# American Funds Intl Gr and Inc R6 RIGGX

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

### Portfolio Manager(s)

Steven Watson since 10-2008 Andrew Suzman since 10-2008 Patrice Collette since 09-2010 Leo Hee since 07-2015 Michael Cohen since 07-2018 Lisa Thompson since 09-2018 Barbara Burtin since 09-2024 Bobby Chada since 09-2024

### **Quantitative Screens**

❷ Performance: The fund has finished in the Foreign 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 16.01 years.

Net Expense: The fund's expense ratio of 0.54 is 34.94% lower than the Foreign Large Blend category average.

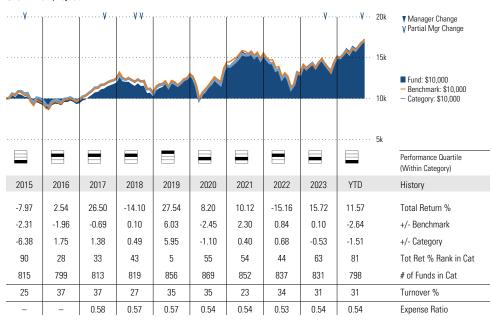
#### **Morningstar Investment Management LLC Analysis**

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.

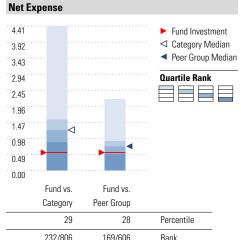
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

# Growth of \$10,000







3-Year KISK Wellics			
	Fund	Bmark	Cat
Alpha	0.24	_	-0.05
Beta	0.99	_	1.02
R-Squared	94.18	_	92.90
Standard Deviation	16.70	16.34	17.33
Sharpe Ratio	0.11	0.10	0.10
Tracking Error	4.03	_	4.62
Information Ratio	0.04	-	0.00
Up Capture Ratio	102.01	_	105.97
Down Capture Ratio	101.60	-	107.27

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.71	15.78	15.57
Price/Book Ratio	1.84	1.85	1.89
Geom Avg Mkt Cap \$B	57.70	52.84	63.57
ROE	18.74	16.65	18.70



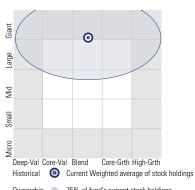
# American Funds Intl Gr and Inc R6 RIGGX

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

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

# Style Analysis as of 09-30-2024

Morningstar Style Box™



### Ownership 75% of fund's current stock holdings

# Style Breakdown

Equity

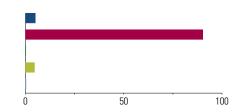
			[
23	32	33	raige
4	4	3	MIM
0	1	0	SIIIdii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

### Asset Allocation as of 09-30-2024



Total	100.00	100.00
Other	0.21	1.53
Cash	4.53	0.63
Bonds	0.12	0.55
Non-US Stocks	90.18	93.48
US Stocks	4.96	3.83
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund Benchmark Category Average
b	Cyclical	36.43	41.84	38.35	
à.	Basic Materials	4.99	7.13	6.28	
4	Consumer Cyclical	9.90	10.56	10.23	
£	Financial Services	19.56	22.19	20.32	
b	Real Estate	1.98	1.96	1.52	
M	Sensitive	41.76	38.31	39.09	
	Communication Services	7.76	6.08	5.08	
•	Energy	4.61	5.12	4.58	
\$	Industrials	15.18	13.70	16.70	
1	Technology	14.21	13.41	12.73	
<b>→</b>	Defensive	21.80	19.84	22.55	
Ę	Consumer Defensive	11.15	7.14	7.90	
۲	Healthcare	8.59	9.63	12.14	
?	Utilities	2.06	3.07	2.51	

# World Regions % Equity 09-30-2024



	Funa %	Cat %
Greater Asia	29.98	34.59
Japan	6.83	18.85
Australasia	0.44	4.68
Asia-4 Tigers	12.74	6.46
Asia-ex 4 Tigers	9.97	4.60
Not Classified	0.00	0.00

Americas	Fund % 12.63	Cat % 8.81	Greater Europe	Fund % 57.38	Cat % 56.59	Market Maturity	Fund %
North America	9.78	7.75	United Kingdom	14.16	13.90	Developed Markets	86.75
Central/Latin	2.85	1.06	W euro-ex UK	42.35	41.71	Emerging Markets	13.25
			Emrgng Europe	0.00	0.12	Not Available	0.00
			Africa	0.87	0.86		

<b>Top 10 Holdings</b> as of 09-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
○ Capital Group Central Cash M	4.75	4.75	_	_
Taiwan Semiconductor Manufacturing Co Ltd	4.07	8.82	_	Technology
	2.50	11.31	_	Healthcare
	2.10	13.41	11.52	Healthcare
⊕ ASML Holding NV	1.98	15.40	10.07	Technology
⊕ TotalEnergies SE	1.93	17.33	-0.06	Energy
	1.67	18.99	_	Technology
BAE Systems PLC	1.61	20.60	13.10	Industrials
British American Tobacco PLC	1.39	21.99	26.36	Consumer Defensive
① Tencent Holdings Ltd	1.39	23.38	-	Communication Svc

# Total Holdings 251

# American Funds New Perspective R6 RNPGX

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

Expense Ratio

### Portfolio Manager(s)

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

### **Quantitative Screens**

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

Management: The fund's management has been in place for 23.85 years.

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

✓ Net Expense: The fund's expense ratio of 0.42 is
60.38% lower than the Global Large-Stock Growth category
average.

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

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

## **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	02-15-2022

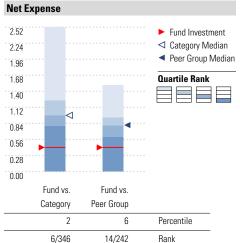
#### Growth of \$10,000 ▼ Manager Change V Partial Mgr Change 25k 20k ■ Fund: \$10,000 - Benchmark: \$10,000 - Category: \$10,000 Performance Quartile (Within Category) 2015 2016 2017 2018 2019 2020 2021 2022 2023 YTD History 5.63 2.19 29.30 -5.56 30.48 33 81 18.10 -25.61 25.01 18.18 Total Return % 17.56 -0.44 -7.25 -0.48 7.99 -5.67 5.33 3.85 3.88 2.81 +/- Benchmark 0.08 4.37 -0.23-0.922.23 1.14 5.26 2.29 1.37 1.57 +/- Category 16 51 51 31 50 34 28 46 37 43 Tot Ret % Rank in Cat 269 251 304 377 345 # of Funds in Cat 267 289 323 354 366 27 22 28 23 20 26 22 21 17 Turnover %



0.41

0.41

0.42



0.44

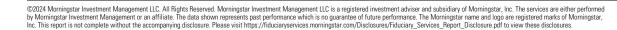
0.44

0.42

0.45

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-3.04	_	-4.77
Beta	1.10	_	1.13
R-Squared	96.39	_	89.30
Standard Deviation	18.55	16.57	20.01
Sharpe Ratio	0.17	0.32	0.11
Tracking Error	3.89	_	6.92
Information Ratio	-0.68	_	-0.63
Up Capture Ratio	102.82	_	100.61
Down Capture Ratio	115.22	_	120.34

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	25.71	21.79	29.45
Price/Book Ratio	4.00	3.04	5.18
Geom Avg Mkt Cap \$B	179.18	159.41	242.90
ROE	26.07	27.22	31.22



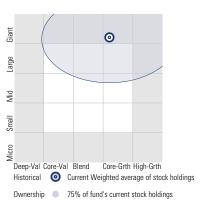


# American Funds New Perspective R6 RNPGX

# Morningstar CategoryMorningstar IndexGlobal Large-Stock GrowthMSCI ACWI NR USD

# Style Analysis as of 09-30-2024

Morningstar Style Box™



# Style Breakdown

Equity

12	34	43	Luigo
2	2	6	IVIIG
0	0	0	OII GII

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 09-30-2024



	g . <b>g</b>	Funel	Descrit:	Cot	Г	٦	- D-	naha-	П	Cate						
		Fund	Bmark	Cat	Fun	a	▼ Be	nchma	Irk []	Categ	jory Av	erage •				
<b>Դ</b>	Cyclical	27.28	32.41	26.47												
÷.	Basic Materials	3.96	3.91	2.42			-									
<b>A</b>	Consumer Cyclical	11.98	10.46	11.53			0									
<b>,</b>	Financial Services	10.89	15.78	11.63												
<b>fi</b>	Real Estate	0.45	2.26	0.89	•											
W#	Sensitive	50.66	47.62	54.15												[
	Communication Services	10.99	7.94	9.30												
ð	Energy	2.62	4.03	2.26		<b>7</b>										
Ф	Industrials	14.95	10.00	11.08												
	Technology	22.10	25.65	31.51						7						
<b>→</b>	Defensive	22.05	19.97	19.37												
=	Consumer Defensive	5.17	6.26	4.26												
+	Healthcare	16.18	10.95	14.19			- : '									
•	Utilities	0.70	2.76	0.92												
					0%	5	10	15	20	25	30	35	40	45	50	55

100

# World Regions % Equity 09-30-2024



	Fund %	Cat %
Greater Asia	11.96	12.28
Japan	3.66	4.18
Australasia	0.29	0.24
Asia-4 Tigers	5.08	3.80
Asia-ex 4 Tigers	2.93	4.06
Not Classified	0.00	0.00

Americas	Fund % 58.63	Cat % 65.02	Greater Europe	Fund % 29.38	Cat % 22.73	Market Maturity	Fund %
North America	57.32	63.40	United Kingdom	5.62	4.04	Developed Markets	95.42
Central/Latin	1.31	1.62	W euro-ex UK	23.40	18.36	<b>Emerging Markets</b>	4.58
			Emrgng Europe	0.00	0.01	Not Available	0.00
			Africa	0.36	0.32		

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Meta Platforms Inc Class A	3.69	3.69	62.15	Communication Svc
	3.34	7.03	15.03	Technology
	3.04	10.07	_	Technology
⇒ Broadcom Inc	2.73	12.80	55.95	Technology
→ Novo Nordisk AS Class B	2.56	15.36	-	Healthcare
⊕ Tesla Inc	2.04	17.40	5.29	Consumer Cyclical
NVIDIA Corp	1.96	19.35	145.27	Technology
AstraZeneca PLC	1.63	20.99	11.52	Healthcare
∋ Eli Lilly and Co	1.51	22.50	52.65	Healthcare
Netflix Inc	1.25	23.75	45.68	Communication Svc

# Total Holdings 296

# **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
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
Aline Avzaradel since 07-2021

#### **Quantitative Screens**

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

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

Net Expense: The fund's expense ratio of 0.26 is 64.38% lower than the Large Blend category average.

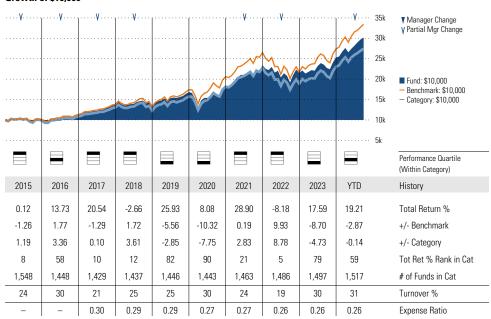
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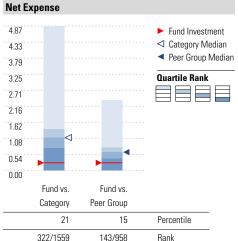
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

### Growth of \$10,000







J-1 Cui Illak Mictilica			
	Fund	Bmark	Cat
Alpha	2.83	_	-1.07
Beta	0.82	_	0.94
R-Squared	91.93	_	94.38
Standard Deviation	14.99	17.53	16.95
Sharpe Ratio	0.64	0.52	0.42
Tracking Error	5.30	_	3.71
Information Ratio	0.20	_	-1.34
Up Capture Ratio	89.90	_	92.03
Down Capture Ratio	80.55	_	96.37

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	24.87	27.50	26.80
Price/Book Ratio	4.16	4.80	5.15
Geom Avg Mkt Cap \$B	204.89	328.12	362.94
ROE	28.05	33.77	33.76



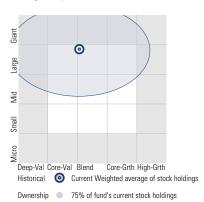
# American Funds Washington Mutual R6 RWMGX

Morningstar CategoryMornin■ Large BlendS&P 50

Morningstar Index S&P 500 TR USD

# Style Analysis as of 09-30-2024

Morningstar Style Box™



# Style Breakdown

Equity

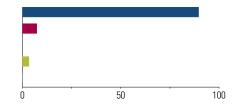
30	33	19	Large
5	10	2	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

# Asset Allocation as of 09-30-2024



Total	100.00	100.00
Other	0.03	0.96
Cash	3.20	0.37
Bonds	0.00	0.34
Non-US Stocks	7.20	2.42
US Stocks	89.56	95.93
Asset Class	Net %	Cat%

	Fund	Bmark	Cat	Fund	▼ Benchm	ark 🛮 Cat	egory A	verage	
Cyclical	30.04	27.13	27.70						
Basic Materials	2.53	2.00	2.54						
Consumer Cyclical	7.69	10.30	9.74		<b>[</b> ]				
Financial Services	16.91	12.49	13.42		[ v				
Real Estate	2.91	2.34	2.00						
Sensitive	42.01	52.68	51.46						
Communication Services	5.01	8.87	8.40		0 :				
Energy	4.62	3.31	3.56						
Industrials	10.47	7.59	9.69						
Technology	21.91	32.91	29.81					1	
Defensive	27.95	20.18	20.82						
Consumer Defensive	8.60	5.88	5.89						
Healthcare	15.56	11.63	12.54						
Utilities	3.79	2.67	2.39						

<b>Top 15 Holdings</b> as of 09-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Broadcom Inc	6.27	6.27	55.95	Technology
	5.55	11.82	15.03	Technology
	3.17	15.00	_	_
─ UnitedHealth Group Inc	3.00	18.00	12.21	Healthcare
⊖ Eli Lilly and Co	2.77	20.77	52.65	Healthcare
⊕ Marsh & McLennan Companies Inc	2.29	23.06	18.92	Financial Services
	2.25	25.31	21.40	Technology
⊕ Philip Morris International Inc	2.20	27.51	33.24	Consumer Defensive
	1.59	29.10	30.43	Healthcare
	1.54	30.64	25.93	Financial Services
○ Comcast Corp Class A	1.39	32.03	-2.67	Communication Svc
The Home Depot Inc	1.32	33.35	18.87	Consumer Cyclical
GE Aerospace	1.27	34.62	78.88	Industrials
	1.24	35.86	46.20	Industrials
	1.23	37.09	18.92	Communication Svc

**Total Holdings** 185



# **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 05-2021
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 24.02 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.3 is 40% lower than the Intermediate Core Bond category average.

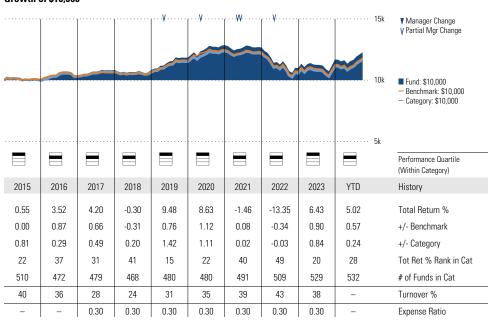
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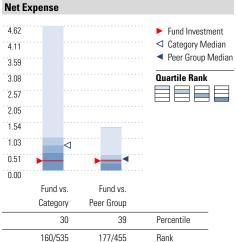
#### **ESG Metrics**

Metric	Rating	Updated			
Sustainability Rating	4	08-31-2024			
ESG Commitment	1-Low	02-15-2022			

### Growth of \$10,000







3-Tear hisk wieurcs			
	Fund	Bmark	Cat
Alpha	0.32	-	-0.09
Beta	1.01	-	0.98
R-Squared	99.65	-	98.10
Standard Deviation	7.74	7.63	7.55
Sharpe Ratio	-0.61	-0.66	-0.68
Tracking Error	0.47	-	0.96
Information Ratio	0.62	-	-0.25
Up Capture Ratio	101.71	-	97.06
Down Capture Ratio	98.89	-	98.03

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.13	4.43	5.88
Avg Eff Maturity	8.23	-	8.21



# **Baird Aggregate Bond Inst** BAGIX

Style Analysis as of 09-30-2024
Style Breakdown
Fixed Income

Quality

Graph Market Style Breakdown

Outlify

Ltd Mod Ext

Duration

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	62.90	3.53	24.71
AA	3.20	74.59	39.01
A	12.20	10.82	22.22
BBB	21.50	8.32	12.31
BB	0.20	0.28	0.62
В	0.00	0.00	0.33
Below B	0.00	0.00	0.12
Not Rated	0.00	2.46	0.68



**Morningstar Category** 

Intermediate Core Bond

**Morningstar Index** 

Bloomberg US Agg Bond TR USD

	Fund	Bmark	Cat	Fund		Benchma	uk II c	otogoni	Average			
				runa		benchina	irk II C	alegory	Average	i n		
Government	26.58	_	30.70			:		1				
Treasury	26.58	-	24.87									
Inflation - Protected	0.00	_	1.37	[								
Agency/Quasi Agency	0.00	_	0.63	i 🛛								
Other Government Related	0.00	_	3.83	İ								
Corporate	36.33	_	23.52									
Corporate Bond	36.33	_	23.34									
Bank Loan	0.00	_	0.04									
Convertible	0.00	_	0.00									
Preferred	0.00	_	0.14									
Securitized	33.94	-	39.30									
Agency MBS Pass-Through	20.72	_	28.33									
Agency MBS ARM	0.00	-	0.18									
Agency MBS CMO	1.33	_	1.23									
Non-Agency Residential MBS	1.09	-	0.12									
Commercial MBS	4.07	-	2.27									
Asset-Backed	6.73	-	7.17		:							
Covered Bond	0.00	_	0.00	ĺ								
Municipal	0.49	-	1.22	•								
Cash & Equivalents	2.64	-	4.52									
Other	0.00	_	0.75	[]								
				0%	5	10	15	20	25	30	35	40

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
United States Treasury Notes 1.13%	10-2026	3.43	3.43	_
⊕ First American Government Obligs U	02-2030	2.32	5.75	_
⊕ United States Treasury Bonds 3.88%	05-2043	1.79	7.54	_
United States Treasury Bonds 2.88%	05-2043	1.77	9.31	_
─ United States Treasury Bonds 2.5%	02-2045	1.73	11.04	-
United States Treasury Bonds 2.38%	02-2042	1.57	12.61	_
United States Treasury Bonds 2.88%	05-2052	1.55	14.15	_
─ United States Treasury Notes 2.38%	03-2029	1.53	15.68	_
United States Treasury Bonds 3.38%	08-2042	1.49	17.17	_
─ United States Treasury Notes 4%	01-2031	1.25	18.42	_

Total Holdings 1828



# **Baird Core Plus Bond Inst** BCOIX

#### 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-Plus Bond category's top three quartiles in 10 of the 10
 years it's been in existence.

Management: The fund's management has been in place for 24.02 years.

Style Consistency is not calculated for Fixed Income funds.

