healthcare	_	_	0.00	İ											
•	Utilities	_	_	0.00	Ì											
					0%	5	10	15	20	25	30	35	40	45	50	5

<b>Top 15 Holdings</b> as of 12-31-2021				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Pimco Cayman Cmdty Fd Ltd Instl	19.96	19.96	_	_
⊕ Euro Schatz Future Dec 21	17.46	37.42	_	-
⊕ 5 Year Treasury Note Future Dec 21	16.15	53.57	_	-
☆ Cash Offset	13.40	66.97	_	-
① United States Treasury Notes 0.125%	13.36	80.33	-	-
① 2 Year Treasury Note Future Dec 21	10.05	90.38	_	_
─ EUROPEAN MONETARY UNION EURO Sold	8.23	98.62	_	_
⊕ EUROPEAN MONETARY UNION EURO Purchased	8.23	106.85	_	_
⊕ United States Treasury Notes 0.125%	8.20	115.05	_	-
① United States Treasury Notes 0.125%	7.81	122.86	-	-
⊕ United States Treasury Notes 0.625%	7.78	130.64	_	_
	7.50	138.14	-	_
□ U S TIPS REV REPO	7.08	145.22	-	_
⊕ United States Treasury Notes 0.125%	6.35	151.57	-	_
□ U S TIPS REV REPO	5.83	157.39	_	_

**Total Holdings 768** 



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

Morningstar Category
World Bond-USD Hedged

Morningstar Index

BBgBarc US Agg Bond TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 7.27 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.52 is
 29.73% lower than the World Bond-USD Hedged category average.

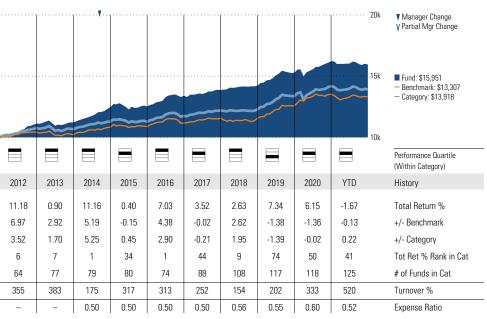
#### **Morningstar Investment Management LLC Analysis**

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

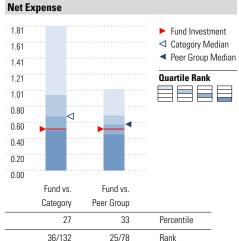
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	11-30-2021

## Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.46	_	-0.20
Beta	0.72	_	0.98
R-Squared	45.78	_	50.95
Standard Deviation	3.61	3.40	4.74
Sharpe Ratio	0.85	1.18	0.76
Tracking Error	2.82	-	3.46
Information Ratio	-0.33	_	-0.18
Up Capture Ratio	81.56	_	106.14
Down Capture Ratio	82.88	_	132.16

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	7.02	4.43	8.25
Avg Eff Maturity	8.05	_	7.05



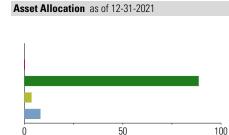
# PIMCO International Bond (USD-Hdg) Instl PFORX

## Morningstar Category World Bond-USD Hedged

#### Morningstar Index BBgBarc US Agg Bond TR USD

Style Analysis as of 12-31-2021





00 0.00 04 0.02 52 70.46 47 27.90 99 1.63
0.02 52 70.46
0.02
0.00
% Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	41.00	3.53	20.87
AA	24.00	74.59	15.27
A	8.00	10.82	24.04
BBB	20.00	8.32	26.78
BB	3.00	0.28	6.13
В	1.00	0.00	2.53
Below B	3.00	0.00	0.24
Not Rated	0.00	2.46	4.14

				0% !	10	15	20	25	30	35	40	45	50	55	60	65
Other	18.66	-	11.20													
Cash & Equivalents	3.53	_	14.50			0										
Municipal	0.03	_	0.14													
Covered Bond	0.99	_	0.30	D												
Asset-Backed	2.99	_	2.27													
Commercial MBS	0.17	_	0.82	1[]												
Non-Agency Residential MBS	0.84	_	0.20	0												
Agency MBS CMO	0.03	_	0.40													
Agency MBS ARM	0.00	_	0.00													
Agency MBS Pass-Through	3.04	_	2.49													
Securitized	8.06	-	6.48													
Preferred	0.19	_	0.04	ĺ												
Convertible	1.08	_	1.05													
Bank Loan	0.08	_	0.27													
Corporate Bond	3.14	_	16.99			[										
Corporate	4.49	-	18.35													
Other Government Related	50.29	_	9.23													
Agency/Quasi Agency	3.14	_	7.18													
Inflation – Protected	0.48	_	1.79	I []												
Treasury	10.33	_	31.01													
Government	64.24	-	49.21													
	Fund	Bmark	Cat	Fund	•	Benc	hmark		Categ	jory A	veraç	je				
Sector Weighting as of 12-	31-2021															

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
● IRS USD R 3ML/1ML+9.125 03/18/21-22 CME Pay	03-2022	22.70	22.70	_
⊕ IRS USD R 3ML/1ML+9.125 03/18/21-22 CME Receive	03-2022	22.69	45.40	_
⊕ IRS EUR -0.25000 03/16/22-5Y LCH Pay	03-2027	14.78	60.18	_
⊕ IRS EUR -0.25000 03/16/22-5Y LCH Receive	03-2027	14.68	74.86	_
⇒ JAPANESE YEN Sold	11-2021	13.56	88.43	_
JAPANESE YEN Purchased	11-2021	13.56	101.99	_
→ IRS EUR 0.25000 03/16/22-10Y LCH Receive	03-2032	11.48	113.47	_
⊕ IRS EUR 0.25000 03/16/22-10Y LCH Pay	03-2032	11.46	124.93	_
→ IRS USD 1.25000 12/15/21-5Y CME Receive	12-2026	10.43	135.36	_
→ IRS USD 1.25000 12/15/21-5Y CME Pay	12-2026	10.38	145.73	_

Total Holdings 1810



## PIMCO Real Return Instl PRRIX

Morningstar Category Inflation-Protected Bond Morningstar Index

BBgBarc US Treasury US TIPS TR USD

#### 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 team has been in place for less than three years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.47 is 22.95% lower than the Inflation-Protected Bond category average.

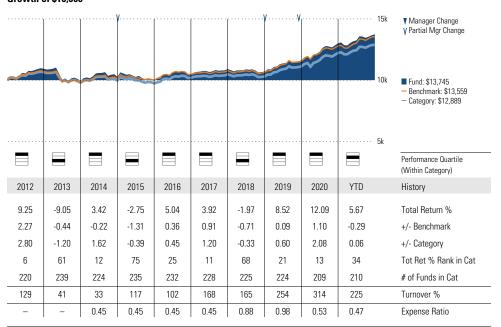
#### **Morningstar Investment Management LLC Analysis**

This fund fails manager tenure but the comanagers have delivered results that are consistent with the fund's strategy and performance under prior leadership.

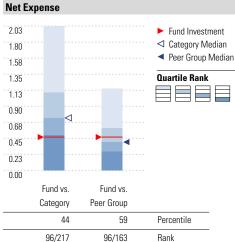
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2021

#### Growth of \$10,000







3-1 car hisk menics			
	Fund	Bmark	Cat
Alpha	0.15	_	-0.07
Beta	1.01	_	0.90
R-Squared	95.09	_	76.48
Standard Deviation	4.05	3.90	4.22
Sharpe Ratio	1.89	1.90	1.65
Tracking Error	0.90	-	2.21
Information Ratio	0.32	-	-0.60
Up Capture Ratio	103.48	-	90.34
Down Capture Ratio	104.04	-	95.16

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	7.44	4.52	6.06
Avg Eff Maturity	6.90	_	7.06



Duration

# PIMCO Real Return Insti PRRIX

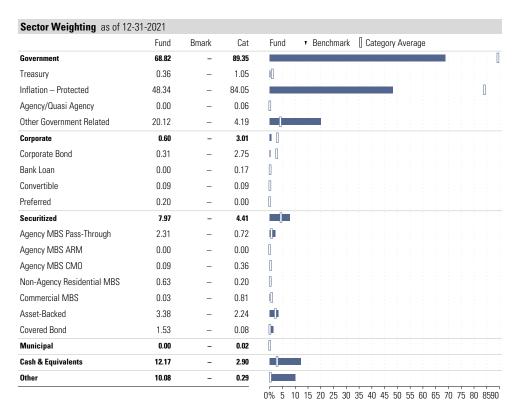
חו	IIΛ	
	<b>Asset Allocation</b>	í

**Morningstar Category Morningstar Index** Inflation-Protected Bond BBgBarc US Treasury US TIPS TR USD

Style	Anal	ysis	as	of 12-31-2021
Style E	Breakd	lown		
Fixed Ir	come			Quality
				High
				_ <del></del>
				<u>≤</u>
				Low
				<
Ltd	Mod	Ext		ı



