## **AB Global Bond Z** ANAZX

### Portfolio Manager(s)

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

### **Quantitative Screens**

✓ Performance: The fund has finished in the Global Bond-USD Hedged category's top three quartiles in 9 of the 9 years it's been in existence.

Management: The fund's management has been in place for 17.09 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.5 is 32.43% lower than the Global Bond-USD Hedged category average.

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

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

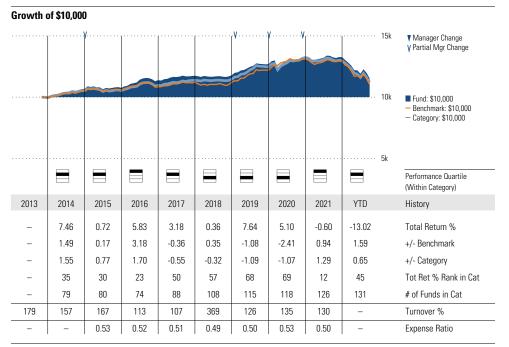
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022

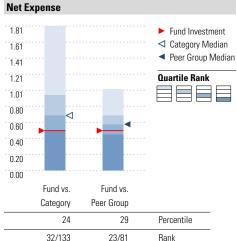
Morningstar Category

Morningstar Index

 ${\sf Global\ Bond\text{-}USD\ Hedged} \qquad {\sf Bloomberg\ US\ Agg\ Bond\ TR\ USD}$ 







3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	-0.19	-	-0.51
Beta	0.92	-	0.93
R-Squared	68.12	-	65.72
Standard Deviation	5.95	5.36	6.17
Sharpe Ratio	-0.62	-0.70	-0.68
Tracking Error	3.39	-	3.89
Information Ratio	0.01	-	-0.06
Up Capture Ratio	104.59	-	102.95
Down Capture Ratio	102.25	_	105.74

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	_	4.43	6.92
Avg Eff Maturity	-	_	7.77



# AB Global Bond Z ANAZX

Style Analysis as of 09-30-2022
Style Breakdown
Fixed Income

Ouality

G

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Ltd Mod Ext
Duration

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	36.83	3.53	28.16
AA	4.36	74.59	13.39
A	22.42	10.82	29.25
BBB	22.81	8.32	16.02
BB	7.27	0.28	5.41
В	1.49	0.00	2.47
Below B	0.05	0.00	0.52
Not Rated	4.77	2.46	4.79

#### Global Bond-USD Hedged Bloomberg US Agg Bond TR USD Asset Allocation as of 09-30-2022 Asset Class Net % Cat% US Stocks 0.00 0.08 Non-US Stocks 0.01 0.02 Bonds 98.41 89.76 Cash -2.46 8.88 Other 3.96 1.34 -50 50 100 Total 100.00 100.00

**Morningstar Category** 

**Morningstar Index** 

Sector Weighting as of 09-	30-2022													
	Fund	Bmark	Cat	Fund	▼ B	enchma	ark	[] Ca	tegory	/ Aver	age			
Government	24.57	_	48.81											
Treasury	16.44	_	36.04											
Inflation – Protected	0.97	_	1.12	•										
Agency/Quasi Agency	1.57	_	5.97		0 :									
Other Government Related	5.59	_	5.68											
Corporate	9.10	_	12.31			]								
Corporate Bond	7.73	_	11.41											
Bank Loan	0.06	_	0.11											
Convertible	1.31	_	0.79	0										
Preferred	0.00	_	0.00											
Securitized	4.23	_	5.28											
Agency MBS Pass-Through	1.32	_	2.75											
Agency MBS ARM	0.00	_	0.00											
Agency MBS CMO	0.55	_	0.32											
Non-Agency Residential MBS	0.06	-	0.09											
Commercial MBS	0.60	_	0.46	[]										
Asset-Backed	1.11	_	1.37											
Covered Bond	0.59	_	0.29											
Municipal	0.00	_	0.10											
Cash & Equivalents	2.97	-	19.83											
Other	59.13	-	13.55											
				0% 5	10	15	20	25	30	35	40	45	50	55 6

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊖ EUR FWD VS USD 0% 29/09/2022 Sold	09-2022	11.65	11.65	_
⇒ EUR FWD VS USD 0% 29/09/2022 Purchased	09-2022	11.65	23.31	_
○ AUD FWD VS USD 0% 20/10/2022 Purchased	10-2022	9.02	32.33	_
AUD FWD VS USD 0% 20/10/2022 Sold	10-2022	9.02	41.35	_
○ EUR FWD VS USD 0% 23/09/2022 Sold	09-2022	6.80	48.15	-
⊖ EUR FWD VS USD 0% 23/09/2022 Purchased	09-2022	6.80	54.95	_
EUR FWD VS USD 0% 09/09/2022 Purchased	09-2022	6.80	61.75	_
─ EUR FWD VS USD 0% 09/09/2022 Sold	09-2022	6.80	68.54	_
⊕ Euro Schatz Future Sept 22	09-2022	5.90	74.44	_
→ JPY FWD VS USD 0% 08/09/2022 Sold	09-2022	4.53	78.98	_

**Total Holdings** 1886

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



## American Funds American Balanced R6 RLBGX

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

Fauity

Morningstar US Mod Tgt Alloc NR USD

Expense Ratio

### Portfolio Manager(s)

Hilda Applbaum since 01-1999
Alan Berro since 03-2006
Jeffrey Lager since 03-2011
Paul Benjamin since 07-2014
Anne-Marie Peterson since 10-2015
Alan Wilson since 01-2016
John Queen since 07-2016
Pramod Atluri since 03-2018

Mark Casey since 10-2019 Ritchie Tuazon since 10-2020

### **Quantitative Screens**

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

Management: The fund's management has been in place for 23.76 years.

Net Expense: The fund's expense ratio of 0.25 is
 75.73% lower than the Allocation--50% to 70% Equity
 category average.

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

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

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022





0.27

0.26

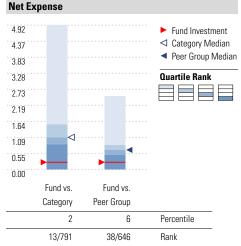
0.25

0.28

0.28

0.29

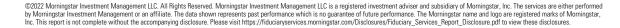
0.29



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

	Fund	Bmark	Cat
Alpha	1.22	_	-0.19
Beta	0.94	_	1.01
R-Squared	96.95	_	93.81
Standard Deviation	12.60	13.19	13.79
Sharpe Ratio	0.30	0.21	0.19
Tracking Error	2.33	-	3.33
Information Ratio	0.48	-	-0.07
Up Capture Ratio	100.69	-	100.14
Down Capture Ratio	94.41	_	101.57

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	14.57	15.39	15.85
Price/Book Ratio	2.94	2.51	2.63
Avg Eff Duration	6.92	6.45	5.02





## American Funds American Balanced R6 RLBGX

Morningstar Category Allocation--50% to 70%

Equity

Morningstar Index

Morningstar US Mod Tgt Alloc NR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™





Asset Allocation as of 09-30-2022

Asset Class Net % Cat% US Stocks 51.73 46.54 Non-US Stocks 7.57 9.57 30.48 Bonds 34.14 Cash 4.55 6.18 Other 5.66 3.56 Total 100.00 100.00

Style E	Breakdo	own		Fixed	Income		٠٠٠٠ الله
23	44	18	Large				Quality High
5	8	2	Mid				Mid
0	0	0	Small				Low
Value	Blend	Growth		Ltd Durati	Mod	Ext	_
Weight <sup>6</sup>	%						

