## American Funds Intl Gr and Inc R6 RIGGX

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

### Portfolio Manager(s)

Andrew Suzman since 10-2008 Steven Watson since 10-2008 Patrice Collette since 09-2010 Leo Hee since 07-2015 Paul Flynn since 09-2017 Michael Cohen since 07-2018 Lisa Thompson since 09-2018

#### **Quantitative Screens**

Performance: The fund has finished in the Foreign 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 14.5 years.

Net Expense: The fund's expense ratio of 0.54 is 39.33% lower than the Foreign Large Blend category average.

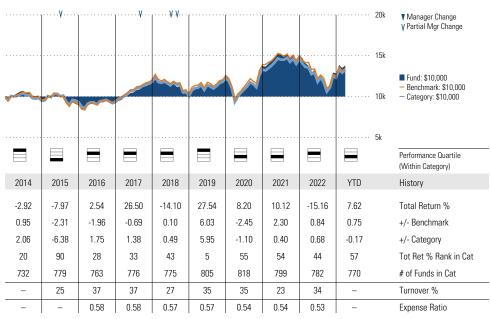
#### **Morningstar Investment Management LLC Analysis**

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

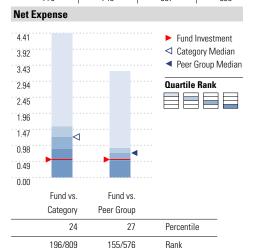
#### **ESG Metrics**

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

### Growth of \$10,000







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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.08	_	0.60
Beta	1.05	_	1.03
R-Squared	95.93	_	93.21
Standard Deviation	18.69	17.35	18.58
Sharpe Ratio	0.71	0.66	0.68
Tracking Error	3.89	_	4.87
Information Ratio	0.45	_	0.22
Up Capture Ratio	107.83	_	106.57
Down Capture Ratio	103.71	_	105.88

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	13.72	12.70	13.48
Price/Book Ratio	1.80	1.66	1.77
Geom Avg Mkt Cap \$B	50.53	41.43	52.17
ROE	20.22	17.72	19.32

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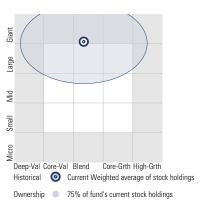
## American Funds Intl Gr and Inc R6 RIGGX

## Morningstar Category Foreign Large Blend

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

Style Analysis as of 03-31-2023

Morningstar Style Box™



## Style Breakdown

Equity

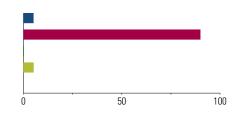
1. /			
29	31	25	Large
3	5	5	Mid
1	1	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	1.23
Cash	5.03	1.03
Bonds	0.09	0.28
Non-US Stocks	89.89	94.40
US Stocks	4.99	3.05
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	1	Bench	mark	Cateo	jory Ave	rage			
<mark>Դ</mark>	Cyclical	35.99	42.87	39.54										
A	Basic Materials	6.37	8.26	7.59			0							
Д	Consumer Cyclical	11.01	11.04	11.00					:					
<del>,</del>	Financial Services	17.27	21.23	19.01					ı [					
<b>fi</b>	Real Estate	1.34	2.34	1.94										
W	Sensitive	37.70	36.20	36.01										
	Communication Services	6.33	6.07	4.76										
ð	Energy	6.81	5.92	5.38				_						
Ф	Industrials	13.17	12.74	15.53										
	Technology	11.39	11.47	10.34										
<b>→</b>	Defensive	26.34	20.93	24.45										
Ħ	Consumer Defensive	12.46	8.48	9.74										
٠	Healthcare	10.62	9.48	11.95			<u> </u>							
•	Utilities	3.26	2.97	2.76		j								
					0%	5	10	15	20	25	30	35	40	

## World Regions % Equity 03-31-2023



Greater Asia	Fund % 28.93	Cat % 35.05
Japan	7.56	17.81
Australasia	0.51	5.25
Asia-4 Tigers	11.69	6.73
Asia-ex 4 Tigers	9.17	5.26
Not Classified	0.00	0.00

Americas	Fund % 13.91	Cat % 8.50	Greater Europe	Fund % 57.16	Cat % 56.45	Market Maturity	Fund %
North America	9.73	7.32	United Kingdom	13.15	13.67	Developed Markets	85.94
Central/Latin	4.18	1.18	W euro-ex UK	42.63	41.68	Emerging Markets	14.06
			Emrgng Europe Africa	0.36 1.02	0.08 1.02	Not Available	0.00

<b>Top 10 Holdings</b> as of 03-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash M	4.91	4.91	-	_
	3.12	8.02	1.58	Healthcare
☐ Taiwan Semiconductor Manufacturing Co Ltd	2.57	10.59	19.45	Technology
⊕ Novo Nordisk A/S Class B	2.50	13.09	16.63	Healthcare
ASML Holding NV	2.29	15.37	24.37	Technology
⊕ Philip Morris International Inc	2.24	17.61	-2.66	Consumer Defensive
Airbus SE	2.10	19.71	11.04	Industrials
⊕ TotalEnergies SE	1.69	21.41	-4.96	Energy
⊖ British American Tobacco PLC	1.61	23.01	-11.68	Consumer Defensive
○ LVMH Moet Hennessy Louis Vuitton SE	1.58	24.60	24.19	Consumer Cyclical

## Total Holdings 258

⊕ Increase ⊕ Decrease 
★ New to Portfolio



## American Funds New Perspective R6 RNPGX

Morningstar Category Global Large-Stock Growth Morningstar Index MSCI ACWI NR USD

### Portfolio Manager(s)

Robert Lovelace since 12-2000
Jonathan Knowles since 12-2004
Joanna Jonsson since 12-2005
Steven Watson since 12-2005
Brady Enright since 12-2005
Noriko Chen since 04-2012
Andraz Razen since 07-2015
Barbara Burtin since 12-2018
Patrice Collette since 12-2018

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 22.34 years.

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

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

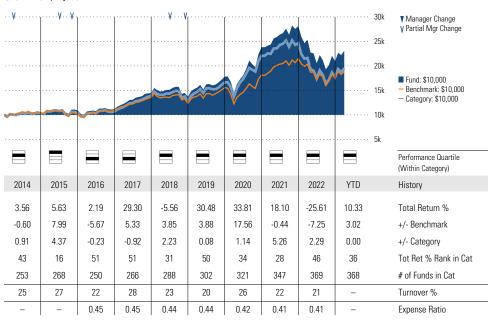
#### **Morningstar Investment Management LLC Analysis**

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

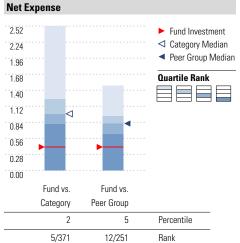
### **ESG Metrics**

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

### Growth of \$10,000



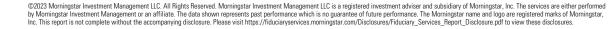




Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

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

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.68	16.19	22.90
Price/Book Ratio	3.47	2.46	4.05
Geom Avg Mkt Cap \$B	103.47	91.37	113.34
ROE	24.86	24.43	24.64



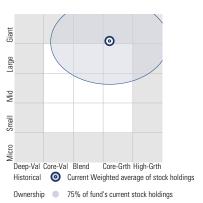


# American Funds New Perspective R6 RNPGX

#### **Morningstar Category Morningstar Index** Global Large-Stock Growth MSCI ACWI NR USD

## Style Analysis as of 03-31-2023

Morningstar Style Box™



## Style Breakdown

Equity

10	34	41	Large
3	5	7	Mid
0	0	0	Small

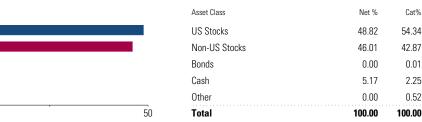
Value Blend Growth

Weight %

>50 25-50 10-25 0-10

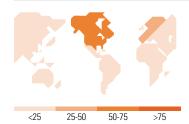


Asset Allocation as of 03-31-2023



		Fund	Bmark	Cat	Fund	ļ ,	Bench	mark	Cate	gory Ave	erage	_	
<b>և</b> (	Cyclical	30.70	34.80	31.07									
<u>.</u>	Basic Materials	5.62	4.81	3.26									
<b>(</b>	Consumer Cyclical	13.23	10.69	11.80		*	<u> </u>						
<b>₽</b> F	Financial Services	11.15	16.64	14.95									
t F	Real Estate	0.70	2.66	1.06	<b>[</b> ]								
M :	Sensitive	42.96	42.50	44.10									
1 (	Communication Services	6.83	7.07	6.08									
ð E	Energy	4.47	5.26	2.39		= [	_						
ф.	Industrials	11.21	10.30	11.93		-							
3	Technology	20.45	19.87	23.70					<u> </u>	_0			
→ I	Defensive	26.34	22.69	24.82			_						
<b>]</b> (	Consumer Defensive	6.49	7.52	5.81			'	_					
F I	Healthcare	18.70	12.36	17.81				<b>'</b>					
<b>?</b> (	Utilities	1.15	2.81	1.20									

## World Regions % Equity 03-31-2023



Greater Asia	Fund % 12.04	Cat % 13.90	Americas
Japan	3.16	4.35	North Am
Australasia	0.24	0.35	Central/La
Asia-4 Tigers	6.19	4.16	
Asia-ex 4 Tigers	2.45	5.04	
Not Classified	0.00	0.00	

Americas	Fund % 56.33	Cat % 59.19	Greater Europe	Fund % 31.63	Cat % 26.91	Market Maturity	Fund %
North America	54.57	57.80	United Kingdom	5.49	5.36	Developed Markets	95.48
Central/Latin	1.76	1.39	W euro-ex UK	25.51	21.27	Emerging Markets	4.52
			Emrgng Europe Africa	0.00 0.63	0.02 0.26	Not Available	0.00

<b>Top 10 Holdings</b> as of 03-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
○ Capital Group Central Cash Fund	4.95	4.95	-	_
	4.24	9.19	20.50	Technology
Novo Nordisk A/S Class B	2.54	11.73	16.63	Healthcare
	2.36	14.08	19.45	Technology
⊖ Tesla Inc	2.08	16.16	68.42	Consumer Cyclical
	1.92	18.08	76.12	Communication Svc
⊕ Broadcom Inc	1.55	19.63	15.56	Technology
ASML Holding NV	1.47	21.10	24.37	Technology
⇒ AstraZeneca PLC	1.39	22.49	1.58	Healthcare
LVMH Moet Hennessy Louis Vuitton SE	1.37	23.86	24.19	Consumer Cyclical

## Total Holdings 301

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

## American Funds New World R6 RNWGX

## Morningstar Category Diversified Emerging Mkts MSCI EM NR USD

### Portfolio Manager(s)

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

#### **Quantitative Screens**

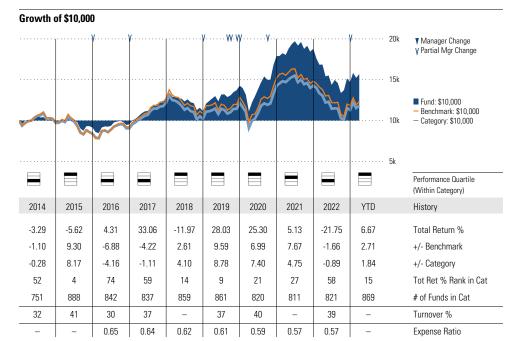
- Performance: The fund has finished in the Diversified Emerging Mkts category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 23.8 years.
- Style: The fund has landed in its primary style box —
   Large Growth 100 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.57 is
   50.43% lower than the Diversified Emerging Mkts category
   average.

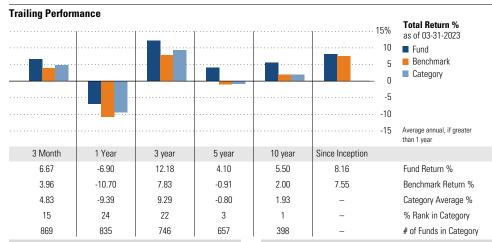
#### **Morningstar Investment Management LLC Analysis**

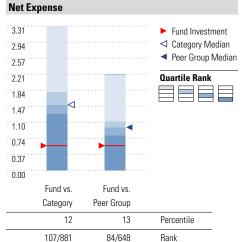
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

#### **ESG Metrics**

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







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	5.19	_	1.04
Beta	0.86	_	0.97
R-Squared	78.72	_	87.48
Standard Deviation	18.28	18.85	19.69
Sharpe Ratio	0.66	0.43	0.46
Tracking Error	8.83	_	6.78
Information Ratio	0.49	_	0.08
Up Capture Ratio	101.73	_	102.40
Down Capture Ratio	83.50	_	100.07

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.47	10.77	12.24
Price/Book Ratio	2.91	1.57	1.86
Geom Avg Mkt Cap \$B	55.87	34.04	43.04
ROE	22.78	17.99	18.95



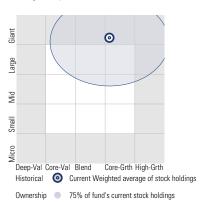


## American Funds New World R6 RNWGX

# Morningstar CategoryMorningstar IndexDiversified Emerging MktsMSCI EM NR USD

## Style Analysis as of 03-31-2023

Morningstar Style Box™



## Style Breakdown

Equity

12	33	39	Luigo
2	6	5	IVIIG
0	0	1	OII GII

Value Blend Growth

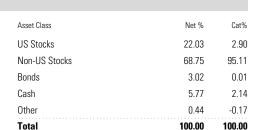
Weight %

>50 25-50 10-25 0-10



50

Asset Allocation as of 03-31-2023



Sec	ctor Weighting as of 03-3	31-2023			
		Fund	Bmark	Cat	Fund Benchmark Category Average
<b>Դ</b>	Cyclical	40.26	45.21	44.77	
A.	Basic Materials	9.64	8.83	6.76	
4	Consumer Cyclical	13.59	12.84	14.23	
<u></u>	Financial Services	15.39	21.62	22.07	
ŧ	Real Estate	1.64	1.92	1.71	
M	Sensitive	37.23	41.87	40.71	
	Communication Services	5.61	10.70	8.74	
•	Energy	3.92	4.75	4.81	
<b>‡</b>	Industrials	11.76	6.11	6.28	
	Technology	15.94	20.31	20.88	
<b>→</b>	Defensive	22.52	12.92	14.52	
÷	Consumer Defensive	7.07	6.27	7.90	
٠	Healthcare	13.74	4.12	4.88	
•	Utilities	1.71	2.53	1.74	
					0% 5 10 15 20 25 30 35 40 45 1

100

## World Regions % Equity 03-31-2023



	runa %	cat %
Greater Asia	37.82	75.32
Japan	2.75	0.09
Australasia	0.69	0.03
Asia-4 Tigers	7.62	25.78
Asia-ex 4 Tigers	26.76	49.42
Not Classified	0.00	0.00

Americas	Fund % 35.40	Cat % 14.25	Greater Europe	Fund % 26.77	Cat % 10.42	Market Maturity	Fund %
North America	26.03	2.76	United Kingdom	3.01	0.72	Developed Markets	61.75
Central/Latin	9.37	11.49	W euro-ex UK	21.27	1.96	Emerging Markets	38.25
			Emrgng Europe	0.51	1.43	Not Available	0.00
			Africa	1.98	6.31		

<b>Top 10 Holdings</b> as of 03-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	5.77	5.77	-	_
	2.67	8.44	20.50	Technology
⊕ Novo Nordisk A/S Class B	2.29	10.74	16.63	Healthcare
Taiwan Semiconductor Manufacturing Co Ltd	2.02	12.75	19.45	Technology
LVMH Moet Hennessy Louis Vuitton SE	1.68	14.44	24.19	Consumer Cyclical
	1.57	16.01	-5.17	Financial Services
Airbus SE	1.49	17.50	11.04	Industrials
	1.33	18.83	55.75	Consumer Cyclical
	1.24	20.07	-4.78	Financial Services
⊕ Sea Ltd ADR	1.17	21.24	66.35	Consumer Cyclical

## Total Holdings 592

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



## **American Funds Washington Mutual R6** RWMGX

Morningstar Category

Large Blend

Morningstar Index S&P 500 TR USD

### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

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

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

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

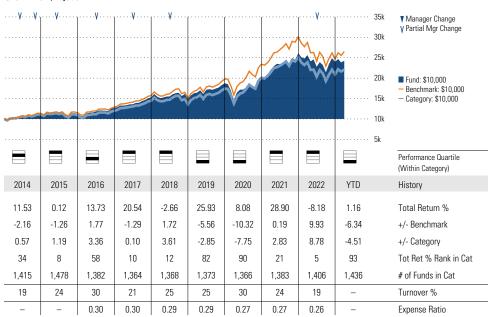
#### **Morningstar Investment Management LLC Analysis**

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

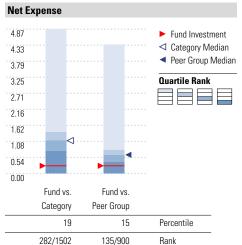
### **ESG Metrics**

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

### Growth of \$10,000







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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	2.31	_	-0.27
Beta	0.83	_	0.94
R-Squared	90.91	_	94.87
Standard Deviation	16.80	19.23	18.62
Sharpe Ratio	1.01	0.92	0.88
Tracking Error	6.00	_	3.97
Information Ratio	-0.08	_	-1.04
Up Capture Ratio	87.76	_	93.75
Down Capture Ratio	80.42	_	94.82

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





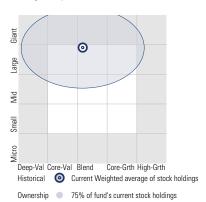
# American Funds Washington Mutual R6 RWMGX

# Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

## Style Analysis as of 03-31-2023

Morningstar Style Box™



## Style Breakdown

Equity

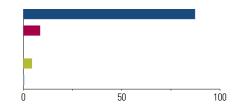
26	40	20	Large
5	7	2	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

## Asset Allocation as of 03-31-2023



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

		Fund	Bmark	Cat	Fund	ł	▼ Ben	chmark	( ] C	ategory	Avera	ge	
<u></u>	Cyclical	26.87	29.73	29.12							0		
A	Basic Materials	2.84	2.51	2.90									
A	Consumer Cyclical	7.29	10.46	9.75			0						
ı,	Financial Services	14.67	13.98	14.15									
ŵ	Real Estate	2.07	2.78	2.32									
W	Sensitive	42.17	45.90	45.39									[]
d	Communication Services	5.32	7.67	7.07			<b>"</b>						
ð	Energy	5.28	4.80	4.31									
Ф	Industrials	11.69	8.71	10.48									
	Technology	19.88	24.72	23.53									
<b>-</b>	Defensive	30.98	24.37	25.49									
Ħ	Consumer Defensive	8.86	7.13	7.41									
+	Healthcare	19.24	14.42	15.41									
•	Utilities	2.88	2.82	2.67									

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

**Total Holdings** 193

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



## **Baird Aggregate Bond Inst** BAGIX

#### Morningstar Category Intermediate Core Bond

Morningstar Index

Bloomberg US Agg Bond TR USD

### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

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

Style Consistency is not calculated for Fixed Income funds.

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

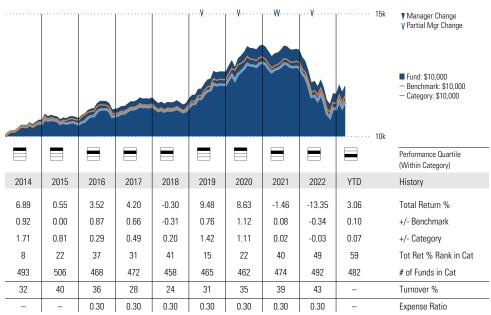
#### **Morningstar Investment Management LLC Analysis**

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

#### **ESG Metrics**

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

## Growth of \$10,000



## **Trailing Performance**



Net Expe	ense		
4.62			► Fund Investment
4.11			Category Median
3.59			<ul> <li>Peer Group Median</li> </ul>
3.08			Quartile Rank
2.57			
2.05			
1.54			
1.03	□ □		
0.51		~~~	
0.00			
	Fund vs.	Fund vs.	
(	Category	Peer Group	
	25	34	Percentile
	127/518	141/416	Rank

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

3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	0.92	_	0.59
Beta	1.03	_	0.99
R-Squared	98.67	-	95.95
Standard Deviation	6.54	6.29	6.37
Sharpe Ratio	-0.45	-0.60	-0.50
Tracking Error	0.78	-	1.18
Information Ratio	1.01	-	0.32
Up Capture Ratio	111.68	-	104.43
Down Capture Ratio	99.95	_	96.96

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.33	4.43	6.00
Avg Eff Maturity	8.35	_	8.46



# **Baird Aggregate Bond Inst** BAGIX

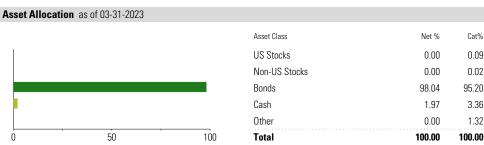
Style Analysis as of 03-31-2023
Style Breakdown
Fixed Income

Quality

Aid

Ltd Mod Ext
Duration

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



**Morningstar Category** 

Intermediate Core Bond

**Morningstar Index** 

Bloomberg US Agg Bond TR USD

Government	22.82	_	32.13	Fund		Benchma			Average	- [	1	
Treasury	22.80	_	25.85		- :	- :	:	:				
Inflation – Protected	0.00	_	1.50				- :	- :	- "			
Agency/Quasi Agency	0.02	_	1.06	i								
Other Government Related	0.00	_	3.72	i								
Corporate	38.17	_	24.91									
Corporate Bond	38.17	_	24.86				:	:		:		
Bank Loan	0.00	_	0.03									
Convertible	0.00	_	0.01	Ò								
Preferred	0.00	_	0.01									
Securitized	36.14	-	36.79									
Agency MBS Pass-Through	21.82	_	27.88									
Agency MBS ARM	0.00	_	0.31	[]								
Agency MBS CMO	3.02	_	1.52									
Non-Agency Residential MBS	0.79	_	0.23	0								
Commercial MBS	4.89	_	0.56									
Asset-Backed	5.62	_	6.29									
Covered Bond	0.00	_	0.00									
Municipal	0.95	_	0.88									
Cash & Equivalents	1.93	_	4.48									
Other	0.00	_	0.80	iΠ								

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

Total Holdings 1654

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



## BlackRock LifePath® Index 2025 K LIBKX

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

#### Portfolio Manager(s)

Greg Savage since 04-2018 Christopher Chung since 06-2020 Lisa O'Connor since 06-2020 Paul Whitehead since 02-2023

### **Quantitative Screens**

- Performance: The fund has finished in the Target-Date 2025 category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 4.92 years.
- ✓ Net Expense: The fund's expense ratio of 0.09 is
  86.36% lower than the Target-Date 2025 category average.