Credit Rating Breakdown	Fund	Bmark	Cat
AAA	49.00	0.00	89.25
AA	32.00	99.60	6.41
A	9.00	0.00	1.27
BBB	7.00	0.00	1.83
BB	1.00	0.00	0.28
В	1.00	0.00	0.10
Below B	1.00	0.00	0.06
Not Rated	0.00	0.40	0.80



Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
☆ Cash Offset	_	23.57	23.57	_
⊕ Euro Schatz Future Dec 21	12-2021	18.59	42.16	_
⊕ 5 Year Treasury Note Future Dec 21	01-2022	18.02	60.17	_
→ U S TIPS REV REPO	10-2021	9.44	69.61	_
⇒ EUROPEAN MONETARY UNION EURO Purchased	11-2021	7.84	77.45	-
⊖ EUROPEAN MONETARY UNION EURO Sold	11-2021	7.84	85.29	_
→ 10 Year Treasury Note Future Dec 21	12-2021	7.43	92.72	_
→ U S TIPS REV REPO	10-2021	7.31	100.04	_
⊇ Year Treasury Note Future Dec 21	01-2022	5.85	105.88	_
	10-2021	4.98	110.87	_

Total Holdings 1002



## PIMCO Short-Term Instl PTSHX

#### **Morningstar Category** Ultrashort Bond

#### Morningstar Index

BBgBarc 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 11.01 years.

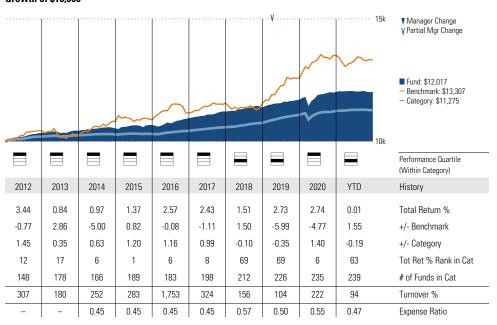
Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.47 is 6.82% higher than the Ultrashort Bond category average.

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

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

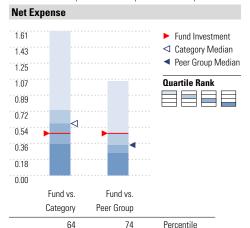
#### Growth of \$10,000



#### **Trailing Performance**



3-Year Risk Metrics



160	0/248	136/185	Rank				
Peer group is a subset of the category and includes funds with the							
same management style (active vs. passive) and similar share class							
characteristics							

	Fund	Bmark	Cat
Alpha	0.97	_	0.69
Beta	0.18	_	0.18
R-Squared	6.76	_	15.42
Standard Deviation	2.36	3.40	1.81
Sharpe Ratio	0.42	1.18	0.41
Tracking Error	3.60	_	3.44
Information Ratio	-0.83	_	-0.99
Up Capture Ratio	30.44	_	26.44
Down Capture Ratio	15.51	_	16.05

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	0.26	4.43	0.59
Avg Fff Maturity	0.09	_	2.49



## PIMCO Short-Term Instl PTSHX

Style Analysis a	ıs of 12-31-2021
Style Breakdown	
Fixed Income	Quality 표 의
	Mid
	Low
Ltd Mod Ext Duration	

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	28.00	3.53	42.54
AA	9.00	74.59	5.49
A	29.00	10.82	15.78
BBB	25.00	8.32	21.73
BB	7.00	0.28	1.74
В	2.00	0.00	1.81
Below B	0.00	0.00	0.46
Not Rated	0.00	2.46	10.45



**Morningstar Category** 

Morningstar Index

Sector Weighting as of 12-	31-2021											
	Fund	Bmark	Cat	Fund	•	Benchmark	[] Ca	ategory ,	Average			
Government	37.43	-	11.14									
Treasury	6.91	_	6.21									
Inflation - Protected	0.00	_	0.04									
Agency/Quasi Agency	8.03	_	1.36									
Other Government Related	22.49	_	3.53			:						
Corporate	17.51	-	36.19									
Corporate Bond	16.41	_	31.49									
Bank Loan	0.00	_	0.66									
Convertible	1.10	_	4.04									
Preferred	0.00	-	0.00	į								
Securitized	16.94	_	25.82									
Agency MBS Pass-Through	0.50	-	1.21									
Agency MBS ARM	0.09	_	0.77	1[]								
Agency MBS CMO	1.98	_	3.33									
Non-Agency Residential MBS	0.88	_	0.55	0								
Commercial MBS	1.88	_	2.43									
Asset-Backed	11.61	_	17.53									
Covered Bond	0.00	-	0.00									
Municipal	0.29	-	1.11	10								
Cash & Equivalents	19.78	-	25.04									
Other	5.84	_	0.57									
				n%	5	10	15	20	25	30	35	40

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⇒ 5 Year Treasury Note Future Dec 21	01-2022	20.64	20.64	_
⊕ 3 Month Canadian Bankers' Acceptance Future Dec 22	12-2022	19.88	40.52	_
	01-2022	16.42	56.93	_
⊇ Year Treasury Note Future Dec 21	01-2022	15.52	72.45	_
☆ Cash Offset	_	14.12	86.58	_
⊕ United States Treasury Notes 0.375%	09-2024	10.89	97.47	_
⊕ 3 Month Canadian Bankers' Acceptance Future Mar 23	03-2023	9.47	106.94	_
☆ Offset: Unsettled Trades	_	5.69	112.63	_
⊕ IRS USD R 3ML/1ML+9.75 01/13/22-23 CME Pay	01-2023	4.75	117.38	_
⊕ IRS USD R 3ML/1ML+9.75 01/13/22-23 CME Receive	01-2023	4.74	122.12	_

Total Holdings 1238



## 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 5.68 years.
- Net Expense: The fund's expense ratio of 0.04 is 95.06% 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
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

#### Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.03	_	-1.70
Beta	1.00	_	0.97
R-Squared	100.00	_	95.10
Standard Deviation	17.42	17.41	17.41
Sharpe Ratio	1.38	1.38	1.25
Tracking Error	0.01	_	3.76
Information Ratio	-3.26	_	-1.29
Up Capture Ratio	99.96	_	93.94
Down Capture Ratio	100.07	_	100.53

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	25.16	25.15	25.73
Price/Book Ratio	4.60	4.59	5.74
Geom Avg Mkt Cap \$B	230.90	230.65	305.14
ROE	32.76	32.75	38.00



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

Style Analysis as of 12-31-2021



#### Style Breakdown

Equity

			-
20	31	33	Large
6	8	3	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

#### Asset Allocation as of 12-31-2021



Total	100.00	100.00
Other	0.00	1.47
Cash	0.47	0.14
Bonds	0.00	0.81
Non-US Stocks	1.02	2.90
US Stocks	98.51	94.69
Asset Class	Net %	Cat%

Morningstar Index

S&P 500 TR USD

**Morningstar Category** 

Large Blend

		Fund	Bmark	Cat	Fund	▼ E	Benchmark	Ca	tegory	Averaç	ge	
b	Cyclical	30.22	30.24	30.60								
	Basic Materials	2.27	2.27	2.74								
-	Consumer Cyclical	12.30	12.29	11.31								
£	Financial Services	12.88	12.91	14.10								
b	Real Estate	2.77	2.77	2.45								
NI	Sensitive	47.62	47.59	46.81								
	Communication Services	10.16	10.16	9.79	_							
•	Energy	2.67	2.67	2.39		_						
\$	Industrials	8.14	8.13	9.86								
2	Technology	26.65	26.63	24.77								
+	Defensive	22.16	22.18	22.60		_						
=	Consumer Defensive	6.30	6.30	6.60			_					
ř	Healthcare	13.38	13.38	13.78	_							
?	Utilities	2.48	2.50	2.22								