		Fund	Bmark	Cat	Fund		Bench	mark	Categ	jory Ave	erage	_	
<b>Ն</b>	Cyclical	27.90	33.09	31.49								1	
A.	Basic Materials	3.73	3.71	3.59		(							
<b>-</b>	Consumer Cyclical	9.16	11.45	10.46			<b>=</b> [						
<u></u>	Financial Services	11.62	14.48	14.43		_		ď					
ŧ	Real Estate	3.39	3.45	3.01		)							
M	Sensitive	40.37	42.78	42.93									
	Communication Services	6.64	7.08	7.49			]						
ð	Energy	8.72	4.91	4.91									
Ċ.	Industrials	8.43	10.05	10.25			<b>–</b> [						
	Technology	16.58	20.74	20.28					0	_			
<b>→</b>	Defensive	31.74	24.12	25.60									
	Consumer Defensive	11.52	7.27	7.10									
٠	Healthcare	18.65	13.76	15.05									
•	Utilities	1.57	3.09	3.45									

100

<b>Top 10 Holdings</b> as of 09-30-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	_	12.06	12.06	_	_
🌣 Cash And Other Assets Less Liablities	_	7.58	19.64	_	-
⊕ Cap Grp Cent Fd Ser Ii	_	5.14	24.79	_	-
	-	3.52	28.31	-30.20	Technology
─ UnitedHealth Group Inc	_	2.65	30.96	1.52	Healthcare
⊕ Broadcom Inc	_	2.37	33.33	-31.42	Technology
⇒ Philip Morris International Inc	_	1.85	35.18	-8.65	Consumer Defensive
→ Pfizer Inc	-	1.47	36.65	-23.86	Healthcare
The Home Depot Inc	_	1.39	38.04	-32.14	Consumer Cyclical
CVS Health Corp	_	1.18	39.22	-5.95	Healthcare

### Total Holdings 1835

>50 25-50 10-25 0-10

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



## American Funds Intl Gr and Inc R6 RIGGX

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

### Portfolio Manager(s)

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

### **Quantitative Screens**

- Performance: The fund has finished in the Foreign Large Blend category's top three quartiles in 9 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 14.01 years.
- Net Expense: The fund's expense ratio of 0.54 is 41.94% 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	2	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022

### Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.01	_	0.08
Beta	1.07	_	1.01
R-Squared	96.42	_	93.77
Standard Deviation	20.07	18.48	19.26
Sharpe Ratio	-0.02	-0.03	-0.02
Tracking Error	3.99	_	4.83
Information Ratio	-0.07	_	-0.01
Up Capture Ratio	107.28	_	103.08
Down Capture Ratio	107.60	_	103.04

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	11.83	11.06	11.27
Price/Book Ratio	1.58	1.49	1.51
Geom Avg Mkt Cap \$B	39.09	34.91	41.65
ROE	19.35	18.13	20.02



## 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 09-30-2022

Morningstar Style Box™



### Style Breakdown

Equity

31	29	23	Faige
4	6	5	IVIIG
1	0	1	Ollidii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	0.83
Cash	9.36	0.82
Bonds	0.16	0.62
Non-US Stocks	85.07	94.78
US Stocks	5.41	2.94
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	•	Bench	mark	Cate	gory Ave	erage		_
ŀ	Cyclical	36.70	42.29	38.90									•
ů.	Basic Materials	6.17	8.16	7.50									
<b>A</b>	Consumer Cyclical	10.28	10.91	10.70									
₽	Financial Services	17.94	20.73	18.44					<b>[</b> ]				
<b>fi</b>	Real Estate	2.31	2.49	2.26									
M	Sensitive	35.55	35.38	35.46									
	Communication Services	6.49	6.35	5.49									
ð	Energy	7.64	6.26	5.64									
Ф	Industrials	11.05	11.87	14.29			<u> </u>						
	Technology	10.37	10.90	10.04									
<b>→</b>	Defensive	27.75	22.32	25.63									
=	Consumer Defensive	14.24	9.14	10.18									
٠	Healthcare	10.34	9.95	12.44									
•	Utilities	3.17	3.23	3.01		1							

### World Regions % Equity 09-30-2022



Greater Asia	Fund % 28.28	Cat % 36.02
Japan	7.17	18.20
Australasia	0.28	5.40
Asia-4 Tigers	10.32	6.89
Asia-ex 4 Tigers	10.51	5.53
Not Classified	0.00	0.00

Americas	Fund % 15.73	Cat % 9.12	Greater Europe	Fund % 55.98	Cat % 54.87	Market Maturity	Fund %
North America	11.06	7.95	United Kingdom	16.06	13.86	Developed Markets	84.41
Central/Latin	4.67	1.17	W euro-ex UK	39.28	39.70	Emerging Markets	15.59
			Emrgng Europe	0.24	0.06	Not Available	0.00
			Africa	0.40	1.25		

<b>Top 10 Holdings</b> as of 09-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash M	9.26	9.26	-	_
⊕ AstraZeneca PLC	3.15	12.41	17.14	Healthcare
→ British American Tobacco PLC	2.91	15.32	24.01	Consumer Defensive
Taiwan Semiconductor Manufacturing Co Ltd	2.72	18.03	-30.04	Technology
Philip Morris International Inc	1.78	19.81	-8.65	Consumer Defensive
⊕ Novo Nordisk A/S Class B	1.68	21.49	4.70	Healthcare
Airbus SE	1.66	23.15	-19.55	Industrials
	1.55	24.70	-37.96	Technology
⊕ BAE Systems PLC	1.52	26.22	46.42	Industrials
○ Nestle SA	1.33	27.55	-14.55	Consumer Defensive

### Total Holdings 241

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



# American Funds New Perspective R6 RNPGX

Morningstar Category Global Large-Stock Growth

Morningstar Index MSCI ACWI NR USD

### Portfolio Manager(s)

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

### **Quantitative Screens**

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

Management: The fund's management has been in place for 21.84 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 0.41 is 62.04% lower than the Global Large-Stock Growth category

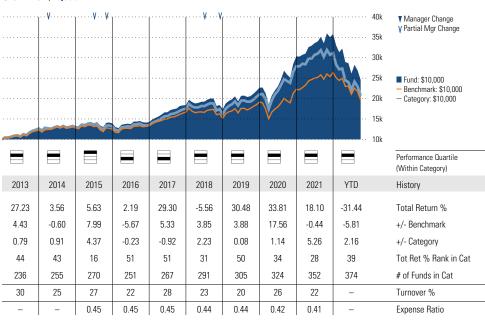
### **Morningstar Investment Management LLC Analysis**

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

### **ESG Metrics**

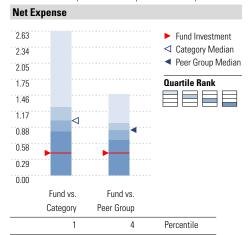
Metric	Rating	Updated
Sustainability Rating	2	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	2-Basic	02-15-2022

### Growth of \$10,000



### **Trailing Performance**





10/253 Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

Rank

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	2.14	_	-0.39
Beta	1.09	_	1.05
R-Squared	95.96	_	88.49
Standard Deviation	21.64	19.40	21.81
Sharpe Ratio	0.35	0.25	0.22
Tracking Error	4.70	_	7.39
Information Ratio	0.49	_	-0.07
Up Capture Ratio	115.03	_	104.64
Down Capture Ratio	107.80	_	107.51

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.57	14.51	20.74
Price/Book Ratio	3.19	2.27	3.65
Geom Avg Mkt Cap \$B	100.40	85.50	104.55
ROE	26.11	26.08	25.43



4/381

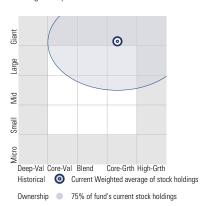
# American Funds New Perspective R6 RNPGX