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

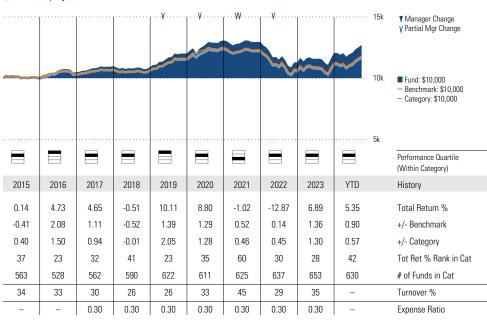
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Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
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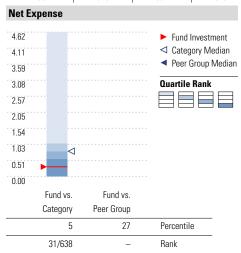
### **ESG Metrics**

Metric Sustainability Rating	Rating	Updated				
Sustainability Rating	3	08-31-2024				
ESG Commitment	1-Low	02-15-2022				

### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 09-30-2024 ■ Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 5 year 10 year Since Inception 3 year Fund Return % 5.22 12.85 -0.67 1.21 2.58 4.87 5.20 11.57 -1.39 0.33 1.84 6.60 Benchmark Return % 5.05 11 56 -1 39 0.43 1 75 Category Average % 47 34 27 31 19 % Rank in Category 637 618 561 519 365 # of Funds in Category



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

3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	0.72	-	-0.09
Beta	1.00	-	0.98
R-Squared	99.41	-	98.10
Standard Deviation	7.62	7.63	7.55
Sharpe Ratio	-0.57	-0.66	-0.68
Tracking Error	0.59	-	0.96
Information Ratio	1.22	-	-0.25
Up Capture Ratio	100.25	-	97.06
Down Capture Ratio	93.90	-	98.03

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	5.90	4.43	5.88
Avg Eff Maturity	7.97	-	8.21



Duration

# **Baird Core Plus Bond Inst** BCOIX

Style Analysis as of 09-30-2024

Style Breakdown

Fixed Income

Ouality

Signature

Duality

Fixed Income

Ouality

Fixed Income

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	54.70	3.53	24.71
AA	2.60	74.59	39.01
A	12.30	10.82	22.22
BBB	27.60	8.32	12.31
BB	2.40	0.28	0.62
В	0.10	0.00	0.33
Below B	0.00	0.00	0.12
Not Rated	0.30	2.46	0.68

#### Asset Allocation as of 09-30-2024 Asset Class Net % Cat% US Stocks 0.01 0.62 Non-US Stocks 0.23 0.00 Bonds 97.47 97.45 Cash 2.50 -0.01 Other 0.02 1.70 50 100 Total 100.00 100.00

**Morningstar Category** 

Intermediate Core Bond

**Morningstar Index** 

Bloomberg US Agg Bond TR USD

	Fund	Bmark	Cat	Fund	•	Bench	mark	Cate	orv Avo	erage		
Government	23.12		30.70							3-		
Treasury	23.12	_	24.87						<b>=</b> [			
Inflation - Protected	0.00	_	1.37	i [								
Agency/Quasi Agency	0.00	_	0.63	10								
Other Government Related	0.00	_	3.83	į								
Corporate	43.34	_	23.52									
Corporate Bond	43.33	_	23.34									
Bank Loan	0.00	_	0.04									
Convertible	0.01	_	0.00	İ								
Preferred	0.00	_	0.14									
Securitized	30.18	-	39.30									
Agency MBS Pass-Through	16.90	_	28.33									
Agency MBS ARM	0.00	_	0.18									
Agency MBS CMO	1.15	_	1.23									
Non-Agency Residential MBS	1.23	_	0.12									
Commercial MBS	4.05	_	2.27									
Asset-Backed	6.85	_	7.17									
Covered Bond	0.00	_	0.00									
Municipal	0.86	-	1.22									
Cash & Equivalents	2.50	_	4.52		0							
Other	0.00	-	0.75									

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Notes 3.13%	08-2027	2.73	2.73	_
⊕ First American Government Obligs U	02-2030	2.20	4.92	_
⊕ United States Treasury Bonds 3.88%	05-2043	1.97	6.89	_
─ United States Treasury Bonds 3.38%	08-2042	1.83	8.72	_
⊕ United States Treasury Notes 2.75%	05-2029	1.72	10.44	_
United States Treasury Bonds 2.88%	05-2043	1.63	12.07	_
─ United States Treasury Bonds 2.5%	02-2045	1.50	13.57	_
─ United States Treasury Notes 4.38%	08-2026	1.39	14.96	_
─ United States Treasury Notes 1.13%	10-2026	1.31	16.27	_
United States Treasury Bonds 2.88%	05-2052	1.23	17.50	_

Total Holdings 1713



# BlackRock High Yield K BRHYX

#### Morningstar Category High Yield Bond

# Morningstar Index

ICE BofA US High Yield TR USD

# Portfolio Manager(s)

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

### **Quantitative Screens**

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

Management: The fund's management has been in place for 14.76 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.48 is 46.07% lower than the High Yield Bond category average.

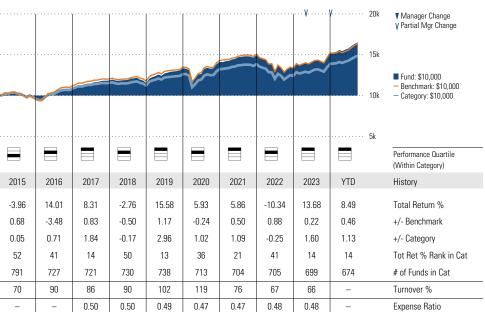
### **Morningstar Investment Management LLC Analysis**

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

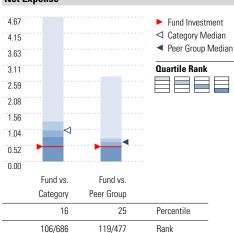
### **ESG Metrics**

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

# 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

	Fund	Bmark	Cat
Alpha	0.64	_	0.02
Beta	0.99	_	0.89
R-Squared	99.54	-	94.57
Standard Deviation	8.58	8.62	7.84
Sharpe Ratio	0.03	-0.05	-0.09
Tracking Error	0.58	_	1.90
Information Ratio	1.10	_	-0.35
Up Capture Ratio	101.68	_	88.54
Down Capture Ratio	95.92	_	88.27

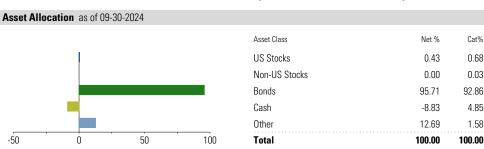
Portfolio Metrics				
	Fund	Bmark	Cat	
Avg Eff Duration	3.14	_	3.05	
Avg Eff Maturity	4.01	_	4.96	



# BlackRock High Yield K BRHYX

Style Anal	ysis as	s of 09-30-	2024	
Style Breako Fixed Income	lown	Quality		
		High		
		Mid		
		Low		
Ltd Mod Duration	Ext	T		

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	1.71	_	2.74
AA	0.00	_	1.70
A	0.05	_	0.91
BBB	3.92	_	5.62
BB	31.18	_	31.37
В	48.78	_	33.40
Below B	13.13	_	21.98
Not Rated	1.23	_	2.28



**Morningstar Category** 

High Yield Bond

Morningstar Index

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

ICE BofA US High Yield TR USD

0-2024			
Fund	Bmark	Cat	Fund ▼ Benchmark 🛚 Category Average
0.38	-	2.47	
0.00	-	1.12	
0.00	_	0.00	
0.00	_	0.00	
0.38	_	1.35	
95.55	_	89.19	
83.32	_	86.65	
8.75	_	1.71	
1.38	_	0.46	
2.10	_	0.37	
0.09	_	1.55	
0.00	_	0.12	
0.00	_	0.00	
0.00	_	0.06	
0.00	_	0.05	
0.00	_	0.22	
0.09	_	1.10	
0.00	_	0.00	
0.00	-	0.04	Ŏ i i i i i i i i i i i i i i i i i i i
1.03	-	6.18	• 0
2.96	-	0.57	
	0.38 0.00 0.00 0.00 0.38 95.55 83.32 8.75 1.38 2.10 0.09 0.00 0.00 0.00 0.00 0.00 0.00 0	Fund         Bmark           0.38         -           0.00         -           0.00         -           0.38         -           95.55         -           83.32         -           8.75         -           1.38         -           2.10         -           0.09         -           0.00         -	Fund         Bmark         Cat           0.38         —         2.47           0.00         —         0.00           0.00         —         0.00           0.38         —         1.35           95.55         —         89.19           83.32         —         86.65           8.75         —         1.71           1.38         —         0.46           2.10         —         0.37           0.09         —         1.55           0.00         —         0.00           0.00         —         0.00           0.00         —         0.05           0.00         —         0.22           0.09         —         1.10           0.00         —         0.00           0.00         —         0.00           0.00         —         0.00           0.00         —         0.00           0.00         —         0.00           0.00         —         0.00           0.00         —         0.00           0.00         —         0.00           0.00         —         0.00

Top 10 Holdings as of 09-30-2024 Name Maturity Date % Net Asset Cumulative % Fixed Income Sector ☼ Cash Offset 7.78 7.78 iShares Broad USD High Yield Corp Bd ETF 4.46 12.24 ⊕ EUR/USD Purchased 2.56 12-2024 14.80 **①** EUR/USD Purchased 12-2024 2.56 17.36 ⊕ Ice: (Cdx.Na.Hy.43.V1) 12-2029 2.18 19.54 → USD CASH(Committed) 10-2024 1.35 20.89 TRSWAP: IBOXHY INDEX 03-2025 1.06 21.95 HUB International Ltd. 01-2032 1.04 23.00 Venture Global LNG Inc. 12-2079 1.01 24.00 HUB International Ltd. 0.86 06-2030 24.86

Total Holdings 1585



# 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 6.42 years.
- Style: The fund has landed in its primary style box Large Blend — 96.55 % of the time over the past three
- Net Expense: The fund's expense ratio of 0.09 is 84.48% lower than the Target-Date 2030 category average.

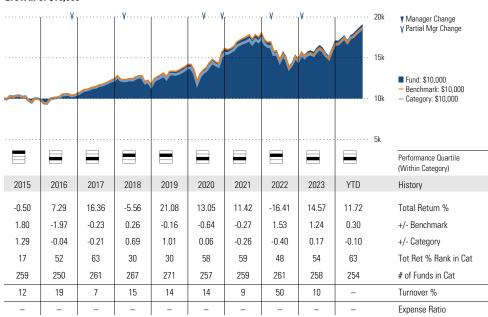
### **Morningstar Investment Management LLC Analysis**

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.

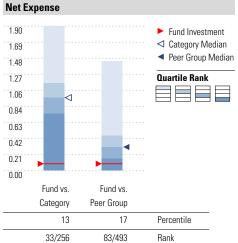
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	07-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	04-07-2022

# Growth of \$10,000







3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	1.10	-	1.32
Beta	0.94	-	0.90
R-Squared	99.29	-	98.45
Standard Deviation	12.87	13.64	12.42
Sharpe Ratio	0.05	-0.02	0.06
Tracking Error	1.36	-	2.05
Information Ratio	0.75	-	0.64
Up Capture Ratio	97.14	-	94.25
Down Capture Ratio	91.56	-	87.55

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	21.65	21.22	22.01
Price/Book Ratio	2.78	2.77	3.08
Avg Eff Duration	3.08	-	5.81





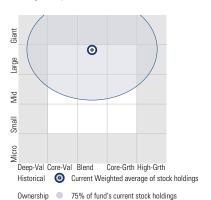
# BlackRock LifePath® Index 2030 K LINKX

**Morningstar Category** Target-Date 2030

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

# Style Analysis as of 09-30-2024

Morningstar Style Box™



# Style Breakdown

Equity

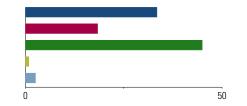
Lquity			
20	33	21	Large
6	10	5	Mid
1	2	1	Small

Value Blend Growth



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

## Asset Allocation as of 09-30-2024



Asset Class Net % Cat% US Stocks 33.42 34.63 Non-US Stocks 18.32 15.60 Bonds 44.93 31.97 Cash 0.80 1.84 Other 2.52 15.95 Total 100.00 100.00

		Fund	Bmark	Cat	Fund	▼ Ben	chmark	Ca	tegory	Averaç	ge	
Ն	Cyclical	36.48	36.82	32.58					,		,	
â.	Basic Materials	3.90	4.07	3.81								
A	Consumer Cyclical	10.13	10.26	10.16								
æ	Financial Services	14.83	15.03	15.18								
æ	Real Estate	7.62	7.46	3.43								
M	Sensitive	44.91	44.14	47.10								
	Communication Services	7.31	6.48	7.24								
ð	Energy	3.75	3.92	4.11								
¢	Industrials	10.17	11.12	10.78					_			
	Technology	23.68	22.62	24.97					j			
<b>→</b>	Defensive	18.62	19.04	20.31		_						
=	Consumer Defensive	5.82	5.70	5.70		]						
٠	Healthcare	10.21	10.52	11.83								
•	Utilities	2.59	2.82	2.78								

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ Blackrock Russell 1000 Index Fund F	_	32.00	32.00	_	_
∋ iShares Core MSCI Total Intl Stk ETF	_	17.40	49.40	_	_
⊕ iShares US Securitized Bond Index	-	10.61	60.01	_	_
⊕ iShares US Intermediate Gov Bd Idx	-	9.18	69.19	_	-
⊕ iShares US Intermediate Credit Bond Idx	-	9.18	78.37	-	-
→ iShares TIPS Bond ETF	_	6.89	85.26	_	_
⊕ iShares US Long Government Bond ldx	-	6.36	91.62	_	_
∋ iShares US Long Credit Bond Index	-	3.17	94.78	_	_
∋ iShares Developed Real Estate ldx K	-	2.60	97.39	_	-
Blackrock Small Cap Index Fund	_	2.48	99.86	_	_

# Total Holdings 12



# BlackRock LifePath® Index 2035 K LIJKX

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

- ❷ Performance: The fund has finished in the Target-Date
  2035 category's top three quartiles in 10 of the 10 years it's
  been in existence.
- Management: The fund's management has been in place for 6.42 years.
- Net Expense: The fund's expense ratio of 0.09 is 84.48% lower than the Target-Date 2035 category average.

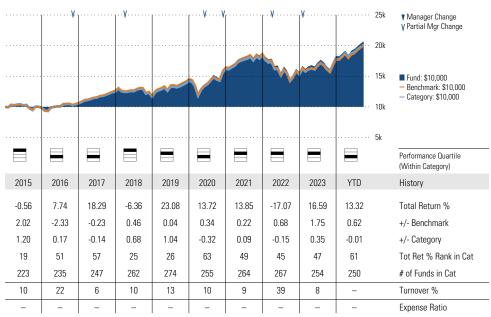
### **Morningstar Investment Management LLC Analysis**

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.

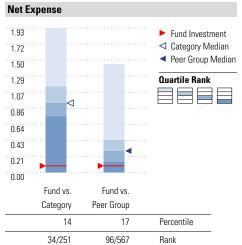
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	07-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	04-07-2022

# Growth of \$10,000







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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.14	_	1.24
Beta	0.97	_	0.94
R-Squared	99.18	_	98.44
Standard Deviation	14.11	14.56	13.75
Sharpe Ratio	0.13	0.06	0.13
Tracking Error	1.38	_	1.96
Information Ratio	0.78	_	0.59
Up Capture Ratio	99.84	_	97.03
Down Capture Ratio	94.58	_	91.26

Portfolio Metrics									
	Fund	Bmark	Cat						
Price/Earnings Ratio	21.63	21.00	21.82						
Price/Book Ratio	2.77	2.74	3.01						
Avg Eff Duration	2.41	-	6.45						



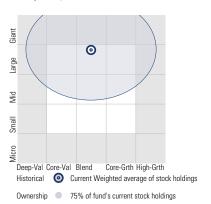


# BlackRock LifePath® Index 2035 K LIJKX

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

# Style Analysis as of 09-30-2024

Morningstar Style Box™



# Style Breakdown

Equity

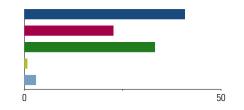
Lquity			
20	33	21	Large
6	10	5	Mid
1	2	1	Small
1	-2	1	=

Value Blend Growth

Fixed Income Quality High MidLow Mod Ltd Duration

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

# Asset Allocation as of 09-30-2024



Total	100.00	100.00
Other	2.86	15.37
Cash	0.67	2.21
Bonds	33.14	23.01
Non-US Stocks	22.57	18.56
US Stocks	40.76	40.86
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	▼ Be	nchmar	k [] Ca	ategory	Averag	je	
⊌ Cyclical		36.56	36.71	33.22								
Basic Mate	rials	3.92	4.15	3.75								
Consumer C	yclical	10.12	10.34	10.24								
📴 Financial Se	ervices	14.83	15.22	15.16								
Real Estate		7.69	7.00	4.07								
Sensitive		44.84	44.21	46.65								
Communica	tion Services	7.30	6.48	7.19								
Energy		3.74	3.97	4.07								
Industrials		10.19	11.26	10.70			'		_ :			
Technology		23.61	22.50	24.69								
→ Defensive		18.61	19.08	20.13								
Consumer D	efensive	5.81	5.73	5.71		0						
Healthcare		10.19	10.52	11.64	_	'						
Utilities		2.61	2.83	2.78								

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⇒ Blackrock Russell 1000 Index Fund F	_	38.98	38.98	_	_
⇒ iShares Core MSCI Total Intl Stk ETF	_	21.43	60.41	_	_
⊕ iShares US Securitized Bond Index	_	7.60	68.01	_	_
⊕ iShares US Intermediate Gov Bd ldx	_	6.30	74.31	_	_
⊕ iShares TIPS Bond ETF	-	5.90	80.20	_	-
⊕ iShares US Intermediate Credit Bond Idx	_	5.08	85.29	_	_
⊕ iShares US Long Government Bond ldx	_	4.56	89.85	_	_
⊕ iShares US Long Credit Bond Index	_	4.03	93.87	_	_
∋ iShares Developed Real Estate ldx K	_	3.24	97.11	_	_
⊕ Blackrock Small Cap Index Fund	_	2.82	99.93	_	_

## Total Holdings 12



# BlackRock LifePath® Index 2040 K LIKKX

Morningstar Category Target-Date 2040 Morningstar Index Morningstar Lifetime Mod 2040 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
  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 6.42 years.
- Net Expense: The fund's expense ratio of 0.09 is 85% lower than the Target-Date 2040 category average.