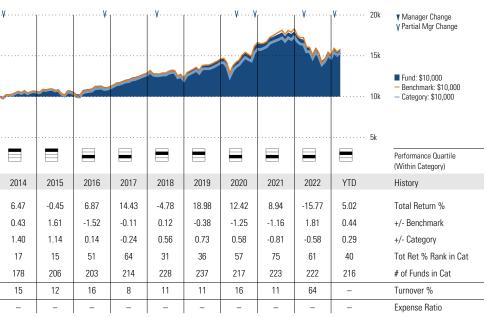
### **Morningstar Investment Management LLC Analysis**

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

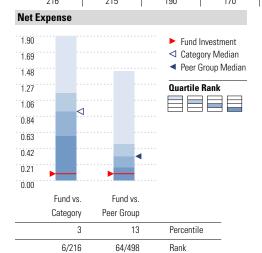
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Low Risk	09-30-2022
ESG Commitment	1-Low	04-07-2022

## Growth of \$10,000



#### **Trailing Performance Total Return %** as of 03-31-2023 Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 yea 5 year 5.02 -6.43 6.88 4.38 5.57 5.69 Fund Return % 4.58 -8.37 6.97 4.31 5.65 6.27 Benchmark Return % 7.64 5 64 473 -6 N8 4 33 Category Average % 40 67 82 58 60 % Rank in Category 216 215 190 170 103 # of Funds in Category



Peer group is a subset of the category and includes funds with the
same management style (active vs. passive) and similar share class $% \left( 1\right) =\left( 1\right) \left( 1\right) $
characteristics

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.55	_	1.28
Beta	0.90	_	0.89
R-Squared	98.74	_	97.60
Standard Deviation	11.68	12.95	11.66
Sharpe Ratio	0.53	0.49	0.58
Tracking Error	1.88	_	2.43
Information Ratio	-0.05	_	0.43
Up Capture Ratio	91.28	_	93.63
Down Capture Ratio	88.22	-	86.99

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.90	16.05	16.52
Price/Book Ratio	2.25	2.32	2.43
Avg Eff Duration	3.79	_	6.54



## BlackRock LifePath® Index 2025 K LIBKX

#### Morningstar Category Target-Date 2025

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

## Style Analysis as of 03-31-2023

Morningstar Style Box™



### Style Breakdown

Equity

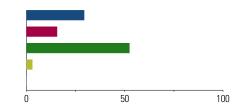
27	25	Large
10	5	Mid
5	2	Small
	10	10 5

Value Blend Growth



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

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



Asset Class Net % Cat% US Stocks 28.92 29.26 Non-US Stocks 15.48 15.03 Bonds 52.32 41.64 Cash 2.89 3.72 Other 0.05 10.69 100.00 100.00 Total

		Fund	Bmark	Cat	Fund ▼ Benchmark [] Category Average
l.	Cyclical	37.75	40.54	35.96	Tund Benchmark   Category Average
4	Basic Materials	4.60	4.89	4.57	
<u>—</u>	Consumer Cyclical	10.53	11.55	10.49	<b>*</b>
e e	Financial Services	14.89	15.67	15.42	
÷	Real Estate	7.73	8.43	5.48	
M	Sensitive	40.68	37.09	41.39	, The state of the
	Communication Services	6.30	5.06	6.26	
ð	Energy	4.83	5.02	5.07	
ф	Industrials	10.80	11.88	10.83	
	Technology	18.75	15.13	19.23	
<b>→</b>	Defensive	21.57	22.37	22.66	
	Consumer Defensive	6.77	6.87	6.91	
٠	Healthcare	12.07	12.42	12.74	
•	Utilities	2.73	3.08	3.01	

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Ishares Russell 1000 Large-Cap Idx Inv A	_	25.57	25.57	_	_
⇒ iShares Core MSCI Total Intl Stk ETF	_	14.67	40.24	_	_
⇒ iShares US Intermediate Gov Bd Idx	_	14.62	54.86	_	_
	_	13.92	68.78	_	_
⊕ iShares US Intermediate Credit Bond Idx	-	7.94	76.72	-	-
⇒ iShares TIPS Bond ETF	_	7.77	84.49	_	_
⊕ iShares US Long Government Bond ldx	_	7.05	91.54	_	_
	_	3.29	94.83	-	_
⊕ Blackrock Small Cap Index Fund	-	2.92	97.74	_	_
	_	2.05	99.79	_	_

### Total Holdings 12

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



## BlackRock LifePath® Index 2030 K LINKX

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

#### Portfolio Manager(s)

Greg Savage since 04-2018 Christopher Chung since 06-2020 Lisa O'Connor since 06-2020 Paul Whitehead since 02-2023

### **Quantitative Screens**

- Performance: The fund has finished in the Target-Date 2030 category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 4.92 years.
- Style: The fund has landed in its primary style box Large Blend — 96.67 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.09 is 86.76% lower than the Target-Date 2030 category average.

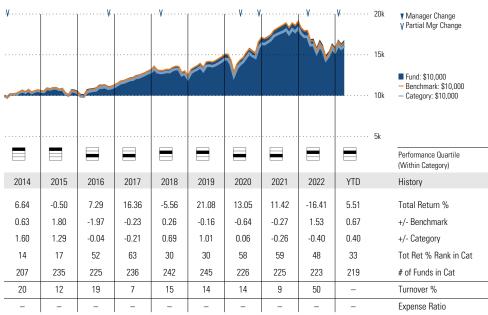
#### **Morningstar Investment Management LLC Analysis**

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

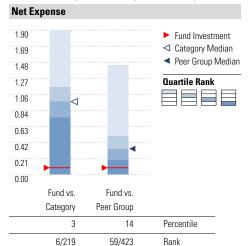
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	04-07-2022

## Growth of \$10,000







Peer group is a subset of the category and includes funds with the
same management style (active vs. passive) and similar share class $% \left( 1\right) =\left( 1\right) \left( 1\right) $
characteristics

3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	0.88	_	1.30
Beta	0.94	_	0.93
R-Squared	99.02	_	98.22
Standard Deviation	13.28	14.06	13.16
Sharpe Ratio	0.63	0.57	0.65
Tracking Error	1.56	_	2.16
Information Ratio	0.30	_	0.51
Up Capture Ratio	97.16	_	97.20
Down Capture Ratio	93.14	_	91.19

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.95	15.88	16.58
Price/Book Ratio	2.25	2.29	2.50
Avg Eff Duration	3.11	-	7.02
Avg Eli Balation	5.11		,



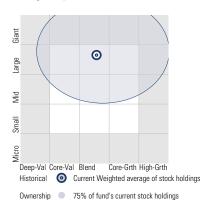
## BlackRock LifePath® Index 2030 K LINKX

#### Morningstar Category Target-Date 2030

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

## Style Analysis as of 03-31-2023

Morningstar Style Box™



## Style Breakdown

Equity

Lquity			
17	27	25	Large
7	10	5	Mid
3	4	2	Small

Value Blend Growth

Fixed Income

Quality

Gh

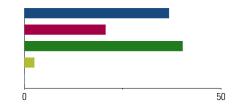
Mia

Ltd Mod Ext

Duration

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

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



Asset Class Net % Cat% US Stocks 36.72 35.25 Non-US Stocks 17.18 20.58 Bonds 40.19 31.79 Cash 2.44 2.12 Other 0.06 13.66 Total 100.00 100.00

Sect	tor Weighting as of 03-	31-2023			
		Fund	Bmark	Cat	Fund Benchmark Category Average
<b>Դ</b>	Cyclical	37.77	40.42	35.14	
A.	Basic Materials	4.64	4.99	4.44	
<b>A</b>	Consumer Cyclical	10.53	11.62	10.81	
<del>, j</del>	Financial Services	14.95	15.82	15.87	
ritor (	Real Estate	7.65	7.99	4.02	
Var	Sensitive	40.70	37.24	42.16	
	Communication Services	6.37	5.09	6.25	
ð	Energy	4.82	5.05	5.10	
<b>Ģ</b>	Industrials	10.74	12.00	11.19	
	Technology	18.77	15.10	19.62	
<b>→</b>	Defensive	21.53	22.35	22.70	
	Consumer Defensive	6.84	6.91	6.85	
•	Healthcare	11.98	12.36	12.98	
•	Utilities	2.71	3.08	2.87	
					0% 5 10 15 20 25 30 35 40

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Ishares Russell 1000 Large-Cap ldx Inv A	_	33.10	33.10	_	_
∋ iShares Core MSCI Total Intl Stk ETF	_	19.57	52.67	_	_
⊕ iShares US Securitized Bond Index	_	10.43	63.09	_	_
⊕ iShares US Intermediate Gov Bd Idx	_	9.35	72.44	_	-
⊕ iShares TIPS Bond ETF	_	6.84	79.28	-	-
⊕ iShares US Long Government Bond ldx	_	5.44	84.73	_	_
⊕ iShares US Intermediate Credit Bond Idx	-	5.26	89.99	_	_
∋ iShares US Long Credit Bond Index	-	4.59	94.58	_	_
∋ iShares Developed Real Estate ldx K	-	2.62	97.19	_	-
→ Blackrock Small Cap Index Fund	_	2.60	99.79	_	_

### Total Holdings 12

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



## BlackRock LifePath® Index 2035 K LIJKX

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

+/- Benchmark

+/- Category

Tot Ret % Rank in Cat

# of Funds in Cat

Turnover %
Expense Ratio

### Portfolio Manager(s)

Greg Savage since 04-2018 Christopher Chung since 06-2020 Lisa O'Connor since 06-2020 Paul Whitehead since 02-2023

### **Quantitative Screens**

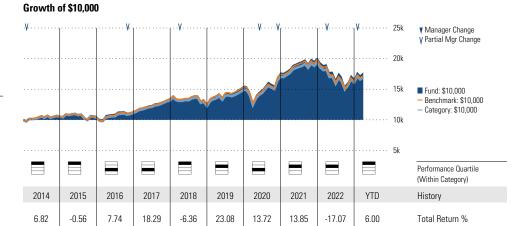
- Q Performance: The fund has finished in the Target-Date
  2035 category's top three quartiles in 9 of the 10 years it's
  been in existence.
- Management: The fund's management has been in place for 4.92 years.
- Net Expense: The fund's expense ratio of 0.09 is 86.76% lower than the Target-Date 2035 category average.

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

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

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	04-07-2022



0.34

-0.32

63

210

10

0.22

0.09

49

216

9

0.68

-0.15

45

215

39

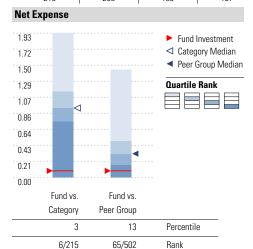
0.90

0.43

24

215

					·	
Trailing Perform	mance					
	1	[	1	[	15%	Total Return % as of 03-31-2023
	-				10	
					5	<ul><li>Benchmark</li><li>Category</li></ul>
					0	
					-5	
					-10	Average annual, if greater than 1 year
3 Month	1 Year	3 year	5 year	10 year	Since Inception	
6.00	-7.03	11.10	5.80	6.97	6.87	Fund Return %
5.10	-8.22	10.61	5.18	6.90	6.81	Benchmark Return %
5.57	-6.77	11.19	5.50	6.96	-	Category Average %
24	64	59	36	55	_	% Rank in Category
215	208	183	167	100	_	# of Funds in Category



2.02

1.20

19

200

10

-2.33

0.17

51

198

22

-0.23

-0.14

57

209

6

0.46

0.68

25

223

10

0.04

1.04

26

234

13

1.02

1.58

14

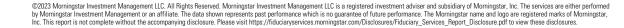
172

25

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	0.74	_	0.99
Beta	0.97	_	0.96
R-Squared	99.06	_	98.49
Standard Deviation	14.79	15.20	14.72
Sharpe Ratio	0.71	0.66	0.72
Tracking Error	1.52	_	2.03
Information Ratio	0.32	_	0.46
Up Capture Ratio	99.97	_	99.57
Down Capture Ratio	97.39	_	95.72

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.99	15.72	16.40
Price/Book Ratio	2.25	2.26	2.44
Avg Eff Duration	2.37	-	7.46





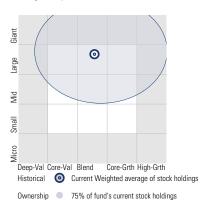
## BlackRock LifePath® Index 2035 K LIJKX

# Morningstar Category Target-Date 2035 Morning

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

## Style Analysis as of 03-31-2023

Morningstar Style Box™



## Style Breakdown

Equity

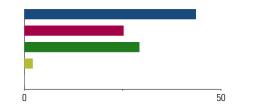
Equity			
18	28	26	Large
7	10	5	Mid
2	3	2	Small

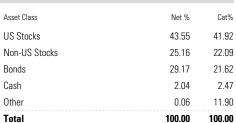
Value Blend Growth

Fixed Income
Quality
GF
Mid
Ltd Mod Ext
Duration

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

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





Sec	ctor Weighting as of 03-3	31-2023			
		Fund	Bmark	Cat	Fund Benchmark Category Average
<b>Դ</b>	Cyclical	37.88	40.30	35.13	
â.	Basic Materials	4.66	5.09	4.58	
<b>A</b>	Consumer Cyclical	10.53	11.69	10.78	
÷	Financial Services	14.97	15.99	15.73	
<b>fi</b>	Real Estate	7.72	7.53	4.04	
W#	Sensitive	40.67	37.38	42.12	
	Communication Services	6.41	5.10	6.36	
ð	Energy	4.80	5.08	5.08	
Ф	Industrials	10.69	12.13	11.06	
	Technology	18.77	15.07	19.62	
<b>→</b>	Defensive	21.48	22.32	22.75	
=	Consumer Defensive	6.86	6.92	6.92	
٠	Healthcare	11.91	12.31	12.92	
•	Utilities	2.71	3.09	2.91	
					0% 5 10 15 20 25 30 35 40 45

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Nahaman Russall (1900) Laura Cam Idiolan A		20.02	20.02		
Ishares Russell 1000 Large-Cap Idx Inv A	_	39.92	39.92	_	_
iShares Core MSCI Total Intl Stk ETF	_	23.93	63.85	_	_
iShares US Securitized Bond Index	_	7.32	71.17	_	_
iShares TIPS Bond ETF	-	5.61	76.78	_	_
iShares US Intermediate Gov Bd Idx	-	5.37	82.15	-	-
iShares US Long Credit Bond Index	_	4.42	86.58	_	_
iShares US Long Government Bond Idx	_	4.03	90.61	_	_
iShares US Intermediate Credit Bond Idx	_	3.63	94.24	_	_
iShares Developed Real Estate Idx K	_	3.23	97.46	_	_
Blackrock Small Cap Index Fund	_	2.32	99.79	_	_

### Total Holdings 12

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



## BlackRock LifePath® Index 2040 K LIKKX

Growth of \$10,000

1.65

17

207

29

1.43

18

235

11

0.15

42

225

26

Morningstar Category Target-Date 2040

-0.33

45

218

29

0.61

22

213

Morningstar Index Morningstar Lifetime Mod 2040 TR USD

+/- Category

Turnover %

Tot Ret % Rank in Cat

# of Funds in Cat

#### Portfolio Manager(s)

Greg Savage since 04-2018 Christopher Chung since 06-2020 Lisa O'Connor since 06-2020 Paul Whitehead since 02-2023

### **Quantitative Screens**

- Performance: The fund has finished in the Target-Date
  2040 category's top three quartiles in 10 of the 10 years it's
  been in existence.
- Management: The fund's management has been in place for 4.92 years.
- Net Expense: The fund's expense ratio of 0.09 is 87.14% lower than the Target-Date 2040 category average.

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

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

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	04-07-2022

#### ▼ Manager Change V Partial Mgr Change Fund: \$10,000 Benchmark: \$10,000 - Category: \$10,000 10k Performance Quartile (Within Category) 2014 2015 2016 2017 2018 2019 2020 2021 2022 YTD History 6.90 -0.56 8.10 19.95 -7.08 25.01 14.10 16.05 -17.65 6.39 Total Return % 2 27 -2.51 0.08 0.57 0.66 1.01 0.70 -0.28 1.08 1.39 +/- Benchmark

-0.46

62

220

9

0.58

36

219

7

0.66

26

242

12

0.43

50

236

6

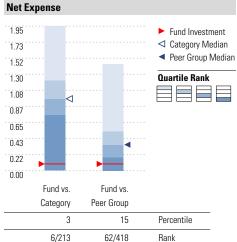
1.82

14

245

14





Peer group is a subset of the category and includes funds with the
same management style (active vs. passive) and similar share class $% \left( 1\right) =\left( 1\right) \left( 1\right) $
characteristics

3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	0.51	_	0.47
Beta	0.99	-	0.98
R-Squared	99.00	_	98.52
Standard Deviation	16.19	16.22	15.95
Sharpe Ratio	0.76	0.74	0.76
Tracking Error	1.63	_	2.10
Information Ratio	0.29	_	0.21
Up Capture Ratio	102.42	_	100.08
Down Capture Ratio	101.53	_	99.00

Portfolio Metrics								
	Fund	Bmark	Cat					
Price/Earnings Ratio	16.03	15.56	16.35					
Price/Book Ratio	2.25	2.24	2.43					
Avg Eff Duration	1.64	-	7.96					



## BlackRock LifePath® Index 2040 K LIKKX

#### **Morningstar Category** Target-Date 2040

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

## Style Analysis as of 03-31-2023

Morningstar Style Box™



### Style Breakdown

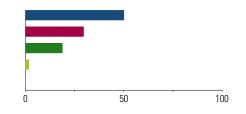
Lquity			
18	28	26	Large
7	10	5	Mid
2	3	1	Small

Value Blend Growth

Fixed Income Quality High MidLow Ltd Mod Duration

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

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



Asset Class Net % Cat% US Stocks 50.02 48.64 Non-US Stocks 29.50 25.85 Bonds 18.69 13.38 Cash 1.71 1.87 Other 0.08 10.26 Total 100.00 100.00

Sec	ctor Weighting as of 03-3	31-2023			
		Fund	Bmark	Cat	Fund • Benchmark   Category Average
<b>Դ</b>	Cyclical	37.92	40.26	35.46	
i.	Basic Materials	4.67	5.20	4.57	
•	Consumer Cyclical	10.52	11.74	10.82	
٥	Financial Services	14.97	16.13	15.73	
b	Real Estate	7.76	7.19	4.34	
M	Sensitive	40.64	37.45	41.92	
	Communication Services	6.44	5.12	6.28	
	Energy	4.78	5.08	5.06	
>	Industrials	10.65	12.22	11.16	
3	Technology	18.77	15.03	19.42	
<b>→</b>	Defensive	21.42	22.28	22.63	
Ę	Consumer Defensive	6.88	6.94	6.86	
ř	Healthcare	11.85	12.24	12.92	
	Utilities	2.69	3.10	2.85	
					0% 5 10 15 20 25 30 35 40 4

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⇒ Ishares Russell 1000 Large-Cap Idx Inv A	_	46.48	46.48	_	_
	_	28.07	74.55	_	_
⊕ iShares US Securitized Bond Index	_	4.50	79.05	_	_
	_	4.22	83.27	_	_
⊕ iShares TIPS Bond ETF	-	4.08	87.35	_	-
⊕ iShares Developed Real Estate Idx K	_	3.80	91.16	_	_
⊕ iShares US Long Government Bond ldx	_	2.55	93.71	_	_
⊕ iShares US Intermediate Gov Bd ldx	_	2.31	96.01	_	_
⊕ Blackrock Small Cap Index Fund	-	1.95	97.96	-	_
⊕ iShares US Intermediate Credit Bond Idx	_	1.79	99.75	_	_

## Total Holdings 12

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



## BlackRock LifePath® Index 2045 K LIHKX

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

Turnover %

Expense Ratio

#### Portfolio Manager(s)

Greg Savage since 04-2018 Christopher Chung since 06-2020 Lisa O'Connor since 06-2020 Paul Whitehead since 02-2023

### **Quantitative Screens**

- Performance: The fund has finished in the Target-Date
  2045 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 4.92 years.
- Net Expense: The fund's expense ratio of 0.09 is 87.14% lower than the Target-Date 2045 category average.