#### **Morningstar Category Morningstar Index** Global Large-Stock Growth

## MSCI ACWI NR USD

### Style Analysis as of 09-30-2022

Morningstar Style Box™



### Style Breakdown

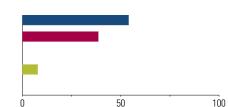
Equity

13	30	42	Large
2	5	8	Mid
0	0	1	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 09-30-2022

#### Asset Class Net % Cat% US Stocks 56.34 53.91 Non-US Stocks 38.47 40.39 Bonds 0.00 0.00 Cash 7.62 2.91 Other 0.00 0.37 Total 100.00 100.00

		Fund	Bmark	Cat	Fund	▼ Ben	chmark	] Ca	tegory	Averaç	je_	
٠	Cyclical	36.38	34.31	31.08								
ì.	Basic Materials	5.73	4.54	3.16								
	Consumer Cyclical	17.52	11.20	12.63		· V						
<u></u>	Financial Services	12.41	15.78	14.13			■ [] <sup>*</sup>					
à	Real Estate	0.72	2.79	1.16	■[]							
Ųf.	Sensitive	37.69	41.71	45.10								
	Communication Services	7.01	7.48	7.71								
	Energy	3.85	5.25	2.08								
>	Industrials	9.20	9.59	11.06								
1	Technology	17.63	19.39	24.25				1				
+	Defensive	25.93	23.97	23.82								
Ţ	Consumer Defensive	6.63	7.83	5.62		)						
1	Healthcare	17.93	13.05	16.92								
1	Utilities	1.37	3.09	1.28								

### World Regions % Equity 09-30-2022



Greater Asia	Fund % 11.29	Cat % 14.50
Japan	3.06	4.42
Australasia	0.30	0.40
Asia-4 Tigers	5.55	4.12
Asia-ex 4 Tigers	2.38	5.56
Not Classified	0.00	0.00

Americas	Fund % 62.73	Cat % 61.21	Greater Europe	Fund % 25.97	Cat % 24.27	Market Maturity	Fund %
North America	60.81	59.88	United Kingdom	4.84	4.85	Developed Markets	95.40
Central/Latin	1.92	1.33	W euro-ex UK	20.57	19.24	Emerging Markets	4.60
			Emrgng Europe	0.00	0.01	Not Available	0.00
			Africa	0.56	0.17		

<b>Top 10 Holdings</b> as of 09-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	7.62	7.62	-	_
⊕ Tesla Inc	6.56	14.18	-24.70	Consumer Cyclical
	4.14	18.32	-30.20	Technology
	2.19	20.51	-30.04	Technology
	1.53	22.04	-59.66	Communication Svc
	1.45	23.49	-32.22	Consumer Cyclical
⊖ Eli Lilly and Co	1.43	24.92	18.13	Healthcare
⊕ Novo Nordisk A/S Class B	1.42	26.34	4.70	Healthcare
○ Nestle SA	1.31	27.64	-14.55	Consumer Defensive
	1.29	28.93	-33.54	Communication Svc

### Total Holdings 300

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



## American Funds New World R6 RNWGX

## Morningstar CategoryMorningstar IndexDiversified Emerging MktsMSCI EM NR USD

### Portfolio Manager(s)

Carl Kawaja since 06-1999
Robert Lovelace since 06-1999
Nicholas Grace since 01-2008
Christopher Thomsen since 01-2009
Winnie Kwan since 01-2009
Tomonori Tani since 10-2013
Jonathan Knowles since 01-2016
Bradford Freer since 01-2017
Akira Shiraishi since 01-2017
Lisa Thompson since 10-2019
Kirstie Spence since 12-2019
Dawid Justus since 01-2020

### **Quantitative Screens**

Piyada Phanaphat since 01-2020

- Performance: The fund has finished in the Diversified Emerging Mkts category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 23.3 years.
- Style: The fund has landed in its primary style box —
   Large Growth 100 % of the time over the past three
   years.
- Net Expense: The fund's expense ratio of 0.57 is 50.86% lower than the Diversified Emerging Mkts category average.

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

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

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
FSG Commitment	1-l ow	02-15-2022







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

3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	2.85	_	-0.04
Beta	0.93	-	1.01
R-Squared	83.08	_	89.15
Standard Deviation	19.53	19.18	20.61
Sharpe Ratio	0.10	-0.05	-0.05
Tracking Error	8.15	_	6.63
Information Ratio	0.34	_	-0.10
Up Capture Ratio	101.44	_	101.61
Down Capture Ratio	90.68	_	102.73

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.80	9.97	10.69
Price/Book Ratio	2.67	1.51	1.71
Geom Avg Mkt Cap \$B	49.35	30.78	38.21
ROE	23.44	17.48	18.39





## American Funds New World R6 RNWGX

## Morningstar CategoryMorningstar IndexDiversified Emerging MktsMSCI EM NR USD

### Style Analysis as of 09-30-2022

Morningstar Style Box™



### Style Breakdown

Equity

14	30	41	Large
2	5	8	Mid
0	1	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



50

Asset Allocation as of 09-30-2022

Asset Class	Net %	Cat%
US Stocks	24.77	3.08
Non-US Stocks	62.17	94.37
Bonds	3.24	0.04
Cash	9.22	2.74
Other	0.61	-0.24

100.00

100.00

Sec	ctor Weighting as of 09-3	30-2022			
		Fund	Bmark	Cat	Fund • Benchmark [] Category Average
<u></u>	Cyclical	38.94	46.87	45.10	
A	Basic Materials	9.21	8.82	6.85	
A	Consumer Cyclical	12.36	13.38	14.50	
<b>P</b>	Financial Services	15.63	22.67	21.97	
命	Real Estate	1.74	2.00	1.78	
W	Sensitive	36.60	39.51	40.66	
d	Communication Services	5.61	10.09	9.06	
•	Energy	4.49	5.41	5.15	
Ф	Industrials	9.78	5.71	5.98	
	Technology	16.72	18.30	20.47	
<b>→</b>	Defensive	24.45	13.61	14.23	
Ħ	Consumer Defensive	7.84	6.38	7.44	
+	Healthcare	14.34	4.11	4.94	
•	Utilities	2.27	3.12	1.85	
					0% 5 10 15 20 25 30 35 40 45 5

100

Total

### World Regions % Equity 09-30-2022



Greater Asia	Fund % 39.96	Cat % 75.82	
Japan	2.37	0.09	
Australasia	0.71	0.04	
Asia-4 Tigers	6.72	24.94	
Asia-ex 4 Tigers	30.16	50.75	
Not Classified	0.00	0.00	

Americas	Fund % 39.27	Cat % 14.15	Greater Europe	Fund % 20.78	Cat % 10.02	Market Maturity	Fund %
North America	30.17	3.05	United Kingdom	2.68	0.64	Developed Markets	59.14
Central/Latin	9.10	11.10	W euro-ex UK	16.04	1.63	Emerging Markets	40.86
			Emrgng Europe	0.17	1.13	Not Available	0.00
			Africa	1.89	6.62		

<b>Top 10 Holdings</b> as of 09-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	9.10	9.10	-	_
	3.08	12.18	-30.20	Technology
	2.15	14.32	1.34	Financial Services
Taiwan Semiconductor Manufacturing Co Ltd	1.84	16.16	-30.04	Technology
Kweichow Moutai Co Ltd Class A	1.75	17.91	-7.71	Consumer Defensive
⊕ Reliance Industries Ltd	1.71	19.63	0.71	Energy
⊕ Novo Nordisk A/S Class B	1.31	20.94	4.70	Healthcare
⊕ Thermo Fisher Scientific Inc	1.27	22.21	-23.85	Healthcare
⊕ AIA Group Ltd	1.23	23.44	-14.84	Financial Services
⊕ Eli Lilly and Co	1.20	24.64	18.13	Healthcare

### Total Holdings 582

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



## BlackRock High Yield Bond K BRHYX

**Morningstar Category** High Yield Bond Morningstar Index

ICE BofA US High Yield TR USD

### Portfolio Manager(s)

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

### **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 0.49 is 45.56% lower than the High Yield Bond category average.