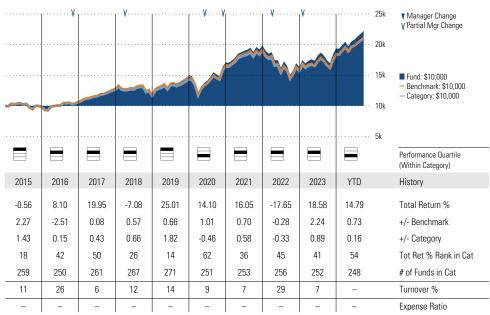
### **Morningstar Investment Management LLC Analysis**

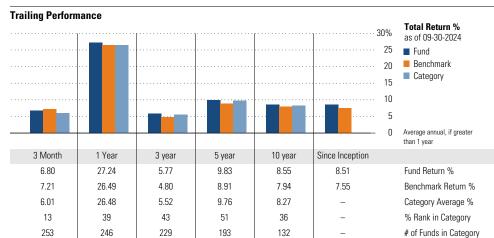
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

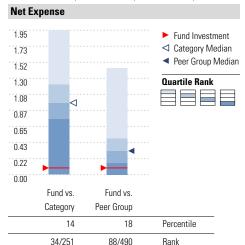
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	07-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	04-07-2022

# Growth of \$10,000







3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	0.98	_	0.93
Beta	0.99	-	0.96
R-Squared	99.04	_	98.37
Standard Deviation	15.26	15.37	14.81
Sharpe Ratio	0.19	0.13	0.19
Tracking Error	1.51	_	2.07
Information Ratio	0.64	_	0.40
Up Capture Ratio	101.83	_	97.87
Down Capture Ratio	97.71	_	93.81

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	21.61	20.79	21.69
Price/Book Ratio	2.77	2.70	3.00
Avg Eff Duration	1.72	-	7.09



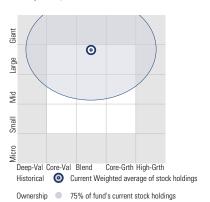
# BlackRock LifePath® Index 2040 K LIKKX

Quality High Mid

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

# Style Analysis as of 09-30-2024

Morningstar Style Box™



# Style Breakdown

Equity				Fixed I	ncome	
20	33	21	Large			
6	10	5	Mid			
1	2	1	Small			
Value	Pland	Crowth		Ltd	Mod	Ev+

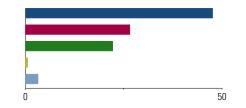
Duration

Value Blend Growth

>50 25-50 10-25 0-10

Weight %

# Asset Allocation as of 09-30-2024



Total	100.00	100.00
Other	3.17	14.21
Cash	0.53	1.65
Bonds	22.17	13.36
Non-US Stocks	26.54	22.60
US Stocks	47.59	48.18
Asset Class	Net %	Cat%

	Fund	Bmark	Cat	Fund	▼ Ben	chmark	: [] Ca	ategory	Avera	ge
Cyclical	36.62	36.68	33.22							
Basic Materials	3.93	4.25	3.76							
Consumer Cyclical	10.13	10.42	10.28							
Financial Services	14.83	15.39	15.31							
Real Estate	7.73	6.62	3.87							
Sensitive	44.79	44.22	46.67							
Communication Services	7.28	6.47	7.16							
Energy	3.75	4.00	4.15							
Industrials	10.18	11.39	10.85					_ :		
Technology	23.58	22.36	24.51							
Defensive	18.58	19.12	20.10		_		<b>[</b>			
Consumer Defensive	5.81	5.76	5.62		0					
Healthcare	10.17	10.52	11.78							
Utilities	2.60	2.84	2.70							

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ Blackrock Russell 1000 Index Fund F	_	45.49	45.49	_	_
⊝ iShares Core MSCI Total Intl Stk ETF	_	25.20	70.68	_	_
⊕ iShares US Securitized Bond Index	_	4.90	75.59	_	_
⊕ iShares TIPS Bond ETF	_	4.53	80.12	_	_
⊕ iShares US Long Credit Bond Index	-	3.94	84.06	_	-
⇒ iShares Developed Real Estate Idx K	_	3.82	87.88	_	_
⊕ Blackrock Small Cap Index Fund	_	3.12	91.00	_	_
⊕ iShares US Intermediate Gov Bd ldx	-	3.10	94.09	_	-
⊕ iShares US Long Government Bond ldx	_	3.04	97.13	_	_
⊕ iShares US Intermediate Credit Bond Idx	_	2.87	100.00	_	_

## Total Holdings 12



# BlackRock LifePath® Index 2045 K LIHKX

Morningstar Category Target-Date 2045 Morningstar Index Morningstar Lifetime Mod 2045 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
  2045 category's top three quartiles in 10 of the 10 years it's
  been in existence.
- Management: The fund's management has been in place for 6.42 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 85% lower than the Target-Date 2045 category average.

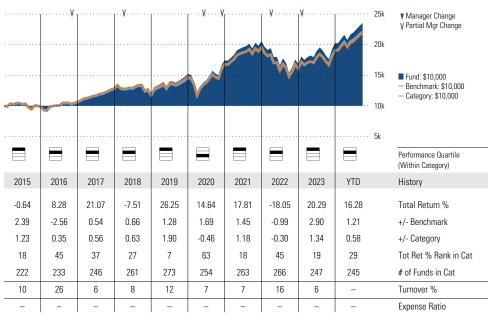
### **Morningstar Investment Management LLC Analysis**

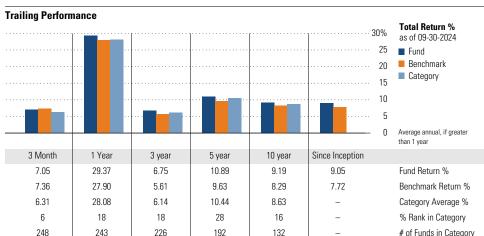
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

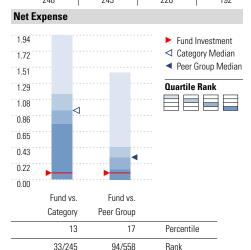
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	07-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	04-07-2022

# Growth of \$10,000







3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	1.03	_	0.68
Beta	1.01	_	0.97
R-Squared	98.90	_	98.31
Standard Deviation	16.24	15.95	15.58
Sharpe Ratio	0.25	0.18	0.22
Tracking Error	1.71	-	2.11
Information Ratio	0.66	-	0.26
Up Capture Ratio	104.42	-	98.55
Down Capture Ratio	100.31	_	95.74

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	21.60	20.61	21.42
Price/Book Ratio	2.77	2.67	2.90
Avg Eff Duration	1.05	_	7.94



# BlackRock LifePath® Index 2045 K LIHKX

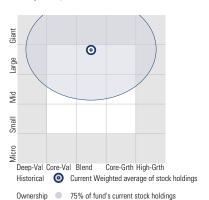
Quality High MidLow

**Morningstar Category** Target-Date 2045

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

# Style Analysis as of 09-30-2024

Morningstar Style Box™



# Style Breakdown

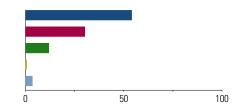
Weight %

Equity				Fixed	Income
20	33	21	Large		
6	10	5	Mid		
1	2	1	Small		
Value	Blend	Growth		Ltd	Mod

Duration

>50 25-50 10-25 0-10

### Asset Allocation as of 09-30-2024



Total	100.00	100.00
Other	3.46	11.44
Cash	0.59	0.78
Bonds	11.86	8.96
Non-US Stocks	30.13	27.17
US Stocks	53.97	51.65
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 09-	30-2024			
		Fund	Bmark	Cat	Fund Benchmark Category Average
<b>Դ</b>	Cyclical	36.61	36.75	33.94	
â.	Basic Materials	3.92	4.32	3.97	
4	Consumer Cyclical	10.13	10.48	10.30	
<u></u>	Financial Services	14.83	15.53	15.56	
ŧ	Real Estate	7.73	6.42	4.11	
M	Sensitive	44.80	44.16	46.37	
	Communication Services	7.29	6.45	7.14	
•	Energy	3.75	4.03	4.16	
þ	Industrials	10.19	11.49	10.94	
1	Technology	23.57	22.19	24.13	
<b>→</b>	Defensive	18.57	19.11	19.69	
=	Consumer Defensive	5.80	5.77	5.68	
ř	Healthcare	10.18	10.50	11.38	
•	Utilities	2.59	2.84	2.63	
					0% 5 10 15 20 25 30 35 40 45 5

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Secto
Name	Maturity Date	/0 INEL ASSEL	Guillulative /6	TTD NetuIII /6	Worlingstar Secto
∋ Blackrock Russell 1000 Index Fund F	_	51.58	51.58	_	_
⊕ iShares Core MSCI Total Intl Stk ETF	-	28.61	80.19	-	_
∋ iShares Developed Real Estate ldx K	-	4.33	84.52	_	_
⊕ iShares US Long Credit Bond Index	-	4.09	88.61	_	_
⊕ Blackrock Small Cap Index Fund	-	3.40	92.00	-	-
⊕ iShares TIPS Bond ETF	_	2.90	94.91	_	_
⊕ iShares US Securitized Bond Index	-	2.47	97.38	-	_
⊕ iShares US Long Government Bond ldx	-	1.23	98.60	-	_
⊕ iShares US Intermediate Credit Bond Idx	-	0.72	99.32	_	_
⊕ iShares US Intermediate Gov Bd Idx	_	0.57	99.89	_	_

## Total Holdings 12



# BlackRock LifePath® Index 2050 K LIPKX

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

# 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

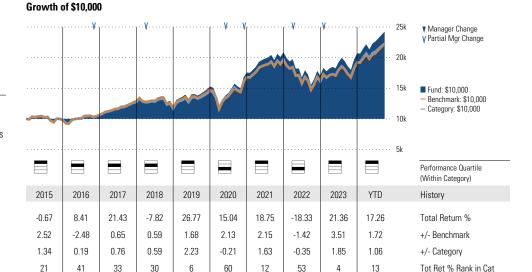
- Performance: The fund has finished in the Target-Date 2050 category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 6.42 years.
- Style: The fund has landed in its primary style box Large Blend — 96.67 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.09 is 85.25% 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	07-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	04-07-2022



252

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254

11

249

5

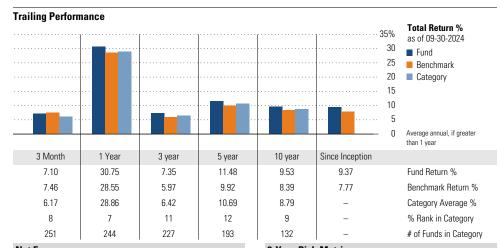
246

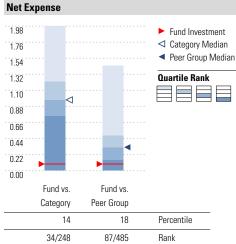
271

12

250

6





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

3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	1.20	_	0.58
Beta	1.03	_	0.98
R-Squared	98.77	_	98.21
Standard Deviation	16.75	16.21	15.99
Sharpe Ratio	0.28	0.20	0.23
Tracking Error	1.90	_	2.18
Information Ratio	0.72	_	0.21
Up Capture Ratio	106.34	_	99.18
Down Capture Ratio	101.72	_	96.89

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	21.58	20.44	21.41
Price/Book Ratio	2.78	2.63	2.91
Avg Eff Duration	0.49	_	7.99



248

14

242

28

257

5

267

11

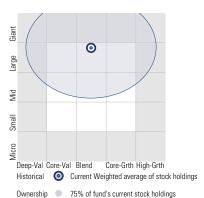
# BlackRock LifePath® Index 2050 K LIPKX

Morningstar Category
Target-Date 2050
Morningst

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

# Style Analysis as of 09-30-2024

Morningstar Style Box™



# Style Breakdown

Equity

Lquity			
20	33	21	Large
6	10	5	Mid
1	2	1	Small

Value Blend Growth

Fixed Income

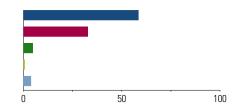
Quality

High
Mid

Ltd Mod Ext
Duration

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

# Asset Allocation as of 09-30-2024



Total	100.00	100.00
Other	3.73	10.24
Cash	0.53	0.64
Bonds	4.65	5.97
Non-US Stocks	32.67	28.46
US Stocks	58.43	54.68
Asset Class	Net %	Cat%

Sector Weighting as of 09-	30-2024			
	Fund	Bmark	Cat	Fund Fenchmark Category Average
<b>℃</b> Cyclical	36.40	36.90	33.97	
Basic Materials	3.94	4.38	3.96	
Consumer Cyclical	10.16	10.51	10.32	
Financial Services	14.89	15.64	15.67	
Real Estate	7.41	6.37	4.02	
✓ Sensitive	44.95	44.01	46.38	
Communication Services	7.31	6.42	7.13	
<b>Energy</b>	3.77	4.04	4.18	
Industrials	10.22	11.57	11.02	
Technology	23.65	21.98	24.05	
→ Defensive	18.64	19.09	19.64	
Consumer Defensive	5.83	5.77	5.64	
Healthcare	10.21	10.47	11.41	
Utilities	2.60	2.85	2.59	
				0% 5 10 15 20 25 30 35 40 45

Top 9 Holdings as of 09-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ Blackrock Russell 1000 Index Fund F	_	56.03	56.03	_	_
∋ iShares Core MSCI Total Intl Stk ETF	_	31.13	87.16	_	_
∋ iShares Developed Real Estate Idx K	_	4.39	91.55	_	-
⊕ Blackrock Small Cap Index Fund	_	3.66	95.21	_	-
⊕ iShares US Long Credit Bond Index	_	3.22	98.42	_	_
⊕ iShares TIPS Bond ETF	_	1.30	99.72	_	_
⊕ BlackRock Cash Funds Treasury SL Agency	_	0.20	99.92	_	-
⊕ iShares US Long Government Bond Idx	_	0.16	100.08	_	_
USD CASH(Alpha Committed)	10-2024	0.08	100.16	_	_

# Total Holdings 9



# 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 6.42 years.
- Net Expense: The fund's expense ratio of 0.09 is 85.25% lower than the Target-Date 2055 category average.

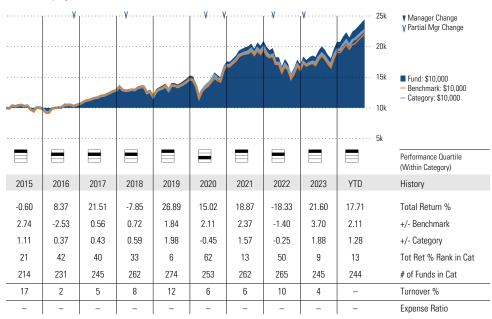
### **Morningstar Investment Management LLC Analysis**

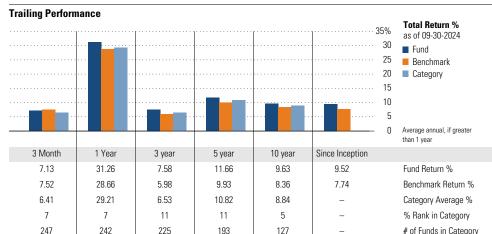
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

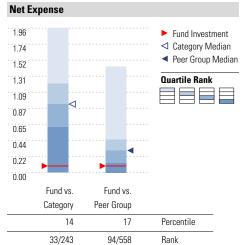
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	07-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	04-07-2022

### Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.40	_	0.69
Beta	1.03	_	0.98
R-Squared	98.66	_	98.17
Standard Deviation	16.85	16.29	16.14
Sharpe Ratio	0.29	0.20	0.24
Tracking Error	2.00	_	2.21
Information Ratio	0.80	_	0.25
Up Capture Ratio	106.95	_	99.89
Down Capture Ratio	101.54	_	97.19

Portfolio Metrics							
	Fund	Bmark	Cat				
Price/Earnings Ratio	21.58	20.29	21.35				
Price/Book Ratio	2.78	2.60	2.88				
Avg Eff Duration	0.15	_	9.27				

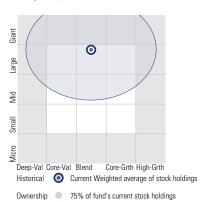


# BlackRock LifePath® Index 2055 K LIVKX

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

# Style Analysis as of 09-30-2024

Morningstar Style Box™



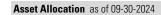
# Style Breakdown

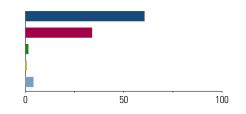
Weight %

Equity				Fixed I	ncome		Quality
20	33	21	Large				High
6	10	5	Mid				Mid
1	2	1	Small				Low
Value	Blend	Growth		l td	Mod	Fxt	

Duration

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	3.91	11.80
Cash	0.55	0.68
Bonds	1.32	5.49
Non-US Stocks	33.76	27.77
US Stocks	60.47	54.28
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 09-3	30-2024			
		Fund	Bmark	Cat	Fund • Benchmark   Category Average
Ն	Cyclical	36.26	37.14	34.12	
A.	Basic Materials	3.95	4.44	4.02	
<b>A</b>	Consumer Cyclical	10.19	10.53	10.36	
æ	Financial Services	14.92	15.74	15.55	<u> </u>
<b>fi</b>	Real Estate	7.20	6.43	4.19	
M	Sensitive	45.05	43.84	46.34	
	Communication Services	7.33	6.39	7.12	
ð	Energy	3.77	4.06	4.11	
Ф	Industrials	10.24	11.64	11.05	
	Technology	23.71	21.75	24.06	
<b>→</b>	Defensive	18.69	19.02	19.54	
	Consumer Defensive	5.84	5.76	5.67	
٠	Healthcare	10.24	10.41	11.27	
•	Utilities	2.61	2.85	2.60	

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Blackrock Russell 1000 Index Fund F	_	58.14	58.14	_	_
⊕ iShares Core MSCI Total Intl Stk ETF	_	32.24	90.38	_	_
∋ iShares Developed Real Estate Idx K	_	4.32	94.70	_	_
⊕ Blackrock Small Cap Index Fund	_	3.84	98.54	_	_
⊕ iShares US Long Credit Bond Index	-	1.01	99.54	-	-
⊕ iShares TIPS Bond ETF	_	0.32	99.86	_	_
⊕ BlackRock Cash Funds Treasury SL Agency	-	0.20	100.06	-	_
USD CASH(Alpha Committed)	10-2024	0.06	100.12	_	_

# Total Holdings 8



# 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**

- Performance: The fund has finished in the Target-Date 2060 category's top three quartiles in 8 of the 8 years it's been in existence.
- Management: The fund's management has been in place for 6.42 years.
- Style: The fund has landed in its primary style box Large Blend — 90 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.09 is 85.25% lower than the Target-Date 2060 category average.

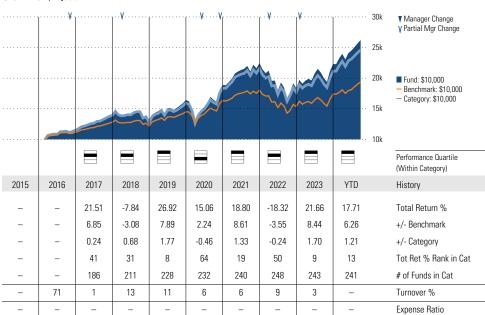
### **Morningstar Investment Management LLC Analysis**

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.

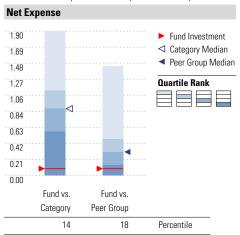
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	07-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	04-07-2022

## Growth of \$10,000





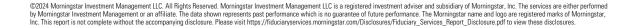


86/482 Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

Rank

3-Year RISK Wetrics			
	Fund	Bmark	Cat
Alpha	3.01	_	2.25
Beta	1.32	-	1.27
R-Squared	96.90	-	96.22
Standard Deviation	16.87	12.57	16.23
Sharpe Ratio	0.29	0.04	0.24
Tracking Error	5.01	_	4.60
Information Ratio	0.79	_	0.65
Up Capture Ratio	145.13	_	136.46
Down Capture Ratio	130.25	_	125.44

Portfolio Metrics								
	Fund	Bmark	Cat					
Price/Earnings Ratio	21.75	19.85	21.33					
Price/Book Ratio	2.82	2.47	2.88					
Avg Eff Duration	0.12	-	8.54					



33/242



# BlackRock LifePath® Index 2060 K LIZKX

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

Morningstar Mod Tgt Risk TR USD

Style Analysis as of 09-30-2024

Morningstar Style Box™





Weight %

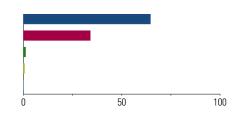
Equity				Fixed In	come
20	33	21	Large		
6	10	5	Mid		
1	2	1	Small		
Value	Dland	Crosseth		Land	Mad

Value Blend Growth

>50 25-50 10-25 0-10

High MidLow Mod I td Duration

Quality



Asset Allocation as of 09-30-2024

Asset Class Net % Cat% US Stocks 54.01 64.55 Non-US Stocks 33.91 29.75 Bonds 1.00 5.27 Cash 0.48 0.29 Other 0.07 10.67 Total 100.00 100.00

		Fund	Bmark	Cat	Fund	1	▼ Bend	chmark	- I c	ategory	Avera	ne			
<sub>Մ</sub>	Cyclical	35.92	38.88	34.14			Dom			atogo.,	7.17.01.0		7		
A.	Basic Materials	3.88	4.68	4.40		<b>■</b> [									
4	Consumer Cyclical	10.20	10.74	10.10											
÷	Financial Services	14.84	16.71	15.69				_['							
ŧ	Real Estate	7.00	6.75	3.95											
M	Sensitive	45.34	41.54	46.41									<b>T</b>	_ [	
d	Communication Services	7.38	5.28	6.93											
	Energy	3.76	4.30	4.61				_							
¢	Industrials	10.18	12.75	11.07				1	_						
3	Technology	24.02	19.21	23.80											
<b>→</b>	Defensive	18.74	19.59	19.46											
	Consumer Defensive	5.84	6.26	5.58			-								
٠	Healthcare	10.29	9.96	11.51											
•	Utilities	2.61	3.37	2.37		'									

<b>Top 7 Holdings</b> as of 09-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Blackrock Russell 1000 Index Fund F	_	62.26	62.26	_	_
⊕ iShares Core MSCI Total Intl Stk ETF	_	32.37	94.63	_	_
⇒ iShares Developed Real Estate Idx K	_	4.32	98.95	_	_
⊕ iShares US Long Credit Bond Index	-	0.84	99.79	_	_
⊕ BlackRock Cash Funds Treasury SL Agency	-	0.20	99.99	_	-
⊕ iShares TIPS Bond ETF	_	0.16	100.15	_	_
USD CASH(Alpha Committed)	10-2024	0.15	100.30	_	_

### Total Holdings 7



# 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**

- Performance: The fund has finished in the Target-Date 2065+ category's top three quartiles in 5 of the 5 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
- Net Expense: The fund's expense ratio of 0.09 is 84.75% lower than the Target-Date 2065+ category average.