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	6.83	6.83	34.48	Technology
	6.23	13.06	52.24	Technology
Amazon.com Inc	3.59	16.65	2.38	Consumer Cyclical
	2.15	18.80	65.30	Communication Svc
	2.12	20.92	49.76	Consumer Cyclical
	2.00	22.92	65.17	Communication Svc
	1.96	24.88	23.13	Communication Svc
→ NVIDIA Corp	1.81	26.70	125.41	Technology
⊖ Berkshire Hathaway Inc Class B	1.35	28.05	28.95	Financial Services
─ UnitedHealth Group Inc	1.17	29.22	44.79	Healthcare
	1.15	30.37	27.53	Financial Services
→ Johnson & Johnson	1.11	31.48	11.36	Healthcare
The Home Depot Inc	1.08	32.57	58.73	Consumer Cyclical
	0.98	33.54	20.01	Consumer Defensive
O Visa Inc Class A	0.89	34.43	-0.31	Financial Services

Total Holdings 510



## 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 8.86 years.

✓ Net Expense: The fund's expense ratio of 0.07 is 92.55% 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
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	2	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

## Growth of \$10,000





, ,	,,	- 1		- 1		1	007
Net Exp	ense						
4.97						und Inves	
4.42						ategory I	
3.87					• • P	eer Grou	p Median
3.31					Qua	rtile Ran	ık
2.76							
2.21							
1.66							
1.10	•	◁					
0.55							
0.00							
	Fund v	S.	Fund	VS.			
	Catego	ry	Peer Gro	up			
		4		30	Perc	entile	_
	32/80	00	70/2	34	Rank	(	_

3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	0.81	_	0.94
Beta	1.03	_	1.00
R-Squared	96.86	_	94.25
Standard Deviation	17.89	17.03	17.48
Sharpe Ratio	0.80	0.76	0.80
Tracking Error	3.22	_	4.25
Information Ratio	0.40	_	0.25
Up Capture Ratio	104.35	_	101.95
Down Capture Ratio	100.77	-	98.67

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.59	15.08	16.26
Price/Book Ratio	1.74	1.88	1.95
Geom Avg Mkt Cap \$B	31.48	47.47	56.01
ROE	16.71	17.76	18.41



# Vanguard Developed Markets Index Admiral VTMGX

## **Morningstar Category**Foreign Large Blend

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

#### Style Analysis as of 12-31-2021

Morningstar Style Box™



#### Style Breakdown

Equity

23	32	22	Large
6	9	5	Mid
1	2	1	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Asset Class	Net %	Cat%
US Stocks	1.04	2.90
Non-US Stocks	96.83	95.06
Bonds	0.00	0.37
Cash	2.09	0.99
Other	0.04	0.66
Total	100.00	100.00

		Fund	Bmark	Cat	Fund ▼ Benchmark [] Category Average
b	Cyclical	40.39	40.77	38.54	
	Basic Materials	8.04	8.11	7.56	
-	Consumer Cyclical	10.82	11.11	11.22	
ê	Financial Services	17.61	19.16	17.67	
b	Real Estate	3.92	2.39	2.09	
NF	Sensitive	37.42	38.11	37.88	
	Communication Services	5.06	6.80	5.96	
	Energy	4.24	5.01	4.10	
þ	Industrials	16.05	12.27	15.11	<u> </u>
1	Technology	12.07	14.03	12.71	
÷	Defensive	22.20	21.12	23.58	
Ę	Consumer Defensive	8.26	8.39	9.12	
ř	Healthcare	10.81	9.70	11.68	
2	Utilities	3.13	3.03	2.78	

#### World Regions % Equity 12-31-2021



	Fund %	Cat %
Greater Asia	35.47	35.68
Japan	20.42	19.04
Australasia	6.60	4.55
Asia-4 Tigers	8.14	6.95
Asia-ex 4 Tigers	0.31	5.14
Not Classified	0.00	0.00

Americas	Fund % 10.54	Cat % 8.02	Greater Europe	Fund % 53.99	Cat % 56.30	Market Maturity	Fund %
North America	10.43	7.05	United Kingdom	12.03	12.54	Developed Markets	99.21
Central/Latin	0.11	0.97	W euro-ex UK	40.95	42.20	Emerging Markets	0.79
			Emrgng Europe	0.36	0.63	Not Available	0.00
			Africa	0.65	0.93		

<b>Top 10 Holdings</b> as of 12-31-2021				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
○ Nestle SA	1.58	1.58	23.95	Consumer Defensive
	1.44	3.03	_	_
	1.29	4.31	78.48	Technology
⊕ Samsung Electronics Co Ltd	1.25	5.56	_	Technology
⊕ Roche Holding AG	1.16	6.72	24.60	Healthcare
⊕ Toyota Motor Corp	0.94	7.66	34.86	Consumer Cyclical
⊕ LVMH Moet Hennessy Louis Vuitton SE	0.85	8.51	43.67	Consumer Cyclical
→ Novartis AG	0.75	9.26	-1.70	Healthcare
⊕ AstraZeneca PLC	0.75	10.01	21.25	Healthcare
Novo Nordisk A/S Class B	0.74	10.74	73.87	Healthcare

#### Total Holdings 4127

## 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 11.6 years.
- Style: The fund has landed in its primary style box Large Value — 90.91 % of the time over the past three
- Net Expense: The fund's expense ratio of 0.35 is 65% 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	11-30-2021
Carbon Risk Score	Medium Risk	09-30-2021

## Growth of \$10,000







	25/360	22/282	Rank	
Peer grou	p is a subset of t	he category ar	nd includes fun	ds with the
same ma	nagement style (a	active vs. pass	ive) and simila	r share class
character	ictice			

Rank

3-Year KISK Wellics			
	Fund	Bmark	Cat
Alpha	-2.28	_	-3.87
Beta	1.11	_	1.12
R-Squared	95.65	_	93.09
Standard Deviation	19.55	17.16	19.86
Sharpe Ratio	0.65	0.78	0.57
Tracking Error	4.53	_	5.87
Information Ratio	-0.27	_	-0.57
Up Capture Ratio	105.53	_	102.36
Down Capture Ratio	115.40	_	119.52

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.19	16.51	11.67
Price/Book Ratio	1.61	1.86	1.32
Geom Avg Mkt Cap \$B	32.77	49.49	38.66
ROE	13.24	17.65	13.86



25/360

# Vanguard International Value Inv VTRIX

## Morningstar CategoryMorningstar IndexForeign Large ValueMSCI EAFE NR USD

#### Style Analysis as of 12-31-2021

Morningstar Style Box™



#### Style Breakdown

Equity

28	40	12	Large
6	10	2	Mid
1	1	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 12-31-2021

Total	100.00	100.00
Other	0.00	0.22
Cash	5.93	1.98
Bonds	0.00	0.26
Non-US Stocks	88.61	94.95
US Stocks	5.47	2.59
Asset Class	Net %	Cat%

Se	ctor Weighting as of 12-3	31-2021											
		Fund	Bmark	Cat	Fund	▼ Be	nchmark	[] Ca	itegory	Avera	ge	_	
Դ	Cyclical	47.64	38.34	43.40								•	
A	Basic Materials	11.07	7.68	8.93									
<u> </u>	Consumer Cyclical	18.07	10.93	11.23									
<b>P</b>	Financial Services	17.34	16.92	21.70			. '						
侖	Real Estate	1.16	2.81	1.54	<b>=</b> [								
W	Sensitive	37.93	34.95	34.99									
d	Communication Services	6.24	5.36	6.13									
•	Energy	5.92	3.67	6.56		•[							
Ф	Industrials	17.10	15.62	14.24									
	Technology	8.67	10.30	8.06									
<b>-</b>	Defensive	14.43	26.70	21.61									
Ħ	Consumer Defensive	6.08	10.26	7.97		<b>[</b>							
+	Healthcare	5.02	13.18	9.73			•						
•	Utilities	3.33	3.26	3.91									

#### World Regions % Equity 12-31-2021



Greater Asia	Fund % 35.90	Cat % 30.16	
Japan	10.34	17.30	
Australasia	1.21	2.67	
Asia-4 Tigers	11.15	7.26	
Asia-ex 4 Tigers	13.20	2.93	
Not Classified	0.00	0.00	

Americas	Fund % 11.26	Cat % 8.50	Greater Europe	Fund % 52.83	Cat % 61.33	Market Maturity	Fund %
North America	7.77	7.25	United Kingdom	17.85	18.17	Developed Markets	82.09
Central/Latin	3.49	1.25	W euro-ex UK	33.69	42.17	Emerging Markets	17.91
			Emrgng Europe	0.24	0.47	Not Available	0.00
			Africa	1.05	0.52		