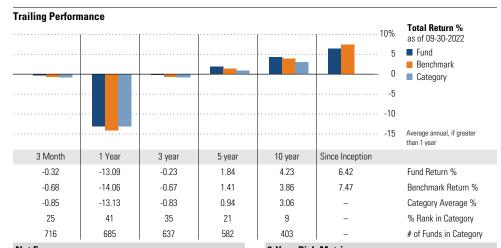
### **Morningstar Investment Management LLC Analysis**

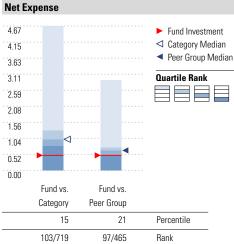
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

### **ESG Metrics**

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

#### Growth of \$10,000 ▼ Manager Change V Partial Mgr Change Fund: \$10,000 - Benchmark: \$10,000 - Category: \$10,000 Performance Quartile (Within Category) 2013 2014 2015 2016 2017 2018 2019 2020 2021 YTD History 9.50 3.31 -3.96 14.01 8.31 -2.76 15.58 5.93 5.86 -13.89 Total Return % 2.08 0.81 0.68 -3.48 0.83 -0.50 1.17 -0.240.50 0.73 +/- Benchmark 1.84 2.60 2.20 0.05 0.71 -0.17 2.96 1.02 1.09 -0.34 +/- Category 12 12 52 41 14 50 13 36 21 43 Tot Ret % Rank in Cat 704 713 776 702 707 713 692 684 # of Funds in Cat 710 695 84 87 70 90 86 90 102 119 76 Turnover % 0.51 0.52 0.50 0.50 0.49 0.47 0.47 Expense Ratio





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

3-Year Risk Wietrics			
	Fund	Bmark	Cat
Alpha	0.46	_	-0.22
Beta	1.01	_	0.95
R-Squared	99.37	_	95.19
Standard Deviation	11.24	11.14	10.79
Sharpe Ratio	-0.02	-0.06	-0.07
Tracking Error	0.90	_	2.50
Information Ratio	0.50	_	-0.16
Up Capture Ratio	100.80	_	91.62
Down Capture Ratio	97.28	_	93.77

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	3.81	_	3.71
Avg Eff Maturity	7.14	_	5.59



Not Rated

## BlackRock High Yield Bond K BRHYX

Style Analysis as of 09-30-2022
Style Breakdown
Fixed Income

Quality

Given the state of the st

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	2.40	_	1.75
AA	0.00	_	0.05
А	0.16	_	0.19
BBB	1.63	_	4.19
BB	35.33	_	35.65
В	41.99	_	37.64
Below B	15.84	_	18.17

2.65

2.36

#### Asset Allocation as of 09-30-2022 Asset Class Net % Cat% US Stocks 2.77 0.89 Non-US Stocks 0.00 0.03 Bonds 93.46 91.71 Cash 2.37 3.24 Other 1.40 4.13 50 100 Total 100.00 100.00

**Morningstar Category** 

High Yield Bond

Morningstar Index

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

ICE BofA US High Yield TR USD

Sector Weighting as of 09-30-2022						
	Fund	Bmark	Cat	Fund ▼ Benchmark [] Category Average		
Government	0.03	-	2.39			
Treasury	0.00	_	0.69			
Inflation - Protected	0.00	_	0.01			
Agency/Quasi Agency	0.03	_	0.12			
Other Government Related	0.00	_	1.57			
Corporate	96.49	-	88.30	<b></b>		
Corporate Bond	80.60	_	81.83			
Bank Loan	14.42	_	5.20			
Convertible	1.47	_	1.18			
Preferred	0.00	_	0.09			
Securitized	0.33	-	2.07			
Agency MBS Pass-Through	0.00	_	0.06			
Agency MBS ARM	0.00	_	0.00			
Agency MBS CMO	0.00	_	0.22			
Non-Agency Residential MBS	0.00	_	0.14			
Commercial MBS	0.00	_	0.61			
Asset-Backed	0.33	_	1.04			
Covered Bond	0.00	_	0.00			
Municipal	0.00	-	0.03			
Cash & Equivalents	3.05	_	6.13			
Other	0.10	-	1.08			

**Top 10 Holdings** as of 09-30-2022 Name Maturity Date % Net Asset Cumulative % Fixed Income Sector BlackRock Liquidity T-Fund Instl 2.61 2.61 TransDigm, Inc. 6.25% 03-2026 1.34 3.95 ① iShares iBoxx \$ High Yield Corp Bd ETF 0.78 4.73 ① Clarios Global Lp 8.5% 05-2027 0.73 5.47 ① Ascent Resources Utica Holdings LI TI 11-2025 0.69 6.15 ① Altice France Holdings S A 10.5% 05-2027 0.68 6.83 ⊕ Brand Energy & Infrastructure Serv TI 06-2024 0.56 7.40 ① Alliant Holdings Intermediate LLC/Alliant Holdings Co-Issuer Inc 6.75% 10-2027 0.53 7.93 Athenahealth Group Inc TI-B 02-2029 0.52 8.45 Verscend Escrow Corp 9.75% 08-2026 0.52 8.97

Total Holdings 1625

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



## BlackRock Total Return K MPHQX

Morningstar Category Morningstar Index

Intermediate Core-Plus Bond Bloomberg US Agg Bond TR USD

### Portfolio Manager(s)

Rick Rieder since 08-2010 Bob Miller since 10-2011 David Rogal since 01-2017

### **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 12.16 years.

Style Consistency is not calculated for Fixed Income funds.

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

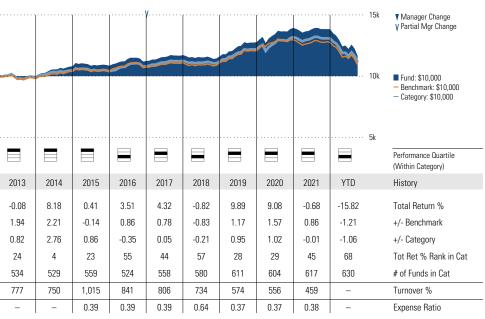
### **Morningstar Investment Management LLC Analysis**

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

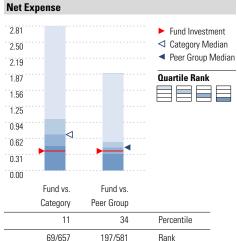
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
ESG Commitment	2-Basic	02-15-2022

## Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.85	_	0.56
Beta	1.11	_	1.05
R-Squared	87.66	_	78.08
Standard Deviation	6.37	5.36	6.46
Sharpe Ratio	-0.51	-0.70	-0.53
Tracking Error	2.32	_	3.04
Information Ratio	0.18	_	0.12
Up Capture Ratio	124.39	_	119.57
Down Capture Ratio	109.72	_	107.94

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.92	4.43	6.08
Avg Eff Maturity	8.46	_	8.46



## BlackRock Total Return K MPHQX

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

<b>Style Analysis</b>	as of 09-30-2022
Style Breakdown Fixed Income	ι Quality
	High
	Low
Ltd Mod Ext	<