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	04-07-2022

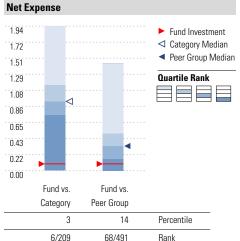
#### Growth of \$10,000 ▼ Manager Change V Partial Mgr Change Fund: \$10,000 - Benchmark: \$10,000 - Category: \$10,000 10k Performance Quartile (Within Category) 2014 2015 2016 2017 2018 2019 2020 2021 2022 YTD History 7.10 -0.64 8.28 21.07 -7.51 26.25 14.64 17.81 -18.05 6.71 Total Return % 2.39 -2.56 0.54 0.66 1.28 1.69 1.45 -0.99 1.25 1.85 +/- Benchmark 0.63 1.90 1.75 1.23 0.35 0.56 -0.46 1.18 -0.30 0.55 +/- Category 13 18 45 37 27 7 63 18 45 18 Tot Ret % Rank in Cat 172 199 197 222 214 # of Funds in Cat 208 233 209 215 209



7

7

16



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

3-Year hisk weirics			
	Fund	Bmark	Cat
Alpha	0.46	_	0.19
Beta	1.02	_	0.98
R-Squared	98.93	_	98.45
Standard Deviation	17.34	16.87	16.74
Sharpe Ratio	0.80	0.78	0.78
Tracking Error	1.84	_	2.16
Information Ratio	0.43	_	0.08
Up Capture Ratio	105.56	_	100.55
Down Capture Ratio	105.35	_	100.96

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	16.05	15.42	16.33
Price/Book Ratio	2.25	2.21	2.41
Avg Eff Duration	0.88	-	8.71



30

10

26

6

8

12

## BlackRock LifePath® Index 2045 K LIHKX

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

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

## Style Analysis as of 03-31-2023

Morningstar Style Box™



## Style Breakdown

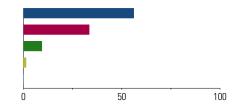
Equity							
18	28	26	Large				
7	10	5	Mid				
2	3	1	Small				

Value Blend Growth

Fixed Income Quality High MidLow Mod Ltd Duration

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

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



Total	100.00	100.00
Other	0.09	11.05
Cash	1.25	2.02
Bonds	9.28	7.32
Non-US Stocks	33.36	28.06
US Stocks	56.04	51.55
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 03-3	31-2023			
		Fund	Bmark	Cat	Fund Benchmark Category Average
<b>Դ</b>	Cyclical	37.99	40.31	35.55	
ė.	Basic Materials	4.67	5.28	4.63	
<b>A</b>	Consumer Cyclical	10.50	11.77	10.79	
4	Financial Services	14.96	16.23	15.76	
<b>fi</b>	Real Estate	7.86	7.03	4.37	
M	Sensitive	40.61	37.50	41.67	
	Communication Services	6.45	5.14	6.26	
ð	Energy	4.78	5.09	5.00	
<b>Ģ</b>	Industrials	10.61	12.30	11.10	, , , , , , , , , , , , , , , , , , ,
	Technology	18.77	14.97	19.31	
<b>→</b>	Defensive	21.41	22.19	22.77	
	Consumer Defensive	6.89	6.95	6.92	
٠	Healthcare	11.82	12.14	12.98	
•	Utilities	2.70	3.10	2.87	
					0% 5 10 15 20 25 30 35 40 4

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Ishares Russell 1000 Large-Cap ldx Inv A	_	52.37	52.37	_	_
∋ iShares Core MSCI Total Intl Stk ETF	_	31.72	84.09	_	_
⊕ iShares Developed Real Estate ldx K	_	4.38	88.47	_	_
⊕ iShares US Long Credit Bond Index	_	4.32	92.79	_	_
⊕ iShares TIPS Bond ETF	-	2.43	95.23	_	-
⊕ iShares US Securitized Bond Index	_	2.09	97.32	_	_
⊕ Blackrock Small Cap Index Fund	_	1.80	99.13	_	_
⊕ iShares US Long Government Bond Idx	_	0.63	99.75	_	_
⇒ BlackRock Cash Funds Treasury SL Agency	_	0.27	100.02	_	_
USD CASH(Alpha Committed)	04-2023	0.18	100.20	_	_

### Total Holdings 12

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



## BlackRock LifePath® Index 2050 K LIPKX

Growth of \$10,000

1.34

21

224

14

0.19

41

217

28

1.86

15

196

22

Morningstar Category Target-Date 2050

-0.35

53

215

11

0.65

17

210

Morningstar Index Morningstar Lifetime Mod 2050 TR USD

+/- Category

Turnover %

Tot Ret % Rank in Cat

# of Funds in Cat

#### Portfolio Manager(s)

Greg Savage since 04-2018 Christopher Chung since 06-2020 Lisa O'Connor since 06-2020 Paul Whitehead since 02-2023

## Quantitative Screens

- ❷ 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 4.92 years.
- Style: The fund has landed in its primary style box Large Blend — 96.77 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.09 is 87.32% lower than the Target-Date 2050 category average.

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	04-07-2022

#### ▼ Manager Change V Partial Mgr Change Fund: \$10,000 - Benchmark: \$10,000 - Category: \$10,000 10k Performance Quartile (Within Category) 2014 2015 2016 2017 2018 2019 2020 2021 2022 YTD History 7.28 -0.67 8.41 21.43 -7.82 26.77 15.04 18.75 -18.33 6.92 Total Return % 2.28 2.52 -2.48 0.65 0.59 1.68 2.13 2.15 -1.42 1.39 +/- Benchmark

-0.21

60

219

6

1.63

12

217

6

0.59

30

242

11

2.23

6

245

12

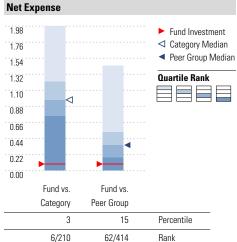
0.76

33

232

5





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

3-Year hisk weirics			
	Fund	Bmark	Cat
Alpha	0.52	_	0.02
Beta	1.04	_	0.99
R-Squared	98.89	_	98.37
Standard Deviation	17.91	17.13	17.11
Sharpe Ratio	0.82	0.79	0.78
Tracking Error	2.01	_	2.21
Information Ratio	0.55	-	0.00
Up Capture Ratio	107.85	_	101.09
Down Capture Ratio	107.79	-	102.43

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	16.06	15.30	16.35
Price/Book Ratio	2.25	2.19	2.41
Avg Eff Duration	11.26	-	8.79



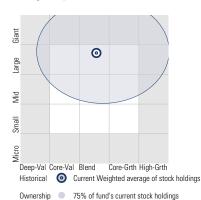
## BlackRock LifePath® Index 2050 K LIPKX

#### **Morningstar Category** Target-Date 2050

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

## Style Analysis as of 03-31-2023

Morningstar Style Box™



## Style Breakdown

Weight %

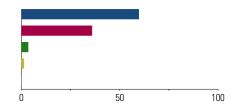
Equity				Fixed Income
18	28	26	Large	
7	10	5	Mid	
2	3	1	Small	

Value Blend Growth

>50 25-50 10-25 0-10

Quality High MidLow Mod Ltd Duration

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



Total	100.00	100.00
Other	0.09	9.94
Cash	1.17	1.80
Bonds	3.31	5.14
Non-US Stocks	35.80	28.81
US Stocks	59.63	54.30
Asset Class	Net %	Cat%

	Fund	Bmark	Cat	Fund •	Benchma	rk C	ategory Av	erage	
→ Cyclical	37.99	40.48	35.74						T,
Basic Materials	4.68	5.36	4.60						
Consumer Cyclical	10.51	11.78	10.81						
Financial Services	14.97	16.32	15.70			[			
Real Estate	7.83	7.02	4.63						
Sensitive	40.61	37.46	41.60						
Communication Services	6.46	5.14	6.21						
Energy	4.77	5.09	4.97						
Industrials	10.61	12.35	11.14			1			
Technology	18.77	14.88	19.28				_		
→ Defensive	21.40	22.06	22.66				<b>[</b>		
Consumer Defensive	6.90	6.94	6.86		_				
Healthcare	11.81	12.03	12.96	_					
Utilities	2.69	3.09	2.84						

<b>Top 9 Holdings</b> as of 03-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Ishares Russell 1000 Large-Cap Idx Inv A	_	55.97	55.97	_	_
	_	34.06	90.04	_	_
⊕ iShares Developed Real Estate Idx K	_	4.66	94.70	_	_
⊕ iShares US Long Credit Bond Index	_	2.32	97.02	_	_
⊕ Blackrock Small Cap Index Fund	_	1.66	98.69	-	-
⊕ iShares TIPS Bond ETF	_	0.95	99.64	_	_
→ BlackRock Cash Funds Treasury SL Agency	_	0.29	99.93	_	_
⊕ iShares US Long Government Bond Idx	_	0.06	99.99	_	_
⊕ USD CASH(Alpha Committed)	04-2023	0.01	100.00	_	_

## Total Holdings 9

⊕ Increase ⊕ Decrease ☼ New to Portfolio



## BlackRock LifePath® Index 2055 K LIVKX

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

#### Portfolio Manager(s)

Greg Savage since 04-2018 Christopher Chung since 06-2020 Lisa O'Connor since 06-2020 Paul Whitehead since 02-2023

### **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 4.92 years.
- Net Expense: The fund's expense ratio of 0.09 is 87.32% lower than the Target-Date 2055 category average.

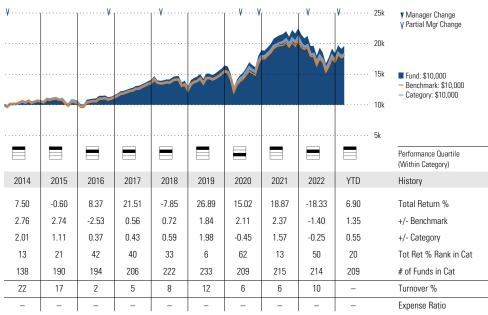
### **Morningstar Investment Management LLC Analysis**

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

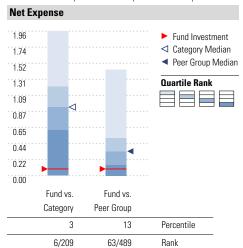
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	04-07-2022

## Growth of \$10,000







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

3-Year RISK Wetrics			
	Fund	Bmark	Cat
Alpha	0.53	_	0.06
Beta	1.04	_	0.99
R-Squared	98.84	_	98.30
Standard Deviation	17.99	17.19	17.23
Sharpe Ratio	0.82	0.79	0.78
Tracking Error	2.06	_	2.24
Information Ratio	0.54	_	0.03
Up Capture Ratio	108.12	_	101.66
Down Capture Ratio	108.17	_	102.94

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	16.06	15.19	16.31
Price/Book Ratio	2.25	2.17	2.40
Avg Eff Duration	0.11	_	9.72



## BlackRock LifePath® Index 2055 K LIVKX

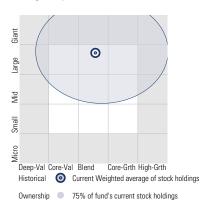
Quality High MidLow

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

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

## Style Analysis as of 03-31-2023

Morningstar Style Box™



## Style Breakdown

Weight %

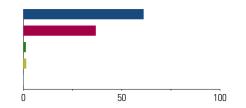
Equity				Fixed	Income
18	28	26	Large		
7	10	5	Mid		
2	3	1	Small		
Value	Blend	Growth		Ltd	Mod

Duration

Value Blend Growth

>50 25-50 10-25 0-10

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



Asset Class Net % Cat% US Stocks 61.00 54.19 Non-US Stocks 36.64 30.35 Bonds 1.03 4.83 Cash 1.24 1.50 Other 0.09 9.15 100.00 100.00 Total

	ctor Weighting as of 03-3		Б	0 .	-		Б		По					
		Fund	Bmark	Cat	Fund	d '	Bench	mark	Categ	jory Ave	erage		,	
<u></u>	Cyclical	37.99	40.71	35.69										
å.	Basic Materials	4.68	5.43	4.74										
<b>A</b>	Consumer Cyclical	10.50	11.78	10.80										
<b>,</b>	Financial Services	14.97	16.40	15.76										
æ	Real Estate	7.84	7.10	4.39										
₩.	Sensitive	40.60	37.40	41.90										
	Communication Services	6.47	5.14	6.33										
•	Energy	4.77	5.09	5.04										
<b>Ģ</b>	Industrials	10.59	12.39	11.10				1						
	Technology	18.77	14.78	19.43										
<b>→</b>	Defensive	21.40	21.90	22.42						]				
÷	Consumer Defensive	6.91	6.92	6.80										
٠	Healthcare	11.80	11.90	12.85										
•	Utilities	2.69	3.08	2.77		]								
					0%	5	10	15	20	25	30	35	40	

<b>Top 8 Holdings</b> as of 03-31-2023						
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector	
⊕ Ishares Russell 1000 Large-Cap Idx Inv A	_	57.35	57.35	_	_	
① iShares Core MSCI Total Intl Stk ETF	_	34.86	92.21	_	-	
① iShares Developed Real Estate Idx K	_	4.78	96.99	_	-	
Blackrock Small Cap Index Fund	_	1.61	98.60	_	-	
① iShares US Long Credit Bond Index	_	0.79	99.39	-	_	
BlackRock Cash Funds Treasury SL Agency	_	0.28	99.67	_	_	
① iShares TIPS Bond ETF	_	0.25	99.92	_	-	
⊕ USD CASH(Alpha Committed)	04-2023	0.08	100.00	_	-	

### Total Holdings 8

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



## BlackRock LifePath® Index 2060 K LIZKX

#### Morningstar Category Target-Date 2060

### Morningstar Index

Morningstar Mod Tgt Risk TR USD

## Portfolio Manager(s)

Greg Savage since 04-2018 Lisa O'Connor since 06-2020 Christopher Chung since 06-2020 Paul Whitehead since 02-2023

#### **Quantitative Screens**

- Q 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 4.92 years.
- Net Expense: The fund's expense ratio of 0.09 is 87.32% lower than the Target-Date 2060 category average.

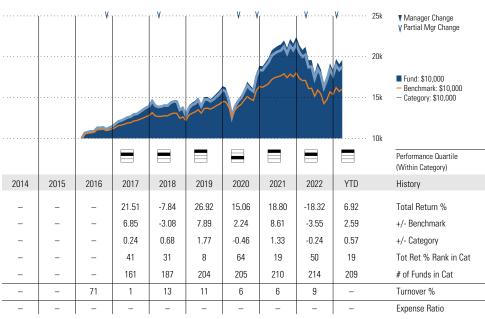
#### **Morningstar Investment Management LLC Analysis**

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

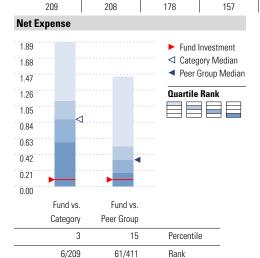
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	04-07-2022

### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 03-31-2023 ■ Fund Benchmark Category 5 0 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year Fund Return % 6.92 -7.60 15.28 7.13 9.97 5.74 4.33 -6.22 8.47 4.80 6.04 Benchmark Return % 6.35 -7 11 6 40 8 00 14 26 Category Average % 19 67 12 9 % Rank in Category # of Funds in Category



Peer group	o is a subset of the category and includes funds with the
same mar	nagement style (active vs. passive) and similar share class
characteri	etice

3-Year RISK Wietrics			
	Fund	Bmark	Cat
Alpha	3.37	-	2.85
Beta	1.40	-	1.34
R-Squared	98.04	-	97.48
Standard Deviation	18.02	12.77	17.31
Sharpe Ratio	0.81	0.61	0.79
Tracking Error	5.67	-	5.14
Information Ratio	1.20	-	1.12
Up Capture Ratio	153.71	-	145.42
Down Capture Ratio	138.67	-	132.66

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	16.06	15.15	16.28
Price/Book Ratio	2.25	2.14	2.39
Avg Eff Duration	0.12	_	8.09



## BlackRock LifePath® Index 2060 K LIZKX

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

**Morningstar Index** 

Morningstar Mod Tgt Risk TR USD

## Style Analysis as of 03-31-2023

Morningstar Style Box™



### Style Breakdown

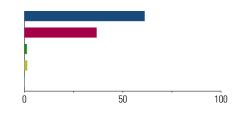
Equity				FIX
18	28	26	Large	
7	10	5	Mid	
2	3	1	Small	

Value Blend Growth



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

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



Total	100.00	100.00
Other	0.09	9.74
Cash	1.27	1.92
Bonds	1.01	4.58
Non-US Stocks	36.59	32.04
US Stocks	61.03	51.71
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 03-3	31-2023			
		Fund	Bmark	Cat	Fund • Benchmark [] Category Average
ŀ	Cyclical	37.96	40.72	35.82	
à.	Basic Materials	4.67	5.44	4.91	i i i i i i i i i i i i i i i i i i i
4	Consumer Cyclical	10.50	11.57	10.77	
P	Financial Services	14.97	16.65	15.41	[ <b>'</b>
ŧ	Real Estate	7.82	7.06	4.73	
M	Sensitive	40.63	36.84	41.34	
d	Communication Services	6.47	5.30	6.22	
•	Energy	4.78	5.13	5.06	
\$	Industrials	10.61	11.78	11.30	
	Technology	18.77	14.63	18.76	
<b>→</b>	Defensive	21.41	22.44	22.84	
	Consumer Defensive	6.91	7.13	6.92	
۲	Healthcare	11.81	11.93	13.19	
?	Utilities	2.69	3.38	2.73	

<b>Top 8 Holdings</b> as of 03-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Ishares Russell 1000 Large-Cap Idx Inv A	_	57.35	57.35	_	_
⊕ iShares Core MSCI Total Intl Stk ETF	_	34.82	92.16	_	-
⊕ iShares Developed Real Estate ldx K	_	4.76	96.93	_	-
Blackrock Small Cap Index Fund	_	1.66	98.59	_	-
⊕ iShares US Long Credit Bond Index	-	0.87	99.46	-	_
	_	0.25	99.71	_	_
⊕ USD CASH(Alpha Committed)	04-2023	0.15	99.86	_	_
⊕ iShares TIPS Bond ETF	_	0.14	100.00	_	_

## Total Holdings 8

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



## BlackRock LifePath® Index 2065 K LIWKX

Morningstar Category Target-Date 2065+ Morningstar Index

Morningstar Mod Tgt Risk TR USD

## Portfolio Manager(s)

Greg Savage since 10-2019 Lisa O'Connor since 06-2020 Christopher Chung since 06-2020 Paul Whitehead since 02-2023

#### **Quantitative Screens**

- Q Performance: The fund has finished in the Target-Date
   2065+ category's top three quartiles in 3 of the 3 years it's
   been in existence.
- Management: The fund's management has been in place for 3.42 years.
- Net Expense: The fund's expense ratio of 0.09 is 87.14% lower than the Target-Date 2065+ category average.