<b>Top 10 Holdings</b> as of 12-31-2021				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Mktliq 12/31/2049	5.48	5.48	-	_
⊕ Alibaba Group Holding Ltd Ordinary Shares	1.37	6.85	-49.83	Consumer Cyclical
⊕ Compass Group PLC	1.32	8.17	21.13	Consumer Cyclical
⊕ Novartis AG	1.23	9.40	-1.70	Healthcare
⊕ SK Hynix Inc	1.18	10.58	_	Technology
⊕ RELX PLC	1.15	11.73	36.66	Communication Svc
○ Compagnie Financiere Richemont SA	1.14	12.87	72.64	Consumer Cyclical
⊕ Holcim Ltd	1.10	13.97	-0.23	Basic Materials
⊕ HSBC Holdings PLC	1.08	15.06	22.62	Financial Services
Samsung Electronics Co Ltd	1.08	16.14	_	Technology

#### Total Holdings 239



## Vanguard LifeStrategy Cnsrv Gr Inv VSCGX

Morningstar Category Allocation--30% to 50% Morningstar Index

Equity

Morningstar US Mod Con Tgt Alloc NR LISD

#### Portfolio Manager(s)

Management Team since 09-1994

#### **Quantitative Screens**

Performance: The fund has finished in the Allocation--30% to 50% Equity category's top three quartiles in 9 of the 10 years it's been in existence.

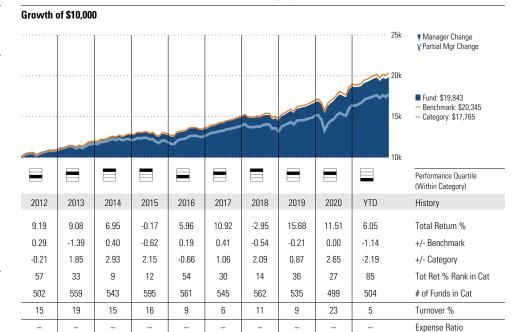
Management: The fund's management has been in place for 27.27 years.

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

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

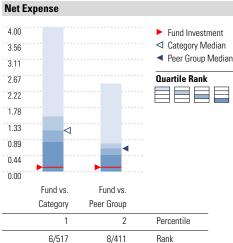
#### **ESG Metrics**

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021





3-Year Risk Metrics



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	-0.52	-	-2.54
Beta	1.01	-	1.19
R-Squared	99.20	-	92.13
Standard Deviation	7.46	7.36	9.15
Sharpe Ratio	1.33	1.40	1.10
Tracking Error	0.67	-	3.09
Information Ratio	-0.69	-	-0.30
Up Capture Ratio	97.66	-	105.92
Down Capture Ratio	100.75	_	128.67

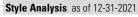
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.21	20.81	21.38
Price/Book Ratio	2.74	3.12	3.36
Avg Eff Duration	7.35	6.36	5.15



## Vanguard LifeStrategy Cnsrv Gr Inv VSCGX

Morningstar Category Allocation--30% to 50% **Morningstar Index** 

Morningstar US Mod Con Tgt Alloc NR



Morningstar Style Box™



# 100

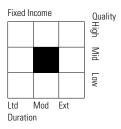
Asset Allocation as of 12-31-2021



#### Style Breakdown

Equity 19





Z	3	Z	
/alue	Blend	Growth	

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

		Fund	Bmark	Cat	Fund	i •	Bench	ımark	Cate	gory Ave	erage		
<del>,</del>	Cyclical	35.55	34.06	35.55									
	Basic Materials	4.62	4.05	3.52									
•	Consumer Cyclical	12.33	12.09	10.44									
	Financial Services	14.97	14.26	14.76									
1	Real Estate	3.63	3.66	6.83									
*	Sensitive	44.03	44.60	41.60									Ì
	Communication Services	8.35	8.41	8.56									
)	Energy	3.50	3.14	3.91		<b>[</b> ]							
ŀ	Industrials	10.61	10.36	9.33						_			
1	Technology	21.57	22.69	19.80						1			
+	Defensive	20.43	21.35	22.86									
7	Consumer Defensive	6.29	6.46	6.42				_					
	Healthcare	11.55	12.26	12.94									
1	Utilities	2.59	2.63	3.50									

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
rediffe	iviaturity bate	/0 INCL A3361	Guindiative /0	TTD HetaIII /0	Morningstar Sector
⊕ Vanguard Total Bond Market II ldx Inv	_	41.18	41.18	_	_
→ Vanguard Total Stock Mkt Idx Inv	-	24.28	65.47	_	-
⊕ Vanguard Total Intl Stock Index Inv	-	15.85	81.32	_	-
⊕ Vanguard Total Intl Bd Idx Investor	-	15.81	97.13	_	_
⊕ Vanguard Total Intl Bd II Idx Investor	-	1.74	98.87	-	-
	_	1.13	100.00	_	_
⊕ Us Dollar	_	0.00	100.00	_	_

#### Total Holdings 7



## Vanguard LifeStrategy Growth Inv VASGX

Morningstar Category Allocation--70% to 85%

Morningstar Index

Morningstar US Mod Agg Tgt Alloc NR

#### Portfolio Manager(s)

Management Team since 09-1994

#### **Quantitative Screens**

Performance: The fund has finished in the Allocation--70% to 85% 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 27.27 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 0.14 is 86.54% lower than the Allocation--70% to 85% Equity category average.

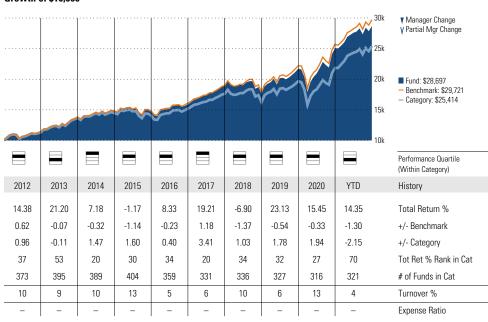
#### **Morningstar Investment Management LLC Analysis**

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
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

## Growth of \$10,000





JZ	U	JZ	. 1	234	1	200
Net Expe	ense					
5.91						
5.26					Fund Invest Category M	
4.60					Peer Group	
3.95					rtile Ranl	
3.29				=	II LIIE Naiii	
2.64				=		
1.98						
1.33	· ·					
0.67						
0.07						
	Fund vs.		Fund vs.			
	Category		er Group			
-	1		3	Pero	entile	-
	2/327		8/290	Ran	k	-

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

J-1 Cai Illak Mictilea			
	Fund	Bmark	Cat
Alpha	-1.02	_	-2.09
Beta	1.03	_	1.04
R-Squared	99.49	_	95.40
Standard Deviation	14.06	13.68	14.56
Sharpe Ratio	1.17	1.24	1.08
Tracking Error	1.06	_	3.17
Information Ratio	-0.69	_	-0.54
Up Capture Ratio	99.55	_	98.03
Down Capture Ratio	104.31	_	108.81

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.25	20.56	21.45
Price/Book Ratio	2.74	3.07	3.36
Avg Eff Duration	7.35	6.36	5.14





## Vanguard LifeStrategy Growth Inv VASGX

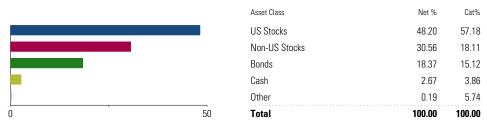
Morningstar Category Allocation--70% to 85% **Morningstar Index** Morningstar US Mod Agg Tgt Alloc NR

## Style Analysis as of 12-31-2021

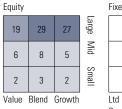


Ownership 75% of fund's current stock holdings

#### Asset Allocation as of 12-31-2021



## Style Breakdown





6	8	5	۵
2	3	2	Small
alue	Blend	Growth	



	Fund	Bmark	Cat	Fund	<ul> <li>Benchmar</li> </ul>	k 🛚 Cate	gory Av	erage
Cyclical	35.50	34.22	33.95					
Basic Materials	4.58	4.14	3.62					
Consumer Cyclical	12.33	12.09	11.33					
Financial Services	14.95	14.36	14.65		i i			
Real Estate	3.64	3.63	4.35					
Sensitive	44.05	44.53	44.10					
Communication Services	8.35	8.42	8.72		j			
Energy	3.49	3.20	3.12					
Industrials	10.59	10.33	10.65				_ :	
Technology	21.62	22.58	21.61				1	
Defensive	20.44	21.25	21.97					
Consumer Defensive	6.29	6.47	6.05		<b>=</b> [			
Healthcare	11.58	12.15	13.27					
Utilities	2.57	2.63	2.65					

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⇒ Vanguard Total Stock Mkt Idx Inv	-	48.69	48.69	_	_
⊕ Vanguard Total Intl Stock Index Inv	-	31.30	79.99	-	_
⊕ Vanguard Total Bond Market II ldx Inv	-	13.31	93.30	-	_
⊕ Vanguard Total Intl Bd ldx Investor	-	4.87	98.18	-	_
	-	1.10	99.27	-	_
⊕ Vanguard Total Intl Bd II Idx Investor	_	0.76	100.03	_	_
⊕ Us Dollar	_	0.03	100.07	_	_

Total Holdings 7



## Vanguard LifeStrategy Income Inv VASIX

Morningstar Category Allocation--15% to 30% Morningstar Index

Morningstar US Con Tgt Alloc NR USD

#### Portfolio Manager(s)

Management Team since 09-1994

#### **Quantitative Screens**

- Performance: The fund has finished in the Allocation--15% to 30% Equity 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 27.27 years.
- Net Expense: The fund's expense ratio of 0.11 is
   88.78% lower than the Allocation--15% to 30% Equity
   category average.