			Low			
Ltd Duratio	Mod	Ext				
Credit	Rating	g Breakdo	wn	Fund	Bmark	Cat
AAA				51.30	3.53	50.65

0	50	100	Total	100.00	100.00
			Other	0.64	1.71
			Cash	7.67	-1.84
			Bonds	90.57	100.09
			Non-US Stocks	0.08	0.00
			US Stocks	1.04	0.03
			Asset Class	Net %	Cat%
Asset Allocation	as of 09-30-2022				

Sector Weighting as of 09-3	Fund	Bmark	Cat	Fund		Benchma	ark [] (	Category	Average			
Government	-		26.47	Tana		Bononin		Jatogory	/ Wordgo			
Treasury		_	15.66				i n					
Inflation – Protected	_			1								
	_	_	0.28	[								
Agency/Quasi Agency	_	_	0.60	0								
Other Government Related	_	_	9.93			Ų						
Corporate	-	-	26.93						[ ]			
Corporate Bond	_	_	24.97									
Bank Loan	-	_	0.43									
Convertible	_	_	1.41									
Preferred	_	_	0.12									
Securitized	-	-	37.60									
Agency MBS Pass-Through	_	_	19.07									
Agency MBS ARM	_	_	0.05									
Agency MBS CMO	_	_	1.02									
Non-Agency Residential MBS	_	_	0.52									
Commercial MBS	_	_	6.60		1 [							
Asset-Backed	_	_	10.34									
Covered Bond	_	_	0.00									
Municipal	_	_	0.94									
Cash & Equivalents	_	_	4.38		0							
Other	-	-	3.49									
				0%	5	10	15	20	25	30	35	40

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	51.30	3.53	50.65
AA	2.52	74.59	5.16
A	10.03	10.82	11.01
BBB	15.43	8.32	19.73
BB	8.48	0.28	6.92
В	3.26	0.00	2.30
Below B	1.21	0.00	1.92
Not Rated	7.77	2.46	2.31

**Top 0 Holdings** as of 09-30-2022

Name Maturity Date % Net Asset Cumulative % Fixed Income Sector

### Total Holdings 0

⊕ Increase ⊕ Decrease ☼ New to Portfolio



## **DFA US Core Equity 1 I** DFEOX

Morningstar Category
Large Blend

Morningstar Index S&P 500 TR USD

Expense Ratio

### Portfolio Manager(s)

Jed Fogdall since 02-2012 John Hertzer since 02-2022 Mary Phillips since 02-2022

### **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 10.59 years.

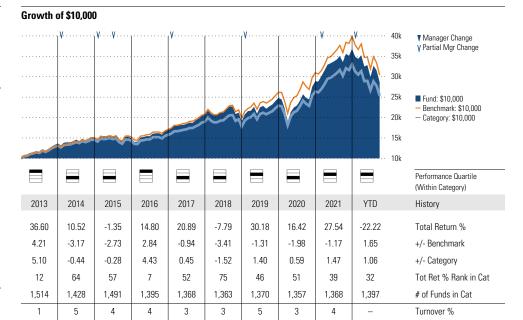
Net Expense: The fund's expense ratio of 0.14 is 82.5% lower than the Large Blend category average.

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

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

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022

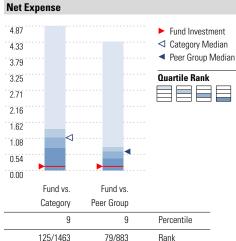




0.20

0.18

0.15



0.19

0.19

0.19

0.19

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.24	_	-1.32
Beta	1.04	_	0.96
R-Squared	97.42	_	95.48
Standard Deviation	21.30	20.30	19.87
Sharpe Ratio	0.44	0.45	0.37
Tracking Error	3.50	_	4.01
Information Ratio	-0.03	_	-0.98
Up Capture Ratio	100.97	_	92.89
Down Capture Ratio	101.65	_	97.59

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.44	17.98	18.23
Price/Book Ratio	2.97	3.38	3.60
Geom Avg Mkt Cap \$B	63.03	164.20	210.33
ROE	29.97	31.94	32.91





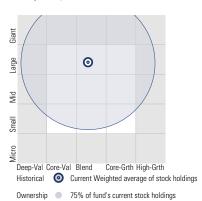
## **DFA US Core Equity 1 I** DFEOX

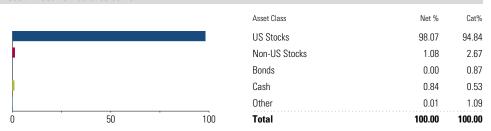
## Asset Allocation as of 09-30-2022

Morningstar Category Morningstar Index

☐ Large Blend S&P 500 TR USD

**Style Analysis** as of 09-30-2022 Morningstar Style Box<sup>™</sup>





#### Sector Weighting as of 09-30-2022 Fund Bmark Cat Fund Cyclical 30.80 29.69 29.07 æ. Basic Materials 3.77 2.24 2.66 Consumer Cyclical 11.51 11.44 10.23 **.** Financial Services 15.25 13.64 13 11 侖 Real Estate 0.27 2.90 2.54 Sensitive 46.95 44.73 45.16 **Communication Services** 7.17 8.07 7.92 • Energy 6.34 4.55 4.06 Ф Industrials 12.25 8.32 10.09 Technology 21.19 23.79 23.09 22.24 25.58 Defensive 25.75 Consumer Defensive 7.27 7.33 7.35 Healthcare 12.12 15.18 15.61 Utilities 2.85 3.07 2.79 10 15 20 25 30 45

### Style Breakdown

Equity

16	21	23	Large
8	13	4	Mid
6	8	2	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
				3
Apple Inc	5.13	5.13	-21.79	Technology
Microsoft Corp	3.78	8.91	-30.20	Technology
Amazon.com Inc	2.11	11.02	-32.22	Consumer Cyclical
Alphabet Inc Class A	1.21	12.23	-33.97	Communication Svc
Alphabet Inc Class C	1.13	13.36	-33.54	Communication Svc
⊕ Exxon Mobil Corp	1.06	14.42	47.00	Energy
⊕ Tesla Inc	0.93	15.35	-24.70	Consumer Cyclical
Berkshire Hathaway Inc Class B	0.93	16.29	-10.70	Financial Services
⊕ Meta Platforms Inc Class A	0.93	17.21	-59.66	Communication Svc
Johnson & Johnson	0.89	18.10	-2.57	Healthcare
JPMorgan Chase & Co	0.87	18.97	-32.11	Financial Services
─ UnitedHealth Group Inc	0.85	19.82	1.52	Healthcare
S+p500 Emini Fut Sep22 Xcme 20220916	0.85	20.67	_	-
⊕ Ssc Government Mm Gvmxx	0.83	21.50	_	-
Procter & Gamble Co	0.76	22.26	-21.17	Consumer Defensive

Total Holdings 2651

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



## **DFA US Small Cap Value I** DFSVX

**Morningstar Category** 

Morningstar Index

## Russell 2000 Value TR USD

### Portfolio Manager(s)

Jed Foodall since 02-2012 Joel Schneider since 07-2015 Marc Leblond since 02-2020

### **Quantitative Screens**

Performance: The fund has finished in the Small Value category's top three quartiles in 9 of the 10 years it's been

Management: The fund's management has been in place for 10.59 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 0.3 is 73.91% lower than the Small Value category average.