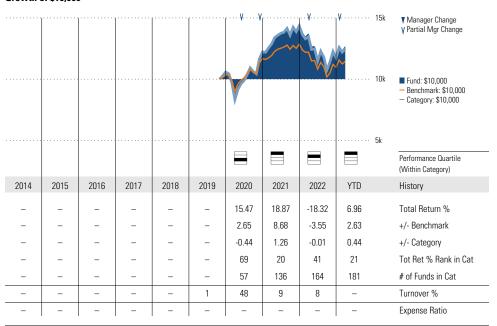
#### **Morningstar Investment Management LLC Analysis**

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

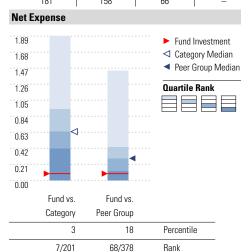
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	04-07-2022

### Growth of \$10,000







Peer group is a subset of the category and includes funds with the
same management style (active vs. passive) and similar share class $% \left( 1\right) =\left( 1\right) \left( 1\right) $
characteristics

3- Fedi hisk Wellics			
	Fund	Bmark	Cat
Alpha	3.15	_	2.89
Beta	1.39	_	1.37
R-Squared	98.08	_	97.82
Standard Deviation	17.95	12.77	17.66
Sharpe Ratio	0.80	0.61	0.79
Tracking Error	5.60	_	5.37
Information Ratio	1.17	_	1.12
Up Capture Ratio	152.67	_	148.38
Down Capture Ratio	138.86	-	135.43

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	16.35	15.15	15.87
Price/Book Ratio	2.30	2.14	2.32
Avg Eff Duration	0.13	-	8.15



## BlackRock LifePath® Index 2065 K LIWKX

#### Morningstar Index **Morningstar Category** Target-Date 2065+ Morningstar Mod Tgt Risk TR USD

Net %

61.01

36.59

1.00

1.30

0.09

100.00

Cat%

50.44

32.50

6.79

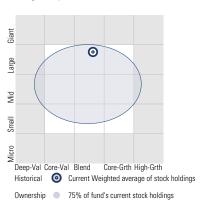
2.29

7.99

100.00

## Style Analysis as of 03-31-2023

Morningstar Style Box™



## Style Breakdown

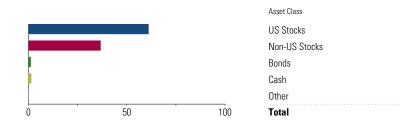
Weight %

Lquity			
18	28	27	Large
7	10	5	Mid
2	3	1	Small

Value Blend Growth



>50 25-50 10-25 0-10



Asset Allocation as of 03-31-2023

	Fund	Bmark	Cat	Fund	•	Benchi	mark	Categ	gory Ave	erage	
+ Cyclical	36.93	40.72	35.78								
Basic Materials	4.60	5.44	4.96								
Consumer Cyclical	10.47	11.57	10.84								
Financial Services	14.10	16.65	15.79				<b>=</b> [] '				
Real Estate	7.76	7.06	4.19								
Sensitive	41.67	36.84	41.77								
Communication Services	6.72	5.30	6.36								
Energy	4.67	5.13	5.07								
Industrials	10.46	11.78	11.48				į				
Technology	19.82	14.63	18.86				· ·		_ :		
→ Defensive	21.40	22.44	22.46								
Consumer Defensive	6.93	7.13	7.02								
Healthcare	11.75	11.93	12.69								
Utilities	2.72	3.38	2.75		'						

<b>Top 7 Holdings</b> as of 03-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Blackrock Russell 1000 Index	_	57.17	57.17	-	_
⊕ iShares Core MSCI Total Intl Stk ETF	-	34.82	91.98	_	-
⊕ iShares Developed Real Estate Idx K	_	4.79	96.77	_	_
⊕ Blackrock Small Cap Index Fund	-	1.72	98.50	_	-
⊕ iShares US Long Credit Bond Index	_	1.01	99.51	_	_
— ⊝ BlackRock Cash Funds Treasury SL Agency	_	0.44	99.95	_	_
⊕ USD CASH(Alpha Committed)	04-2023	0.05	100.00	_	_

### Total Holdings 7

⊕ Increase ⊝ Decrease 🌣 New to Portfolio



## BlackRock LifePath® Index Retire K LIRKX

Morningstar Category
Target-Date Retirement

Morningstar Index Morningstar Lifetime Mod Incm TR USD

#### Portfolio Manager(s)

Greg Savage since 04-2018 Christopher Chung since 06-2020 Lisa O'Connor since 06-2020 Paul Whitehead since 02-2023

## Quantitative Screens

Performance: The fund has finished in the Target-Date
 Retirement 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 4.92 years.

Net Expense: The fund's expense ratio of 0.09 is 86.36% lower than the Target-Date Retirement category average.

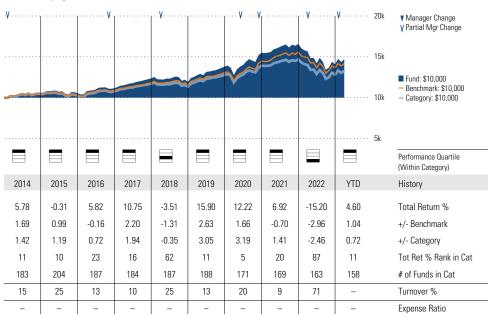
#### **Morningstar Investment Management LLC Analysis**

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

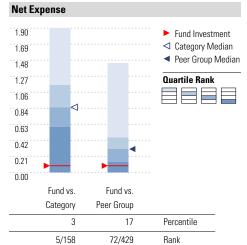
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
ESG Commitment	1-Low	04-07-2022

#### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 03-31-2023 Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 yea 5 year 4.60 -6.16 4.82 3.75 4.39 4.69 Fund Return % 3.56 -5.19 5.42 3.75 3.87 5.47 Benchmark Return % 3 87 3 88 -4 90 2 94 3 40 Category Average % 11 88 28 11 % Rank in Category 158 157 140 123 82 # of Funds in Category



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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-1.18	_	-1.04
Beta	1.13	_	0.94
R-Squared	98.65	-	95.94
Standard Deviation	10.46	9.21	8.86
Sharpe Ratio	0.39	0.49	0.34
Tracking Error	1.69	_	2.08
Information Ratio	-0.35	_	-0.62
Up Capture Ratio	108.48	_	90.30
Down Capture Ratio	117.80	_	98.47

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.86	16.63	16.26
Price/Book Ratio	2.23	2.42	2.30
Avg Eff Duration	3.98	-	6.53



## BlackRock LifePath® Index Retire K LIRKX

Quality High MidLow

#### **Morningstar Category** Target-Date Retirement

**Morningstar Index** Morningstar Lifetime Mod Incm TR USD

## Style Analysis as of 03-31-2023

Morningstar Style Box™



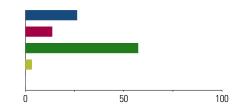
## Style Breakdown

Equity				rixeu	income
17	26	24	Large		
7	10	5	Mid		
3	5	3	Small		
Value	Blend	Growth		l td	Mod

Duration

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

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



Asset Class Net % Cat% US Stocks 18.92 26.15 Non-US Stocks 13.48 9.92 Bonds 57.23 52.87 Cash 3.10 4.94 Other 0.05 13.36 100.00 100.00 Total

		Fund	Bmark	Cat	Fund ▼ Benchmark   Category Average
լ Մ	Cyclical	38.31	40.52	37.55	Talia Beliefilliar   Gategory Average
à.	Basic Materials	4.54	4.56	4.35	
4	Consumer Cyclical	10.45	11.39	10.13	
÷	Financial Services	14.74	15.23	14.58	, and the second
ŧ	Real Estate	8.58	9.34	8.49	
M	Sensitive	40.30	36.87	40.44	
	Communication Services	6.19	5.03	6.09	
•	Energy	4.82	5.00	4.87	
ф	Industrials	10.73	11.47	10.34	
3	Technology	18.56	15.37	19.14	
<b>→</b>	Defensive	21.38	22.61	21.99	
	Consumer Defensive	6.66	6.85	6.75	
٠	Healthcare	12.02	12.69	12.11	
•	Utilities	2.70	3.07	3.13	

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Nume	Watanty Bate	/0 NGC /33GC	oumulative /6	TTD Hotain 70	Worlingstar occior
⊕ Ishares Russell 1000 Large-Cap ldx K	_	22.22	22.22	_	_
⇒ iShares US Intermediate Gov Bd Idx	-	17.63	39.85	-	-
⇒ iShares US Securitized Bond Index	-	15.44	55.29	_	-
∋ iShares Core MSCI Total Intl Stk ETF	_	12.62	67.91	_	_
⊕ iShares US Intermediate Credit Bond Idx	-	9.23	77.14	-	-
iShares TIPS Bond ETF	_	8.01	85.16	_	_
⊕ iShares US Long Government Bond ldx	-	7.05	92.21	-	-
→ Blackrock Small Cap Index Fund	-	3.05	95.25	-	-
∋ iShares US Long Credit Bond Index	-	2.37	97.62	_	_
⊕ iShares Developed Real Estate ldx K	_	2.15	99.78	_	_

### Total Holdings 12

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



## JPMorgan Large Cap Growth R6 JLGMX

# Morningstar Category Large Growth

## Morningstar Index

Russell 1000 Growth TR USD

Expense Ratio

### Portfolio Manager(s)

Giri Devulapally since 08-2004 Larry Lee since 11-2020 Joseph Wilson since 11-2020 Holly Fleiss since 01-2022 Robert Maloney since 11-2022

#### **Quantitative Screens**

- Performance: The fund has finished in the Large Growth category's top three quartiles in 9 of the 10 years it's been in existence
- Management: The fund's management has been in place for 18.67 years.
- Style: The fund has landed in its primary style box —
   Large Growth 100 % of the time over the past three
   years.
- Net Expense: The fund's expense ratio of 0.44 is 53.68% lower than the Large Growth category average.

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	04-07-2022

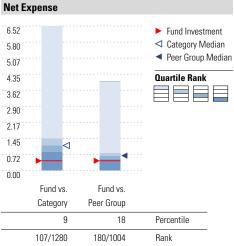
#### Growth of \$10,000 ▼ Manager Change V Partial Mgr Change 40k 35k 301 25k ■ Fund: \$10,000 - Benchmark: \$10,000 20k - Category: \$10,000 15k 10k 5k Performance Quartile (Within Category) 2014 2015 2016 2017 2018 2019 2020 2021 2022 YTD History 11.13 7 94 -1.74 38.37 0.57 39.39 56.42 18.79 -25.21 9.19 Total Return % 2.27 17.93 -1.92 -8.82 8.16 2.08 3.00 -8.81 3.93 -5.18 +/- Benchmark 4.34 2.66 7.49 20.56 4.70 1.13 -4.97 10.70 -1.66 -2.46 +/- Category 39 16 87 3 22 4 8 68 29 70 Tot Ret % Rank in Cat 1,411 1,476 1,276 1,219 1,271 # of Funds in Cat 1,308 1,242 1,226 1,233 1,240 39 19 43 22 24 50 47 50 Turnover %



0.44

0.43

0.44



0.60

0.60

0.48

0.43

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 Metrics			
	Fund	Bmark	Cat
Alpha	1.59	_	-2.96
Beta	0.96	_	0.97
R-Squared	95.33	_	92.72
Standard Deviation	22.76	23.06	23.27
Sharpe Ratio	0.85	0.80	0.66
Tracking Error	4.99	_	6.33
Information Ratio	0.23	_	-0.78
Up Capture Ratio	95.13	_	89.90
Down Capture Ratio	88.68	-	97.84

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	25.27	25.33	25.60
Price/Book Ratio	6.86	8.50	6.47
Geom Avg Mkt Cap \$B	230.01	241.97	295.21
ROE	28.53	39.31	33.93



# JPMorgan Large Cap Growth R6 JLGMX

# Morningstar Category Large Growth

Morningstar Index

Russell 1000 Growth TR USD

Net %

93.41

3.49

0.00

3.10

0.00

100.00

Cat%

92.67

4.85

0.00

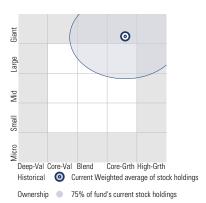
1.38

1.08

100.00

## Style Analysis as of 03-31-2023

Morningstar Style Box™



## Style Breakdown

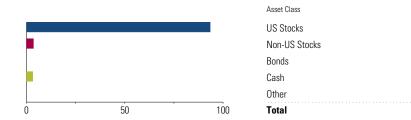
Equity

10	20	60	Large
2	2	6	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 03-31-2023

		Fund	Bmark	Cat	Fund Benchmark Category Average
÷	Cyclical	26.43	24.90	27.83	
ì.	Basic Materials	2.24	1.24	1.53	
•	Consumer Cyclical	18.61	15.06	14.36	
<u></u>	Financial Services	5.58	7.04	10.48	· • · · · · · · · · · · · · · · · · · ·
à	Real Estate	0.00	1.56	1.46	
JI.	Sensitive	58.16	56.95	51.38	
	Communication Services	9.40	6.69	8.51	
	Energy	2.49	1.48	2.35	
<b>}</b>	Industrials	5.14	8.07	6.90	
1	Technology	41.13	40.71	33.62	J
+	Defensive	15.40	18.14	20.77	
÷	Consumer Defensive	1.50	6.14	4.35	
1	Healthcare	13.90	11.95	15.92	
1	Utilities	0.00	0.05	0.50	

<b>Top 15 Holdings</b> as of 03-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	9.09	9.09	20.50	Technology
⊕ Apple Inc	8.24	17.33	27.09	Technology
Amazon.com Inc	5.33	22.66	22.96	Consumer Cyclical
	4.53	27.18	17.21	Communication Svc
⊕ NVIDIA Corp	3.44	30.62	90.10	Technology
⊕ JPMorgan Prime Money Market Inst	3.10	33.73	_	_
⊕ Tesla Inc	2.83	36.56	68.42	Consumer Cyclical
⊕ Regeneron Pharmaceuticals Inc	2.41	38.97	13.89	Healthcare
	2.29	41.26	76.12	Communication Svc
⊕ Oracle Corp	2.22	43.48	14.07	Technology
Deere & Co	2.16	45.64	-3.41	Industrials
Lowe's Companies Inc	2.05	47.69	0.89	Consumer Cyclical
AbbVie Inc	1.98	49.67	-0.47	Healthcare
AutoZone Inc	1.78	51.45	-0.33	Consumer Cyclical
Netflix Inc     ■	1.78	53.23	17.16	Communication Svc

#### Total Holdings 74

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



# JPMorgan US Equity R6 JUEMX

#### **Morningstar Category** Large Blend

Morningstar Index S&P 500 TR USD

### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 8.62 years.

Style: The fund has landed in its primary style box — Large Blend — 75 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.44 is 42.11% lower than the Large Blend category average.

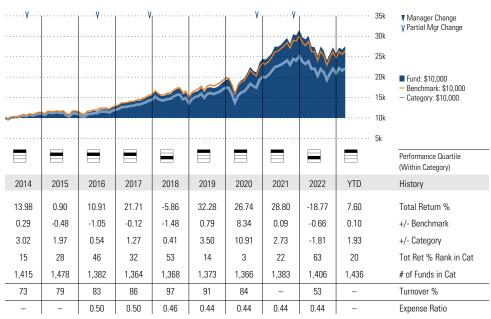
#### **Morningstar Investment Management LLC Analysis**

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

#### **ESG Metrics**

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

### Growth of \$10,000



#### **Trailing Performance**



Net Exp	ense			
4.87				► Fund Investment
4.33				Category Median
3.79				<ul> <li>Peer Group Median</li> </ul>
3.25				Quartile Rank
2.71				
2.16				
1.62				
1.08	4			
0.54			<b></b>	
0.00				
	Fund vs.	Fund	VS.	
	Category	Peer Gro	oup	
	27		28	Percentile

	410/1502	252/900	Rank		
Peer gr	oup is a subset o	f the category an	d includes fund	ls with the	
same management style (active vs. passive) and similar share class					
charact	eristics.				

# 3-Year Risk Metrics

Alpha	0.84	-	-0.27
Beta	1.02	_	0.94
R-Squared	98.40	_	94.87
Standard Deviation	19.68	19.23	18.62
Sharpe Ratio	0.96	0.92	0.88
Tracking Error	2.50	_	3.97
Information Ratio	0.49	_	-1.04
Up Capture Ratio	101.03	_	93.75
Down Capture Ratio	96.85	_	94.82

Fund

Bmark

Cat

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	21.45	19.90	18.81
Price/Book Ratio	4.28	3.64	3.46
Geom Avg Mkt Cap \$B	211.92	170.30	224.69
ROE	28.64	29.71	27.68





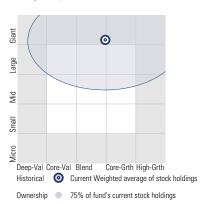
# JPMorgan US Equity R6 JUEMX

### **Morningstar Category** Large Blend

#### Morningstar Index S&P 500 TR USD

## Style Analysis as of 03-31-2023

Morningstar Style Box™



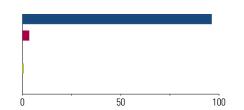
## Style Breakdown

Equity

16	34	41	Large
2	6	1	Mid
0	0	0	Small
Value	Blend	Growth	

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 03-31-2023

Total	100.00	100.00
Other	0.00	1.09
Cash	0.55	0.70
Bonds	0.00	0.44
Non-US Stocks	3.29	2.91
US Stocks	96.17	94.85
Asset Class	Net %	Cat%

	Fund	Bmark	Cat	Fund	7	Benchma	rk [] C	ategory	/ Avera	ge	
⊌ Cyclical	31.02	29.73	29.12								
Basic Materials	3.65	2.51	2.90								
Consumer Cyclical	11.61	10.46	9.75								
Financial Services	13.26	13.98	14.15								
Real Estate	2.50	2.78	2.32								
✓ Sensitive	45.82	45.90	45.39								
Communication Services	6.02	7.67	7.07								
Energy	5.26	4.80	4.31		<u> </u>						
Industrials	8.89	8.71	10.48								
Technology	25.65	24.72	23.53								
→ Defensive	23.16	24.37	25.49		_			<b></b> [			
Consumer Defensive	3.53	7.13	7.41								
Healthcare	14.80	14.42	15.41								
Utilities	4.83	2.82	2.67								

<b>Top 15 Holdings</b> as of 03-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	9.06	9.06	20.50	Technology
Apple Inc	5.61	14.67	27.09	Technology
⇒ Alphabet Inc Class A	4.07	18.75	17.57	Communication Svc
⊕ Amazon.com Inc	3.66	22.40	22.96	Consumer Cyclical
⊕ AbbVie Inc	3.40	25.80	-0.47	Healthcare
UnitedHealth Group Inc	3.33	29.14	-10.55	Healthcare
Ð NextEra Energy Inc	3.24	32.38	-7.24	Utilities
NXP Semiconductors NV	2.93	35.31	18.64	Technology
⊕ Coca-Cola Co	2.67	37.98	-1.76	Consumer Defensive
→ Prologis Inc	2.49	40.47	11.45	Real Estate
⊕ Bristol-Myers Squibb Co	2.48	42.95	-2.88	Healthcare
NVIDIA Corp	2.37	45.32	90.10	Technology
Mastercard Inc Class A	2.37	47.69	4.67	Financial Services
€ Lowe's Companies Inc	2.33	50.02	0.89	Consumer Cyclical
⊕ McDonald's Corp	2.32	52.34	6.68	Consumer Cyclical

### Total Holdings 54

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



## **Loomis Sayles Core Plus Bond N** NERNX

Morningstar Category Morningstar Index

Intermediate Core-Plus Bond Bloomberg US Agg Bond TR USD

## Portfolio Manager(s)

Peter Palfrey since 12-1996 Richard Raczkowski since 05-1999 Ian Anderson since 02-2020 Barath Sankaran since 02-2020

#### **Quantitative Screens**

Performance: The fund has finished in the Intermediate
 Core-Plus Bond category's top three quartiles in 7 of the 9
 years it's been in existence.

Management: The fund's management has been in place for 26.26 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.38 is 48.65% lower than the Intermediate Core-Plus Bond category average.