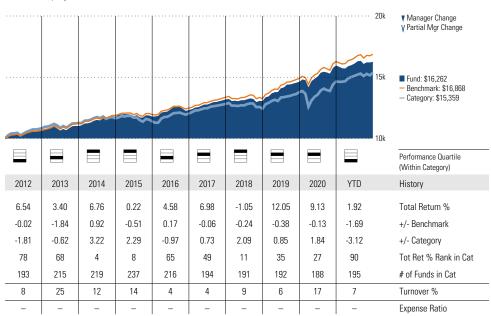
#### **Morningstar Investment Management LLC Analysis**

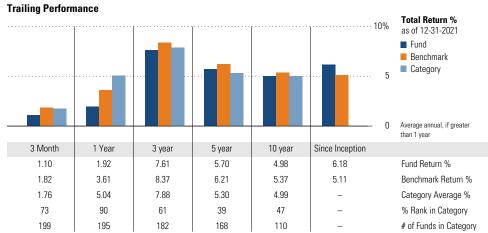
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

#### **ESG Metrics**

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021

#### Growth of \$10,000





3-Year Risk Metrics

Net Expe	ense		
3.09			► Fund Investment
2.75			Category Median
2.41			<ul> <li>Peer Group Median</li> </ul>
2.06			Quartile Rank
1.72			
1.38			
1.04	◁		
0.69			
0.35			
0.01			
	Fund vs.	Fund vs.	
C	Category	Peer Group	
	1	1	Percentile
	2/198	1/181	Rank

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

	Fund	Bmark	Cat
Alpha	-0.46	-	-2.73
Beta	0.97	-	1.31
R-Squared	96.87	-	82.48
Standard Deviation	4.63	4.70	6.90
Sharpe Ratio	1.44	1.57	1.08
Tracking Error	0.83	-	3.42
Information Ratio	-0.91	-	-0.23
Up Capture Ratio	91.39	-	110.77
Down Capture Ratio	91.87	_	149.27

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.08	21.74	19.90
Price/Book Ratio	2.70	3.31	2.91
Avg Eff Duration	7.38	6.36	3.48



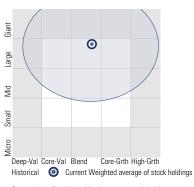
## Vanguard LifeStrategy Income Inv VASIX

Morningstar Category Allocation--15% to 30% Morningstar Index

Morningstar US Con Tgt Alloc NR USD

### Style Analysis as of 12-31-2021

Morningstar Style Box™



Fixed Income

Mod Duration

Quality

High

Mid

Low

Ownership 75% of fund's current stock holdings

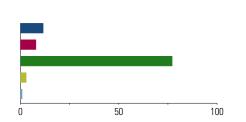
#### Style Breakdown

Equity 19





>50 25-50 10-25 0-10



Asset Allocation as of 12-31-2021



		Fund	Bmark	Cat	Fund	•	Benchr	mark	Cate	gory Ave	erage	
ŀ	Cyclical	35.66	33.40	35.51								
	Basic Materials	4.68	3.69	3.20			_					
•	Consumer Cyclical	12.32	12.07	9.60								
9	Financial Services	15.02	13.95	12.80								
à	Real Estate	3.64	3.69	9.91		i						
ψr	Sensitive	43.91	44.87	40.16								
	Communication Services	8.32	8.42	7.53			)					
•	Energy	3.53	3.01	4.71		[						
ţ	Industrials	10.65	10.43	9.35								
3	Technology	21.41	23.01	18.57						'		
+	Defensive	20.43	21.73	24.34								
	Consumer Defensive	6.34	6.44	6.21				_				
ì	Healthcare	11.49	12.67	11.98				'				
7	Utilities	2.60	2.62	6.15								

Equity

<b>Top 7 Holdings</b> as of 12-31-2021					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⇒ Vanguard Total Bond Market II ldx Inv	_	54.65	54.65	_	_
◆ Vanguard Total Intl Bd Idx Investor	-	23.24	77.89	_	_
→ Vanguard Total Stock Mkt Idx Inv	-	11.59	89.48	_	_
	-	8.00	97.48	_	_
⊕ Vanguard Total Intl Bd II Idx Investor	-	1.64	99.11	-	-
⊕ Mktliq 12/31/2049	_	0.91	100.02	_	_
⊕ Us Dollar	_	0.02	100.05	_	_

Total Holdings 7



## Vanguard LifeStrategy Moderate Gr Inv VSMGX

Growth of \$10,000

68

786

15

38

758

12

56

746

15

32

806

16

42

759

9

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

Tot Ret % Rank in Cat

# of Funds in Cat

Turnover %

Expense Ratio

Morningstar US Mod Tgt Alloc NR USD

#### Portfolio Manager(s)

Management Team since 09-1994

#### **Quantitative Screens**

Performance: The fund has finished in the Allocation--50% to 70% Equity category's top three quartiles in 9 of the 10 years it's been in existence.

Management: The fund's management has been in place for 27.27 years.

Net Expense: The fund's expense ratio of 0.13 is
 87.38% 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
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

#### ▼ Manager Change V Partial Mgr Change 25k ■ Fund: \$23,946 Benchmark: \$25,667 Category: \$23,265 Performance Quartile (Within Category) 2012 2013 2014 2015 2016 2017 2018 2019 2020 YTD History 11.76 15.04 7.07 -0.57 7.13 15.04 -4.91 19.37 13.59 10.08 Total Return % 0.29 -1.49 -0.50 -0.93 -0.47 0.76 -1.25 -0.96 -0.67 -2 29 +/- Benchmark 0.04 -1.44 0.86 1.36 -0.21 1.83 0.85 0.14 1.87 -3.81 +/- Category

39

751

12

26

735

6

36

698

21

3-Year Risk Metrics

88

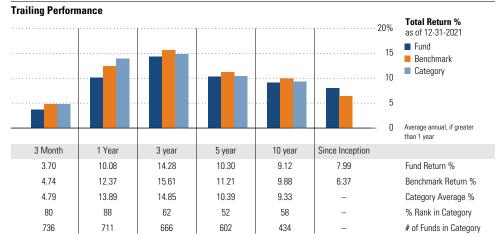
711

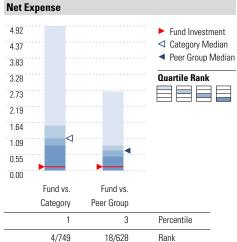
5

53

725

9





	Fund	Bmark	Cat
Alpha	-1.04	_	-1.41
Beta	0.99	_	1.06
R-Squared	99.10	_	93.55
Standard Deviation	10.70	10.74	11.83
Sharpe Ratio	1.23	1.33	1.19
Tracking Error	1.02	-	3.15
Information Ratio	-1.30	-	-0.19
Up Capture Ratio	94.78	-	101.24
Down Capture Ratio	99.68	-	110.25

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.26	21.51	22.00
Price/Book Ratio	2.75	3.35	3.43
Avg Eff Duration	7.35	6.36	5.11



## Vanguard LifeStrategy Moderate Gr Inv VSMGX

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

Equity

Morningstar US Mod Tgt Alloc NR USD

Style Analysis as of 12-31-2021

Morningstar Style Box™





Asset Allocation as of 12-31-2021



Style B Equity	reakdo	own		Fixed I	ncome		_ Quality
19	29	27	Large				High
6	8	5	Mid				Mid
2	3	2	Small				Low
Value	Blend	Growth		Ltd Duration	Mod on	Ext	_