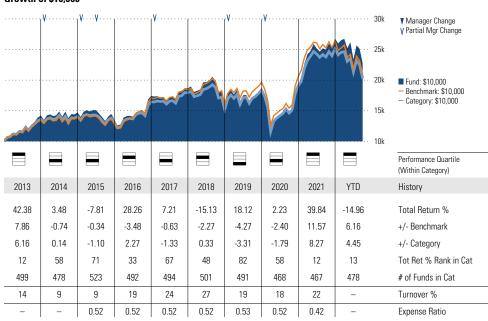
### **Morningstar Investment Management LLC Analysis**

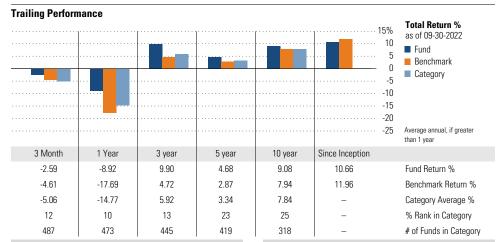
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

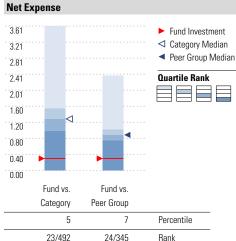
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Medium Risk	06-30-2022

## Growth of \$10,000







3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	4.95	_	0.96
Beta	1.04	_	0.99
R-Squared	97.43	_	94.89
Standard Deviation	27.97	26.48	26.98
Sharpe Ratio	0.46	0.28	0.31
Tracking Error	4.62	_	6.33
Information Ratio	1.12	_	0.12
Up Capture Ratio	111.68	_	99.47
Down Capture Ratio	98.16	-	97.32

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	7.88	8.44	9.93
Price/Book Ratio	1.14	1.16	1.45
Geom Avg Mkt Cap \$B	2.39	1.65	3.37
ROE	14.26	7.02	16.19





# **DFA US Small Cap Value I** DFSVX

## Morningstar Category Small Value

## Morningstar Index

## Russell 2000 Value TR USD

### Style Analysis as of 09-30-2022

Morningstar Style Box™



### Style Breakdown

Equity

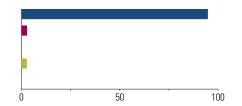
. ,			
1	0	0	Large
6	4	0	M
54	32	2	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

### Asset Allocation as of 09-30-2022



Total	100.00	100.00
Other	0.09	0.02
Cash	2.56	2.08
Bonds	0.00	0.03
Non-US Stocks	2.66	2.90
US Stocks	94.69	94.97
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund ▼ Benchmark [] Category Average
_					Tuliu T Beliciillark   Category Average
b	Cyclical	49.76	53.08	50.26	
A.	Basic Materials	7.21	3.36	5.71	
4	Consumer Cyclical	12.62	9.92	12.73	
£	Financial Services	29.16	26.51	24.49	
ŧ	Real Estate	0.77	13.29	7.33	
M	Sensitive	40.87	26.23	35.83	
	Communication Services	2.36	2.88	1.93	
	Energy	10.66	5.32	6.56	
<b>Ģ</b>	Industrials	19.27	11.49	18.02	
3	Technology	8.58	6.54	9.32	
<b>→</b>	Defensive	9.35	20.70	13.92	
	Consumer Defensive	5.18	3.44	4.24	
٠	Healthcare	3.83	12.22	6.43	
•	Utilities	0.34	5.04	3.25	
					0% 5 10 15 20 25 30 35 40 45 50

#### **Top 15 Holdings** as of 09-30-2022 Cumulative % YTD Return % Name % Net Asset Morningstar Sector Usd 1.70 1.70 Ssc Government Mm Gvmxx 0.86 2.56 ○ S+p500 Emini Fut Sep22 Xcme 20220916 0.85 3.41 Acadia Healthcare Co Inc 0.85 4.26 28.80 Healthcare Murphy Oil Corp 5.09 36.90 0.82 Energy 0.82 5.91 61.70 Financial Services Unum Group Antero Resources Corp 0.81 6.72 74.46 Energy WESCO International Inc 0.76 7.48 -9.28 Industrials Amkor Technology Inc 0.75 8.24 -30.62 Technology PDC Energy Inc 0.74 8.98 20.42 Energy Commercial Metals Co 0.72 9.70 -1.07 Basic Materials United States Steel Corp 0.70 10.40 -23.27 Basic Materials New York Community Bancorp Inc 0.68 11.08 -25.96 Financial Services Element Solutions Inc 0.68 11.76 -32.00 Basic Materials Penske Automotive Group Inc 0.67 12.42 -6.80 Consumer Cyclical

Total Holdings 990

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



## JPMorgan Large Cap Growth R6 JLGMX

**Morningstar Category** Large Growth

Morningstar Index

Russell 1000 Growth TR USD

### Portfolio Manager(s)

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

### **Quantitative Screens**

- Performance: The fund has finished in the Large Growth category's top three quartiles in 9 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 18.17 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 0.44 is 54.17% lower than the Large Growth category average.

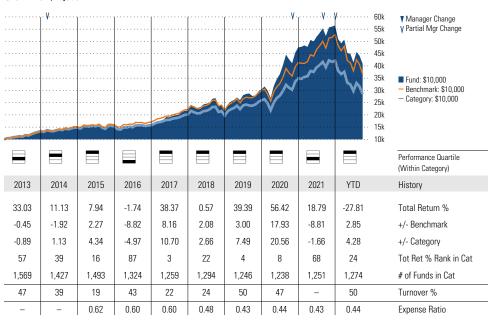
### **Morningstar Investment Management LLC Analysis**

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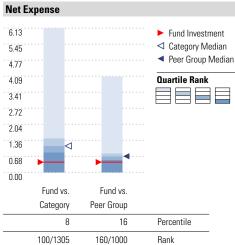
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	2-Basic	04-07-2022

### Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	2.99	_	-3.29
Beta	0.98	_	0.97
R-Squared	95.38	_	93.15
Standard Deviation	23.26	23.13	23.33
Sharpe Ratio	0.64	0.52	0.37
Tracking Error	5.02	_	6.09
Information Ratio	0.61	_	-0.78
Up Capture Ratio	98.35	_	88.47
Down Capture Ratio	88.49	-	97.94

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	22.08	23.78	23.27
Price/Book Ratio	6.49	8.32	6.18
Geom Avg Mkt Cap \$B	247.46	240.14	266.70
ROE	41.12	41.06	37.20



# JPMorgan Large Cap Growth R6 JLGMX

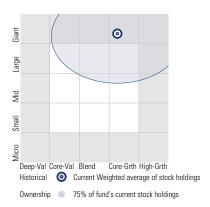
# Morningstar Category Large Growth

Morningstar Index

Russell 1000 Growth TR USD

## Style Analysis as of 09-30-2022

Morningstar Style Box™



# Style Breakdown

Equity

11	34	48	Laige
1	5	2	IVIIO
0	0	0	ollidii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



50

Asset Allocation as of 09-30-2022

#### Asset Class Net % Cat% US Stocks 90.81 93.35 Non-US Stocks 0.66 4.27 Bonds 0.00 0.01 Cash 8.53 2.00 Other 0.00 0.37 Total 100.00 100.00

966	ctor Weighting as of 09-3									п -						
		Fund	Bmark	Cat	Fund		▼ Be	nchn	nark	[] Ca	tegory	/ Aver	age			
b	Cyclical	24.28	25.91	28.66	,											
A.	Basic Materials	1.86	1.20	1.51												
<b>A</b>	Consumer Cyclical	15.39	16.68	15.69				<b>=</b> ['								
<b>,</b>	Financial Services	7.03	6.40	9.74												
fit.	Real Estate	0.00	1.63	1.72	İ											
W	Sensitive	52.40	55.67	51.49												- 1
	Communication Services	6.68	7.45	9.75												
ð	Energy	2.48	1.56	2.32												
Ф	Industrials	8.46	7.55	6.05												
	Technology	34.78	39.11	33.37									7			
<b>→</b>	Defensive	23.31	18.43	19.86												
=	Consumer Defensive	4.35	6.26	4.32		]										
٠	Healthcare	18.96	12.11	14.94			- 1	j								
•	Utilities	0.00	0.06	0.60	Ī											
					0%	5	10	15	20	25	30	35	40	45	50	55