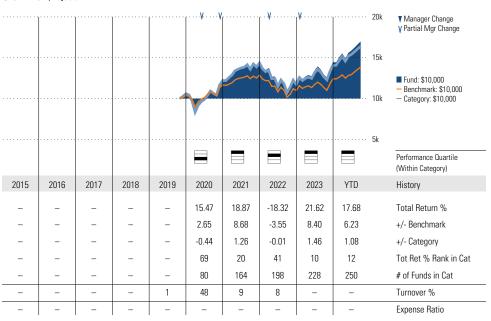
### **Morningstar Investment Management LLC Analysis**

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	07-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	04-07-2022

### Growth of \$10,000





Net Exp	ense		
1.92			► Fund Investment
1.71			Category Median
1.49			<ul> <li>Peer Group Median</li> </ul>
1.28			Quartile Rank
1.07			
0.85			
0.64			
0.43			
0.21			
0.00			
	Fund vs.	Fund vs.	
	Category	Peer Group	
	15	18	Percentile
	47/321	103/576	Rank

103/576 Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	3.00	-	2.62
Beta	1.32	-	1.27
R-Squared	96.89	_	95.61
Standard Deviation	16.91	12.57	16.71
Sharpe Ratio	0.29	0.04	0.25
Tracking Error	5.05	-	5.15
Information Ratio	0.79	-	0.65
Up Capture Ratio	145.33	-	137.26
Down Capture Ratio	130.46	-	124.86

Portfolio Metrics								
Fund	Bmark	Cat						
21.59	19.85	20.90						
2.79	2.47	2.76						
0.12	-	8.96						
	21.59 2.79	21.59 19.85 2.79 2.47						



# BlackRock LifePath® Index 2065 K LIWKX

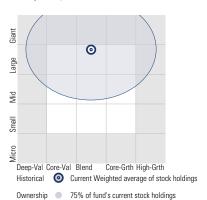
Asset Allocation as of 09-30-2024

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

Morningstar Mod Tgt Risk TR USD

# Style Analysis as of 09-30-2024

Morningstar Style Box™



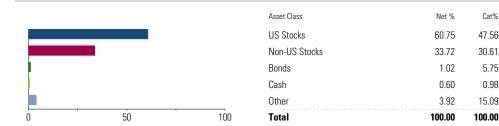
# Style Breakdown

Lquity			
20	33	21	Large
6	10	5	Mid
1	2	1	Small

Value Blend Growth



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



		Fund	Bmark	Cat	Fun	t	▼ Bend	chmark	( [] Ca	ategory	Avera	ge		
<b>Ն</b>	Cyclical	36.21	38.88	34.36									1	
ì.	Basic Materials	3.94	4.68	4.44		<b>=</b> [								
•	Consumer Cyclical	10.18	10.74	10.16										
	Financial Services	14.92	16.71	15.60										
b	Real Estate	7.17	6.75	4.16										
M	Sensitive	45.10	41.54	46.06										
	Communication Services	7.34	5.28	6.97										
•	Energy	3.77	4.30	4.36		∎ĺ.								
<b>\$</b>	Industrials	10.24	12.75	11.50				'	_					
2	Technology	23.75	19.21	23.23						0				
<b>→</b>	Defensive	18.70	19.59	19.57										
=	Consumer Defensive	5.84	6.26	5.73			1							
ŀ	Healthcare	10.25	9.96	11.41										
•	Utilities	2.61	3.37	2.43		'								

<b>Top 8 Holdings</b> as of 09-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Blackrock Russell 1000 Index Fund F	_	58.43	58.43	_	_
⊕ iShares Core MSCI Total Intl Stk ETF	-	32.20	90.63	_	-
⊕ iShares Developed Real Estate ldx K	_	4.30	94.94	-	-
Blackrock Small Cap Index Fund	_	3.85	98.79	-	-
⊕ iShares US Long Credit Bond Index	_	0.91	99.70	-	-
BlackRock Cash Funds Treasury SL Agency	_	0.20	99.90	_	_
⊕ iShares TIPS Bond ETF	_	0.11	100.00	-	-
─ USD CASH(Alpha Committed)	10-2024	0.00	100.01	_	-

## Total Holdings 8



# 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 6.42 years.

Net Expense: The fund's expense ratio of 0.09 is 83.64% lower than the Target-Date Retirement category average.

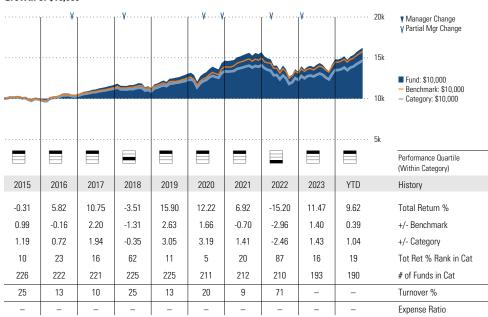
#### **Morningstar Investment Management LLC Analysis**

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.

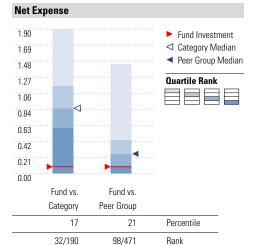
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	08-31-2024
ESG Commitment	1-Low	04-07-2022

### Growth of \$10,000







3-1 cai nisk wienics			
	Fund	Bmark	Cat
Alpha	-0.95	_	-0.49
Beta	1.16	_	0.98
R-Squared	98.82	_	97.01
Standard Deviation	10.76	9.22	9.18
Sharpe Ratio	-0.11	-0.08	-0.15
Tracking Error	1.88	_	1.77
Information Ratio	-0.33	_	-0.36
Up Capture Ratio	113.23	-	97.18
Down Capture Ratio	120.74	_	101.07

Portfolio Metrics											
	Fund	Bmark	Cat								
Price/Earnings Ratio	21.87	22.08	21.46								
Price/Book Ratio	2.79	2.94	2.78								
Avg Eff Duration	3.82	-	6.11								



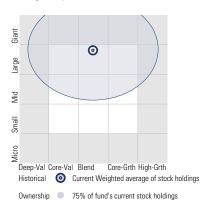
# BlackRock LifePath® Index Retire K LIRKX

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

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

# Style Analysis as of 09-30-2024

Morningstar Style Box™



# Style Breakdown

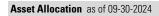
20	33	20	Large
6	10	5	Mid
1	2	1	Small

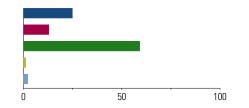
Value Blend Growth

Fixed Income Quality High MidLow Mod Ltd Duration

# Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	2.09	12.84
Cash	1.12	3.87
Bonds	59.08	53.39
Non-US Stocks	12.88	9.30
US Stocks	24.83	20.61
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	1	Bench	mark	Cate	gory Ave	erage	_	
ŀ	Cyclical	37.00	36.71	36.64									
i.	Basic Materials	3.79	3.75	3.73		ĺ	1						
<b>-</b>	Consumer Cyclical	10.03	10.01	9.75									
<u> </u>	Financial Services	14.56	14.39	14.80									
ŧ	Real Estate	8.62	8.56	8.36									
M	Sensitive	44.59	44.33	44.13									
	Communication Services	7.27	6.56	6.81									
•	Energy	3.69	3.80	3.96									
Ċ.	Industrials	9.97	10.61	10.13						_ :			
2	Technology	23.66	23.36	23.23						•			
<b>→</b>	Defensive	18.41	18.95	19.23									
÷	Consumer Defensive	5.73	5.63	5.59									
٠	Healthcare	10.11	10.53	10.63									
	Utilities	2.57	2.79	3.01									

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
2 2 4 4 5 4 5 4 5 4 5			22.54		
Ð Blackrock Russell 1000 Index Fund F	_	23.54	23.54	_	_
⊕ iShares US Intermediate Gov Bd ldx	_	20.75	44.28	-	_
€ iShares US Securitized Bond Index	-	14.29	58.57	_	_
∋ iShares Core MSCI Total Intl Stk ETF	-	12.06	70.63	_	_
iShares US Intermediate Credit Bond Idx	-	8.42	79.05	-	-
∋ iShares TIPS Bond ETF	_	7.70	86.75	_	_
⊕ iShares US Long Government Bond ldx	_	6.26	93.01	_	_
∋ iShares Developed Real Estate ldx K	_	2.30	95.31	_	_
⊕ iShares US Long Credit Bond Index	_	2.28	97.59	_	_
Blackrock Small Cap Index Fund	_	2.06	99.64	_	_

## Total Holdings 12



# Federated Hermes Govt Ultrashort R6 FGULX

Morningstar Category
Ultrashort Bond

Morningstar Index

Bloomberg US Agg Bond TR USD

### Portfolio Manager(s)

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

### **Quantitative Screens**

Performance: The fund has finished in the Ultrashort Bond category's top three quartiles in 6 of the 8 years it's been in existence.

Management: The fund's management has been in place for 27.24 years.

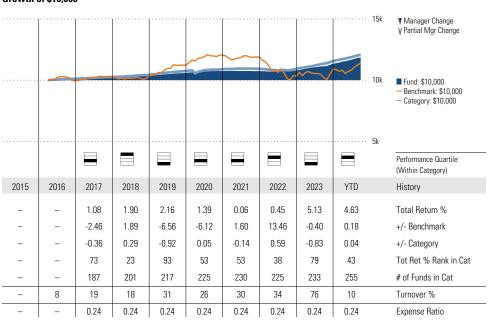
Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.24 is 40% lower than the Ultrashort Bond category average.

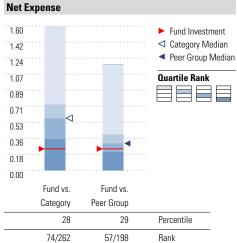
# **Morningstar Investment Management LLC Analysis**

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.

### Growth of \$10,000







3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	3.41	_	3.45
Beta	0.09	-	0.10
R-Squared	50.48	-	34.61
Standard Deviation	0.96	7.63	1.27
Sharpe Ratio	-0.82	-0.66	-0.69
Tracking Error	6.98	-	6.98
Information Ratio	0.68	-	0.68
Up Capture Ratio	23.30	-	23.03
Down Capture Ratio	-8.54	-	-9.00

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	0.69	4.43	1.24
Avg Eff Maturity	_	_	1.90



# Federated Hermes Govt Ultrashort R6 FGULX

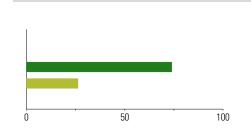
Morningstar Category
Ultrashort Bond

Morningstar Index Bloomberg US Agg Bond TR USD

Style Analysis as of 09-30-2024 Style Breakdown

Duration





Asset Allocation as of 09-30-2024

Total	100.00	100.00
Other	0.00	0.15
Cash	26.16	28.72
Bonds	73.84	66.89
Non-US Stocks	0.00	0.05
US Stocks	0.00	4.20
Asset Class	Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	100.00	3.53	39.54
AA	0.00	74.59	12.56
A	0.00	10.82	16.29
BBB	0.00	8.32	17.53
BB	0.00	0.28	2.42
В	0.00	0.00	1.19
Below B	0.00	0.00	0.39
Not Rated	0.00	2.46	10.08

Sector Weighting as of 09-3	30-2024															
	Fund	Bmark	Cat	Fund	•	Beno	hmar	k [	Cat	egor	y Ave	erage				
Government	7.66	_	20.94													
Treasury	5.79	_	17.04													
Inflation - Protected	0.00	_	0.18													
Agency/Quasi Agency	1.87	_	0.88	0												
Other Government Related	0.00	_	2.84	10												
Corporate	0.00	-	36.21													
Corporate Bond	0.00	_	36.05	1												
Bank Loan	0.00	_	0.14													
Convertible	0.00	_	0.00													
Preferred	0.00	_	0.02													
Securitized	69.83	-	20.68													
Agency MBS Pass-Through	14.62	_	0.95													
Agency MBS ARM	0.06	_	0.17													
Agency MBS CM0	55.15	_	1.70													
Non-Agency Residential MBS	0.00	_	0.15													
Commercial MBS	0.00	_	2.09													
Asset-Backed	0.00	_	15.62	i												
Covered Bond	0.00	_	0.00													
Municipal	0.00	_	0.50	[												
Cash & Equivalents	22.51	_	20.12													
Other	0.00	_	1.56	10												
				0% 5	10	15	20	25	30	35	40	45	50	55	60	65 70

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Hsbc Repo 4 Repo	10-2024	10.78	10.78	_
⊕ Bank Of Montreal 6 Repo	10-2024	7.19	17.97	_
⊕ Repo Bank America Repo	10-2024	3.89	21.86	_
→ FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 6.0065%	04-2033	3.50	25.37	_
⊖ Government National Mortgage Association 6.19541%	03-2054	3.19	28.55	-
⊕ Government National Mortgage Association 6.5%	06-2054	2.79	31.35	_
→ FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.9065%	12-2032	2.75	34.10	_
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.8565%	12-2032	2.57	36.67	_
⊖ Government National Mortgage Association 5.12871%	01-2073	2.50	39.18	_
● FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.93012%	07-2053	2.16	41.34	_

Total Holdings 230



# JPMorgan US Equity R6 JUEMX

# Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

### Portfolio Manager(s)

Scott Davis since 08-2014 Shilpee Raina since 11-2021

### **Quantitative Screens**

- Performance: The fund has finished in the Large Blend category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 10.13 years.
- × Style: The fund has landed in its primary style box Large Blend 41.94 % of the time over the past three years
- Net Expense: The fund's expense ratio of 0.44 is 39.73% lower than the Large Blend category average.

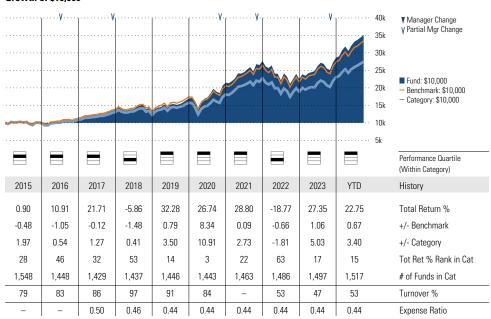
### **Morningstar Investment Management LLC Analysis**

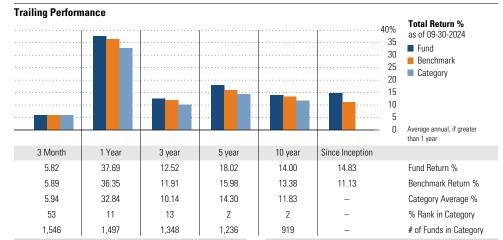
The fund fails our style consistency screen as, similar to the broad market and peers, it plots on the border with growth. We are not concerned with this screen failure.

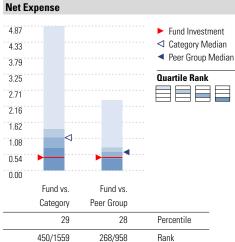
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
FSG Commitment	2-Basic	03-11-2022

### Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.74	-	-1.07
Beta	0.98	-	0.94
R-Squared	98.70	-	94.38
Standard Deviation	17.32	17.53	16.95
Sharpe Ratio	0.55	0.52	0.42
Tracking Error	2.00	-	3.71
Information Ratio	0.30	-	-1.34
Up Capture Ratio	99.39	-	92.03
Down Capture Ratio	96.56	-	96.37

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	28.47	27.50	26.80
Price/Book Ratio	5.31	4.80	5.15
Geom Avg Mkt Cap \$B	362.67	328.12	362.94
ROE	35.23	33.77	33.76



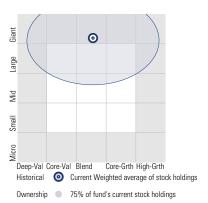
# JPMorgan US Equity R6 JUEMX

# Morningstar CategoryMorning■ Large BlendS&P 500

### Morningstar Index S&P 500 TR USD

# Style Analysis as of 09-30-2024

Morningstar Style Box™



# Style Breakdown

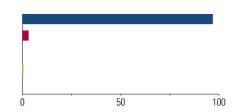
Equity

27	46	16	Large
2	3	7	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 09-30-2024

Total	100.00	100.00
Other	0.00	0.96
Cash	0.32	0.37
Bonds	0.00	0.34
Non-US Stocks	2.97	2.42
US Stocks	96.71	95.93
Asset Class	Net %	Cat%

	Fund	Bmark	Cat	Fund	<ul> <li>Benchma</li> </ul>	ark 🛚 C	ategor	y Avera	age	
Cyclical	26.63	27.13	27.70							
Basic Materials	1.87	2.00	2.54							
Consumer Cyclical	12.59	10.30	9.74							
Financial Services	11.45	12.49	13.42							
Real Estate	0.72	2.34	2.00	■ [						
Sensitive	55.88	52.68	51.46							
Communication Services	6.18	8.87	8.40	_						
Energy	4.72	3.31	3.56							
Industrials	11.01	7.59	9.69							
Technology	33.97	32.91	29.81					i		
Defensive	17.49	20.18	20.82							
Consumer Defensive	1.21	5.88	5.89							
Healthcare	12.20	11.63	12.54							
Utilities	4.08	2.67	2.39							

<b>Top 15 Holdings</b> as of 09-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	8.86	8.86	15.03	Technology
	7.71	16.57	21.40	Technology
⊕ NVIDIA Corp	7.15	23.73	145.27	Technology
	4.22	27.94	22.63	Consumer Cyclical
	3.40	31.34	62.15	Communication Svc
⊕ Alphabet Inc Class A	2.76	34.10	19.01	Communication Svc
─ UnitedHealth Group Inc	2.67	36.77	12.21	Healthcare
⊕ Lowe's Companies Inc	2.64	39.41	23.21	Consumer Cyclical
⊕ Wells Fargo & Co	2.60	42.01	17.01	Financial Services
⊕ Exxon Mobil Corp	2.51	44.52	20.09	Energy
	2.47	47.00	16.24	Financial Services
⊕ NXP Semiconductors NV	2.27	49.26	5.82	Technology
AbbVie Inc	2.25	51.51	30.43	Healthcare
⊕ Baker Hughes Co Class A	2.20	53.71	7.61	Energy
⊕ Eaton Corp PLC	2.17	55.89	38.80	Industrials

### Total Holdings 54



# MFS Mid Cap Growth R6 OTCKX

Morningstar Category

Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

### Portfolio Manager(s)

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

### **Quantitative Screens**

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

Management: The fund's management has been in place for 15.87 years.

Net Expense: The fund's expense ratio of 0.66 is
 37.74% lower than the Mid-Cap Growth category average.