	Fund	Bmark	Cat	Fund	t	▼ Ber	ichmarl	k [] C	ategory	Avera	ge	
Cyclical	35.48	33.38	33.97									
Basic Materials	4.57	3.66	3.33				_ :					
Consumer Cyclical	12.33	12.16	11.43									
Financial Services	14.94	13.92	15.73									
Real Estate	3.64	3.64	3.48		ď							
Sensitive	44.08	45.30	43.27									
Communication Services	8.37	8.69	9.18			■[						
Energy	3.49	3.03	3.13		Ď	1						
Industrials	10.59	9.90	10.15						_ :			
Technology	21.63	23.68	20.81						. *			
Defensive	20.42	21.32	22.76									
Consumer Defensive	6.28	6.29	6.31									
Healthcare	11.57	12.46	13.65									
Utilities	2.57	2.57	2.80									

50

<b>Top 7 Holdings</b> as of 12-31-2021					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⇒ Vanguard Total Stock Mkt Idx Inv	_	36.66	36.66	_	_
⊕ Vanguard Total Bond Market II Idx Inv	-	27.19	63.86	-	-
	-	23.46	87.32	-	-
	-	10.09	97.41	-	-
⊕ Vanguard Total Intl Bd II Idx Investor	-	1.50	98.91	-	_
⊕ Mktliq 12/31/2049	_	1.11	100.02	_	_
⊕ Us Dollar	-	0.02	100.05	_	_

Total Holdings 7

>50 25-50 10-25 0-10



## Vanguard Mid-Cap Growth Index Admiral VMGMX

Growth of \$10,000

30

680

38

68

651

5

645

17

0.09

51

675

23

0.08

40

611

21

0.07

65

600

23

0.07

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

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 8.86 years.

Net Expense: The fund's expense ratio of 0.07 is 93.46% 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
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	4	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

#### ▼ Manager Change V Partial Mgr Change 30k Fund: \$45.868 Benchmark: \$46,550 25k - Category: \$41,048 20k 15k Performance Quartile (Within Category) 2012 2013 2014 2015 2016 2017 2018 2019 2020 YTD History 15.96 32.22 13.48 -0.98 6.75 21.83 -5.60 33.86 34.48 20.48 Total Return % -3.52 -1.11 7.75 0.15 1.58 -0.78 -0.58 -3.44 -0.85 -1.61 +/- Benchmark -2.71 0.72 1.89 6.48 -0.03 -2.08 1.05 1.34 -4.78 7.43 +/- Category

46

594

25

0.07

42

598

18

0.07

44

589

22

0.07

19

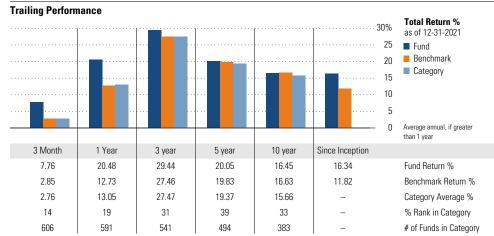
591

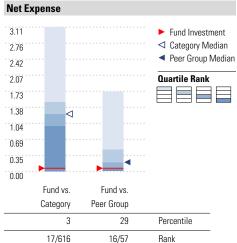
Tot Ret % Rank in Cat

# of Funds in Cat

Turnover %

Expense Ratio





3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	2.44	_	1.01
Beta	0.96	_	0.98
R-Squared	97.99	_	89.98
Standard Deviation	19.93	20.47	21.31
Sharpe Ratio	1.36	1.25	1.24
Tracking Error	2.92	_	6.75
Information Ratio	0.68	_	-0.04
Up Capture Ratio	100.49	_	100.42
Down Capture Ratio	91.48	-	99.53

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	37.45	32.37	34.20
Price/Book Ratio	6.50	9.52	6.68
Geom Avg Mkt Cap \$B	30.85	24.63	20.45
ROE	13.23	19.10	17.03



## Vanguard Mid-Cap Growth Index Admiral VMGMX

Morningstar Category

Mid-Cap Growth

Morningstar Index Russell Mid Cap Growth TR USD

#### Style Analysis as of 12-31-2021

Morningstar Style Box™



#### Style Breakdown

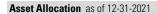
Equity

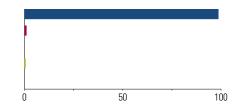
2	7	18	Large
5	24	43	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	0.35
Cash	0.49	2.70
Bonds	0.00	0.02
Non-US Stocks	0.92	3.77
US Stocks	98.59	93.15
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-3	31-2021														
		Fund	Bmark	Cat	Fund	• E	Benchn	nark	[] Ça	tegor	y Aver	age				
<b>Դ</b>	Cyclical	24.32	25.38	28.86												
æ.	Basic Materials	2.18	1.85	2.14												
A	Consumer Cyclical	10.59	15.81	14.23												
<del>L</del>	Financial Services	5.49	5.09	9.09	,											
<b>fi</b>	Real Estate	6.06	2.63	3.40												
W	Sensitive	57.44	56.04	49.05												
	Communication Services	5.27	4.37	4.11												
ð	Energy	2.41	1.58	1.09												
Ф	Industrials	14.03	15.18	13.69			<b>[</b> ]				i					
	Technology	35.73	34.91	30.16												
<b>→</b>	Defensive	18.25	18.57	22.09												
	Consumer Defensive	1.09	1.87	2.17	<b>I</b>											
٠	Healthcare	17.16	16.53	19.35												
•	Utilities	0.00	0.17	0.57	i											
					0% 5	10	15	20	25	30	35	40	45	50	55	6

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Name	% Net Asset	Cumulative %	TID hetuiii %	Morningstar Sector
	1.45	1.45	42.15	Technology
⊕ IQVIA Holdings Inc	1.39	2.85	57.47	Healthcare
⊕ Xilinx Inc	1.36	4.21	49.82	Technology
⊕ Amphenol Corp Class A	1.35	5.56	34.95	Technology
Palo Alto Networks Inc	1.35	6.91	56.66	Technology
DexCom Inc	1.35	8.25	45.23	Healthcare
⊕ Cadence Design Systems Inc	1.34	9.59	36.59	Technology
⊕ Digital Realty Trust Inc	1.30	10.89	30.11	Real Estate
⊕ Fortinet Inc	1.29	12.18	141.97	Technology
⊕ Microchip Technology Inc	1.25	13.43	27.31	Technology
⊕ Centene Corp	1.24	14.67	37.26	Healthcare
⊕ MSCI Inc	1.24	15.91	38.03	Financial Services
⊕ IHS Markit Ltd	1.23	17.15	48.86	Industrials
⊕ Aptiv PLC	1.15	18.30	26.60	Consumer Cyclical
Datadog Inc Class A	1.13	19.43	80.93	Technology

#### **Total Holdings** 185



## 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

#### **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 15.38 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
92.93% lower than the Mid-Cap Value category average.

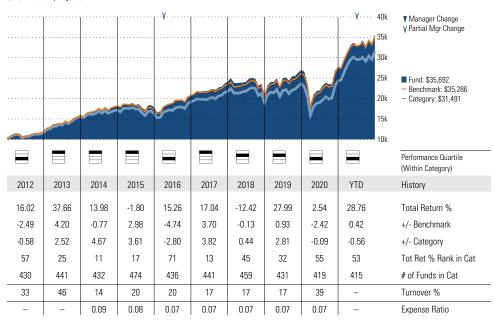
#### **Morningstar Investment Management LLC Analysis**

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.