100

<b>Top 15 Holdings</b> as of 09-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Apple Inc	9.72	9.72	-21.79	Technology
D JPMorgan Prime Money Market Inst	8.53	18.25	_	_
Microsoft Corp	8.33	26.58	-30.20	Technology
Alphabet Inc Class C	5.67	32.25	-33.54	Communication Svc
Tesla Inc	4.10	36.34	-24.70	Consumer Cyclical
AbbVie Inc	2.92	39.27	2.52	Healthcare
🕑 Coca-Cola Co	2.84	42.10	-3.16	Consumer Defensive
AutoZone Inc	2.78	44.89	2.17	Consumer Cyclical
McKesson Corp	2.77	47.65	37.33	Healthcare
Deere & Co	2.73	50.38	-1.66	Industrials
Lowe's Companies Inc	2.43	52.81	-26.32	Consumer Cyclical
ConocoPhillips	2.25	55.06	47.02	Energy
Amazon.com Inc	2.09	57.15	-32.22	Consumer Cyclical
Oracle Corp	2.03	59.18	-28.87	Technology
Charles Schwab Corp	1.88	61.05	-13.80	Financial Services

Total Holdings 74

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



## 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 Paul Gordon since 05-2011 Eric Braz since 06-2021

### **Quantitative Screens**

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

Management: The fund's management has been in place for 13.87 years.

Net Expense: The fund's expense ratio of 0.65 is 38.1% 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**

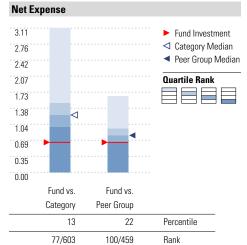
Metric	Rating	Updated
Sustainability Rating	5	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	2-Basic	02-15-2022

### Growth of \$10,000



#### **Trailing Performance Total Return %** 15% as of 09-30-2022 10 ■ Fund Benchmark Category -10 -15 -20 -25 -30 -35 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year Fund Return % -4.10 -29.11 3.35 8.76 11.64 -0.65 -29.50 4.26 7.62 10.85 10.43 Benchmark Return % -29 18 5 10 7 27 -1.83 10.14 Category Average % 80 52 71 23 % Rank in Category

494



585

535

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	-0.57	_	0.85
Beta	0.90	_	0.99
R-Squared	94.78	_	91.53
Standard Deviation	22.43	24.18	25.14
Sharpe Ratio	0.23	0.26	0.28
Tracking Error	5.64	_	7.20
Information Ratio	-0.16	_	-0.02
Up Capture Ratio	94.24	_	100.98
Down Capture Ratio	96.64	_	99.49

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	31.53	22.23	24.18
Price/Book Ratio	4.60	5.66	3.64
Geom Avg Mkt Cap \$B	19.61	18.22	14.41
ROE	23.70	25.45	18.11



# of Funds in Category

602

# MFS Mid Cap Growth R6 OTCKX

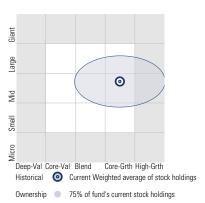
## Morningstar Category Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

## Style Analysis as of 09-30-2022

Morningstar Style Box™



### Style Breakdown

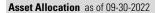
Equity

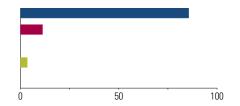
. ,			
0	7	22	Large
1	39	22	Mid
1	6	1	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	0.33
Cash	3.35	3.50
Bonds	0.00	0.07
Non-US Stocks	11.14	3.96
US Stocks	85.51	92.12
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	▼ Be	nchmar	kΠ	Cated	gory Av	verage		
Ն	Cyclical	32.51	25.90	28.48					1				
A.	Basic Materials	2.00	2.90	2.50									
Д	Consumer Cyclical	15.58	15.37	12.72									
<del>,</del>	Financial Services	9.87	5.63	9.78	1								
À	Real Estate	5.06	2.00	3.48									
M	Sensitive	47.86	54.51	48.04									'
₫	Communication Services	3.82	4.82	3.34									
ð	Energy	1.90	4.69	2.97									
Ф	Industrials	16.21	15.84	14.50		- :							
	Technology	25.93	29.16	27.23									
<b>-</b>	Defensive	19.62	19.59	23.47									
=	Consumer Defensive	1.01	3.24	2.51									
٠	Healthcare	18.61	16.04	20.24				[					
•	Utilities	0.00	0.31	0.72	il i								

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Cadence Design Systems Inc	3.53	3.53	-12.30	Technology
⊕ Currency Cash CASH_USD	3.34	6.87	_	_
Monolithic Power Systems Inc	3.23	10.11	-25.88	Technology
Arthur J. Gallagher & Co	2.84	12.94	1.82	Financial Services
→ PerkinElmer Inc	2.76	15.70	-40.05	Healthcare
MSCI Inc	2.69	18.39	-30.61	Financial Services
Steris PLC	2.36	20.75	-31.14	Healthcare
Verisk Analytics Inc	2.35	23.11	-25.04	Industrials
AMETEK Inc	2.18	25.28	-22.42	Industrials
Extra Space Storage Inc	2.06	27.34	-21.84	Real Estate
Vulcan Materials Co	1.93	29.27	-23.45	Basic Materials
Nasdaq Inc	1.92	31.19	-18.20	Financial Services
Synopsys Inc	1.91	33.10	-17.09	Technology
Icon PLC	1.83	34.93	-40.66	Healthcare
O'Reilly Automotive Inc	1.78	36.71	-0.41	Consumer Cyclical

Total Holdings 92

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



## PIMCO Commodity Real Ret Strat Instl PCRIX

**Morningstar Category** Commodities Broad Basket Morningstar Index

Bloomberg Commodity TR USD

### Portfolio Manager(s)

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

### **Quantitative Screens**

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

Management: The fund's management has been in place for 3.92 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.76 is 26.92% lower than the Commodities Broad Basket category average.

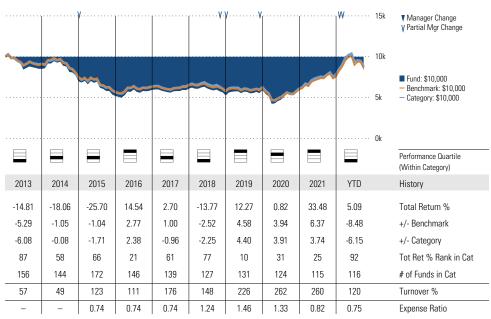
### **Morningstar Investment Management LLC Analysis**

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

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022

## Growth of \$10,000



#### **Trailing Performance Total Return %** as of 09-30-2022 Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year -8.58 4.81 14.52 7.60 -2.373.91 Fund Return % -4.11 11.80 13.45 6.96 -2.14 2.80 Benchmark Return % -6.81 12.60 13 65 7 14 -1 83 Category Average % 72 95 36 38 71 % Rank in Category 117 115 109 92 66 # of Funds in Category

Net Exp	ense		
3.08			► Fund Investment
2.74			Category Median
2.40			<ul> <li>Peer Group Median</li> </ul>
2.05			Quartile Rank
1.71			
1.37			
1.03			
0.68			
0.34			
0.00			
	Fund vs.	Fund vs.	
	Category	Peer Group	
-	37	56	Percentile