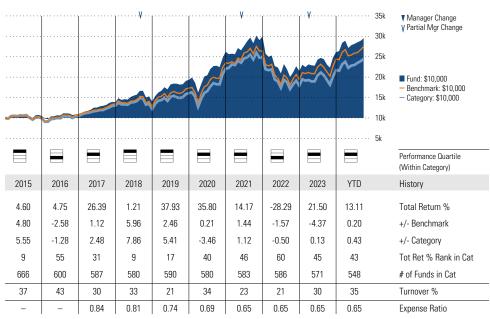
### **Morningstar Investment Management LLC Analysis**

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

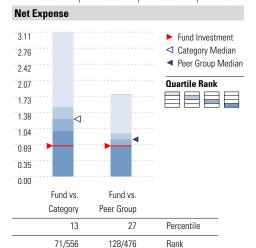
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
FSG Commitment	2-Basic	02-15-2022

### Growth of \$10,000







3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	-0.73	_	-2.53
Beta	0.92	_	0.98
R-Squared	94.82	_	90.82
Standard Deviation	20.10	21.31	22.10
Sharpe Ratio	-0.02	0.03	-0.08
Tracking Error	4.90	_	6.61
Information Ratio	-0.18	_	-0.59
Up Capture Ratio	92.39	_	94.64
Down Capture Ratio	95.16	_	104.30

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	38.57	31.89	33.60
Price/Book Ratio	6.64	8.97	5.72
Geom Avg Mkt Cap \$B	27.37	24.60	22.41
ROE	18.31	31.31	21.72



# MFS Mid Cap Growth R6 OTCKX

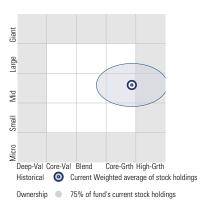
# Morningstar Category Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

# Style Analysis as of 09-30-2024

Morningstar Style Box™



# Style Breakdown

Equity

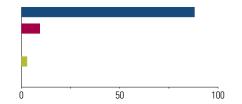
1. /			
0	4	13	raige
2	13	57	MIN
1	2	7	ollidii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

### Asset Allocation as of 09-30-2024



Total	100.00	100.00
Other	0.00	0.50
Cash	2.75	1.54
Bonds	0.00	0.05
Non-US Stocks	9.27	4.14
US Stocks	87.98	93.78
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 09-3	30-2024														
		Fund	Bmark	Cat	Fun	t	▼ Be	nchma	ark [	Cate	jory Av	/erage				
Դ	Cyclical	28.80	28.42	28.81												
A	Basic Materials	1.90	0.99	2.00												
A	Consumer Cyclical	12.64	15.37	12.82				0								
Ę	Financial Services	12.69	10.61	11.40												
<b>fi</b>	Real Estate	1.57	1.45	2.59												
W	Sensitive	54.19	53.61	50.91												
	Communication Services	6.35	2.63	3.67												
•	Energy	2.94	3.89	2.99		<b>'</b>										
Ф	Industrials	22.12	16.38	17.78		-										
	Technology	22.78	30.71	26.47							7					
<b>→</b>	Defensive	17.01	17.96	20.28				-								
Ħ	Consumer Defensive	1.66	2.43	2.45												
+	Healthcare	14.76	13.79	16.95												
•	Utilities	0.59	1.74	0.88	•											
					0%	5	10	15	20	25	30	35	40	45	50	55

<b>Top 15 Holdings</b> as of 09-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Howmet Aerospace Inc	3.32	3.32	85.57	Industrials
	2.77	6.09	47.16	Technology
⊕ Currency Cash CASH_USD	2.75	8.85	_	-
Guidewire Software Inc	2.43	11.28	67.77	Technology
Spotify Technology SA	2.25	13.53	96.12	Communication Svc
Bright Horizons Family Solutions Inc	2.18	15.71	48.69	Consumer Cyclical
Gartner Inc	2.17	17.88	12.34	Technology
MSCI Inc	2.14	20.02	3.90	Financial Services
Verisk Analytics Inc	2.13	22.15	12.67	Industrials
Tyler Technologies Inc	2.10	24.25	39.61	Technology
Take-Two Interactive Software Inc	2.09	26.34	-4.50	Communication Svc
Wolters Kluwer NV	2.05	28.38	19.26	Industrials
Westinghouse Air Brake Technologies Corp	1.97	30.36	43.71	Industrials
Arthur J. Gallagher & Co	1.86	32.22	25.92	Financial Services
Ovulcan Materials Co	1.85	34.07	10.92	Basic Materials

### Total Holdings 93



## 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 Archena Alagappan since 04-2024

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 18.76 years.

Net Expense: The fund's expense ratio of 0.76 is 31.53% lower than the Real Estate category average.

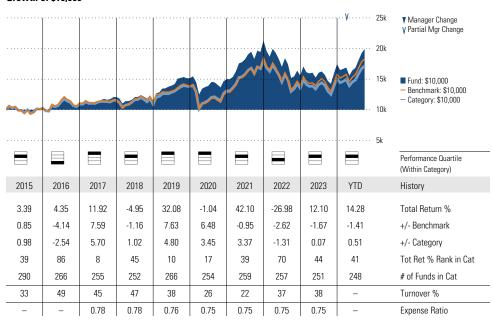
### **Morningstar Investment Management LLC Analysis**

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

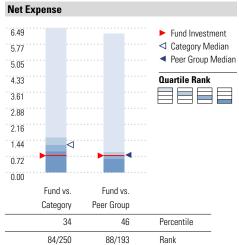
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022

### Growth of \$10,000







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

3-Year RISK Wietrics			
	Fund	Bmark	Cat
Alpha	-2.03	_	-2.12
Beta	1.01	_	0.97
R-Squared	97.32	_	94.85
Standard Deviation	21.96	21.44	21.37
Sharpe Ratio	0.06	0.16	0.05
Tracking Error	3.60	_	4.07
Information Ratio	-0.59	_	-0.70
Up Capture Ratio	97.26	_	93.85
Down Capture Ratio	103.60	_	100.60

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	39.98	38.46	36.76
Price/Book Ratio	2.55	2.42	2.68
Geom Avg Mkt Cap \$B	33.34	9.35	38.20
ROE	18.10	9.56	16.26



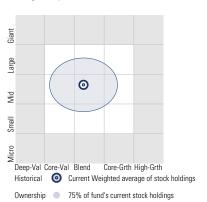
# Neuberger Berman Real Estate R6 NRREX

Morningstar Index **Morningstar Category** Real Estate

S&P United States REIT TR USD

Style Analysis as of 09-30-2024

Morningstar Style Box™



### Style Breakdown

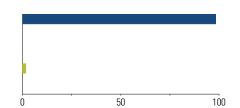
Equity

0	29	5	Large
12	38	4	Mid
4	8	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 09-30-2024

Total	100.00	100.00
Other	0.00	7.63
Cash	1.68	1.55
Bonds	0.00	1.02
Non-US Stocks	0.00	1.06
US Stocks	98.32	88.74
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	▼ B	enchmark	] Ca	itego	ry Av	erage			
<b>,</b>	Cyclical	100.00	99.13	99.07										
h.	Basic Materials	0.00	0.00	0.11										
6	Consumer Cyclical	0.00	0.13	1.78	i[									
	Financial Services	0.00	0.00	0.35										
3	Real Estate	100.00	99.00	96.83									Ė.	
A	Sensitive	0.00	0.87	0.75	Ó									
	Communication Services	0.00	0.00	0.16										
	Energy	0.00	0.00	0.02										
ŀ	Industrials	0.00	0.87	0.27	ľ									
1	Technology	0.00	0.00	0.30										
+	Defensive	0.00	0.00	0.19	İ									
	Consumer Defensive	0.00	0.00	0.00										
1	Healthcare	0.00	0.00	0.16										
1	Utilities	0.00	0.00	0.03	ĺ									

<b>Top 15 Holdings</b> as of 09-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Prologis Inc	8.85	8.85	-3.11	Real Estate
⊕ American Tower Corp	8.48	17.33	9.23	Real Estate
	7.11	24.44	11.80	Real Estate
⊕ AvalonBay Communities Inc	4.71	29.15	23.04	Real Estate
─ Welltower Inc	4.69	33.84	44.08	Real Estate
	4.58	38.42	72.69	Real Estate
─ Public Storage	4.55	42.97	22.25	Real Estate
○ Ventas Inc	4.47	47.44	30.48	Real Estate
	4.37	51.81	22.70	Real Estate
① Sun Communities Inc	3.89	55.70	3.23	Real Estate
	3.82	59.52	-3.96	Real Estate
	3.13	62.65	14.07	Real Estate
① Crown Castle Inc	2.57	65.22	7.06	Real Estate
⊕ Extra Space Storage Inc     ■	2.42	67.63	15.42	Real Estate
⊕ UDR Inc	2.39	70.02	21.73	Real Estate

Total Holdings 34



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

Management: The fund's management has been in place for 5.92 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 1 is 0.99% lower than the Commodities Broad Basket category average.

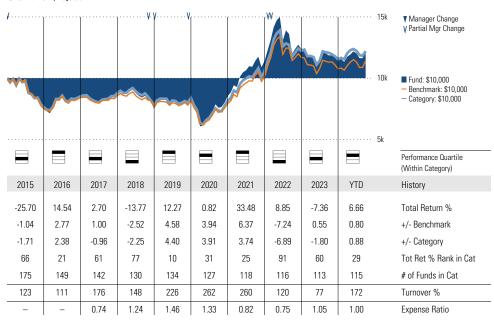
### **Morningstar Investment Management LLC Analysis**

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	08-31-2024

### Growth of \$10,000

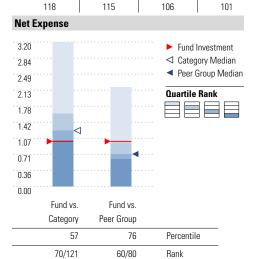


#### **Trailing Performance Total Return %** as of 09-30-2024 ■ Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year Fund Return % 1.80 3.25 2.36 8.98 0.50 3.66 0.68 0.96 3.66 7.79 0.03 2.62 Benchmark Return % -n 22 5 45 0.59 1 10 8 75 Category Average %

53

66

43



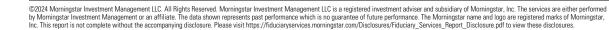
22

90

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

3-Year hisk wetrics			
	Fund	Bmark	Cat
Alpha	-1.40	_	1.47
Beta	1.09	_	0.96
R-Squared	95.67	_	88.68
Standard Deviation	17.12	15.31	15.55
Sharpe Ratio	0.00	0.06	0.14
Tracking Error	3.84	_	4.85
Information Ratio	-0.34	_	0.04
Up Capture Ratio	102.41	-	95.40
Down Capture Ratio	109.45	_	88.21

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	12.27	-	7.93
Price/Book Ratio	3.56	-	1.87
Geom Avg Mkt Cap \$B	16.44	-	44.07
ROE	29.97	-	27.17



9

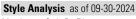


% Rank in Category

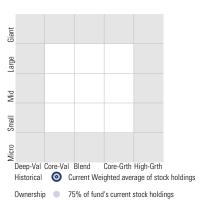
# of Funds in Category

# PIMCO Commodity Real Ret Strat Instl PCRIX

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



Morningstar Style Box™





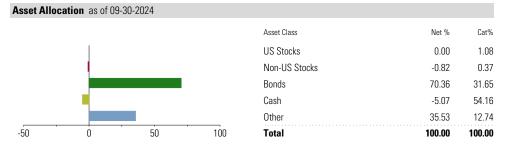
Equity



Value Blend Growth

Weight %

>50 25-50 10-25 0-10



		Fund	Bmark	Cat	Fund	▼ Be	enchma	rk [	Cateo	jory Av	erage		
ŀ	Cyclical	-	-	44.68									
ů.	Basic Materials	_	-	44.68									
Д	Consumer Cyclical	_	_	0.00	Ó								
<b>_</b>	Financial Services	_	_	0.00	0								
ŧ	Real Estate	_	-	0.00	0								
M	Sensitive	-	-	51.07									
₫	Communication Services	_	_	0.00	Ò								
ð	Energy	_	_	48.94									
¢	Industrials	_	_	2.13									
	Technology	_	_	0.00									
<b>→</b>	Defensive	-	-	4.26	[]								
=	Consumer Defensive	_	_	4.26	0								
٠	Healthcare	_	-	0.00									
•	Utilities	_	_	0.00	ĺ								

<b>Top 15 Holdings</b> as of 09-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⇒ 2 Year Treasury Note Future Sept 24	23.08	23.08	_	_
⊋ RFR EUR ESTRON/3.47500 02/26/24-1Y LCH Receive	21.17	44.25	_	_
→ RFR EUR ESTRON/3.47500 02/26/24-1Y LCH Pay	21.17	65.42	_	_
⊕ United States Treasury Notes 0.125%	16.27	81.69	_	_
☆ Offset: Unsettled Trades	13.98	95.67	-	_
☆ Cash Offset	12.35	108.02	_	_
⊕ IRS EUR 2.75000 09/18/24-10Y LCH Pay	12.23	120.25	_	_
⊕ IRS EUR 2.75000 09/18/24-10Y LCH Receive	12.18	132.43	_	_
⊕ United States Treasury Notes 0.125%	10.41	142.84	_	-
⇒ 10 Year Treasury Note Future Sept 24	9.42	152.26	-	_
⇒ US Treasury Bond Future Sept 24	9.36	161.62	_	_
	9.21	170.83	-	_
⊕ United States Treasury Notes 0.5%	8.49	179.32	-	_
→ TRS R 5.43/91282CDC2 BPS	8.46	187.78	-	_
⇒ U S TIPS REV REPO	8.43	196.21	_	_

Total Holdings 774



# PIMCO International Bond (USD-Hdg) Instl PFORX

Morningstar Category Global Bond-USD Hedged Morningstar Index

### d Bloomberg US Agg Bond TR USD

### Portfolio Manager(s)

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

### **Quantitative Screens**

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

Management: The fund's management has been in place for 10.02 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.75 is 7.14% higher than the Global Bond-USD Hedged category average.

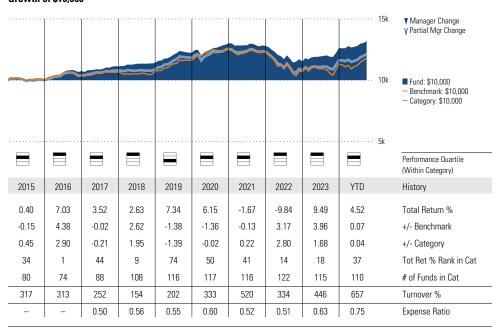
### **Morningstar Investment Management LLC Analysis**

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

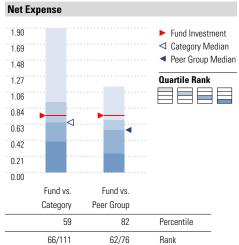
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024

### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 09-30-2024 ■ Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 5 year 10 year Since Inception 3 year 3.12 10.77 0.93 1.37 3.15 6.28 Fund Return % 5.20 11.57 -1.39 0.33 1.84 6.60 Benchmark Return % 4.01 10.90 -0 63 1 91 0.41 Category Average % 85 57 4 15 % Rank in Category 111 107 105 97 60 # 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	1.70	_	0.38
Beta	0.58	_	0.81
R-Squared	77.08	_	85.14
Standard Deviation	5.07	7.63	6.64
Sharpe Ratio	-0.57	-0.66	-0.69
Tracking Error	4.00	_	3.14
Information Ratio	0.58	_	0.21
Up Capture Ratio	64.75	_	81.19
Down Capture Ratio	49.03	_	77.95

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	5.74	4.43	5.76
Avg Eff Maturity	6.58	-	7.84



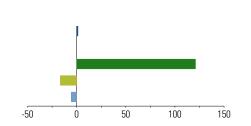
Duration

# PIMCO International Bond (USD-Hdg) Instl PFORX

Morningstar Category
Global Bond-USD Hedged

Morningstar Index Bloomberg US Agg Bond TR USD





Asset Allocation as of 09-30-2024

US Stocks 1.27  Non-US Stocks 0.00  Bonds 120.88	0.00
US Stocks 1.27	0.05
Asset Class Net %	

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	43.64	3.53	33.09
AA	14.76	74.59	11.34
A	16.99	10.82	26.03
BBB	21.56	8.32	21.22
BB	1.27	0.28	2.85
В	0.34	0.00	1.80
Below B	1.45	0.00	0.63
Not Rated	0.00	2.46	3.04

Sector Weighting as of 09-	30-2024											
	Fund	Bmark	Cat	Fund	1	Bench	mark	Cate	gory Ave	erage		
Government	42.16	-	36.58									
Treasury	5.34	_	25.15									
Inflation – Protected	0.96	_	1.24									
Agency/Quasi Agency	0.69	_	3.23		]							
Other Government Related	35.17	_	6.96									
Corporate	2.01	-	12.28									
Corporate Bond	1.92	_	11.98									
Bank Loan	0.09	_	0.17									
Convertible	0.00	_	0.09									
Preferred	0.00	_	0.04	ĺ								
Securitized	11.23	-	6.19									
Agency MBS Pass-Through	7.88	_	3.77									
Agency MBS ARM	0.00	_	0.00									
Agency MBS CMO	0.03	_	0.32	Ü								
Non-Agency Residential MBS	1.00	_	0.16									
Commercial MBS	0.13	_	0.39	0								
Asset-Backed	1.86	_	1.25									
Covered Bond	0.33	_	0.30	0								
Municipal	0.03	_	0.08									
Cash & Equivalents	31.52	_	2.69									
Other	13.04	-	42.21									
				0%	5	10	15	20	25	30	35	40 4

<b>Top 10 Holdings</b> as of 09-30-2024				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ IRS EUR 2.75000 09/18/24-5Y LCH Pay	09-2029	19.80	19.80	_
⊕ IRS EUR 2.75000 09/18/24-5Y LCH Receive	09-2029	19.75	39.54	-
⊕ CDX IG42 5Y ICE	06-2029	17.03	56.57	-
→ 3 Month SOFR Future Mar 25	06-2025	16.78	73.36	-
⊕ IRS EUR 2.75000 09/18/24-10Y LCH Pay	09-2034	14.58	87.93	-
⊕ IRS EUR 2.75000 09/18/24-10Y LCH Receive	09-2034	14.52	102.45	_
☆ Cash Offset	_	13.94	116.39	-
⊕ IRS CNY 2.25000 09/18/24-5Y LCH Receive	09-2029	13.32	129.71	-
⊕ IRS CNY 2.25000 09/18/24-5Y LCH Pay	09-2029	13.13	142.85	-
∋ 5 Year Treasury Note Future Sept 24	10-2024	12.41	155.26	-

Total Holdings 1635



# Vanguard 500 Index Admiral VFIAX

Morningstar Category
Large Blend

Morningstar Index S&P 500 TR USD

### Portfolio Manager(s)

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

#### **Quantitative Screens**

Q 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 6.84 years.

Net Expense: The fund's expense ratio of 0.04 is 94.52% lower than the Large Blend category average.