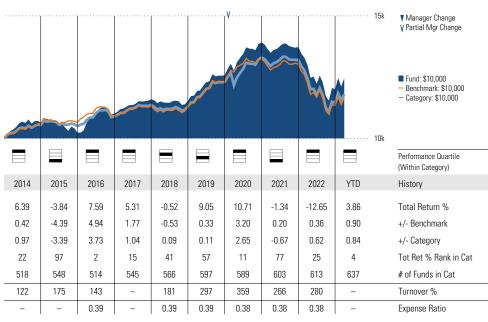
#### **Morningstar Investment Management LLC Analysis**

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

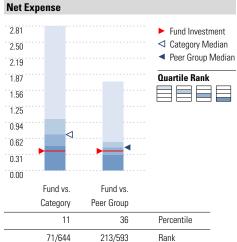
#### **ESG Metrics**

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

### Growth of \$10,000







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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	2.30	_	1.83
Beta	1.10	_	1.04
R-Squared	96.73	_	92.01
Standard Deviation	7.03	6.29	6.81
Sharpe Ratio	-0.25	-0.60	-0.30
Tracking Error	1.42	_	1.95
Information Ratio	1.38	_	0.88
Up Capture Ratio	125.25	_	117.78
Down Capture Ratio	97.48	_	95.22

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	7.09	4.43	6.17
Avg Eff Maturity	8.97	_	9.43



# Loomis Sayles Core Plus Bond N NERNX

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

Style Analysis as of 03-31-2023					
Style B	reakd	own			
Fixed Inc	come			Quality	
				High	
				Mid	
				Low	
Ltd N	Mod	Ext			
Duration					

Asset Allocati	ion as of 03-31-2023	
1		
0	50	100

100	Total	100.00	100.00
	Other	0.00	-0.16
	Cash	3.74	-1.32
	Bonds	96.27	101.48
	Non-US Stocks	0.00	0.00
	US Stocks	0.00	0.00
	Asset Class	Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	62.87	3.53	53.64
AA	2.28	74.59	4.59
A	5.69	10.82	11.78
BBB	21.58	8.32	19.70
BB	6.84	0.28	4.76
В	0.63	0.00	1.66
Below B	0.07	0.00	0.59
Not Rated	0.04	2.46	3.28

				0%	5 1	0 15	20	25	30	35	40	45
Other	0.00	-	3.31						-			
Cash & Equivalents	1.70	_	4.71		]							
Municipal	0.13	-	0.68	I[]								
Covered Bond	0.00	_	0.00									
Asset-Backed	6.04	_	11.49									
Commercial MBS	0.00	_	1.45									
Non-Agency Residential MBS	0.04	_	0.15									
Agency MBS CMO	0.11	_	1.31	1 []								
Agency MBS ARM	0.00	_	0.06									
Agency MBS Pass-Through	24.08	_	23.35			:	:					
Securitized	30.27	_	37.81									
Preferred	0.00	_	0.65									
Convertible	0.00	_	0.07	Ī								
Bank Loan	0.73	_	0.13	ju -								
Corporate Bond	23.11	_	26.56			:	:					
Corporate	23.84	_	27.41						1			
Other Government Related	15.17	_	7.32									
Agency/Quasi Agency	0.63	_	0.59	Ĭ								
Inflation – Protected	0.00	_	0.47			:		:				
Treasury	28.28	_	17.69			1	-1-i	- :		-		Π
Government	44.08	- Dillark	26.07	Tunu		Hermitark	[] Outo	gory Ave	rugo			_
	Fund	Bmark	Cat	Fund	▼ Po	nchmark	Cato	gory Ave	rago			

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Us 5yr Note (Cbt) Mar23 Xcbt 20230331	03-2023	5.90	5.90	_
⊕ Us 10yr Note (Cbt)mar23 Xcbt 20230322	03-2023	4.72	10.62	_
United States Treasury Notes 3.875%	09-2029	2.53	13.15	_
United States Treasury Bonds 2%	11-2041	2.52	15.67	_
United States Treasury Notes 2.75%	08-2032	2.42	18.09	_
United States Treasury Notes 3.125%	08-2029	2.42	20.51	_
⊕ Us 2yr Note (Cbt) Mar23 Xcbt 20230331	03-2023	2.27	22.78	_
→ Federal National Mortgage Association 2.5%	03-2062	1.76	24.54	_
United States Treasury Notes 4.5%	11-2024	1.68	26.23	_
Mexico (United Mexican States) 8.5%	05-2029	1.68	27.90	_

Total Holdings 724

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



## **Loomis Sayles Global Bond N** LSGNX

Morningstar Category Global Bond

Morningstar Index

Bloomberg GbI Agg Ex USD TR USD

#### Portfolio Manager(s)

David Rolley since 09-2000 Lynda Schweitzer since 02-2007 Scott Service since 12-2014

#### **Quantitative Screens**

Performance: The fund has finished in the Global Bond category's top three quartiles in 9 of the 9 years it's been in

Management: The fund's management has been in place for 22.59 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.65 is 26.97% lower than the Global Bond category average.

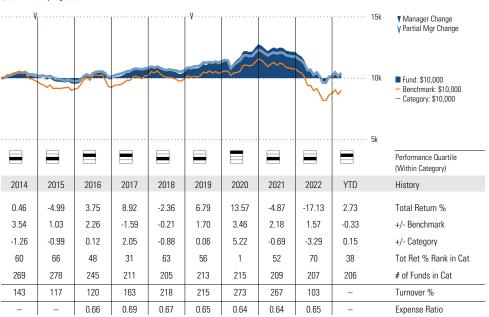
#### **Morningstar Investment Management LLC Analysis**

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**

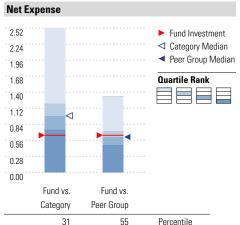
Metric	Rating	Updated
Sustainability Rating	2	03-31-2023

#### Growth of \$10,000



#### **Trailing Performance**





	65/209	84/153	Rank			
Peer grou	p is a subset of	the category an	d includes fun	ds with the		
same management style (active vs. passive) and similar share class						
character	istics					

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	2.05	_	1.73
Beta	0.92	_	0.84
R-Squared	96.10	_	86.17
Standard Deviation	9.20	9.82	8.82
Sharpe Ratio	-0.28	-0.50	-0.29
Tracking Error	1.99	_	3.80
Information Ratio	1.18	_	0.56
Up Capture Ratio	103.80	_	93.42
Down Capture Ratio	87.01	_	79.58

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.78	_	6.33
Avg Eff Maturity	8.42	_	9.74



# **Loomis Sayles Global Bond N** LSGNX

Style Analysis as of 03-31-2023
Style Breakdown
Fixed Income

Quality

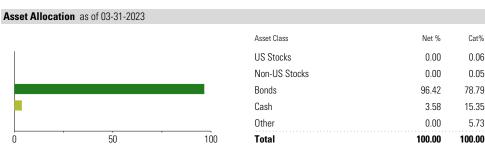
G

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Ltd Mod Ext

Duration

Fund	Bmark	Cat
43.56	_	38.20
7.67	_	8.28
18.43	_	16.74
26.04	_	21.10
4.42	_	7.41
0.00	_	2.61
0.00	_	0.60
-0.12	_	5.06
	43.56 7.67 18.43 26.04 4.42 0.00 0.00	43.56 – 7.67 – 18.43 – 26.04 – 4.42 – 0.00 – 0.00 –



**Morningstar Category** 

Global Bond

**Morningstar Index** 

Bloomberg GbI Agg Ex USD TR USD

Other	0.00	_	8.32		0									
Cash & Equivalents	3.35	_	8.42											
Municipal	0.00	_	0.12											
Covered Bond	0.00	_	0.43											
Asset-Backed	3.22	_	1.30											
Commercial MBS	0.52	_	0.59											
Non-Agency Residential MBS	0.25	_	0.60	0										
Agency MBS CMO	0.00	_	0.42											
Agency MBS ARM	0.00	_	0.02											
Agency MBS Pass-Through	10.94	_	5.15											
Securitized	14.93	-	8.51											
Preferred	0.00	_	0.02											
Convertible	0.00	_	0.17											
Bank Loan	0.00	_	0.12											
Corporate Bond	21.52	_	17.77											
Corporate	21.52	_	18.08											
Other Government Related	12.13	_	8.10											
Agency/Quasi Agency	5.20	_	3.10											
Inflation – Protected	2.04	_	2.62											
Treasury	40.82	_	42.72											
Government	60.19	_	56.54											
	Fund	Bmark	Cat	Fund	▼	Bench	mark	[] (	Cate	ory A	verag	je		

<b>Top 10 Holdings</b> as of 03-31-2023				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ 2 Year Treasury Note Future June 23	06-2023	4.27	4.27	_
⊕ Us 5yr Note (Cbt) Jun23 Xcbt 20230630	06-2023	3.90	8.17	-
Germany (Federal Republic Of) 1%	08-2024	3.55	11.72	_
Us Long Bond(Cbt) Jun23 Xcbt 20230621	06-2023	2.63	14.35	-
Germany (Federal Republic Of) 0.25%	08-2028	2.62	16.97	_
⊕ Ultra 10 Year US Treasury Note Future June 23	06-2023	2.22	19.19	_
⊕ United States Treasury Notes 0.625%	07-2032	2.18	21.37	-
⊕ Euro Bobl Future June 23	06-2023	2.06	23.43	-
Germany (Federal Republic Of) 0.01%	02-2030	1.85	25.29	-
⊕ Fixed Inc Clearing Corp.Repo	04-2023	1.74	27.02	_

Total Holdings 262



## MFS New Discovery R6 MNDKX

Morningstar Category

Small Growth

Morningstar Index

Russell 2000 Growth TR USD

#### Portfolio Manager(s)

Michael Grossman since 12-2013

#### **Quantitative Screens**

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

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

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

Net Expense: The fund's expense ratio of 0.88 is 26.05% lower than the Small Growth category average.

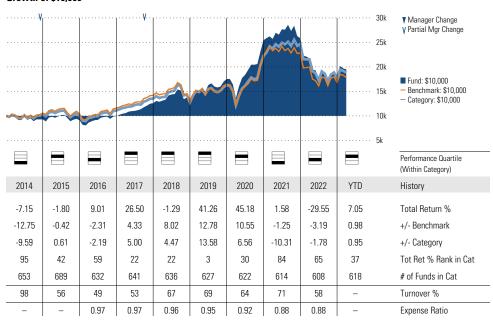
#### **Morningstar Investment Management LLC Analysis**

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

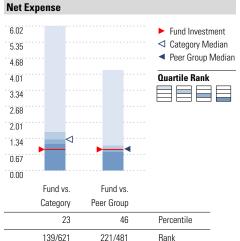
#### **ESG Metrics**

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

#### 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	0.11	_	2.48
Beta	0.95	_	0.95
R-Squared	92.43	_	90.45
Standard Deviation	23.69	24.09	24.19
Sharpe Ratio	0.57	0.59	0.67
Tracking Error	6.65	_	7.74
Information Ratio	-0.11	_	0.27
Up Capture Ratio	94.50	_	101.11
Down Capture Ratio	94.66	_	95.22

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



# MFS New Discovery R6 MNDKX

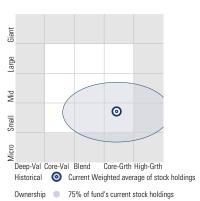
# Morningstar Category Small Growth

Morningstar Index

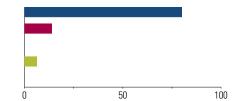
Russell 2000 Growth TR USD

## Style Analysis as of 03-31-2023

Morningstar Style Box™



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



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

<b>5e</b> 0	ctor Weighting as of 03-3	31-2023			_
		Fund	Bmark	Cat	Fund Benchmark Category Average
U-	Cyclical	25.64	23.85	25.73	
A.	Basic Materials	6.45	4.97	2.90	
<b>A</b>	Consumer Cyclical	13.84	10.67	11.57	
÷	Financial Services	3.65	6.07	8.81	
<b>fi</b>	Real Estate	1.70	2.14	2.45	
W#	Sensitive	53.79	48.20	47.39	
	Communication Services	3.13	2.29	1.73	
ð	Energy	7.61	6.82	4.47	
Ф	Industrials	15.11	17.93	17.99	
	Technology	27.94	21.16	23.20	
<b>→</b>	Defensive	20.57	27.94	26.89	
=	Consumer Defensive	4.37	4.73	4.62	
٠	Healthcare	16.20	21.46	21.24	
•	Utilities	0.00	1.75	1.03	
					0% 5 10 15 20 25 30 35 40 45 50 5

## Style Breakdown

Equity

1. 7			
0	0	0	Large
2	10	17	Mid
5	37	28	Small
Value	Blend	Growth	

Weight %

>50 25-50 10-25 0-10

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

Total Holdings 109



## Neuberger Berman Real Estate R6 NRREX

Morningstar Category Real Estate Morningstar Index

#### S&P United States REIT TR USD

#### Portfolio Manager(s)

Steve Shigekawa since 12-2005 Brian Jones since 10-2008

#### Quantitative Screens

- Performance: The fund has finished in the Real Estate category's top three quartiles in 7 of the 9 years it's been in existence.
- Management: The fund's management has been in place for 17.26 years.
- Net Expense: The fund's expense ratio of 0.75 is 28.57% lower than the Real Estate category average.

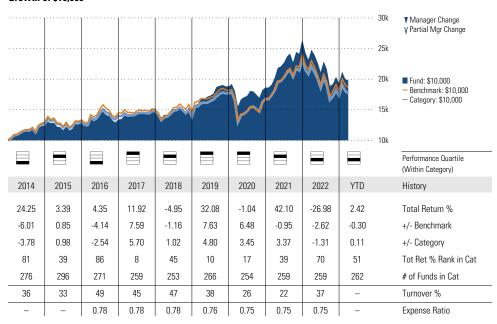
#### **Morningstar Investment Management LLC Analysis**

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

#### **ESG Metrics**

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

#### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 03-31-2023 ■ Fund Benchmark Category -10 -15 -20 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year Fund Return % 2.42 -20.12 8.45 6.93 6.64 6.72 8.91 2.72 -19.08 12.03 6.03 5.83 Benchmark Return % -19 94 10 47 4.87 2.31 5 26 Category Average % 51 55 89 14 13 % Rank in Category 262 261 237 213 156 # of Funds in Category

Net Exp	ense		
7.00			► Fund Investment
6.22			Category Median
5.44			<ul> <li>Peer Group Median</li> </ul>
4.67			Quartile Rank
3.89			
3.11			
2.33			
1.56			
0.78		••••	
0.00			
	Fund vs.	Fund vs.	
	Category	Peer Group	
	27	39	Percentile
	70/262	74/190	Rank

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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-2.79	_	-1.08
Beta	0.96	_	0.95
R-Squared	96.28	_	93.02
Standard Deviation	19.77	20.25	20.01
Sharpe Ratio	0.45	0.60	0.53
Tracking Error	3.91	_	4.83
Information Ratio	-0.92	_	-0.48
Up Capture Ratio	91.75	_	94.13
Down Capture Ratio	101.49	_	98.38

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	26.51	38.46	26.96
Price/Book Ratio	2.73	2.42	2.15
Geom Avg Mkt Cap \$B	29.63	9.35	26.33
ROE	21.57	9.56	14.69



## Neuberger Berman Real Estate R6 NRREX

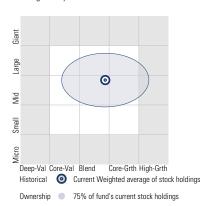
#### Morningstar Category M Real Estate SS

Morningstar Index

S&P United States REIT TR USD

## Style Analysis as of 03-31-2023

Morningstar Style Box™



## Style Breakdown

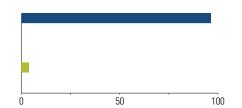
Equity

0	29	10	Large
11	36	8	Mid
0	4	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 03-31-2023

Total	100.00	100.00
Other	0.00	11.80
Cash	3.69	1.08
Bonds	0.00	3.50
Non-US Stocks	0.00	1.12
US Stocks	96.31	82.50
Asset Class	Net %	Cat%

	Fund	Bmark	Cat	Fund	<ul> <li>Benchmark</li> </ul>	Category Average
Cyclical	100.00	99.13	99.26			
Basic Materials	0.00	0.00	0.04	İ		
Consumer Cyclical	0.00	0.13	1.31	i)		
Financial Services	0.00	0.00	0.31	İ		
Real Estate	100.00	99.00	97.60			
Sensitive	0.00	0.87	0.67	O i		
Communication Services	0.00	0.00	0.20	İ		
Energy	0.00	0.00	0.04	ď, i i		
Industrials	0.00	0.87	0.24	<u> </u>		
Technology	0.00	0.00	0.19	İ		
Defensive	0.00	0.00	0.07	Ó		
Consumer Defensive	0.00	0.00	0.00	j		
Healthcare	0.00	0.00	0.01	İ		
Utilities	0.00	0.00	0.06	Ĭ.		

<b>Top 15 Holdings</b> as of 03-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
<ul><li></li></ul>	8.59	8.59	-3.55	Real Estate
	8.01	16.60	11.45	Real Estate
Public Storage	7.46	24.06	8.90	Real Estate
① Crown Castle Inc	6.63	30.68	-0.17	Real Estate
Realty Income Corp	5.63	36.31	1.02	Real Estate
	4.18	40.50	10.30	Real Estate
① VICI Properties Inc Ordinary Shares	3.92	44.42	1.88	Real Estate
⊕ Ssc Government Mm Gvmxx	3.69	48.11	_	-
☐ Iron Mountain Inc	3.39	51.50	7.38	Real Estate
Apartment Income REIT Corp Class A	3.15	54.65	5.68	Real Estate
Simon Property Group Inc	3.14	57.79	-3.16	Real Estate
⊕ Essex Property Trust Inc     ■	2.87	60.66	-0.22	Real Estate
Equity Lifestyle Properties Inc	2.86	63.53	4.61	Real Estate
	2.79	66.32	11.80	Real Estate
① Kimco Realty Corp	2.79	69.11	-6.70	Real Estate

#### Total Holdings 32



## PIMCO Commodity Real Ret Strat Instl PCRIX

Morningstar Category Commodities Broad Basket Morningstar Index

Bloomberg Commodity TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

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

Style Consistency is not calculated for Fixed Income funds.

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

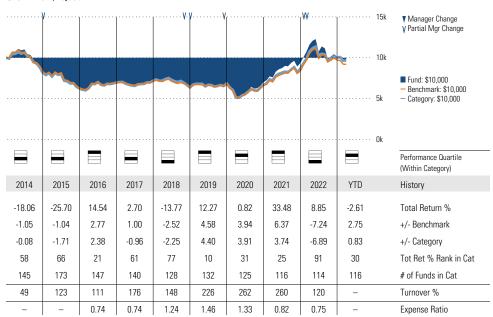
#### **Morningstar Investment Management LLC Analysis**

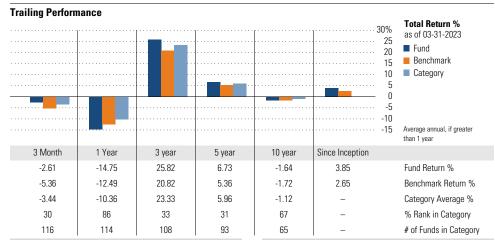
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

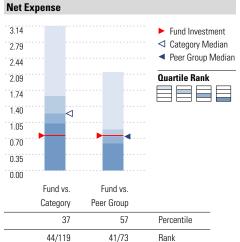
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	12-31-2022

#### Growth of \$10,000







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

Rank

3-Year RISK Wietrics			
	Fund	Bmark	Cat
Alpha	1.57	_	3.14
Beta	1.12	_	0.97
R-Squared	94.99	-	82.42
Standard Deviation	18.27	15.88	17.28
Sharpe Ratio	1.26	1.19	1.26
Tracking Error	4.52	-	6.83
Information Ratio	0.96	-	0.37
Up Capture Ratio	113.44	-	102.74
Down Capture Ratio	105.65	-	90.61

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

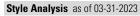


## PIMCO Commodity Real Ret Strat Instl PCRIX

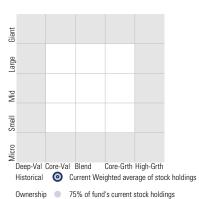
## **Morningstar Category**Commodities Broad Basket Bloor

Morningstar Index

Bloomberg Commodity TR USD



Morningstar Style Box™



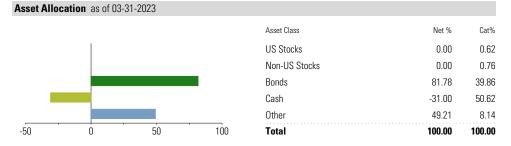
**Style Breakdown** Equity



value Dienu

Weight %

>50 25-50 10-25 0-10



		Fund	Bmark	Cat	Func	ł	▼ Be	nchma	ark [	Cate	jory Av	/erage		
Դ	Cyclical	-	-	44.68										
A	Basic Materials	-	_	44.68										
<u> </u>	Consumer Cyclical	_	_	0.00	Ď									
œ.	Financial Services	_	_	0.00	0									
俞	Real Estate	_	_	0.00	ĺ									
W	Sensitive	-	-	51.07										
	Communication Services	_	_	0.00										
•	Energy	-	_	48.94										
Ф	Industrials	_	_	2.13										
	Technology	_	_	0.00										
<b>-</b>	Defensive	-	-	4.26										
Ħ	Consumer Defensive	_	_	4.26										
+	Healthcare	_	_	0.00										
•	Utilities	_	_	0.00	ĺ									

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

**Total Holdings 874** 



## Vanguard 500 Index Admiral VFIAX

Growth of \$10,000

2.43

20

1,478

3

1.56

27

1,382

4

0.04

2.68

18

1,415

3

## Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

#### Portfolio Manager(s)

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

#### Quantitative Screens

- Performance: The fund has finished in the Large Blend category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 6.93 years.
- Net Expense: The fund's expense ratio of 0.04 is 94.74% lower than the Large Blend category average.