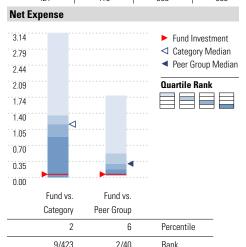
#### **ESG Metrics**

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	4	11-30-2021
Carbon Risk Score	Medium Risk	09-30-2021

#### 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	-0.11	_	-1.18
Beta	0.98	_	1.03
R-Squared	99.17	_	96.42
Standard Deviation	21.92	22.27	23.42
Sharpe Ratio	0.88	0.89	0.83
Tracking Error	2.04	-	4.94
Information Ratio	-0.25	_	-0.21
Up Capture Ratio	98.40	_	101.57
Down Capture Ratio	99.20	_	106.78

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.03	17.74	16.76
Price/Book Ratio	2.44	2.45	2.10
Geom Avg Mkt Cap \$B	23.93	18.96	13.99
ROE	18.59	15.83	17.02



## Vanguard Mid-Cap Value Index Admiral VMVAX

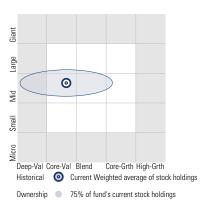
## Morningstar Category Mid-Cap Value

Morningstar Index

Russell Mid Cap Value TR USD

#### Style Analysis as of 12-31-2021

Morningstar Style Box™



#### Style Breakdown

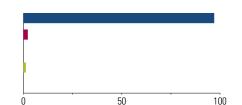
Equity

1	6	0	Large
42	47	5	Mid
0	0	0	Small

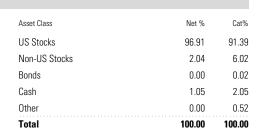
Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 12-31-2021



		Fund	Bmark	Cat	Fund • Benchmark [] Category Average
b	Cyclical	47.19	45.46	43.86	
ė.	Basic Materials	5.77	5.51	5.12	
-	Consumer Cyclical	11.25	11.59	11.83	
<b>_</b>	Financial Services	17.05	16.12	20.27	
b	Real Estate	13.12	12.24	6.64	
NF	Sensitive	29.11	34.56	33.12	
	Communication Services	3.54	3.50	3.21	
•	Energy	5.38	5.16	5.00	
þ	Industrials	10.57	14.40	15.76	
2	Technology	9.62	11.50	9.15	
+	Defensive	23.69	19.96	23.01	
Ę	Consumer Defensive	5.90	4.88	6.80	
ì	Healthcare	6.98	7.95	9.76	<b>—— 1</b>
2	Utilities	10.81	7.13	6.45	

#### Top 15 Holdings as of 12-31-2021 Name % Net Asset Cumulative % YTD Return % Morningstar Sector Carrier Global Corp Ordinary Shares 1.29 1.29 45.15 Industrials Motorola Solutions Inc 1.26 2.55 61.48 Technology 1.05 3.60 41.28 Basic Materials Keysight Technologies Inc 1.03 4.63 56.34 Technology Welltower Inc 1.02 5.66 36.51 Real Estate ① D.R. Horton Inc 1.01 6.67 58.55 Consumer Cyclical AvalonBay Communities Inc 0.97 7.63 61.41 Real Estate → Arthur J. Gallagher & Co 0.97 8.60 38.70 Financial Services ① Alexandria Real Estate Equities Inc 0.95 9.55 27.62 Real Estate Corteva Inc 0.95 10.50 23.50 Basic Materials CBRE Group Inc Class A 0.95 11.44 73.01 Real Estate American Water Works Co Inc 0.94 12.38 24.60 Utilities Discover Financial Services 0.93 13.31 29.72 Financial Services Ameriprise Financial Inc 0.93 14.24 57.51 Financial Services Nucor Corp 0.90 15.13 117.83 Basic Materials

**Total Holdings 207** 



## 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 17.01 years.
- × Style: The fund has landed in its primary style box Small Growth 22.86 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.07 is 94.17% lower than the Small Growth category average.

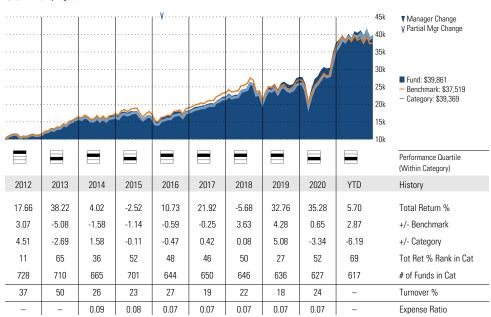
#### **Morningstar Investment Management LLC Analysis**

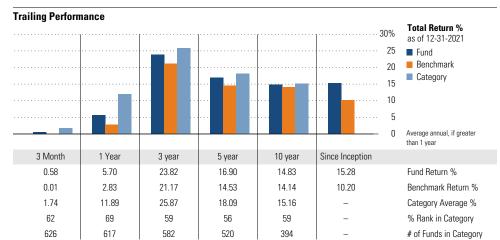
This fund fails our style screen but its portfolio positioning remains consistent with the benchmark index it tracks.

#### **ESG Metrics**

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	4	11-30-2021

## Growth of \$10,000





		'	
Net Expe	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			
	Fund vs.	Fund vs.	
C	Category	Peer Group	
	2	21	Percentile
	8/630	7/35	Rank

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	3.36	_	4.94
Beta	0.94	_	0.94
R-Squared	96.18	_	89.52
Standard Deviation	22.36	23.40	23.24
Sharpe Ratio	1.03	0.90	1.07
Tracking Error	4.61	_	7.72
Information Ratio	0.58	_	0.57
Up Capture Ratio	98.26	_	101.88
Down Capture Ratio	87.08	_	87.49

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	30.96	22.94	32.03
Price/Book Ratio	4.89	4.80	5.03
Geom Avg Mkt Cap \$B	6.32	3.20	6.12
ROE	9.05	8.90	7.44



## Vanguard Small Cap Growth Index Admiral VSGAX

Morningstar Category

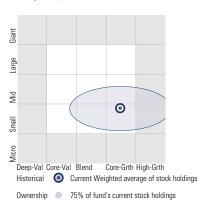
Small Growth

Morningstar Index

Russell 2000 Growth TR USD

#### Style Analysis as of 12-31-2021

Morningstar Style Box™



#### Style Breakdown

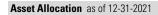
Equity

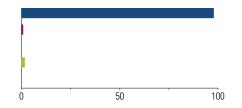
0	0	0	Large
2	13	24	Mid
4	28	28	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10







		Fund	Bmark	Cat	Fund	▼ Ben	chmark	[] C	ategor	y Avera	ge	
b	Cyclical	28.18	25.45	25.72								
ė.	Basic Materials	1.79	3.28	2.47								
<b></b>	Consumer Cyclical	13.02	13.24	12.22			)					
ê	Financial Services	5.07	5.64	8.42								
b	Real Estate	8.30	3.29	2.61								
NF	Sensitive	47.06	44.66	46.26								
	Communication Services	3.15	3.32	2.51								
•	Energy	2.08	2.19	1.47			:					
Þ	Industrials	14.68	15.68	16.15								
2	Technology	27.15	23.47	26.13						ı į		
+	Defensive	24.76	29.90	28.02								
7	Consumer Defensive	3.29	3.97	3.83								
ř	Healthcare	21.04	25.44	23.54								
2	Utilities	0.43	0.49	0.65	Ú							

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	1.34	1.34	_	_
⊕ Bio-Techne Corp	0.85	2.19	63.32	Healthcare
⊕ Entegris Inc	0.79	2.97	44.54	Technology
Trex Co Inc     Trex	0.65	3.63	61.29	Industrials
⊕ Coterra Energy Inc Ordinary Shares	0.65	4.27	23.59	Energy
	0.61	4.88	9.09	Healthcare
	0.61	5.49	40.64	Real Estate
⊕ Ceridian HCM Holding Inc	0.60	6.09	-1.97	Technology
⊕ Repligen Corp	0.58	6.67	38.20	Healthcare
Graco Inc	0.57	7.25	12.47	Industrials
○ Nordson Corp	0.56	7.81	27.93	Industrials
	0.55	8.35	40.02	Consumer Cyclical
	0.55	8.90	5.54	Technology
⊕ PTC Inc	0.54	9.44	1.29	Technology
	0.52	9.96	73.64	Real Estate

#### Total Holdings 764



## 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 5.68 years.
- Style: The fund has landed in its primary style box Small Value — 80 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.07 is 94.02% lower than the Small Value category average.

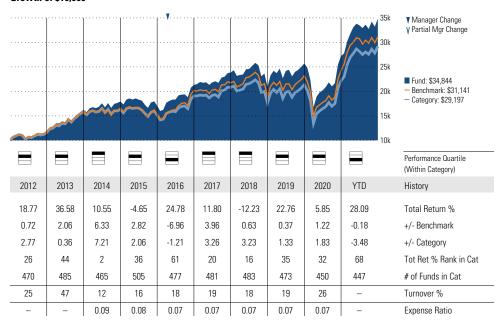
#### **Morningstar Investment Management LLC Analysis**

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.