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

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

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022







Net Expe	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			
0.00			
1	Fund vs.	Fund vs.	
C	Category	Peer Group	
	8	34	Percentile
1	12/1559	187/552	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	-0.04	_	-1.07
Beta	1.00	_	0.94
R-Squared	100.00	_	94.38
Standard Deviation	17.52	17.53	16.95
Sharpe Ratio	0.51	0.52	0.42
Tracking Error	0.00	_	3.71
Information Ratio	-11.38	_	-1.34
Up Capture Ratio	99.91	-	92.03
Down Capture Ratio	100.07	_	96.37

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	27.49	27.50	26.80
Price/Book Ratio	4.80	4.80	5.15
Geom Avg Mkt Cap \$B	327.76	328.12	362.94
ROE	33.77	33.77	33.76





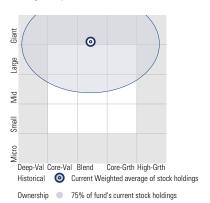
# Vanguard 500 Index Admiral VFIAX

Asset Allocation as of 09-30-2024

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

# Style Analysis as of 09-30-2024

Morningstar Style Box™



### Style Breakdown

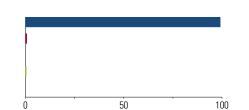
Equity

22	40	20	Large
6	9	3	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Total	100 00	100 00
Other	0.00	0.96
Cash	0.36	0.37
Bonds	0.00	0.34
Non-US Stocks	0.59	2.42
US Stocks	99.04	95.93
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	ł	▼ Bei	nchma	rk [	Categ	ory Av	erage		
Ն	Cyclical	27.10	27.13	27.70							]			
ů.	Basic Materials	2.00	2.00	2.54										
Д	Consumer Cyclical	10.29	10.30	9.74										
<b>_</b>	Financial Services	12.47	12.49	13.42										
ŧ	Real Estate	2.34	2.34	2.00										
M	Sensitive	52.74	52.68	51.46										
₫	Communication Services	8.87	8.87	8.40			0							
ð	Energy	3.31	3.31	3.56			_ :							
<b>Ģ</b>	Industrials	7.58	7.59	9.69										
	Technology	32.98	32.91	29.81								Ĭ		
<b>→</b>	Defensive	20.16	20.18	20.82										
-	Consumer Defensive	5.87	5.88	5.89										
٠	Healthcare	11.62	11.63	12.54										
•	Utilities	2.67	2.67	2.39										

<b>Top 15 Holdings</b> as of 09-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Apple Inc	7.25	7.25	21.40	Technology
	6.55	13.80	15.03	Technology
⊕ NVIDIA Corp	6.12	19.91	145.27	Technology
⊕ Amazon.com Inc	3.56	23.48	22.63	Consumer Cyclical
	2.56	26.04	62.15	Communication Svc
	1.99	28.03	19.01	Communication Svc
⊕ Berkshire Hathaway Inc Class B	1.73	29.75	29.05	Financial Services
	1.64	31.40	18.92	Communication Svc
⊕ Broadcom Inc	1.64	33.04	55.95	Technology
⊕ Tesla Inc	1.49	34.52	5.29	Consumer Cyclical
	1.43	35.96	52.65	Healthcare
→ JPMorgan Chase & Co	1.23	37.18	25.93	Financial Services
⊕ UnitedHealth Group Inc	1.11	38.29	12.21	Healthcare
⊖ Exxon Mobil Corp	1.07	39.35	20.09	Energy
⊕ Visa Inc Class A	0.93	40.29	6.21	Financial Services

Total Holdings 508



# Vanguard Emerging Mkts Stock Idx Adm VEMAX

Morningstar Category
Diversified Emerging Mkts

Morningstar Index MSCI EM NR USD

### Portfolio Manager(s)

Michael Perre since 08-2008 Jeffrey Miller since 02-2016

### **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 16.1 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 87.5% lower than the Diversified Emerging Mkts category average.

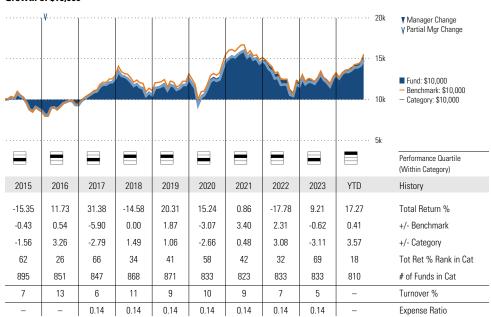
### **Morningstar Investment Management LLC Analysis**

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.

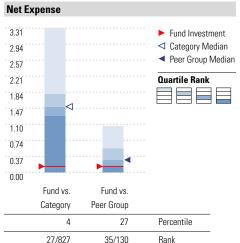
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	08-31-2024
Carbon Risk Score	Medium Risk	12-31-2022
FSG 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	1.13	_	-1.37
Beta	0.91	_	0.94
R-Squared	97.12	_	87.29
Standard Deviation	16.35	17.63	17.82
Sharpe Ratio	-0.06	-0.11	-0.18
Tracking Error	3.16	_	6.24
Information Ratio	0.38	_	-0.24
Up Capture Ratio	95.19	_	92.28
Down Capture Ratio	90.22	-	98.92

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.15	15.18	14.86
Price/Book Ratio	1.91	1.81	1.95
Geom Avg Mkt Cap \$B	27.88	47.82	57.84
ROE	16.63	16.40	18.79

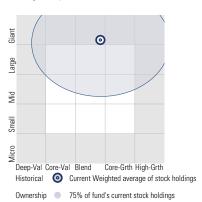


# Vanguard Emerging Mkts Stock Idx Adm VEMAX

# Morningstar CategoryMorningstar IndexDiversified Emerging MktsMSCI EM NR USD

## Style Analysis as of 09-30-2024

Morningstar Style Box™



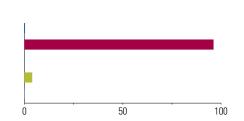
### Style Breakdown

Equity

15	29	34	Laige
6	7	5	MIN
1	2	1	ollidii
Value	Blend	Growth	

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 09-30-2024

Total	100 00	100.00
Other	0.02	0.06
Cash	3.78	2.19
Bonds	0.00	-0.02
Non-US Stocks	96.07	95.36
US Stocks	0.13	2.42
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 09-	30-2024			
		Fund	Bmark	Cat	Fund • Benchmark   Category Average
<b>Դ</b>	Cyclical	44.91	44.24	41.55	
â.	Basic Materials	7.51	6.72	5.31	
<b>A</b>	Consumer Cyclical	13.51	13.27	12.98	
ê	Financial Services	21.17	22.69	21.63	
<b>fi</b>	Real Estate	2.72	1.56	1.63	
M	Sensitive	41.58	44.04	46.84	
	Communication Services	8.93	9.97	8.69	
8	Energy	5.17	4.89	4.92	
<b>Ģ</b>	Industrials	8.45	6.95	7.36	
	Technology	19.03	22.23	25.87	
<b>→</b>	Defensive	13.50	11.72	11.62	
=	Consumer Defensive	5.37	5.00	5.82	
٠	Healthcare	4.40	3.82	3.76	
•	Utilities	3.73	2.90	2.04	
					0% 5 10 15 20 25 30 35 40 45

### World Regions % Equity 09-30-2024



	Fund %	Cat %	
Greater Asia	79.55	76.27	Δ
Japan	0.00	0.08	N
Australasia	0.00	0.04	C
Asia-4 Tigers	19.73	30.03	
Asia-ex 4 Tigers	59.82	46.12	
Not Classified	0.00	0.00	

Americas	Fund % 7.54	Cat % 12.96	Greater Europe	Fund % 12.91	Cat % 10.77	Market Maturity	Fund %
North America	0.15	2.04	United Kingdom	0.00	0.54	Developed Markets	23.71
Central/Latin	7.39	10.92	W euro-ex UK	0.68	1.72	Emerging Markets	76.29
			Emrgng Europe	1.60	2.13	Not Available	0.00
			Africa	10.63	6.38		

<b>Top 10 Holdings</b> as of 09-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
□ Taiwan Semiconductor Manufacturing Co Ltd	7.76	7.76	_	Technology
⊕ Tencent Holdings Ltd	3.70	11.46	_	Communication Svc
○ Alibaba Group Holding Ltd Ordinary Shares	2.42	13.88	39.58	Consumer Cyclical
⊕ Mktliq 12/31/2049	2.18	16.06	_	-
Meituan Class B	1.29	17.35	-	Consumer Cyclical
⊕ Reliance Industries Ltd	1.25	18.60	_	Energy
→ HDFC Bank Ltd	1.24	19.84	_	Financial Services
	1.19	21.03	_	-
	1.02	22.06	-7.86	Consumer Cyclical
	0.84	22.90	-	Technology

### Total Holdings 4971



## Vanguard Growth Index Admiral VIGAX

**Morningstar Category** Large Growth

Morningstar Index

Russell 1000 Growth TR USD

### Portfolio Manager(s)

Gerard O'Reilly since 12-1994 Walter Neiman since 04-2016

### Quantitative Screens

Performance: The fund has finished in the Large 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 29.77 years.

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

Net Expense: The fund's expense ratio of 0.05 is 94.57% lower than the Large Growth category average.

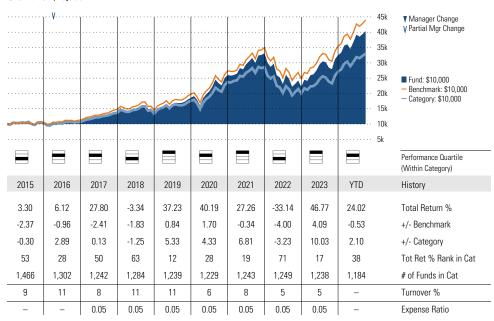
### **Morningstar Investment Management LLC Analysis**

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
FSG Commitment	1-l ow	02-15-2022

### Growth of \$10,000



#### **Trailing Performance Total Return %** 45% as of 09-30-2024 ■ Fund Benchmark Category 20 15 10 Average annual, if greater than 1 year 3 Month 1 Year 5 year 10 year Since Inception 3 yea Fund Return % 2.92 41.90 10.46 19.00 15.54 8.92 12.29 3.19 42.19 12.02 19.74 16.52 Benchmark Return % 38.83 7 39 16.08 13 73 3 70 Category Average % 59 37 24 17 18 % Rank in Category 1.197 1.172 1.107 1.034 803 # of Funds in Category

Net Expe	ense		
6.43			► Fund Investment
5.72			Category Median
5.00			◆ Peer Group Median
4.29			Quartile Rank
3.57			
2.86			
2.14			
1.43	— <		
0.71			
0.00			
	Fund vs.	Fund vs.	
C	Category	Peer Group	
	3	23	Percentile
	28/1224	31/137	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 Metrics			
	Fund	Bmark	Cat
Alpha	-1.98	_	-4.22
Beta	1.06	_	0.99
R-Squared	99.35	_	92.51
Standard Deviation	22.22	20.85	21.45
Sharpe Ratio	0.39	0.47	0.27
Tracking Error	2.21	-	5.84
Information Ratio	-0.71	_	-0.84
Up Capture Ratio	101.99	_	91.00
Down Capture Ratio	108.23	_	105.24

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	37.71	36.55	35.39
Price/Book Ratio	10.65	12.14	9.26
Geom Avg Mkt Cap \$B	618.21	675.16	541.50
ROE	41.32	44.40	41.06



# Vanguard Growth Index Admiral VIGAX

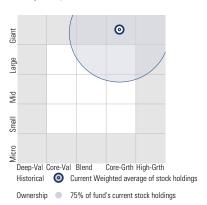
# Morningstar Category Large Growth

Morningstar Index

Russell 1000 Growth TR USD

## Style Analysis as of 09-30-2024

Morningstar Style Box™



### Style Breakdown

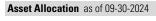
Equity

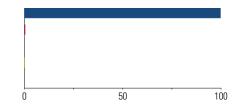
2	53	33	Large
0	4	8	MIG
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	0.81
Cash	0.06	1.11
Bonds	0.00	0.00
Non-US Stocks	0.25	4.54
US Stocks	99.69	93.54
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	▼ Be	nchmar	k []	Cateo	ory A	verag	е	
<sub>Մ</sub>	Cyclical	23.11	21.25	23.66				]					
A	Basic Materials	1.71	0.63	1.15	Ò								
A	Consumer Cyclical	14.01	14.03	13.31									
æ	Financial Services	5.83	6.00	8.36									
俞	Real Estate	1.56	0.59	0.84	Ŏ								
W	Sensitive	67.36	67.12	61.28									
	Communication Services	13.34	12.80	12.34									
•	Energy	0.82	0.40	0.83	0								
Ф	Industrials	3.35	3.49	6.11								-	
	Technology	49.85	50.43	42.00								=	
<b>→</b>	Defensive	9.53	11.63	15.05									
Ħ	Consumer Defensive	2.13	3.63	2.72									
٠	Healthcare	7.11	7.78	11.85									
0	Utilities	0.29	0.22	0.48	Ö								

<b>Top 15 Holdings</b> as of 09-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	12.06	12.06	21.40	Technology
	11.43	23.49	15.03	Technology
NVIDIA Corp	10.00	33.49	145.27	Technology
⊕ Amazon.com Inc	5.99	39.48	22.63	Consumer Cyclical
	4.74	44.22	62.15	Communication Svc
	3.31	47.52	19.01	Communication Svc
⊖ Eli Lilly and Co	2.87	50.40	52.65	Healthcare
	2.70	53.10	18.92	Communication Svc
Tesla Inc     Tesla I	2.70	55.80	5.29	Consumer Cyclical
⊕ Visa Inc Class A	1.70	57.50	6.21	Financial Services
	1.55	59.05	16.24	Financial Services
⊕ Broadcom Inc	1.53	60.59	55.95	Technology
	1.50	62.09	34.81	Consumer Defensive
Netflix Inc	1.17	63.25	45.68	Communication Svc
Advanced Micro Devices Inc	1.02	64.28	11.31	Technology

**Total Holdings** 185



# 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**

Q 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 85.07% lower than the Inflation-Protected Bond category average.

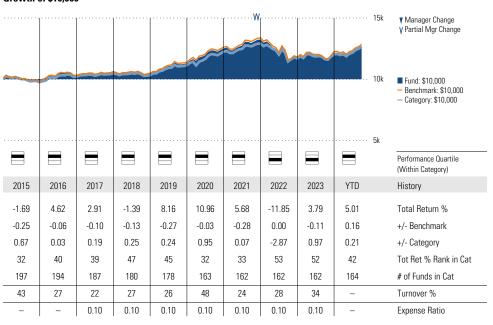
#### **Morningstar Investment Management LLC Analysis**

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

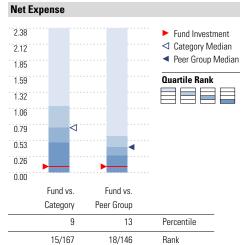
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024

### 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 Wietrics			
	Fund	Bmark	Cat
Alpha	-0.05	_	-0.25
Beta	0.99	_	1.00
R-Squared	99.74	_	96.43
Standard Deviation	7.13	7.18	7.78
Sharpe Ratio	-0.59	-0.58	-0.60
Tracking Error	0.37	_	1.66
Information Ratio	-0.13	_	-0.49
Up Capture Ratio	99.32	_	98.55
Down Capture Ratio	99.84	_	101.62

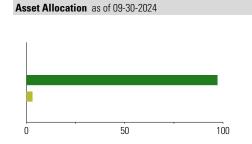
Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.70	4.52	5.50
Avg Eff Maturity	7.60	_	6.78



# Vanguard Inflation-Protected Secs Adm VAIPX

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





Total	100.00	100.00
Other	0.00	1.43
Cash	2.92	2.24
Bonds	97.08	96.14
Non-US Stocks	0.00	-0.08
US Stocks	0.00	0.28
Asset Class	Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	97.69	0.00	33.63
AA	0.00	99.60	62.08
A	0.00	0.00	0.83
BBB	0.00	0.00	0.96
BB	0.00	0.00	0.10
В	0.00	0.00	0.02
Below B	0.00	0.00	0.08
Not Rated	2.31	0.40	2.30

Sector Weighting as of 09-	30-2024													
	Fund	Bmark	Cat	Fund	•	Bench	mark	[] (	Categ	ory A	vera	age		
Government	97.08	_	85.91											
Treasury	4.27	_	0.38											
Inflation – Protected	92.81	_	80.08											
Agency/Quasi Agency	0.00	_	0.10											
Other Government Related	0.00	_	5.35											
Corporate	0.00	_	1.05	[]										
Corporate Bond	0.00	_	1.02	0										
Bank Loan	0.00	_	0.00											
Convertible	0.00	_	0.00	į į										
Preferred	0.00	_	0.03	Ó										
Securitized	0.00	-	4.67	1 [										
Agency MBS Pass-Through	0.00	_	2.24	10										
Agency MBS ARM	0.00	_	0.00											
Agency MBS CMO	0.00	_	0.38											
Non-Agency Residential MBS	0.00	_	0.05											
Commercial MBS	0.00	_	0.23											
Asset-Backed	0.00	_	1.74	[]										
Covered Bond	0.00	_	0.03	0										
Municipal	0.00	-	0.01											
Cash & Equivalents	2.92	-	8.21											
Other	0.00	_	0.14											

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

<b>Top 10 Holdings</b> as of 09-30-2024				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Notes	_	5.77	5.77	_
	_	3.75	9.52	-
⊕ United States Treasury Notes	_	3.52	13.04	-
⊕ United States Treasury Notes	_	3.47	16.50	-
⊖ United States Treasury Notes	-	3.45	19.95	_
⊕ United States Treasury Notes	-	3.26	23.22	_
→ United States Treasury Notes	_	3.21	26.43	-
⊕ United States Treasury Notes	_	3.17	29.60	-
→ United States Treasury Notes	_	3.17	32.77	_
United States Treasury Notes	_	3.09	35.86	_

Total Holdings 60



# 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 14.77 years.
- Net Expense: The fund's expense ratio of 0.31 is 69% lower than the Foreign Large Growth category average.

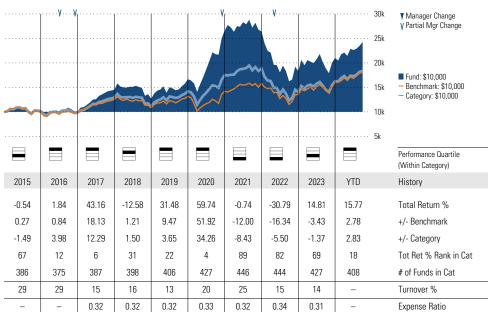
### **Morningstar Investment Management LLC Analysis**

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.