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

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

#### **ESG Metrics**

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

#### ▼ Manager Change V Partial Mgr Change 30k Fund: \$10,000 Benchmark: \$10,000 15k - Category: \$10,000 10k Performance Quartile (Within Category) 2014 2015 2016 2017 2018 2019 2020 2021 2022 YTD History 13.64 1.36 11.93 21.79 -4.43 31.46 18.37 28.66 -18.15 7.49 Total Return % -0.02 -0.05 -0.01 -0.05 -0.03 -0.04 -0.03 -0.03 -0.05 -0.04 +/- Benchmark

2.54

38

1,366

4

0.04

2.59

23

1,383

2

0.04

-1.19

52

1,406

2

0.04

1.82

23

1,436

+/- Category

Turnover %

Expense Ratio

Tot Ret % Rank in Cat

# of Funds in Cat

1.84

27

1,368

4

0.04

2.68

24

1,373

4

0.04

1.35

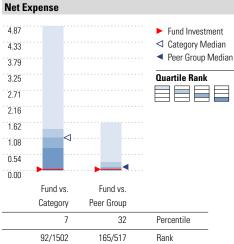
29

1,364

3

0.04





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	-0.04	_	-0.27
Beta	1.00	_	0.94
R-Squared	100.00	_	94.87
Standard Deviation	19.23	19.23	18.62
Sharpe Ratio	0.92	0.92	0.88
Tracking Error	0.01	_	3.97
Information Ratio	-4.38	_	-1.04
Up Capture Ratio	99.95	_	93.75
Down Capture Ratio	100.07	_	94.82

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

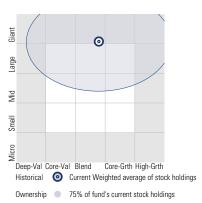


## Vanguard 500 Index Admiral VFIAX

#### **Morningstar Category** Morningstar Index Large Blend S&P 500 TR USD

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

Morningstar Style Box™



#### Style Breakdown

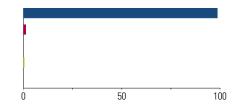
Equity

	17	31	36	Large
İ	5	8	3	Mid
İ	0	0	0	Small
,	Value	Blend	Growth	

Weight %

>50 25-50 10-25 0-10

## Asset Allocation as of 03-31-2023



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

Sec	ctor Weighting as of 03-3	31-2023			
		Fund	Bmark	Cat	Fund Benchmark Category Average
<sub>Մ</sub>	Cyclical	27.86	29.73	29.12	
A	Basic Materials	2.39	2.51	2.90	
A	Consumer Cyclical	10.42	10.46	9.75	
ı <del>, j</del>	Financial Services	12.42	13.98	14.15	
侖	Real Estate	2.63	2.78	2.32	
W	Sensitive	47.82	45.90	45.39	<u> </u>
	Communication Services	8.11	7.67	7.07	
•	Energy	4.61	4.80	4.31	
Ф	Industrials	8.42	8.71	10.48	
	Technology	26.68	24.72	23.53	
<b>→</b>	Defensive	24.32	24.37	25.49	
Ħ	Consumer Defensive	7.17	7.13	7.41	
+	Healthcare	14.28	14.42	15.41	
•	Utilities	2.87	2.82	2.67	
					0% 5 10 15 20 25 30 35 40 45 50

#### Top 15 Holdings as of 03-31-2023 Cumulative % YTD Return % Name % Net Asset Morningstar Sector Apple Inc 7.12 7.12 27.09 Technology Microsoft Corp 6.23 13.36 20.50 Technology Amazon.com Inc 2.68 16.03 22.96 Consumer Cyclical → NVIDIA Corp 1.99 18.02 90.10 Technology ① Alphabet Inc Class A 19.81 17.57 1.79 Communication Svc ① Tesla Inc 1.62 21.43 68.42 Consumer Cyclical Berkshire Hathaway Inc Class B 1.62 23.05 -0.04 Financial Services 1.57 24.62 17.21 Communication Svc Meta Platforms Inc Class A 1.37 25.99 76.12 Communication Svc Exxon Mobil Corp 1.31 27.30 0.24 Energy ① UnitedHealth Group Inc 1.28 28.58 -10.55 Healthcare Johnson & Johnson 1.18 29.76 -11.62 Healthcare ① JPMorgan Chase & Co 1.11 30.87 -2.08 Financial Services O Visa Inc Class A 1.06 31.93 8.74 Financial Services Procter & Gamble Co 1.02 32.95 -1.29 Consumer Defensive

Total Holdings 509



## Vanguard High-Yield Corporate Adm VWEAX

Morningstar Category High Yield Bond Morningstar Index

ICE BofA US High Yield TR USD

#### Portfolio Manager(s)

Michael Hong since 02-2008 Elizabeth Shortsleeve since 08-2022 Michael Chang since 08-2022

#### **Quantitative Screens**

Q Performance: The fund has finished in the High Yield
 Bond 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 15.13 years.

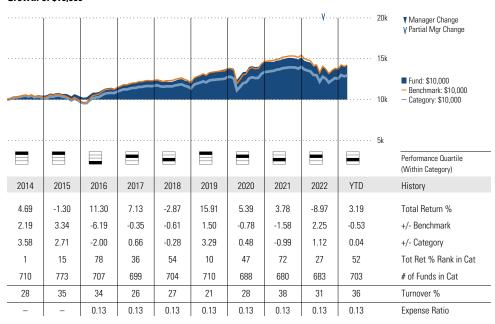
Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.13 is 85.39% lower than the High Yield Bond category average.

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

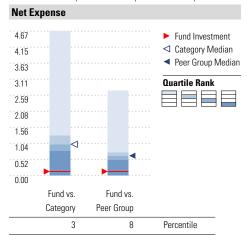
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

#### Growth of \$10,000



## Trailing Performance





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

37/467

Rank

3-Year hisk wetrics			
	Fund	Bmark	Cat
Alpha	-0.75	_	0.30
Beta	0.94	-	0.91
R-Squared	97.57	-	93.70
Standard Deviation	8.64	9.03	8.44
Sharpe Ratio	0.45	0.54	0.57
Tracking Error	1.44	-	2.13
Information Ratio	-0.77	-	-0.25
Up Capture Ratio	90.71	-	91.72
Down Capture Ratio	96.81	-	89.03

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	3.92	_	3.56
Avg Eff Maturity	5.60	_	5.66



16/711

## Vanguard High-Yield Corporate Adm VWEAX

**Morningstar Category** Morningstar Index High Yield Bond

ICE BofA US High Yield TR USD

Style Analysis	as of 03-31-2023
Style Breakdown	1
Fixed Income	Quality
	High
	Mid
	Low
Ltd Mod Ext Duration	

0	50	100

Asset Allocation as of 03-31-2023

Asset Class	Net %	Cat%
US Stocks	0.00	0.57
Non-US Stocks	0.00	0.04
Bonds	95.78	93.07
Cash	4.22	4.76
Other	0.00	1.55
Total	100.00	100.00

Credit Rating Breakdown	Fund	Bmark	Cat
•		Dillark	
AAA	5.64	_	1.64
AA	2.19	_	0.06
A	0.10	_	0.16
BBB	5.90	_	5.35
BB	48.74	_	34.12
В	34.40	_	37.25
Below B	2.86	_	17.94
Not Rated	0.17	_	3.49

	Fund	Bmark	Cat	Fund	•	Ber	nchr	nark	Са	iteg	ory	Ave	rage	9		
Government	5.74	_	2.03													
Treasury	5.74	_	1.47													
Inflation – Protected	0.00	_	0.01	j i i												
Agency/Quasi Agency	0.00	_	0.11	0												
Other Government Related	0.00	_	0.44													
Corporate	90.51	-	87.74													0
Corporate Bond	87.46	_	85.94													į
Bank Loan	3.05	_	1.26	0												
Convertible	0.00	_	0.45													
Preferred	0.00	_	0.09													
Securitized	0.09	-	1.39	10												
Agency MBS Pass-Through	0.00	_	0.03													
Agency MBS ARM	0.00	_	0.00													
Agency MBS CMO	0.00	_	0.07													
Non-Agency Residential MBS	0.00	_	0.15													
Commercial MBS	0.00	_	0.08													
Asset-Backed	0.09	_	1.06	0												
Covered Bond	0.00	_	0.00													
Municipal	0.00	-	0.03	0												
Cash & Equivalents	3.57	-	5.61													
Other	0.09	_	3.22	i []												

Top 10 Holdings as of 03-31-2023 Name Maturity Date % Net Asset Cumulative % Fixed Income Sector United States Treasury Notes 1.12 1.12 Imola Merger Corp. 0.93 2.05 ⊕ Herc Holdings Inc 0.77 2.83 ① Credit Agricole Triparty Tsy 0.77 3.59 United States Treasury Notes 0.74 4.33 Mozart Debt Merger Subordinated Inc. 0.69 5.03 ① T-Mobile US Inc 0.68 5.71 ☐ Td Triparty Mortgage 0.68 6.39 ① United States Treasury Notes 0.68 7.07 United States Treasury Bills 0.67 7.74

Total Holdings 793



## Vanguard Inflation-Protected Secs Adm VAIPX

Morningstar Category
Inflation-Protected Bond

**Morningstar Index**Bloomberg US Treasury US TIPS TR
USD

#### Portfolio Manager(s)

John Madziyire since 11-2021

#### **Quantitative Screens**

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

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

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.1 is 82.76% lower than the Inflation-Protected Bond category average.

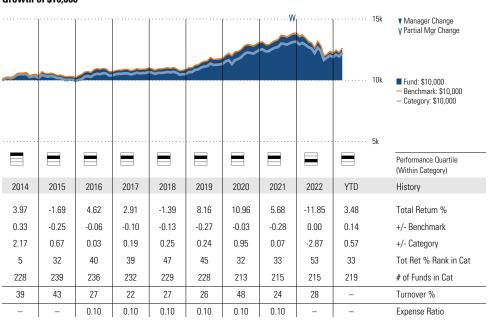
#### **Morningstar Investment Management LLC Analysis**

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

#### **ESG Metrics**

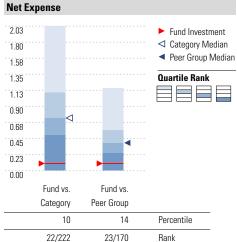
Metric	Rating	Updated
Sustainability Rating	3	03-31-2023

#### Growth of \$10,000



#### **Trailing Performance**





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

3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	-0.06	_	0.93
Beta	0.99	_	0.90
R-Squared	99.65	_	92.97
Standard Deviation	7.02	7.10	6.63
Sharpe Ratio	0.11	0.12	0.29
Tracking Error	0.43	_	2.03
Information Ratio	-0.20	_	0.14
Up Capture Ratio	98.51	_	94.57
Down Capture Ratio	99.21	_	84.84

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.86	4.52	6.46
Avg Eff Maturity	7.50	-	6.93



Duration

## Vanguard Inflation-Protected Secs Adm VAIPX

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

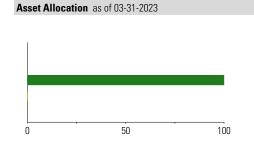
Style Analysis as of 03-31-2023
Style Breakdown
Fixed Income

Quality

High

Aid

Ltd Mod Ext



Total	100.00	100.00
Other	0.00	0.29
Cash	0.06	3.10
Bonds	99.94	96.60
Non-US Stocks	0.00	0.00
US Stocks	0.00	0.00
Asset Class	Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	99.14	0.00	97.23
AA	0.00	99.60	0.21
A	0.00	0.00	0.52
BBB	0.00	0.00	0.98
BB	0.00	0.00	0.12
В	0.00	0.00	0.04
Below B	0.00	0.00	0.01
Not Rated	0.86	0.40	0.89

	Fund	Bmark	Cat	Fund	▼ Benchmar	L Coton	ory Average		
		втагк		Funa	• Benchmar	K [] Categ	ory Average	,	
Government	99.91	-	90.66		1 1 1	: : : :	1 1 1		
Treasury	0.00	_	1.23	0					
Inflation - Protected	99.91	_	85.35						
Agency/Quasi Agency	0.00	-	0.09						
Other Government Related	0.00	_	3.99	1 0					
Corporate	0.00	-	1.97	10					
Corporate Bond	0.00	_	1.91	10					
Bank Loan	0.00	_	0.06						
Convertible	0.00	_	0.00						
Preferred	0.00	_	0.00						
Securitized	0.00	-	4.09	1 0					
Agency MBS Pass-Through	0.00	_	0.71	0					
Agency MBS ARM	0.00	_	0.00						
Agency MBS CMO	0.00	_	0.40						
Non-Agency Residential MBS	0.00	_	0.44						
Commercial MBS	0.00	_	0.51						
Asset-Backed	0.00	_	1.95	1[					
Covered Bond	0.00	_	0.08						
Municipal	0.00	_	0.04						
Cash & Equivalents	0.09	_	3.22	10					
Other	0.00	_	0.03						

Top 10 Holdings as of 03-31-2023 Name Maturity Date % Net Asset Cumulative % Fixed Income Sector 3.91 ① United States Treasury Notes 3.91 United States Treasury Notes 3.60 7.51 ① United States Treasury Notes 3.54 11.04 United States Treasury Notes 3.33 14.38 United States Treasury Notes 3.25 17.62 ① United States Treasury Notes 3.15 20.77 United States Treasury Notes 3.13 23.91 United States Treasury Notes 3.01 26.91 United States Treasury Notes 3.00 29.92 United States Treasury Notes 2.98 32.89

Total Holdings 50



## Vanguard International Growth Adm VWILX

Morningstar Category Foreign Large Growth Morningstar Index MSCI EAFE NR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

- Performance: The fund has finished in the Foreign Large Growth category's top three quartiles in 8 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 13.26 years.
- ◆ Net Expense: The fund's expense ratio of 0.34 is 67.62% lower than the Foreign Large Growth category average.

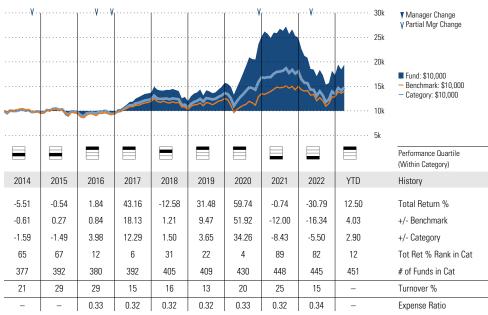
#### **Morningstar Investment Management LLC Analysis**

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

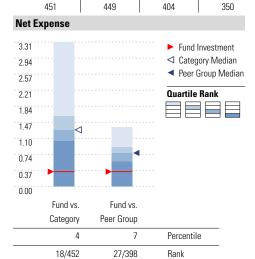
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022

## Growth of \$10,000



#### **Trailing Performance Total Return %** as of 03-31-2023 Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year Fund Return % 12.50 -6.81 13.48 6.54 8.79 7.63 8.47 -1.38 12.99 3.52 5.00 8.35 Benchmark Return % 9 60 10.63 5 78 -5 62 3 93 Category Average % 12 67 12 13 5 % Rank in Category 235 # of Funds in Category



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

3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	-0.88	_	-2.31
Beta	1.20	_	1.04
R-Squared	74.87	_	83.47
Standard Deviation	25.16	18.16	20.74
Sharpe Ratio	0.58	0.70	0.53
Tracking Error	13.12	_	8.56
Information Ratio	0.04	_	-0.29
Up Capture Ratio	110.55	_	101.98
Down Capture Ratio	114.34	_	114.93

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.37	13.67	19.87
Price/Book Ratio	3.52	1.68	3.08
Geom Avg Mkt Cap \$B	58.21	45.57	55.43
ROE	16.22	17.90	20.63



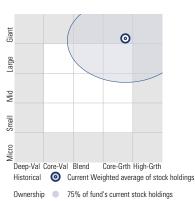
# Vanguard International Growth Adm VWILX

#### **Morningstar Category** Foreign Large Growth

**Morningstar Index** MSCI EAFE NR USD

Style Analysis as of 03-31-2023

Morningstar Style Box™



## Style Breakdown

Equity

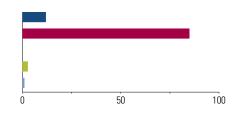
6	26	51	Large
2	4	10	Mid
0	0	1	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

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



Total	100.00	100.00
Other	0.84	0.61
Cash	2.57	1.90
Bonds	0.00	0.02
Non-US Stocks	84.82	91.07
US Stocks	11.76	6.40
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	1	Bench	mark	Cateo	ory Ave	erage		_	
<b>Դ</b>	Cyclical	35.07	40.60	36.17		•								
A.	Basic Materials	0.45	7.74	6.42	1	0	· .							
<b>A</b>	Consumer Cyclical	25.54	10.93	13.68										
ê	Financial Services	9.08	19.19	15.55					7					
<b>fi</b>	Real Estate	0.00	2.74	0.52	[]	'								
W	Sensitive	42.32	33.42	39.45										
	Communication Services	7.54	4.52	3.52										
ð	Energy	1.53	5.00	3.86										
¢	Industrials	11.35	15.60	16.85		- :	•	[ ]						
	Technology	21.90	8.30	15.22										
<b>→</b>	Defensive	22.61	25.98	24.38						I []				
Ħ	Consumer Defensive	5.09	9.99	8.95										
+	Healthcare	16.66	12.89	14.58										
•	Utilities	0.86	3.10	0.85		7								
					0%	5	10	15	20	25	30	35	40	45

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



	Fund %	Cat %
Greater Asia	28.07	27.53
Japan	7.03	11.13
Australasia	0.90	1.73
Asia-4 Tigers	7.52	6.47
Asia-ex 4 Tigers	12.62	8.20
Not Classified	0.00	0.00

Americas	Fund % 20.10	Cat % 14.23	Greater Europe	Fund % 51.82	Cat % 58.24	Market Ma
North America	13.35	12.15	United Kingdom	5.92	12.57	Developed
Central/Latin	6.75	2.08	W euro-ex UK	44.63	45.01	Emerging N
			Emrgng Europe	0.00	0.02	Not Availa
			Africa	1.27	0.64	

Market Maturity	Fund %
Developed Markets	80.63
Emerging Markets	19.37
Not Available	0.00

<b>Top 10 Holdings</b> as of 03-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	5.45	5.45	55.75	Consumer Cyclical
	5.26	10.71	24.37	Technology
⊕ Adyen NV	3.77	14.49	13.26	Technology
□ Tencent Holdings Ltd	3.30	17.79	19.46	Communication Svc
Moderna Inc	3.16	20.95	-14.50	Healthcare
	3.09	24.04	19.45	Technology
⊖ Kering SA	3.08	27.12	27.13	Consumer Cyclical
	2.72	29.84	69.25	Communication Svc
Genmab A/S	2.03	31.87	-11.97	Healthcare
○ Vestas Wind Systems A/S	1.90	33.77	-1.53	Industrials

#### Total Holdings 154

## Vanguard International Value Inv VTRIX

**Morningstar Category** Foreign Large Value

Morningstar Index MSCI EAFE NR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

- Performance: The fund has finished in the Foreign Large Value category's top three quartiles in 8 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 12.85 years.
- × Style: The fund has landed in its primary style box Large Value — 58.33 % of the time over the past three
- Net Expense: The fund's expense ratio of 0.38 is 61.62% lower than the Foreign Large Value category average.

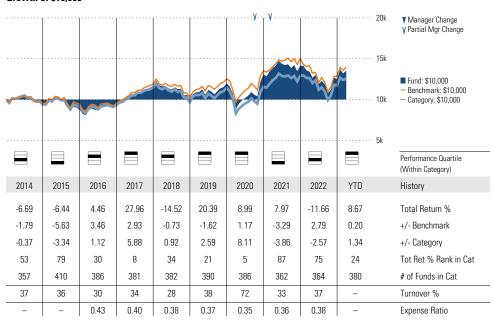
#### **Morningstar Investment Management LLC Analysis**

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

#### **ESG Metrics**

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

#### Growth of \$10,000





			,			
pense						
				▶ F	und Inves	tment
				$\triangleleft$ 0	ategory N	1edian
				<b>⋖</b> P	eer Group	Median
				Qua	rtile Ran	(
	⊲					
			◀			
•		··· <mark>&gt;</mark>				
Fund v	s.	Fund	VS.			
Catego	ry	Peer Gro	up			
	7		10	Perc	entile	_
	Fund v	Fund vs. Category	Fund vs. Fund Category Peer Gro	Fund vs. Fund vs. Category Peer Group	Fund vs. Fund vs. Category Peer Group	Fund Invest Category N Peer Group  Quartile Ranl  Fund vs. Fund vs. Category Peer Group

	27/381	29/299	Rank	
Peer grou	p is a subset of th	ne category ar	nd includes fun	ds with the
same ma	nagement style (a	ctive vs. pass	ive) and simila	r share class
character	istics			

3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	1.97	_	2.09
Beta	1.02	_	0.99
R-Squared	91.94	_	88.72
Standard Deviation	19.28	18.16	19.08
Sharpe Ratio	0.77	0.70	0.76
Tracking Error	5.48	-	6.57
Information Ratio	0.42	-	0.28
Up Capture Ratio	103.03	-	101.20
Down Capture Ratio	94.25	_	92.76

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



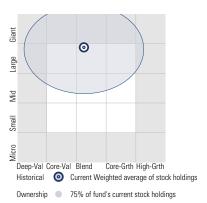
# Vanguard International Value Inv VTRIX

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

## Morningstar Index

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

Morningstar Style Box™



#### Style Breakdown

Equity

21	37	19	Large
5	8	5	Mid
1	1	1	Small

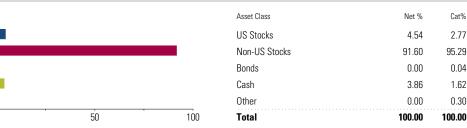
Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 03-31-2023



Sec	ctor Weighting as of 03-3	31-2023			
		Fund	Bmark	Cat	Fund Benchmark Category Average
<u></u>	Cyclical	43.49	40.60	43.55	,
A	Basic Materials	11.02	7.74	8.86	
A	Consumer Cyclical	17.50	10.93	10.64	
<del>,</del>	Financial Services	14.27	19.19	22.49	
命	Real Estate	0.70	2.74	1.56	••••••••••••••••••••••••••••••••••••••
W	Sensitive	40.42	33.42	34.78	
	Communication Services	5.68	4.52	5.99	
0	Energy	5.96	5.00	7.70	
Ф	Industrials	18.88	15.60	14.64	
	Technology	9.90	8.30	6.45	
<b>→</b>	Defensive	16.09	25.98	21.69	
Ħ	Consumer Defensive	6.31	9.99	7.97	
٠	Healthcare	7.25	12.89	10.05	
•	Utilities	2.53	3.10	3.67	
					0% 5 10 15 20 25 30 35 40 4

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



Greater Asia	Fund % 39.94	Cat % 31.16	
Japan	11.28	16.96	
Australasia	0.77	3.94	
Asia-4 Tigers	12.57	7.35	
Asia-ex 4 Tigers	15.32	2.91	
Not Classified	0.00	0.00	

Americas	Fund % 10.39	Cat % 8.54	Greater Europe	Fund % 49.67	Cat % 60.30	Market Maturity	Fund %
North America	6.80	7.45	United Kingdom	15.78	17.60	Developed Markets	80.64
Central/Latin	3.59	1.09	W euro-ex UK	33.34	42.05	Emerging Markets	19.36
			Emrgng Europe	0.00	0.12	Not Available	0.00
			Africa	0.55	0.53		

<b>Top 10 Holdings</b> as of 03-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	2.57	2.57	_	_
⊕ Alibaba Group Holding Ltd Ordinary Shares	2.25	4.82	12.75	Consumer Cyclical
⊕ HSBC Holdings PLC	1.94	6.76	10.32	Financial Services
Airbus SE	1.64	8.40	11.04	Industrials
BP PLC	1.62	10.02	8.73	Energy
─ Holcim Ltd	1.57	11.59	23.02	Basic Materials
AIA Group Ltd	1.56	13.15	-4.78	Financial Services
RELX PLC	1.25	14.40	14.42	Industrials
Tencent Holdings Ltd	1.22	15.61	19.46	Communication Svc
Baidu Inc ADR	1.19	16.81	31.95	Communication Svc

#### Total Holdings 211



## Vanguard LifeStrategy Cnsrv Gr Inv VSCGX

**Morningstar Category** Moderately Conservative Morningstar Index

Morningstar US Mod Con Tgt Alloc NR USD

Allocation

#### Portfolio Manager(s)

Walter Nejman since 02-2022 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Díaz since 02-2023

#### **Quantitative Screens**

Performance: The fund has finished in the Allocation--30% to 50% Equity category's top three quartiles in 8 of the 10 years it's been in existence.