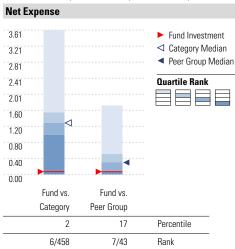
#### **ESG Metrics**

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	4	11-30-2021

#### Growth of \$10,000







3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	1.06	_	0.44
Beta	0.96	_	1.01
R-Squared	97.78	_	95.25
Standard Deviation	24.66	25.35	26.37
Sharpe Ratio	0.78	0.75	0.75
Tracking Error	3.80	_	6.12
Information Ratio	0.14	_	0.09
Up Capture Ratio	97.09	_	102.29
Down Capture Ratio	93.77	-	101.99

Portfolio Metrics								
	Fund	Bmark	Cat					
Price/Earnings Ratio	13.79	13.35	14.51					
Price/Book Ratio	2.00	1.62	1.80					
Geom Avg Mkt Cap \$B	5.77	2.32	4.32					
ROE	16.29	7.58	16.24					



## Vanguard Small Cap Value Index Admiral VSIAX

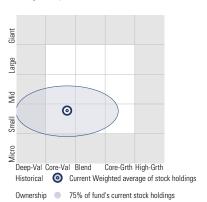
## Morningstar Category Small Value

#### Morningstar Index

Russell 2000 Value TR USD

#### Style Analysis as of 12-31-2021

Morningstar Style Box™



## Style Breakdown

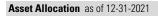
Equity

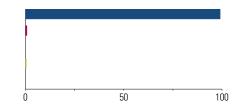
1. /			
0	0	0	Large
13	20	3	Mid
34	25	4	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	0.09
Cash	0.31	1.51
Bonds	0.00	-0.03
Non-US Stocks	0.68	2.88
US Stocks	99.00	95.55
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-3	31-2021			
		Fund	Bmark	Cat	Fund Benchmark Category Average
<sub>Մ</sub>	Cyclical	51.47	50.44	51.78	
A.	Basic Materials	6.25	4.05	6.42	
A	Consumer Cyclical	12.75	8.33	13.68	
<del>,</del>	Financial Services	20.76	23.86	24.19	
<b>fi</b>	Real Estate	11.71	14.20	7.49	
W	Sensitive	34.56	30.32	35.55	
	Communication Services	1.98	3.72	2.07	
ð	Energy	5.24	6.25	5.54	
Ф	Industrials	18.83	14.09	19.13	
	Technology	8.51	6.26	8.81	
<b>→</b>	Defensive	13.98	19.24	12.69	
-	Consumer Defensive	4.22	3.80	4.03	
٠	Healthcare	5.59	10.43	5.71	
•	Utilities	4.17	5.01	2.95	
					0% 5 10 15 20 25 30 35 40 45 50

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Signature Bank	0.61	0.61	140.75	Financial Services
⊕ Diamondback Energy Inc	0.61	1.22	126.45	Energy
⊕ VICI Properties Inc Ordinary Shares	0.59	1.81	23.49	Real Estate
Molina Healthcare Inc	0.58	2.39	49.56	Healthcare
⊕ IDEX Corp	0.56	2.96	19.70	Industrials
Nuance Communications Inc	0.55	3.51	25.47	Technology
⊕ Brown & Brown Inc	0.53	4.04	49.04	Financial Services
→ Builders FirstSource Inc	0.51	4.55	110.02	Industrials
	0.51	5.06	59.46	Industrials
⊕ Kimco Realty Corp	0.47	5.53	68.75	Real Estate
⊕ The Mosaic Co	0.45	5.99	71.95	Basic Materials
Medical Properties Trust Inc	0.44	6.43	13.58	Real Estate
⊕ Atmos Energy Corp	0.43	6.86	12.46	Utilities
⊕ Jones Lang LaSalle Inc	0.42	7.29	81.53	Real Estate
⊕ RPM International Inc	0.41	7.70	12.95	Basic Materials

Total Holdings 1003



## Western Asset Core Bond IS WACSX

#### Morningstar Category Intermediate Core Bond

## Morningstar Index

#### BBgBarc US Agg Bond TR USD

#### Portfolio Manager(s)

Mark Lindbloom since 12-2006 S. Leech since 08-2013 Julien Scholnick since 05-2016 Frederick Marki since 05-2018 John Bellows since 05-2018

#### **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 15.02 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.43 is 27.12% lower than the Intermediate Core Bond category average.

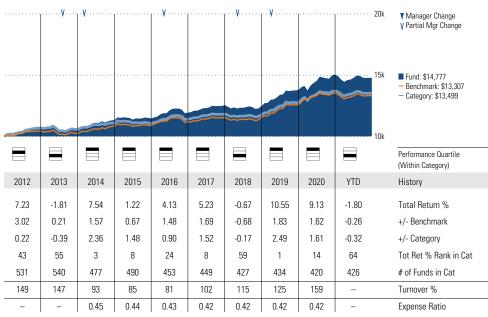
#### **Morningstar Investment Management LLC Analysis**

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.

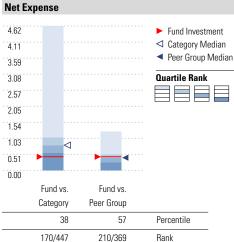
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2021

#### 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 KISK Wietrics			
	Fund	Bmark	Cat
Alpha	0.57	_	0.04
Beta	1.09	_	1.01
R-Squared	78.11	_	84.77
Standard Deviation	4.20	3.40	3.75
Sharpe Ratio	1.19	1.18	1.09
Tracking Error	1.99	_	1.45
Information Ratio	0.51	_	-0.09
Up Capture Ratio	120.88	_	104.26
Down Capture Ratio	120.75	_	109.91

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.83	4.43	6.27
Avg Eff Maturity	12.65	_	7.77



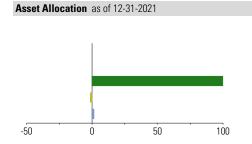
Duration

## Western Asset Core Bond IS WACSX

Morningstar Category Intermediate Core Bond Morningstar Index

BBgBarc US Agg Bond TR USD

Style Analysis	as of 12-31-2021
Style Breakdown	
Fixed Income	Quality
	High
	Mid
	Low
Itd Mod Ext	



Total	100.00	100.00
Other	1.49	2.20
Cash	-1.34	1.97
Bonds	99.85	95.78
Non-US Stocks	0.00	0.00
US Stocks	0.00	0.05
Asset Class	Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	59.29	3.53	46.66
AA	7.12	74.59	11.82
A	13.02	10.82	22.68
BBB	15.64	8.32	15.84
BB	1.10	0.28	1.55
В	0.03	0.00	0.51
Below B	0.00	0.00	0.23
Not Rated	3.80	2.46	0.72

Sector Weighting as of 12-	31-2021										
	Fund	Bmark	Cat	Fund	▼ Be	nchmark	Categ	gory Average			
Government	34.91	-	30.55								
Treasury	33.86	-	24.84								
Inflation - Protected	0.00	_	1.50								
Agency/Quasi Agency	1.04	_	1.23								
Other Government Related	0.01	_	2.98								
Corporate	32.62	_	26.86								
Corporate Bond	31.18	_	25.66								
Bank Loan	0.00	_	0.06								
Convertible	1.44	_	1.11	<b>=</b> 0							
Preferred	0.00	_	0.03								
Securitized	30.50	-	32.19								
Agency MBS Pass-Through	15.94	_	21.27								
Agency MBS ARM	0.39	_	0.05	0							
Agency MBS CMO	1.76	-	3.75								
Non-Agency Residential MBS	1.31	-	0.24								
Commercial MBS	3.26	-	1.28								
Asset-Backed	7.84	_	5.60								
Covered Bond	0.00	-	0.00								
Municipal	0.02	-	0.84	į [							
Cash & Equivalents	1.49	-	7.18								
Other	0.44	_	2.41								
				0%	5	10	15	20	25	30	3

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Bonds 1.875%	_	4.88	4.88	_
United States Treasury Notes 1.25%	06-2028	3.48	8.36	_
iShares iBoxx \$ Invmt Grade Corp Bd ETF	_	2.86	11.23	_
United States Treasury Bonds 1.375%	_	2.17	13.40	_
→ Trade Date Cash	_	2.15	15.55	_
United States Treasury Notes 1.25%	04-2028	1.66	17.21	_
─ United States Treasury Notes 1.25%	_	1.21	18.42	_
⊕ United States Treasury Bonds 2.375%	_	1.12	19.54	_
United States Treasury Bonds 1.625%	_	0.96	20.50	_
United States Treasury Notes 0.25%	05-2025	0.90	21.41	_

Total Holdings 2512