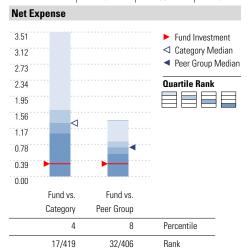
### **ESG Metrics**

Metric	Rating	Updated					
Sustainability Rating	3	08-31-2024					
Carbon Risk Score	Low Risk	12-31-2022					

# Growth of \$10,000







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

3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	-9.42	-	-5.40
Beta	1.22	_	1.10
R-Squared	81.66	_	87.58
Standard Deviation	22.88	16.95	19.97
Sharpe Ratio	-0.22	0.17	-0.08
Tracking Error	10.48	_	7.35
Information Ratio	-0.87	_	-0.73
Up Capture Ratio	97.16	_	96.05
Down Capture Ratio	137.23	_	119.05

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.17	15.74	23.36
Price/Book Ratio	3.73	1.84	3.57
Geom Avg Mkt Cap \$B	82.17	56.42	78.12
ROE	22.27	17.13	23.04



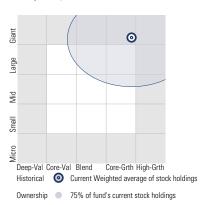
# Vanguard International Growth Adm VWILX

# Morningstar Category Foreign Large Growth

**Morningstar Index** MSCI EAFE NR USD

## Style Analysis as of 09-30-2024

Morningstar Style Box™



### Style Breakdown

Equity

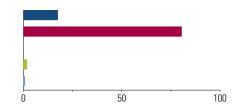
9	15	61	Large
0	7	6	Mid
0	0	2	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

### Asset Allocation as of 09-30-2024



Total	100.00	100.00
Other	0.59	0.60
Cash	1.67	2.05
Bonds	0.00	-0.16
Non-US Stocks	80.40	89.35
US Stocks	17.34	8.16
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 09-	30-2024													
		Fund	Bmark	Cat	Fund	d	• Ben	chmark	[] Ca	ategory	Avera	ge	-		
ሁ	Cyclical	34.16	39.38	33.15											
A	Basic Materials	0.58	6.91	6.67											
A	Consumer Cyclical	24.03	10.01	11.94											
<del>,</del>	Financial Services	9.55	20.12	14.19											
<b>fi</b>	Real Estate	0.00	2.34	0.35	0										
W	Sensitive	49.05	35.26	45.92											
0	Communication Services	7.54	4.82	4.20											
•	Energy	1.43	3.65	2.70		<b>,</b>			_						
Ф	Industrials	12.63	17.08	19.45											
	Technology	27.45	9.71	19.57			*								
<b>-</b>	Defensive	16.78	25.36	20.93						- 1					
Ħ	Consumer Defensive	4.11	8.56	6.06			7								
+	Healthcare	11.92	13.56	14.17											
•	Utilities	0.75	3.24	0.70		•									
					0%	5	10	15	20	25	30	35	40	45	50

### World Regions % Equity 09-30-2024



0	Fund %	Cat %
Greater Asia	30.88	27.20
Japan	6.32	13.26
Australasia	1.88	1.57
Asia-4 Tigers	9.59	6.07
Asia-ex 4 Tigers	13.09	6.30
Not Classified	0.00	0.00

Americas	Fund % 27.29	Cat % 16.16	Greater Europe	Fund % 41.82	Cat % 56.64	Market Maturity	Fund %
North America	19.82	13.53	United Kingdom	7.48	12.78	Developed Markets	79.44
Central/Latin	7.47	2.63	W euro-ex UK	34.19	43.44	Emerging Markets	20.56
			Emrgng Europe Africa	0.00 0.15	0.03 0.39	Not Available	0.00

<b>Top 10 Holdings</b> as of 09-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Taiwan Semiconductor Manufacturing Co Ltd	5.75	5.75	_	Technology
	5.08	10.83	30.57	Consumer Cyclical
	4.12	14.95	96.12	Communication Svc
Adyen NV	3.43	18.38	20.23	Technology
	3.25	21.63	10.07	Technology
Meituan Class B	2.55	24.18	_	Consumer Cyclical
	2.35	26.54	-	Industrials
Coupang Inc Ordinary Shares - Class A	2.33	28.87	51.64	Consumer Cyclical
⊖ Ferrari NV	2.28	31.15	38.32	Consumer Cyclical
PDD Holdings Inc ADR	2.14	33.28	-7.86	Consumer Cyclical

### **Total Holdings 149**

# 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 14.35 years.
- × Style: The fund has landed in its primary style box Large Value — 0 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.39 is 59.38% lower than the Foreign Large Value category average.

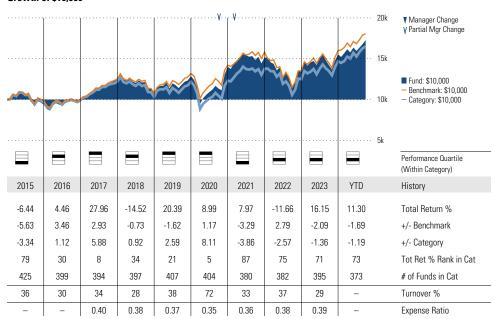
### **Morningstar Investment Management LLC Analysis**

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	3	08-31-2024
Carbon Risk Score	Medium Risk	12-31-2022

### Growth of \$10,000





Net Exp	ense		
4.03			► Fund Investment
3.58			Category Median
3.13			<ul> <li>Peer Group Mediar</li> </ul>
2.69			Quartile Rank
2.24			
1.79			
1.34			
0.90			
0.45		••••	
0.00			
	Fund vs.	Fund vs.	
	Category	Peer Group	
	8	12	Percentile

	30/379	39/325	Rank	
Peer grou	up is a subset of	the category an	d includes fun	ds with the
same ma	nagement style	(active vs. passi	ve) and simila	r share class
characte	rietice			

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.04	_	1.91
Beta	0.97	_	0.96
R-Squared	91.13	_	87.80
Standard Deviation	17.26	16.95	17.31
Sharpe Ratio	0.16	0.17	0.27
Tracking Error	5.16	_	6.14
Information Ratio	-0.06	_	0.28
Up Capture Ratio	95.95	_	97.85
Down Capture Ratio	96.37	_	90.40

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.23	15.74	11.98
Price/Book Ratio	1.74	1.84	1.28
Geom Avg Mkt Cap \$B	34.15	56.42	40.98
ROE	16.70	17.13	12.91

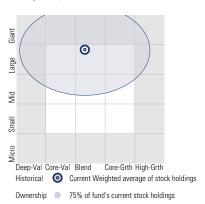


# Vanguard International Value Inv VTRIX

# Morningstar CategoryMorningstar IndexForeign Large ValueMSCI EAFE NR USD

### Style Analysis as of 09-30-2024

Morningstar Style Box™



### Style Breakdown

Equity

1. /			
25	26	26	Large
6	13	3	Mid
1	1	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



50

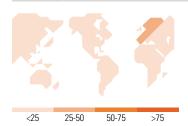
Asset Allocation as of 09-30-2024



	<b>.</b>	From al	Dl.	0-4	F	al	- DI	and and	Пост					
		Fund	Bmark	Cat	Fun	a	▼ Bencl	nmark	Categ	jory Ave	erage			
	Cyclical	43.10	39.38	42.29										
Å.	Basic Materials	8.25	6.91	7.92			<b>=</b> )							
A	Consumer Cyclical	16.40	10.01	9.73					į					
Ę.	Financial Services	16.95	20.12	23.40										
<b>fi</b>	Real Estate	1.50	2.34	1.24		<b>'</b>								
W	Sensitive	39.31	35.26	35.71										
	Communication Services	4.82	4.82	5.16										
•	Energy	4.51	3.65	8.16										
Ф	Industrials	20.13	17.08	14.61										
	Technology	9.85	9.71	7.78										
<b>→</b>	Defensive	17.61	25.36	21.99				•	ı [					
Ħ	Consumer Defensive	6.47	8.56	8.63										
٠	Healthcare	10.58	13.56	9.57				*						
•	Utilities	0.56	3.24	3.79										
					0%	5	10	15	20	25	30	35	40	4

100

### World Regions % Equity 09-30-2024



	Fund %	Cat %
Greater Asia	39.95	29.86
Japan	13.01	16.99
Australasia	0.79	3.12
Asia-4 Tigers	10.98	6.90
Asia-ex 4 Tigers	15.17	2.85
Not Classified	0.00	0.00

Americas	Fund % 10.95	Cat % 8.38	Greater Europe	Fund % 49.11	Cat % 61.75	Market Maturity	Fund %
North America	6.54	7.35	United Kingdom	14.98	18.36	Developed Markets	80.11
Central/Latin	4.41	1.03	W euro-ex UK	33.81	42.51	Emerging Markets	19.89
			Emrgng Europe	0.00	0.17	Not Available	0.00
			Africa	0.32	0.71		

<b>Top 10 Holdings</b> as of 09-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Tencent Holdings Ltd	3.09	3.09	_	Communication Svc
	2.83	5.91	_	_
	1.84	7.76	_	Technology
⊖ Roche Holding AG	1.65	9.40	_	Healthcare
Ryanair Holdings PLC ADR	1.28	10.69	-13.86	Industrials
⊕ AIA Group Ltd	1.26	11.94	_	Financial Services
HSBC Holdings PLC	1.21	13.16	14.23	Financial Services
	1.15	14.30	_	-
⊕ Kering SA	1.13	15.43	-32.12	Consumer Cyclical
─ Unilever PLC	1.12	16.56	30.24	Consumer Defensive

### Total Holdings 259

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



# Vanguard LifeStrategy Cnsrv Gr Inv VSCGX

Morningstar Category Moderately Conservative Morningstar Index

Morningstar US Mod Con Tgt Alloc NR

### Portfolio Manager(s)

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

### **Quantitative Screens**

- Performance: The fund has finished in the Moderately Conservative Allocation 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 87.23% lower than the Moderately Conservative Allocation category average.

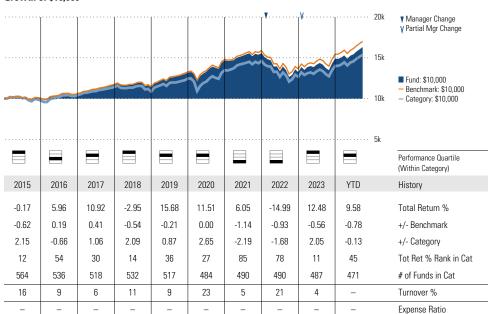
### **Morningstar Investment Management LLC Analysis**

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	08-31-2024
ESG Commitment	1-Low	07-19-2023

### Growth of \$10,000





3-Year Risk Metrics

		- 1	.00	- 1	.02	1	
Net Exp	ense						
4.00					•	Fund Inves	stment
3.56					◁	Category I	Median
3.11					•	Peer Grou	o Median
2.67					Qua	artile Ran	k
2.23							
1.78							
1.34		4					
0.90							
0.45							
0.01							
	Fund	VS.	Fund	VS.			
	Categ	ory	Peer Gro	oup			
		1		3	Per	centile	
	5/4	173	12/4	111	Ran	ık	_

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

	Fund	Bmark	Cat
Alpha	-1.02	_	-0.55
Beta	1.03	_	0.97
R-Squared	99.42	_	94.18
Standard Deviation	10.34	10.02	10.02
Sharpe Ratio	-0.09	0.00	-0.07
Tracking Error	0.84	_	2.38
Information Ratio	-1.15	_	-0.48
Up Capture Ratio	99.45	_	96.45
Down Capture Ratio	106.53	_	100.77

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.41	22.28	22.64
Price/Book Ratio	2.67	3.12	3.23
Avg Eff Duration	6.37	5.94	4.93



# Vanguard LifeStrategy Cnsrv Gr Inv VSCGX

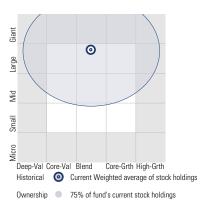
Morningstar Category Moderately Conservative **Morningstar Index** 

Allocation

Morningstar US Mod Con Tgt Alloc NR

Style Analysis as of 09-30-2024

Morningstar Style Box™



## Style Breakdown

Equity 21 21 5 6 8

2 3 2 Value Blend Growth

Quality High MidLow Ltd Mod Ext Duration

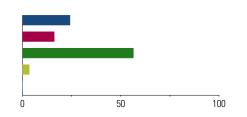
Fixed Income

Large

Mid

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

Asset Allocation as of 09-30-2024



Total	100 00	100 00
Other	0.06	5.00
Cash	3.36	4.30
Bonds	56.40	55.02
Non-US Stocks	16.07	7.47
US Stocks	24.11	28.20
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	t	▼ Bend	chmark	( [ C	ategory	Avera	ge		
b	Cyclical	33.56	32.31	32.63										
ė.	Basic Materials	4.22	3.78	3.42		0								
<b>-</b>	Consumer Cyclical	10.23	10.73	8.77										
2	Financial Services	16.14	14.94	14.21										
b	Real Estate	2.97	2.86	6.23										_
NF	Sensitive	46.33	47.69	45.28										_
	Communication Services	7.01	7.49	6.48			<b>'</b>							
	Energy	4.29	3.81	5.12										
ž	Industrials	11.33	10.85	10.27										
1	Technology	23.70	25.54	23.41										
+	Defensive	20.11	19.99	22.08										
7	Consumer Defensive	6.06	6.07	6.37										
1	Healthcare	11.33	11.18	12.09										
1	Utilities	2.72	2.74	3.62										

#### Top 6 Holdings as of 09-30-2024 Name Maturity Date % Net Asset Cumulative % YTD Return % Morningstar Sector Vanguard Total Bond Market II ldx Inv 40.91 40.91 Vanguard Total Stock Mkt Idx Inv 24.16 65.08 O Vanguard Total Intl Bd II Idx Investor 17.78 82.86 Vanguard Total Intl Stock Index Inv 16.47 99.33 ⊕ Mktliq 12/31/2049 0.70 100.03 0.03 ① Us Dollar 100.06

Total Holdings 6



# Vanguard LifeStrategy Growth Inv VASGX

Morningstar Category Moderately Aggressive

**Morningstar Index** Morningstar US Mod Agg Tgt Alloc NR

#### Allocation

### Portfolio Manager(s)

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

#### **Quantitative Screens**

❷ Performance: The fund has finished in the Moderately Aggressive Allocation 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.

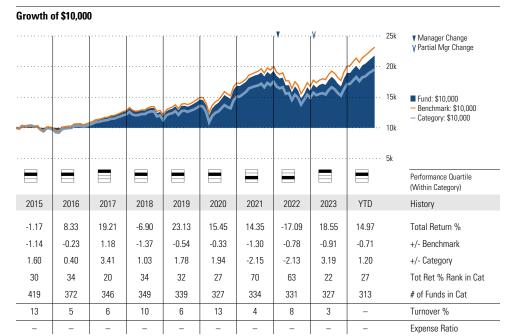
Net Expense: The fund's expense ratio of 0.14 is
 85.71% lower than the Moderately Aggressive Allocation category average.

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

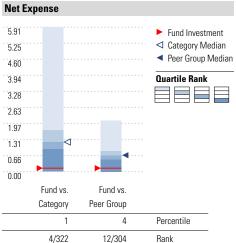
Although this fund technically fails the manager tenure screen due to changes in how the portfolio management team is listed, in fact the same team that oversees the strategy remains in place.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
ESG Commitment	1-Low	07-19-2023
Carbon Risk Score	Low Risk	12-31-2022



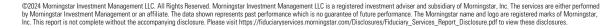




Peer group is a subset of the category and includes funds with the
same management style (active vs. passive) and similar share class
characteristics

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-1.12	-	-1.15
Beta	1.03	-	0.98
R-Squared	99.31	-	94.31
Standard Deviation	14.58	14.14	14.38
Sharpe Ratio	0.20	0.28	0.18
Tracking Error	1.27	-	3.05
Information Ratio	-0.80	-	-0.66
Up Capture Ratio	100.34	-	96.66
Down Capture Ratio	105.80	-	102.79

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.44	22.30	22.44
Price/Book Ratio	2.68	3.13	3.20
Avg Eff Duration	6.39	5.94	4.59





# Vanguard LifeStrategy Growth Inv VASGX

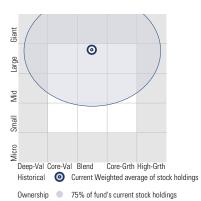
Morningstar Category Moderately Aggressive Morningstar Index

Allocation

Morningstar US Mod Agg Tgt Alloc NR

### Style Analysis as of 09-30-2024

Morningstar Style Box™



Fixed Income

Duration

Mod Ext

Quality High

Mid

Low

### Style Breakdown

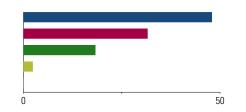
Equity





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

### Asset Allocation as of 09-30-2024



Total	100.00	100.00
Other	0.05	6.20
Cash	2.30	2.10
Bonds	18.24	15.20
Non-US Stocks	31.53	18.07
US Stocks	47.88	58.44
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	4	▼ Bend	hmark	- I c	ategory	Δvera	ne.		
b	Cyclical	33.52	32.27	31.33	Tunc	4	Denie	minark		atogory	AVCIU	y 		
	Basic Materials	4.20	3.75	3.62		ď								
<b></b>	Consumer Cyclical	10.22	10.76	9.76										
ê	Financial Services	16.12	14.91	14.53										
b	Real Estate	2.98	2.85	3.42										
NF	Sensitive	46.37	47.88	47.46										0
	Communication Services	7.02	7.55	7.17										
	Energy	4.28	3.81	4.56										
ž	Industrials	11.32	10.71	11.67										
1	Technology	23.75	25.81	24.06						=[ '				
+	Defensive	20.11	19.85	21.20										
7	Consumer Defensive	6.06	6.03	5.98										
1	Healthcare	11.32	11.09	12.61				]						
1	Utilities	2.73	2.73	2.61										

<b>Top 6 Holdings</b> as of 09-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Ovanguard Total Stock Mkt Idx Inv	_	48.00	48.00	_	_
⊕ Vanguard Total Intl Stock Index Inv	-	32.30	80.30	_	_
⊕ Vanguard Total Bond Market II Idx Inv	-	13.22	93.52	_	_
⊕ Vanguard Total Intl Bd II Idx Investor	-	5.76	99.28	_	_
⊕ Mktliq 12/31/2049	-	0.73	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-Diaz since 02-2023

### **Quantitative Screens**

- Performance: The fund has finished in the Conservative Allocation category's top three quartiles in 7 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 89.42% lower than the Conservative Allocation category average.

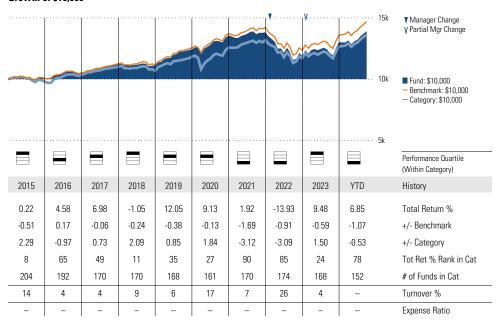
#### **Morningstar Investment Management LLC Analysis**

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.