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

Net Expense: The fund's expense ratio of 0.12 is 87.1% lower than the Allocation--30% to 50% Equity category average.

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

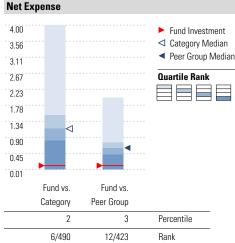
Although this fund technically fails the manager tenure screen due to changes in how the portfolio management team is listed, in fact the same team that oversees the strategy remains in place.

#### **ESG Metrics**

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

#### Growth of \$10,000 ▼ Manager Change V Partial Mgr Change 15k ■ Fund: \$10,000 Benchmark: \$10,000 - Category: \$10,000 Performance Quartile (Within Category) 2016 2014 2015 2017 2018 2019 2020 2021 2022 YTD History 6.95 -0.17 5.96 10.92 -2.95 15.68 11.51 6.05 -14.99 4.80 Total Return % 0.40 -0.62 0.19 0.41 -0.54 -0.21 0.00 -1.14 -0.93 0.28 +/- Benchmark 2.93 2.15 -0.66 1.06 2.09 0.87 2.65 -2.19 -1.68 1.30 +/- Category 12 30 14 78 9 Tot Ret % Rank in Cat 9 54 36 27 85 514 563 531 511 524 507 475 481 481 481 # of Funds in Cat 15 16 9 6 11 9 23 5 21 Turnover % Expense Ratio

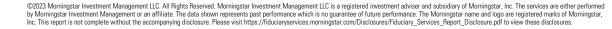




Peer group is a subset of the category and includes funds with the
same management style (active vs. passive) and similar share class
characteristics

	Fund	Bmark	Cat
Alpha	-0.56	-	0.92
Beta	1.02	-	0.98
R-Squared	99.29	-	93.79
Standard Deviation	10.13	9.91	10.00
Sharpe Ratio	0.38	0.44	0.51
Tracking Error	0.87	-	2.52
Information Ratio	-0.57	-	0.29
Up Capture Ratio	100.07	-	102.12
Down Capture Ratio	104.19	-	96.35

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.43	16.72	16.86
Price/Book Ratio	2.22	2.58	2.71
Avg Eff Duration	6.79	-	4.90



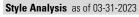


## Vanguard LifeStrategy Cnsrv Gr Inv VSCGX

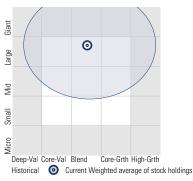
Morningstar Category Moderately Conservative **Morningstar Index** 

Allocation

Morningstar US Mod Con Tgt Alloc NR



Morningstar Style Box™



Fixed Income

Ltd

Mod Duration

Quality

High

Mid

Low

Ownership 75% of fund's current stock holdings

#### Style Breakdown

Equity 19 25

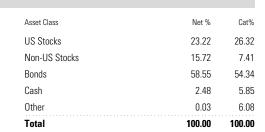






# 100

Asset Allocation as of 03-31-2023



		Fund	Bmark	Cat	Fun	ı b	Bench	nmark	Cate	gory Ave	erage		
<b>Ն</b>	Cyclical	35.77	34.28	34.51									
A.	Basic Materials	5.00	4.34	4.21									
A	Consumer Cyclical	10.89	10.89	8.96									
æ	Financial Services	16.43	15.71	14.75									
<b>fi</b>	Real Estate	3.45	3.34	6.59		i [							_
W	Sensitive	42.16	42.97	39.68									ď
	Communication Services	6.49	6.50	5.70									
ð	Energy	5.05	5.07	5.96									
¢	Industrials	11.61	11.14	10.45									
	Technology	19.01	20.26	17.57						_			
<b>—</b>	Defensive	22.08	22.75	25.82									
Ħ	Consumer Defensive	7.06	7.13	7.63			0						
+	Healthcare	12.21	12.78	14.33		_ :		[					
•	Utilities	2.81	2.84	3.86		i II							

<b>Top 6 Holdings</b> as of 03-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
O Vanguard Total Bond Market II ldx Inv	_	41.18	41.18	_	_
○ Vanguard Total Stock Mkt Idx Inv	-	23.56	64.73	_	_
─ Vanguard Total Intl Bd II Idx Investor	_	18.11	82.84	_	_
─ Vanguard Total Intl Stock Index Inv	_	16.06	98.90	_	_
⊕ Mktliq 12/31/2049	-	1.11	100.02	-	_
① Us Dollar	_	0.02	100.03	_	-

Total Holdings 6



## Vanguard LifeStrategy Growth Inv VASGX

Morningstar Category Moderately Aggressive

Morningstar Index

Morningstar US Mod Agg Tgt Alloc NR

#### Portfolio Manager(s)

Walter Nejman since 02-2022 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Díaz since 02-2023

#### **Quantitative Screens**

Performance: The fund has finished in the 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 team has been in place for less than three years.

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

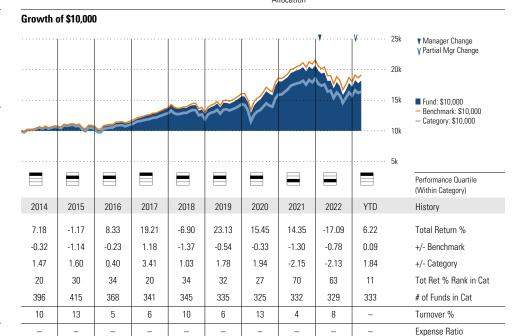
Net Expense: The fund's expense ratio of 0.14 is 85.86% lower than the Allocation--70% to 85% Equity category average.

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

Although this fund technically fails the manager tenure screen due to changes in how the portfolio management team is listed, in fact the same team that oversees the strategy remains in place.

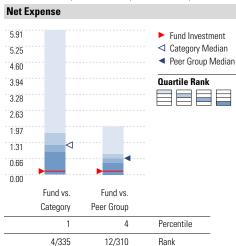
#### **ESG Metrics**

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





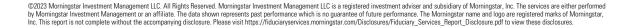
3-Year Risk Metrics



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	-0.48	-	0.23
Beta	1.02	-	0.98
R-Squared	99.35	-	94.29
Standard Deviation	15.48	15.16	15.26
Sharpe Ratio	0.74	0.78	0.77
Tracking Error	1.27	-	3.35
Information Ratio	-0.26	-	-0.08
Up Capture Ratio	100.80	_	98.29
Down Capture Ratio	103.09	_	97.68

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.44	16.66	16.20
Price/Book Ratio	2.23	2.58	2.46
Avg Eff Duration	6.80	_	6.16





## Vanguard LifeStrategy Growth Inv VASGX

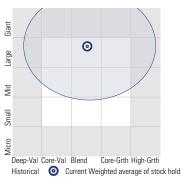
Morningstar Category Moderately Aggressive

**Morningstar Index** 

Morningstar US Mod Agg Tgt Alloc NR

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

Morningstar Style Box™



# Sector Weighting as of 03-31-2023

Asset Allocation as of 03-31-2023

	30		100.00	. 30.00
0	50	Total	100.00	100.00
		Other	0.04	5.42
		Cash	2.59	5.34
		Bonds	18.58	15.47
		Non-US Stocks	31.66	18.18
		US Stocks	47.13	55.60
		Asset Class	Net %	Cat%

Allocation

#### Cat Fund Fund Bmark Դ Historical O Current Weighted average of stock holdings Cyclical 35.76 34.35 34.81 A Basic Materials 4.99 4.36 4.83 Ownership 75% of fund's current stock holdings Consumer Cyclical 10.89 10.91 10.51 Financial Services 16.43 15.74 16.01 侖 Real Estate 3 45 3.34 3 46 Style Breakdown Fixed Income Equity Quality Large High **Communication Services** 6.49 6.53 7.48 19 25 • Energy 5.04 5.06 5.18 Μd Mid5 7 9 Ф Industrials 11.59 11.10 11.35 Low Technology 19.04 20.29 18.48 3 3 2 Defensive 22.07 22.67 22.72 Value Blend Growth Ltd Mod Consumer Defensive 7.04 7.11 6.64 Duration Healthcare 12.22 12.72 13.20 Utilities 2.81 2.84 2.88 >50 25-50 10-25 0-10 10 15 20 25 30 40 45

<b>Top 6 Holdings</b> as of 03-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
① Vanguard Total Stock Mkt ldx Inv	_	47.81	47.81	_	_
○ Vanguard Total Intl Stock Index Inv	_	32.36	80.17	_	-
Vanguard Total Bond Market II ldx Inv	_	13.06	93.23	-	_
	_	5.75	98.98	_	_
① Mktliq 12/31/2049	_	1.02	100.00	-	-
<ul><li>⊖ Us Dollar</li></ul>	-	0.00	100.01	-	-

#### Total Holdings 6



## Vanguard LifeStrategy Income Inv VASIX

Morningstar Category
Conservative Allocation

Morningstar Index Morningstar US Con Tgt Alloc NR USD

## Portfolio Manager(s)

Walter Nejman since 02-2022 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Díaz since 02-2023

#### **Quantitative Screens**

- Performance: The fund has finished in the 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 team has been in place for less than three years.
- Net Expense: The fund's expense ratio of 0.11 is
   88.89% lower than the Allocation--15% to 30% Equity
   category average.

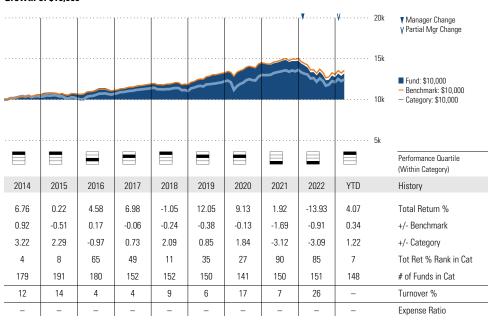
#### **Morningstar Investment Management LLC Analysis**

Although this fund technically fails the manager tenure screen due to changes in how the portfolio management team is listed, in fact the same team that oversees the strategy remains in place.

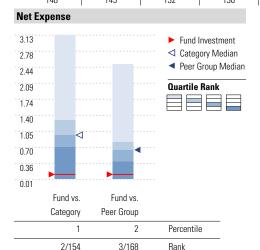
#### **ESG Metrics**

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

#### Growth of \$10,000



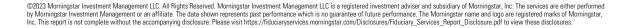




Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.91	_	1.23
Beta	1.00	_	0.95
R-Squared	98.67	_	90.41
Standard Deviation	7.72	7.66	7.66
Sharpe Ratio	0.00	0.12	0.26
Tracking Error	0.89	-	2.36
Information Ratio	-1.03	-	0.57
Up Capture Ratio	94.33	_	101.45
Down Capture Ratio	102.69	-	90.29

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.37	16.88	16.93
Price/Book Ratio	2.21	2.63	2.69
Avg Eff Duration	6.80	-	3.64





## Vanguard LifeStrategy Income Inv VASIX

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

#### Conservative Allocation Morningstar US Con Tgt Alloc NR USD

Net %

11.11

7.80

78.63

2.43

0.03

Cat%

10.35

2.60

73.78

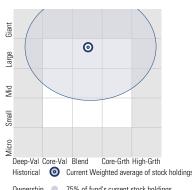
8.38

4.89

100.00

## Style Analysis as of 03-31-2023

Morningstar Style Box™



#### Asset Class US Stocks Non-US Stocks Bonds Cash Other 50 100 Total 100.00

#### Bmark Cat Fund Fund Cyclical 35.88 34.02 31.81 æ. Basic Materials 5.04 4.20 3.64 Ownership 75% of fund's current stock holdings Consumer Cyclical 10.88 10.89 9.07 **.** Financial Services 16.51 15 58 13.90 侖 Real Estate 3.45 3.35 5.20 Style Breakdown Equity Fixed Income Quality Sensitive 42.10 41.93 43.13 Large High **Communication Services** 6.48 6.52 6.32 19 25 28 • Energy 6.47 5.04 5.04 MidΜid 5 7 9 Ф Industrials 11.68 11.03 10.63 LOW 18.90 20.54 Technology 18.51 2 3 3 22.02 22.86 Defensive 26.24 Ltd Mod Value Blend Growth Consumer Defensive 7.06 7.10 7.73 Duration Healthcare 12.15 12.90 14.05 Weight % Utilities 2.81 2.86 4.46 >50 25-50 10-25 0-10 10 15 25 30 40

Asset Allocation as of 03-31-2023

Sector Weighting as of 03-31-2023

<b>Top 6 Holdings</b> as of 03-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	_	55.24	55.24	_	_
○ Vanguard Total Intl Bd II Idx Investor	-	24.37	79.61	_	-
⊕ Vanguard Total Stock Mkt Idx Inv	-	11.27	90.88	_	-
○ Vanguard Total Intl Stock Index Inv	-	7.97	98.85	_	-
	-	1.14	100.00	-	-
① Us Dollar	-	0.00	100.00	-	-

Total Holdings 6



## Vanguard LifeStrategy Moderate Gr Inv VSMGX

#### Morningstar Category Moderate Allocation

#### Morningstar Index

Morningstar US Mod Tgt Alloc NR USD

#### Portfolio Manager(s)

Walter Nejman since 02-2022 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Díaz since 02-2023

#### **Quantitative Screens**

- Performance: The fund has finished in the 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 team has been in place for less than three years.
- ✓ Net Expense: The fund's expense ratio of 0.13 is 87.38% lower than the Allocation--50% to 70% Equity category average.

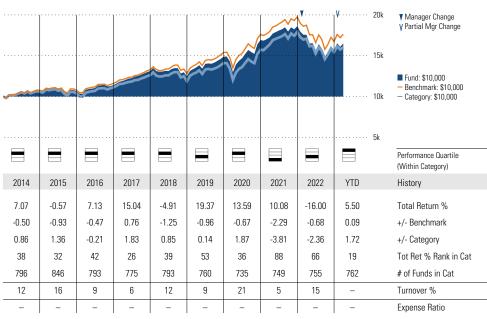
#### **Morningstar Investment Management LLC Analysis**

Although this fund technically fails the manager tenure screen due to changes in how the portfolio management team is listed, in fact the same team that oversees the strategy remains in place.

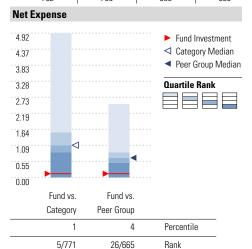
#### **ESG Metrics**

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

#### Growth of \$10,000







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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.81	_	0.49
Beta	0.99	_	0.98
R-Squared	98.88	_	94.16
Standard Deviation	12.76	12.78	12.92
Sharpe Ratio	0.60	0.67	0.68
Tracking Error	1.35	_	3.03
Information Ratio	-0.69	_	0.10
Up Capture Ratio	96.88	_	100.17
Down Capture Ratio	101.08	_	98.35

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.45	17.24	17.70
Price/Book Ratio	2.23	2.76	2.98
Avg Eff Duration	6.79	-	5.29



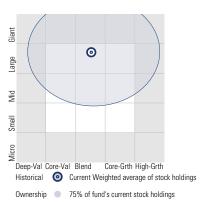
## Vanguard LifeStrategy Moderate Gr Inv VSMGX

**Morningstar Category Morningstar Index** Moderate Allocation

Morningstar US Mod Tgt Alloc NR USD

Style Analysis as of 03-31-2023

Morningstar Style Box™





Fauity

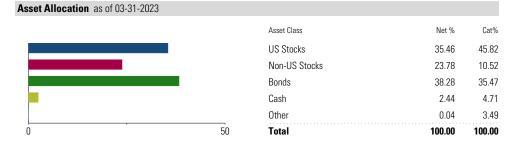
Weight %

Equity				Fixed	Income		Quality
19	28	25	Large				High
7	9	5	Mid				Mid
3	3	2	Small				Low
Value	Blend	Growth		Ltd	Mod	Ext	

Fixed Income

Duration

>50 25-50 10-25 0-10



Cyclical	35.74			Func		Bench	iiiiaiik	Categ	July Ave	ugo			
	03.77	33.49	31.65										
Basic Materials	4.98	3.94	3.92										
Consumer Cyclical	10.89	10.91	10.09										
Financial Services	16.42	15.30	15.13										
Real Estate	3.45	3.34	2.51		i								
Sensitive	42.19	43.66	42.41										
Communication Services	6.50	6.65	6.46										
Energy	5.04	4.99	5.34										
Industrials	11.60	10.69	10.98										
Technology	19.05	21.33	19.63										
Defensive	22.07	22.86	25.95										
Consumer Defensive	7.04	7.00	7.28										
Healthcare	12.22	13.04	15.45										
Utilities	2.81	2.82	3.22										
	Financial Services Real Estate  Sensitive Communication Services Energy Industrials Technology  Defensive Consumer Defensive Healthcare	Financial Services       16.42         Real Estate       3.45         Sensitive       42.19         Communication Services       6.50         Energy       5.04         Industrials       11.60         Technology       19.05         Defensive       22.07         Consumer Defensive       7.04         Healthcare       12.22	Financial Services     16.42     15.30       Real Estate     3.45     3.34       Sensitive     42.19     43.66       Communication Services     6.50     6.65       Energy     5.04     4.99       Industrials     11.60     10.69       Technology     19.05     21.33       Defensive     22.07     22.86       Consumer Defensive     7.04     7.00       Healthcare     12.22     13.04	Financial Services         16.42         15.30         15.13           Real Estate         3.45         3.34         2.51           Sensitive         42.19         43.66         42.41           Communication Services         6.50         6.65         6.46           Energy         5.04         4.99         5.34           Industrials         11.60         10.69         10.98           Technology         19.05         21.33         19.63           Defensive         22.07         22.86         25.95           Consumer Defensive         7.04         7.00         7.28           Healthcare         12.22         13.04         15.45	Financial Services         16.42         15.30         15.13           Real Estate         3.45         3.34         2.51	Financial Services 16.42 15.30 15.13  Real Estate 3.45 3.34 2.51  Sensitive 42.19 43.66 42.41  Communication Services 6.50 6.65 6.46  Energy 5.04 4.99 5.34  Industrials 11.60 10.69 10.98  Technology 19.05 21.33 19.63  Defensive 22.07 22.86 25.95  Consumer Defensive 7.04 7.00 7.28  Healthcare 12.22 13.04 15.45  Utilities 2.81 2.82 3.22	Financial Services 16.42 15.30 15.13  Real Estate 3.45 3.34 2.51  Sensitive 42.19 43.66 42.41  Communication Services 6.50 6.65 6.46  Energy 5.04 4.99 5.34  Industrials 11.60 10.69 10.98  Technology 19.05 21.33 19.63  Defensive 22.07 22.86 25.95  Consumer Defensive 7.04 7.00 7.28  Healthcare 12.22 13.04 15.45  Utilities 2.81 2.82 3.22	Financial Services 16.42 15.30 15.13  Real Estate 3.45 3.34 2.51  Sensitive 42.19 43.66 42.41  Communication Services 6.50 6.65 6.46  Energy 5.04 4.99 5.34  Industrials 11.60 10.69 10.98  Technology 19.05 21.33 19.63  Defensive 22.07 22.86 25.95  Consumer Defensive 7.04 7.00 7.28  Healthcare 12.22 13.04 15.45  Utilities 2.81 2.82 3.22	Financial Services 16.42 15.30 15.13  Real Estate 3.45 3.34 2.51  Sensitive 42.19 43.66 42.41  Communication Services 6.50 6.65 6.46  Energy 5.04 4.99 5.34  Industrials 11.60 10.69 10.98  Technology 19.05 21.33 19.63  Defensive 22.07 22.86 25.95  Consumer Defensive 7.04 7.00 7.28  Healthcare 12.22 13.04 15.45  Utilities 2.81 2.82 3.22	Financial Services 16.42 15.30 15.13  Real Estate 3.45 3.34 2.51  Sensitive 42.19 43.66 42.41  Communication Services 6.50 6.65 6.46  Energy 5.04 4.99 5.34  Industrials 11.60 10.69 10.98  Technology 19.05 21.33 19.63  Defensive 22.07 22.86 25.95  Consumer Defensive 7.04 7.00 7.28  Healthcare 12.22 13.04 15.45  Utilities 2.81 2.82 3.22	Financial Services 16.42 15.30 15.13  Real Estate 3.45 3.34 2.51  Sensitive 42.19 43.66 42.41  Communication Services 6.50 6.65 6.46  Energy 5.04 4.99 5.34  Industrials 11.60 10.69 10.98  Technology 19.05 21.33 19.63  Defensive 22.07 22.86 25.95  Consumer Defensive 7.04 7.00 7.28  Healthcare 12.22 13.04 15.45  Utilities 2.81 2.82 3.22	Financial Services 16.42 15.30 15.13  Real Estate 3.45 3.34 2.51  Sensitive 42.19 43.66 42.41  Communication Services 6.50 6.65 6.46  Energy 5.04 4.99 5.34  Industrials 11.60 10.69 10.98  Technology 19.05 21.33 19.63  Defensive 22.07 22.86 25.95  Consumer Defensive 7.04 7.00 7.28  Healthcare 12.22 13.04 15.45  Utilities 2.81 2.82 3.22	Financial Services 16.42 15.30 15.13  Real Estate 3.45 3.34 2.51  Sensitive 42.19 43.66 42.41  Communication Services 6.50 6.65 6.46  Energy 5.04 4.99 5.34  Industrials 11.60 10.69 10.98  Technology 19.05 21.33 19.63  Defensive 22.07 22.86 25.95  Consumer Defensive 7.04 7.00 7.28  Healthcare 12.22 13.04 15.45  Utilities 2.81 2.82 3.22

<b>Top 6 Holdings</b> as of 03-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	_	35.97	35.97	_	_
	_	26.98	62.95	_	-
◆ Vanguard Total Intl Stock Index Inv	_	24.30	87.25	_	-
	_	11.79	99.04	_	-
	-	0.98	100.01	-	-
① Us Dollar	-	0.01	100.03	-	_

Total Holdings 6



## Vanguard Mid-Cap Growth Index Admiral VMGMX

**Morningstar Category** Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

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 10.11 years.

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

Net Expense: The fund's expense ratio of 0.07 is 93.52% lower than the Mid-Cap Growth category average.

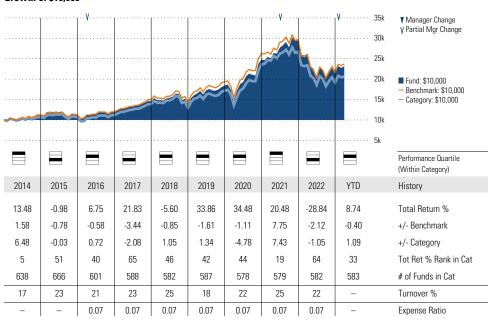
#### **Morningstar Investment Management LLC Analysis**

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

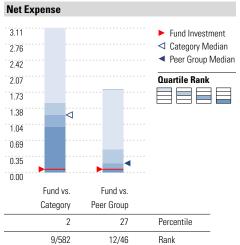
#### **ESG Metrics**

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

# Growth of \$10,000







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

3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	0.94	_	-0.20
Beta	1.00	_	0.98
R-Squared	98.63	_	90.77
Standard Deviation	23.16	23.08	23.92
Sharpe Ratio	0.71	0.68	0.64
Tracking Error	2.71	-	7.25
Information Ratio	0.36	_	-0.24
Up Capture Ratio	102.18	_	98.57
Down Capture Ratio	99.87	_	100.96

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	25.90	23.95	24.30
Price/Book Ratio	4.81	5.97	3.89
Geom Avg Mkt Cap \$B	25.26	20.94	17.34
ROE	21.49	27.86	19.62



## Vanguard Mid-Cap Growth Index Admiral VMGMX

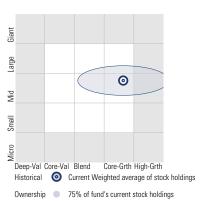
#### **Morningstar Category** Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

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

Morningstar Style Box™



## Style Breakdown

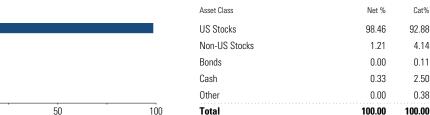
. ,			
0	8	13	Large
3	34	42	Mid
0	0	0	Small
Value	Blend	Growth	

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 03-31-2023



		Fund	Bmark	Cat	Fund	▼ B	enchn	nark	[] Ca	tegor	y Aver	age		
b	Cyclical	27.65	27.76	29.41										
ė.	Basic Materials	3.65	2.84	2.46										
-	Consumer Cyclical	11.57	16.69	13.99										
ê	Financial Services	5.73	6.12	9.80	<b>"</b>									
b	Real Estate	6.70	2.11	3.16										
NF	Sensitive	55.20	52.45	47.80										
	Communication Services	5.15	3.81	3.09										
	Energy	6.44	4.52	3.24										
þ	Industrials	14.15	16.27	14.95			<b>=</b> [							
1	Technology	29.46	27.85	26.52						ì				
÷	Defensive	17.14	19.80	22.79										
7	Consumer Defensive	1.34	3.20	2.58	<b>[</b>									
r	Healthcare	15.80	16.32	19.51										
2	Utilities	0.00	0.28	0.70	i									

#### Top 15 Holdings as of 03-31-2023 YTD Return % Name % Net Asset Cumulative % Morningstar Sector Amphenol Corp Class A 1.64 1.64 7.60 Technology Motorola Solutions Inc 1.62 3.26 11.37 Technology Microchip Technology Inc 1.55 4.82 19.77 Technology ① DexCom Inc 1.52 6.34 2.60 Healthcare MSCI Inc 20.62 1.44 7.78 Financial Services Realty Income Corp 1.42 9.19 1.02 Real Estate Cintas Corp 1.35 10.55 2.70 Industrials Arista Networks Inc 38.33 Technology 1.31 11.85 Cheniere Energy Inc 1.30 13.15 5.36 Energy ① TransDigm Group Inc 1.29 14.45 17.06 Industrials ① IQVIA Holdings Inc 1.25 15.70 -2.93 Healthcare Hess Corp 1.24 16.94 -6.38 Energy Waste Connections Inc 1.21 18.15 5.10 Industrials ON Semiconductor Corp 1.20 19.35 31.99 Technology Welltower Inc 1.19 20.55 10.30 Real Estate

Total Holdings 163



## Vanguard Mid-Cap Value Index Admiral VMVAX

Morningstar Category
Mid-Cap Value

**Morningstar Index** Russell Mid Cap Value TR USD

## Portfolio Manager(s)

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

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 16.63 years.

Net Expense: The fund's expense ratio of 0.07 is 92.93% lower than the Mid-Cap Value category average.

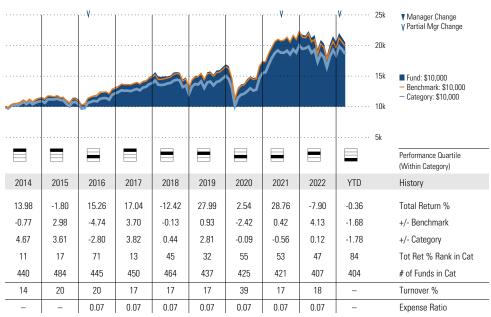
#### **Morningstar Investment Management LLC Analysis**

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.

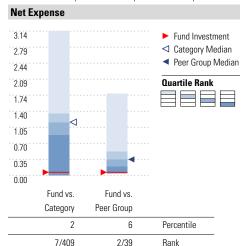
#### **ESG Metrics**

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

## Growth of \$10,000







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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.98	_	1.62
Beta	0.95	_	0.98
R-Squared	98.76	-	94.06
Standard Deviation	19.20	20.04	20.25
Sharpe Ratio	1.02	0.98	1.03
Tracking Error	2.34	-	5.06
Information Ratio	0.07	-	0.25
Up Capture Ratio	96.95	-	98.95
Down Capture Ratio	93.57	_	92.21

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	14.70	15.15	13.95
Price/Book Ratio	2.08	2.11	1.83
Geom Avg Mkt Cap \$B	21.46	16.49	12.34
ROE	17.70	15.14	16.14



# Vanguard Mid-Cap Value Index Admiral VMVAX

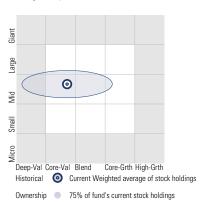
## Morningstar Category Mid-Cap Value

#### Morningstar Index

Russell Mid Cap Value TR USD

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

Morningstar Style Box™



#### Style Breakdown

Equity

1	4	0	Large
43	48	3	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 03-31-2023



	Fund	Bmark	Cat	Fund ▼ Benchmark   Category Average
				rund
Cyclical	43.96	46.70	41.98	
Basic Materials	6.01	6.51	5.56	
Consumer Cyclical	9.56	10.90	12.16	
Financial Services	17.64	18.17	18.00	
Real Estate	10.75	11.12	6.26	
<ul> <li>Sensitive</li> </ul>	26.49	33.70	35.68	
Communication Services	2.79	3.42	3.23	
Energy	2.89	5.09	5.99	
Industrials	13.36	15.43	16.78	
Technology	7.45	9.76	9.68	
▶ Defensive	29.55	19.60	22.35	
Consumer Defensive	6.87	4.19	6.35	
Healthcare	9.07	7.23	9.59	
Utilities	13.61	8.18	6.41	

100

<b>Top 15 Holdings</b> as of 03-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Corteva Inc	1.39	1.39	2.86	Basic Materials
⊕ Arthur J. Gallagher & Co	1.31	2.71	1.76	Financial Services
⊕ Nucor Corp	1.28	3.99	17.58	Basic Materials
PACCAR Inc	1.24	5.23	11.32	Industrials
⊕ Carrier Global Corp Ordinary Shares	1.24	6.47	10.91	Industrials
⊕ PG&E Corp	1.16	7.63	-0.55	Utilities
○ Centene Corp	1.13	8.76	-22.92	Healthcare
⊕ Consolidated Edison Inc	1.10	9.86	1.23	Utilities
⊕ Rockwell Automation Inc	1.09	10.95	14.39	Industrials
→ VICI Properties Inc Ordinary Shares	1.06	12.01	1.88	Real Estate
⊕ Ameriprise Financial Inc	1.05	13.06	-1.16	Financial Services
⊕ The Kroger Co	1.03	14.09	11.33	Consumer Defensive
⊕ D.R. Horton Inc	0.98	15.07	9.87	Consumer Cyclical
⊕ Dollar Tree Inc	0.98	16.05	1.49	Consumer Defensive
⊕ WEC Energy Group Inc	0.97	17.02	1.93	Utilities

Total Holdings 193



# Vanguard Small Cap Value Index Admiral VSIAX

**Morningstar Category** 

Morningstar Index

Russell 2000 Value TR USD

#### Portfolio Manager(s)

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

#### Quantitative Screens

- Performance: The fund has finished in the Small Value category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 6.93 years.
- Style: The fund has landed in its primary style box Small Value — 100 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.07 is 93.86% lower than the Small Value category average.

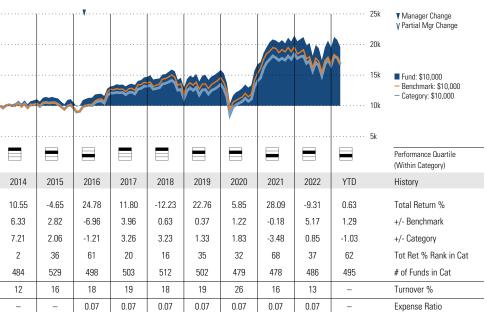
#### **Morningstar Investment Management LLC Analysis**

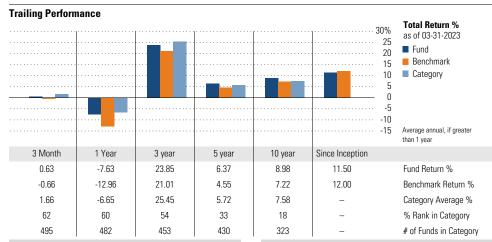
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

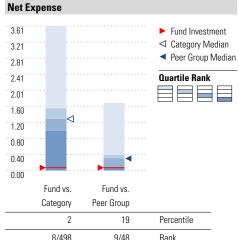
#### **ESG Metrics**

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

## 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	3.66	_	4.01
Beta	0.93	_	0.96
R-Squared	97.11	_	93.02
Standard Deviation	21.66	23.03	22.89
Sharpe Ratio	1.04	0.89	1.03
Tracking Error	4.05	_	6.15
Information Ratio	0.70	_	0.65
Up Capture Ratio	98.92	_	101.34
Down Capture Ratio	88.36	_	89.27

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



# Vanguard Small Cap Value Index Admiral VSIAX

# Morningstar Category Small Value

Morningstar Index

Russell 2000 Value TR USD

## Style Analysis as of 03-31-2023

Morningstar Style Box™



## Style Breakdown

Equity

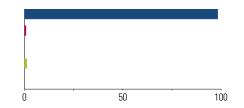
Equity			. –
0	0	0	Large
16	15	4	Mid
29	31	5	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

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



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

		Fund	Bmark	Cat	Fund	t	▼ Be	nchma	ark [	Cate	gory Av	/erage		
<u></u>	Cyclical	49.08	53.55	50.91										
A	Basic Materials	6.24	3.58	6.35										
A	Consumer Cyclical	13.37	11.25	14.69			- 1	<b>I</b>						
<b>P</b>	Financial Services	19.12	25.80	23.12										
ıπ	Real Estate	10.35	12.92	6.75				1						
W	Sensitive	35.32	28.57	36.01										
	Communication Services	2.00	2.88	1.94										
•	Energy	4.87	5.82	6.30										
Ф	Industrials	20.88	13.13	18.15				<b>'</b>						
	Technology	7.57	6.74	9.62										
<b>-</b>	Defensive	15.59	17.88	13.09					1					
Ħ	Consumer Defensive	4.73	3.52	4.17		0	1							
+	Healthcare	5.97	9.86	5.98			1							
•	Utilities	4.89	4.50	2.94		_								

<b>Top 15 Holdings</b> as of 03-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Slcmt1142	0.96	0.96	_	_
□ IDEX Corp	0.68	1.64	1.45	Industrials
⊕ Reliance Steel & Aluminum Co	0.59	2.23	27.32	Basic Materials
⊕ Atmos Energy Corp	0.58	2.82	0.92	Utilities
→ Bunge Ltd	0.56	3.38	-3.63	Consumer Defensive
→ Builders FirstSource Inc	0.51	3.89	36.84	Industrials
⊕ Gaming and Leisure Properties Inc	0.51	4.39	1.80	Real Estate
⇒ Booz Allen Hamilton Holding Corp Class A	0.48	4.87	-10.87	Industrials
⊖ Kimco Realty Corp	0.47	5.35	-6.70	Real Estate
○ Carlisle Companies Inc	0.45	5.80	-3.75	Industrials
⇒ RPM International Inc	0.44	6.24	-10.05	Basic Materials
⇒ APA Corp	0.44	6.68	-22.22	Energy
∃ Jabil Inc	0.44	7.12	29.38	Technology
⊖ Life Storage Inc	0.44	7.55	34.30	Real Estate
→ AECOM	0.44	7.99	-0.51	Industrials

**Total Holdings 852** 



## Vanguard Ultra-Short-Term Bond Admiral VUSFX

Morningstar Category
Ultrashort Bond

Morningstar Index

Bloomberg US Agg Bond TR USD

#### Portfolio Manager(s)

Daniel Shaykevich since 04-2018 Arvind Narayanan since 11-2019

#### **Quantitative Screens**

Performance: The fund has finished in the Ultrashort Bond category's top three quartiles in 7 of the 7 years it's been in existence.

Management: The fund's management has been in place for 4.97 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.1 is 77.78% lower than the Ultrashort Bond category average.

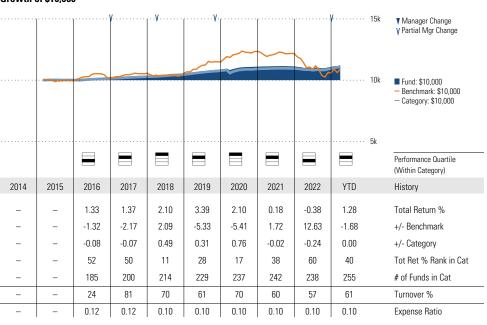
## **Morningstar Investment Management LLC Analysis**

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

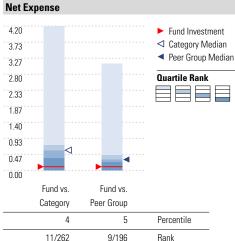
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023

#### Growth of \$10,000







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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.53	_	1.80
Beta	0.12	_	0.11
R-Squared	60.23	_	28.48
Standard Deviation	1.01	6.29	1.30
Sharpe Ratio	0.05	-0.60	0.10
Tracking Error	5.54	_	5.74
Information Ratio	0.72	_	0.75
Up Capture Ratio	22.76	_	23.31
Down Capture Ratio	4.09	_	1.33

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	0.96	4.43	0.91
Avg Eff Maturity	0.80	_	1.90



Duration

# Vanguard Ultra-Short-Term Bond Admiral VUSFX

Morningstar Category
Ultrashort Bond

Morningstar Index Bloomberg US Agg Bond TR USD

Style Analysis as of 03-31-2023
Style Breakdown
Fixed Income

Quality

High

Mid.

Ltd Mod Ext

<b>Asset Allocation</b>	as of 03-31-2023		
1			
0	50	,	100

Total	100.00	100.00
Other	0.00	0.15
Cash	6.55	31.04
Bonds	93.45	68.64
Non-US Stocks	0.00	0.00
US Stocks	0.00	0.17
Asset Class	Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	14.42	3.53	36.14
AA	10.01	74.59	7.53
A	39.73	10.82	20.05
BBB	35.54	8.32	19.36
BB	0.00	0.28	1.88
В	0.00	0.00	1.94
Below B	0.46	0.00	0.34
Not Rated	-0.16	2.46	12.75

	Fund	Bmark	Cat	Fund		Ben	chmc	rk	l Cat	haan	γ Ανε	rago				
				Fullu		Dell	UIIIII	п	Uai	eyoi	y Ave	aye				
Government	12.93	-	24.26			١.		U:								
Treasury	10.97	-	17.14			[										
Inflation - Protected	0.00	_	0.00	ĺ.												
Agency/Quasi Agency	1.96	_	3.10													
Other Government Related	0.00	_	4.02													
Corporate	65.83	-	30.09													
Corporate Bond	65.46	_	29.92													
Bank Loan	0.00	_	0.09													
Convertible	0.37	_	0.08													
Preferred	0.00	_	0.00													
Securitized	14.46	-	22.82													
Agency MBS Pass-Through	0.00	_	4.56													
Agency MBS ARM	0.00	_	0.58													
Agency MBS CM0	0.30	_	1.67													
Non-Agency Residential MBS	0.10	_	0.19													
Commercial MBS	0.04	_	0.57													
Asset-Backed	14.02	_	15.25													
Covered Bond	0.00	_	0.00													
Municipal	0.00	-	0.82													
Cash & Equivalents	6.73	_	20.07													
Other	0.00	-	1.92	[]												
				0% 5	10	15	20	25	30	35	40	45	50	55	60	65 70

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
① United States Treasury Bills	-	8.66	8.66	_
⊕ United States Treasury Bills	_	2.06	10.72	_
Bank of Korea	_	1.05	11.77	_
Banque Federative du Credit Mutuel	_	0.91	12.68	_
Royal Bank of Canada	_	0.81	13.49	_
Wells Fargo & Company	-	0.76	14.25	_
→ Philip Morris International Inc.	_	0.73	14.97	_
Citigroup Inc.	_	0.69	15.66	_
HSBC Holdings PLC	_	0.68	16.34	_
Olkswagen Group of America Finance LLC	_	0.67	17.01	_

Total Holdings 685