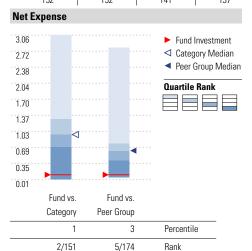
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	08-31-2024
ESG Commitment	1-Low	07-19-2023

### 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	-1.13	-	-0.30
Beta	1.02	-	0.97
R-Squared	99.04	-	93.76
Standard Deviation	8.45	8.23	8.28
Sharpe Ratio	-0.35	-0.22	-0.27
Tracking Error	0.85	-	2.20
Information Ratio	-1.31	-	-0.29
Up Capture Ratio	95.71	-	97.58
Down Capture Ratio	105.25	-	100.59

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.38	22.97	23.53
Price/Book Ratio	2.67	3.31	3.36
Avg Eff Duration	6.37	5.94	4.80



# Vanguard LifeStrategy Income Inv VASIX

Quality High Mid Low

#### **Morningstar Category Morningstar Index** Conservative Allocation

### Morningstar US Con Tgt Alloc NR USD

Cat%

14.94

3.76

67.82

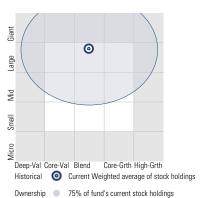
7.64

5.83

100.00

## Style Analysis as of 09-30-2024

Morningstar Style Box™



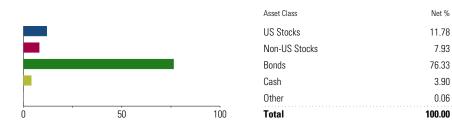
## Style Breakdown

Weight %

Equity				Fixed In	come	
21	32	21	Large			
6	8	5	Mid			
2	3	2	Small			
Value	Rlend	Growth		Ltd	Mod	Fyt

Duration

>50 25-50 10-25 0-10



		Fund	Bmark	Cat	Fund		▼ Bend	hmark	- I c	tenon	Avera	ne		
	Cyclical	33.61	31.60	31.12	Tunu		Denic	illiair	. [] 00	ategory	AVCIA	ye 		
i.	Basic Materials	4.22	3.49	3.31	7	i								
•	Consumer Cyclical	10.22	10.77	9.40			<b>-</b>							
<u></u>	Financial Services	16.17	14.52	14.34										
à	Real Estate	3.00	2.82	4.07		]								
Ų.	Sensitive	46.28	48.59	47.47										[
	Communication Services	7.02	7.72	7.60										
	Energy	4.27	3.75	4.29		0								
ž	Industrials	11.34	10.33	10.43						_				
3	Technology	23.65	26.79	25.15				-		<b>=</b> [ ]				
+	Defensive	20.09	19.82	21.40										
Ę	Consumer Defensive	6.05	5.96	6.57										
1	Healthcare	11.29	11.17	12.06										
1	Utilities	2.75	2.69	2.77										

<b>Top 6 Holdings</b> as of 09-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Bond Market II ldx Inv	_	55.49	55.49	_	_
Vanguard Total Intl Bd II Idx Investor	_	23.95	79.44	_	_
○ Vanguard Total Stock Mkt Idx Inv	_	11.81	91.25	_	-
○ Vanguard Total Intl Stock Index Inv	_	8.12	99.37	_	-
	-	0.66	100.03	-	_
⊕ Us Dollar	_	0.03	100.06	-	_

Asset Allocation as of 09-30-2024

### Total Holdings 6



# Vanguard LifeStrategy Mod Gr Inv Shrs VSMGX

855

16

800

9

786

6

807

12

#### Morningstar Category Moderate Allocation

### Morningstar Index

### Morningstar US Mod Tgt Alloc NR USD

# of Funds in Cat

Turnover %

Expense Ratio

### Portfolio Manager(s)

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

### **Quantitative Screens**

- Performance: The fund has finished in the Moderate
   Allocation 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 Moderate Allocation 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	08-31-2024
ESG Commitment	1-Low	07-19-2023
Carbon Risk Score	Low Risk	12-31-2022

#### Growth of \$10,000 ▼ Manager Change V Partial Mgr Change 20k Fund: \$10,000 Benchmark: \$10,000 Category: \$10,000 Performance Quartile (Within Category) 2015 2016 2017 2018 2019 2020 2021 2022 2023 YTD History -0.57 7.13 15.04 -4.91 19.37 13.59 10.08 -16.00 15.49 12.27 Total Return % -0.47 -0.93 0.76 -1.25 -0.96 -0.67 -2.29 -0.68 -1.26 -1.12 +/- Benchmark 0.85 1.71 1.36 -0.211.83 0.14 1.87 -3.81 -2.36 0.00 +/- Category 32 42 26 39 53 36 88 66 30 50 Tot Ret % Rank in Cat

768

5

771

15

748

764

5

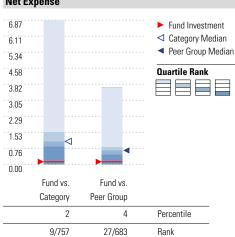
779

9

755

21





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

3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	-1.33	_	-0.52
Beta	1.01	_	0.98
R-Squared	98.92	-	94.15
Standard Deviation	12.43	12.26	12.36
Sharpe Ratio	0.08	0.19	0.13
Tracking Error	1.29	-	2.79
Information Ratio	-1.05	-	-0.37
Up Capture Ratio	97.02	-	97.43
Down Capture Ratio	104.35	_	100.97

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.42	23.30	23.35
Price/Book Ratio	2.68	3.40	3.53
Avg Eff Duration	6.39	5.94	5.14





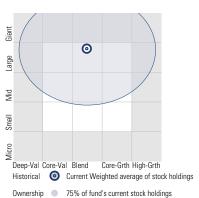
# Vanguard LifeStrategy Mod Gr Inv Shrs VSMGX

**Morningstar Category Morningstar Index** Moderate Allocation

Morningstar US Mod Tgt Alloc NR USD

### Style Analysis as of 09-30-2024

Morningstar Style Box™



### Style Breakdown

Equity				Fixed I	ncome		Quality
21	32	21	Large				High
6	8	5	Mid				Mid
2	3	2	Small				Low
Value	Blend	Growth		Ltd Duratio	Mod on	Ext	

Weight % >50 25-50 10-25 0-10 Asset Allocation as of 09-30-2024



Total	100.00	100.00
Other	0.06	3.46
Cash	2.82	3.45
Bonds	37.13	34.48
Non-US Stocks	23.96	9.80
US Stocks	36.04	48.81
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	•	Beno	chmark	[] Ca	ategory	Avera	ge	
b	Cyclical	33.55	31.32	30.20			÷						
à.	Basic Materials	4.23	3.39	3.40									
•	Consumer Cyclical	10.22	10.77	9.74			<b>(</b> )						
)	Financial Services	16.13	14.34	14.45									
à	Real Estate	2.97	2.82	2.61									
ψľ	Sensitive	46.35	48.81	47.98									
	Communication Services	7.02	7.78	7.70	_								
•	Energy	4.29	3.70	4.49									
\$	Industrials	11.32	10.20	10.22							_		
	Technology	23.72	27.13	25.57							'		
<b>→</b>	Defensive	20.09	19.87	21.80									
=	Consumer Defensive	6.06	5.93	5.59		0							
ř	Healthcare	11.31	11.25	13.24									
?	Utilities	2.72	2.69	2.97									

<b>Top 6 Holdings</b> as of 09-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	-	36.12	36.12	_	_
◆ Vanguard Total Bond Market II Idx Inv	-	26.90	63.02	_	_
→ Vanguard Total Intl Stock Index Inv	_	24.54	87.57	_	_
⊕ Vanguard Total Intl Bd II Idx Investor	_	11.74	99.30	_	_
⊕ Mktliq 12/31/2049	_	0.68	99.99	-	_
⊕ Us Dollar	_	0.01	100.00	_	_

### Total Holdings 6



# Vanguard Mid-Cap Value Index Admiral VMVAX

# Morningstar Category ■ Mid-Cap Value

### Morningstar Index

Russell Mid Cap Value TR USD

### Portfolio Manager(s)

Aurélie Denis since 02-2023 Aaron Choi since 08-2023

### **Quantitative Screens**

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

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

✓ Net Expense: The fund's expense ratio of 0.07 is
92.71% lower than the Mid-Cap Value category average.

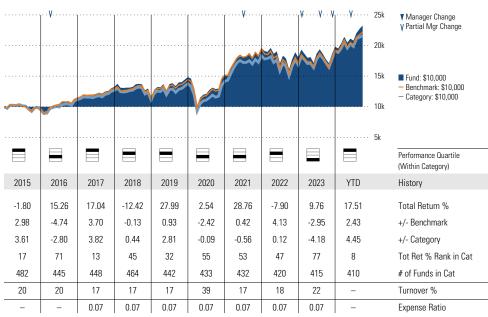
### **Morningstar Investment Management LLC Analysis**

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

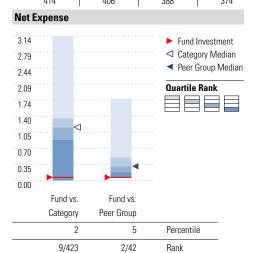
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	08-31-2024
Carbon Risk Score	Medium Risk	12-31-2022
FSG Commitment	1-l ow	02-15-2022

### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 09-30-2024 ■ Fund Benchmark Category 15 10 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 yea 5 year Fund Return % 11.99 31.04 8.73 10.76 9.56 12.51 10.08 29.01 7.39 10.33 8.93 11.42 Benchmark Return % 8 98 25.80 8 50 10 97 8 62 Category Average % 11 50 49 24 % Rank in Category 414 406 388 374 285 # 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	1.58	_	1.40
Beta	0.94	_	0.94
R-Squared	98.59	_	94.42
Standard Deviation	18.68	19.66	19.11
Sharpe Ratio	0.34	0.27	0.32
Tracking Error	2.48	_	4.72
Information Ratio	0.54	_	0.24
Up Capture Ratio	97.72	_	95.29
Down Capture Ratio	92.53	_	90.51

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.33	19.44	17.35
Price/Book Ratio	2.46	2.43	2.09
Geom Avg Mkt Cap \$B	31.29	20.46	16.28
ROE	18.34	15.17	14.21



# Vanguard Mid-Cap Value Index Admiral VMVAX

Asset Allocation as of 09-30-2024

Morningstar Category

Mid-Cap Value

Ru

Morningstar Index Russell Mid Cap Value TR USD

Style Analysis as of 09-30-2024

Morningstar Style Box™



### Style Breakdown

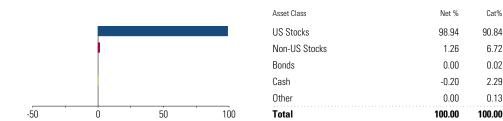
Equity

1	3	1	Large
41	50	5	Mid
0	0	0	Small

Weight %

>50 25-50 10-25 0-10

Value Blend Growth





<b>Top 15 Holdings</b> as of 09-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Carrier Global Corp Ordinary Shares	1.53	1.53	40.77	Industrials
⊕ Arthur J. Gallagher & Co	1.36	2.89	25.92	Financial Services
○ Newmont Corp	1.36	4.25	30.95	Basic Materials
□ D.R. Horton Inc	1.24	5.49	26.12	Consumer Cyclical
○ United Rentals Inc	1.18	6.67	42.06	Industrials
○ ONEOK Inc	1.18	7.85	34.01	Energy
⊕ Digital Realty Trust Inc	1.17	9.02	22.97	Real Estate
→ PACCAR Inc	1.14	10.17	1.95	Industrials
	1.11	11.27	37.46	Financial Services
	1.02	12.29	24.82	Financial Services
<ul> <li>         — Fidelity National Information Services Inc     </li> </ul>	1.01	13.31	41.22	Technology
⊕ L3Harris Technologies Inc	1.00	14.30	14.59	Industrials
─ Public Service Enterprise Group Inc	0.98	15.29	48.83	Utilities
⊕ Cummins Inc	0.98	16.27	37.32	Industrials
○ Kenvue Inc     ○	0.98	17.25	10.24	Consumer Defensive

**Total Holdings 188** 



# Vanguard Small Cap Growth Index Admiral VSGAX

**Morningstar Category** Small Growth

Morningstar Index

Russell 2000 Growth TR USD

### Portfolio Manager(s)

Gerard O'Reilly since 12-2004 Nick Birkett since 02-2023

#### Quantitative Screens

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

Management: The fund's management has been in place for 19.76 years.

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

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

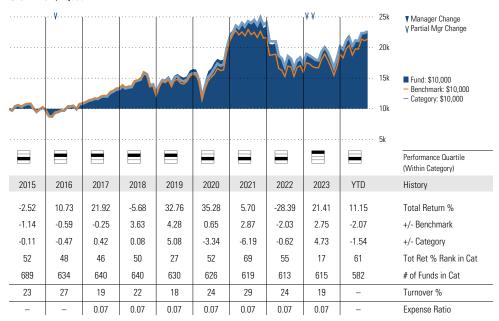
### **Morningstar Investment Management LLC Analysis**

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

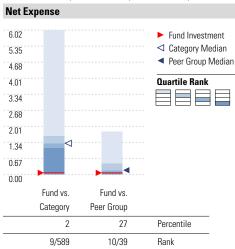
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	08-31-2024
Carbon Risk Score	Medium Risk	12-31-2022
FSG Commitment	1-l ow	02-15-2022

### Growth of \$10,000



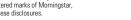
#### **Trailing Performance Total Return %** as of 09-30-2024 ■ Fund Benchmark 15 Category 10 5 0 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year Fund Return % 7.07 25.73 -0.95 8.60 9.18 11.58 8.41 27.66 -0.35 8.82 8.95 9.53 Benchmark Return % 25 69 10 04 9 93 7 44 -1 41 Category Average % 62 50 56 71 63 % Rank in Category 587 582 558 530 407 # 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	-0.66	_	-1.40
Beta	0.95	_	0.92
R-Squared	96.74	_	91.59
Standard Deviation	22.39	23.09	22.33
Sharpe Ratio	-0.10	-0.07	-0.13
Tracking Error	4.18	_	6.78
Information Ratio	-0.14	_	-0.14
Up Capture Ratio	97.01	_	89.78
Down Capture Ratio	99.02	_	94.76

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	27.58	23.07	28.66
Price/Book Ratio	4.06	4.22	4.19
Geom Avg Mkt Cap \$B	7.75	3.28	6.71
ROE	11.73	6.24	12.92



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# Vanguard Small Cap Growth Index Admiral VSGAX

# Morningstar Category Small Growth

### Morningstar Index

Russell 2000 Growth TR USD

## Style Analysis as of 09-30-2024

Morningstar Style Box™



### Style Breakdown

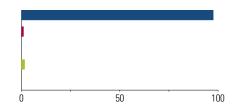
Equity

0	0	0	Large
2	9	24	Mid
5	22	37	Small
Value	Blend	Growth	

Weight %

>50 25-50 10-25 0-10

### Asset Allocation as of 09-30-2024



Total	100.00	100.00
Other	0.00	1.23
Cash	1.54	1.50
Bonds	0.00	0.00
Non-US Stocks	0.96	4.54
US Stocks	97.51	92.73
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 09-3	30-2024														
		Fund	Bmark	Cat	Fund		▼ Be	nchma	ırk [	Cateo	jory Av	/erage				
<b>Դ</b>	Cyclical	26.12	22.41	25.06												
A.	Basic Materials	1.91	4.19	3.07		1										
Д	Consumer Cyclical	13.26	9.35	10.77			· [									
<del>,</del>	Financial Services	5.42	7.23	8.75			[									
<b>fi</b>	Real Estate	5.53	1.64	2.47												
W	Sensitive	52.82	47.63	50.15												
d	Communication Services	3.21	1.80	1.41												
•	Energy	5.18	3.35	3.70												
Ф	Industrials	18.95	20.63	21.13		Ė										
	Technology	25.48	21.85	23.91					•		1					
<b>—</b>	Defensive	21.05	29.95	24.80												
Ħ	Consumer Defensive	3.29	3.81	4.25												
+	Healthcare	17.20	25.54	19.87		Ė										
•	Utilities	0.56	0.60	0.68	ď											
					0%	5	10	15	20	25	30	35	40	45	50	55

<b>Top 15 Holdings</b> as of 09-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Slcmt1142	1.46	1.46	-	_
⊕ Axon Enterprise Inc	1.08	2.54	54.69	Industrials
□ Deckers Outdoor Corp	0.92	3.46	43.13	Consumer Cyclical
	0.78	4.24	3.26	Technology
⊖ Lennox International Inc	0.73	4.97	35.79	Industrials
⊕ DraftKings Inc Ordinary Shares - Class A	0.68	5.66	11.21	Consumer Cyclical
	0.65	6.31	30.68	Technology
	0.65	6.95	16.63	Industrials
⊕ Entegris Inc	0.64	7.60	-5.83	Technology
⊕ Robinhood Markets Inc Class A	0.64	8.24	-	Financial Services
⊖ Liberty Formula One Group Registered Shs Series -C- Formula One	0.62	8.86	22.65	Communication Svc
	0.61	9.47	72.68	Energy
→ Pure Storage Inc Class A	0.59	10.05	40.89	Technology
⊕ Dynatrace Inc Ordinary Shares	0.57	10.63	-2.23	Technology
Guidewire Software Inc	0.57	11.20	67.77	Technology

### Total Holdings 612



# Vanguard Small Cap Value Index Admiral VSIAX

Growth of \$10,000

**Morningstar Category** ■ Small Value

Morningstar Index

Russell 2000 Value TR USD

Expense Ratio

### Portfolio Manager(s)

Gerard O'Reilly since 04-2016 Nick Birkett since 02-2023

### **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 8.43 years.
- Style: The fund has landed in its primary style box Small Value — 100 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.07 is 93.69% lower than the Small Value category average.

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	08-31-2024
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

# ▼ Manager Change V Partial Mgr Change Fund: \$10,000 Benchmark: \$10,000 Category: \$10,000

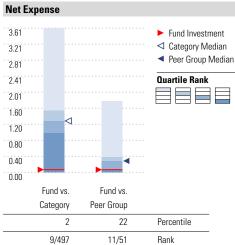
										Performance Quartile (Within Category)
2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD	History
-4.65	24.78	11.80	-12.23	22.76	5.85	28.09	-9.31	15.99	13.26	Total Return %
2.82	-6.96	3.96	0.63	0.37	1.22	-0.18	5.17	1.34	4.04	+/- Benchmark
2.06	-1.21	3.26	3.23	1.33	1.83	-3.48	0.85	-0.87	4.52	+/- Category
36	61	20	16	35	32	68	37	57	12	Tot Ret % Rank in Cat
533	501	506	518	514	491	491	501	499	489	# of Funds in Cat
16	18	19	18	19	26	16	13	16	-	Turnover %



0.07

0.07

0.07



0.07

0.07

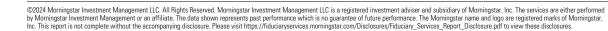
0.07

0.07

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	4.45	_	2.65
Beta	0.90	_	0.91
R-Squared	96.34	_	93.65
Standard Deviation	21.00	22.84	21.56
Sharpe Ratio	0.30	0.11	0.21
Tracking Error	4.59	_	5.63
Information Ratio	0.97	_	0.45
Up Capture Ratio	99.34	_	95.86
Down Capture Ratio	86.24	_	88.20

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	16.10	13.90	14.46
Price/Book Ratio	1.90	1.31	1.66
Geom Avg Mkt Cap \$B	6.78	2.14	4.78
ROE	13.87	4.84	12.10





# Vanguard Small Cap Value Index Admiral VSIAX

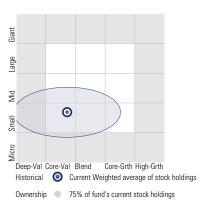
# Morningstar Category Small Value

Morningstar Index

Russell 2000 Value TR USD

## Style Analysis as of 09-30-2024

Morningstar Style Box™



### Style Breakdown

Equity

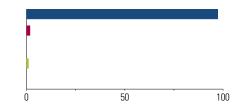
1	0	0	Laige
10	15	4	MIN
35	31	4	JIIdii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

### Asset Allocation as of 09-30-2024



Total	100.00	100.00
Other	0.00	0.28
Cash	0.96	1.22
Bonds	0.00	0.17
Non-US Stocks	1.73	4.01
US Stocks	97.30	94.33
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 09-	30-2024			
		Fund	Bmark	Cat	Fund • Benchmark [] Category Average
Դ	Cyclical	49.99	54.94	48.90	
A.	Basic Materials	6.27	5.05	6.30	
A	Consumer Cyclical	14.50	10.51	13.73	
<del>,</del>	Financial Services	19.06	25.41	22.36	
命	Real Estate	10.16	13.97	6.51	
W	Sensitive	34.10	27.42	38.77	
d	Communication Services	2.78	2.63	2.21	
•	Energy	3.66	6.80	7.84	
Ф	Industrials	19.82	10.48	17.83	
	Technology	7.84	7.51	10.89	
<b>→</b>	Defensive	15.92	17.63	12.34	
Ħ	Consumer Defensive	4.43	3.07	4.04	
٠	Healthcare	6.59	9.33	5.82	
•	Utilities	4.90	5.23	2.48	
					0% 5 10 15 20 25 20 25 40 45 50 5

N.	0/ 11 -	0 1 2 6	VED D	
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Slcmt1142	0.90	0.90	_	_
Smurfit WestRock PLC	0.74	1.64	24.94	Consumer Cyclical
→ Builders FirstSource Inc	0.65	2.29	16.13	Industrials
⇒ Booz Allen Hamilton Holding Corp Class A	0.61	2.90	28.44	Industrials
─ Carlisle Companies Inc	0.60	3.50	44.82	Industrials
	0.58	4.08	100.16	Industrials
⊕ Atmos Energy Corp	0.58	4.66	21.76	Utilities
→ First Citizens BancShares Inc Class A	0.57	5.23	30.09	Financial Services
→ NRG Energy Inc	0.54	5.77	78.57	Utilities
□ IDEX Corp	0.47	6.24	-0.27	Industrials
	0.47	6.71	35.44	Industrials
⊕ United Therapeutics Corp	0.46	7.17	62.97	Healthcare
	0.46	7.63	119.93	Healthcare
⊖ Reliance Inc	0.46	8.09	4.59	Basic Materials
→ Toll Brothers Inc	0.46	8.55	50.95	Consumer Cyclical

### **Total Holdings 838**