44/117	39/70	Rank	
Peer group is a subset of t	he category an	d includes fund	ds with the
same management style (	active vs. passi	ive) and similar	share class
characteristics			

3- Teal hisk wiellics			
	Fund	Bmark	Cat
Alpha	-0.72	_	0.25
Beta	1.17	_	1.03
R-Squared	95.96	_	86.02
Standard Deviation	22.45	18.76	21.13
Sharpe Ratio	0.69	0.73	0.70
Tracking Error	5.55	_	7.77
Information Ratio	0.19	_	0.08
Up Capture Ratio	113.17	_	102.21
Down Capture Ratio	115.56	-	102.72

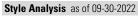
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	12.32	_	8.51
Price/Book Ratio	1.51	-	1.62
Geom Avg Mkt Cap \$B	20.09	-	29.32
ROE	16.78	-	22.38



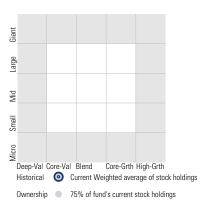
# PIMCO Commodity Real Ret Strat Instl PCRIX

#### **Morningstar Category Morningstar Index** Commodities Broad Basket

Bloomberg Commodity TR USD



Morningstar Style Box™



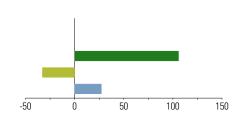


Equity



Value Blend Growth

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



Asset Allocation as of 09-30-2022

Asset Class Net % Cat% US Stocks 0.00 1.14 Non-US Stocks 0.00 0.94 Bonds 105.63 39.10 Cash -32.77 44.53 27.14 Other 14.29 Total 100.00 100.00

		Fund	Bmark	Cat	Fund	▼ Benchmark	Categoi	y Average	
Դ	Cyclical	_	_	47.24					
A.	Basic Materials	_	-	47.24					
<b>A</b>	Consumer Cyclical	_	-	0.00	ĺ				
æ	Financial Services	_	-	0.00	0				
<b>fi</b>	Real Estate	_	-	0.00	Ö				
M	Sensitive	-	_	41.11					
d	Communication Services	_	_	0.00	Ò				
•	Energy	_	_	38.04					
<b>\$</b>	Industrials	_	_	3.07					
	Technology	_	_	0.00	Ò				
<b>→</b>	Defensive	-	-	11.65					
Ę	Consumer Defensive	_	_	11.04					
ŀ	Healthcare	_	_	0.61					
?	Utilities	_	_	0.00	ĺ				

<b>Top 15 Holdings</b> as of 09-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ United States Treasury Notes 0.125%	21.22	21.22	_	_
→ U S TIPS REV REPO	21.20	42.42	_	_
⇒ U S TIPS REV REPO	21.17	63.59	_	_
☆ Offset: Unsettled Trades	17.24	80.83	_	-
⊕ 2 Year Treasury Note Future Sept 22	12.37	93.20	-	_
① United States Treasury Notes 0.625%	9.25	102.45	_	_
→ 10 Year Treasury Note Future Sept 22	8.54	110.99	_	-
	8.40	119.39	_	_
∋ Fin Fut 10Yr Jgb Ose 09/12/22	8.26	127.65	_	_
⊕ 3 Month Euribor TAS Future Mar 23	7.05	134.70	-	_
☆ Cash Offset	6.91	141.61	_	_
⊖ Euro Schatz Future Sept 22	6.87	148.48	-	_
	6.82	155.30	-	_
⊕ United States Treasury Notes 0.75%	6.69	161.99	-	_
EUROPEAN MONETARY UNION EURO Purchased	6.04	168.04	_	_

**Total Holdings 859** 

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



## PIMCO Income Insti PIMIX

### Portfolio Manager(s)

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

### **Quantitative Screens**

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

Management: The fund's management has been in place for 15.52 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.51 is 48.48% lower than the Multisector Bond category average.

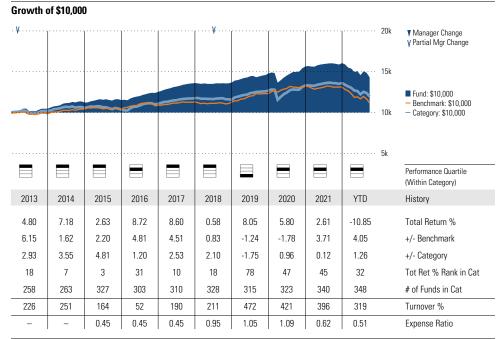
### **Morningstar Investment Management LLC Analysis**

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

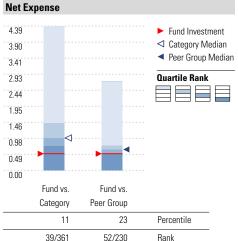
### Morningstar Category Multisector Bond

Morningstar Index
Rhomberg LIS Universal TR III

tisector Bond Bloomberg US Universal TR USD







3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	2.85	_	2.12
Beta	0.95	_	1.04
R-Squared	53.59	_	47.77
Standard Deviation	7.14	5.51	8.81
Sharpe Ratio	-0.09	-0.65	-0.19
Tracking Error	4.87	_	6.61
Information Ratio	0.59	_	0.32
Up Capture Ratio	116.58	_	121.01
Down Capture Ratio	77.76	_	94.57

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	2.94	4.55	4.01
Avg Eff Maturity	4.83	7.69	7.95



# PIMCO Income Insti PIMIX



Credit Rating Breakdown	Fund	Bmark	Cat
AAA	40.76	67.64	21.84
AA	5.76	3.23	4.26
A	4.00	10.03	8.50
BBB	16.91	10.89	21.28
BB	18.59	3.19	18.20
В	4.74	3.64	16.05
Below B	9.24	1.38	5.79
Not Rated	0.00	0.00	4.08

#### Multisector Bond Bloomberg US Universal TR USD Asset Allocation as of 09-30-2022 Asset Class Cat% Net % US Stocks 1.56 1.12 Non-US Stocks 0.41 0.18 Bonds 124.99 96.06 Cash -31.14 0.11 Other 4.61 2.08 -50 Ó 50 100 150 Total 100.00 100.00

**Morningstar Category** 

**Morningstar Index** 

Sector Weighting as of 09-	30-2022											
	Fund	Bmark	Cat	Fund	▼ Be	enchmar	k [] C	ategory .	Average			
Government	26.92	-	23.86									
Treasury	3.04	_	8.65		[							
Inflation - Protected	1.26	_	0.43	(III								
Agency/Quasi Agency	0.21	_	0.96	i [								
Other Government Related	22.41	_	13.82									
Corporate	7.38	-	36.52									
Corporate Bond	5.00	_	30.82									
Bank Loan	1.02	_	2.84									
Convertible	1.08	_	2.38									
Preferred	0.28	_	0.48	0								
Securitized	20.33	-	26.27									
Agency MBS Pass-Through	8.24	_	7.83									
Agency MBS ARM	0.00	_	0.00	į								
Agency MBS CMO	0.64	_	0.61	ii)								
Non-Agency Residential MBS	3.19	_	1.59									
Commercial MBS	0.20	-	5.44	1								
Asset-Backed	8.06	-	10.80									
Covered Bond	0.00	-	0.00	Ì								
Municipal	0.04	_	0.37									
Cash & Equivalents	24.67	_	7.42									
Other	18.58	_	5.27		-							
				0%	5	10	15	20	25	30	35	40

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
☆ Cash Offset	_	25.21	25.21	_
☆ Offset: Unsettled Trades	_	15.76	40.97	_
⊕ CDX HY38 5Y ICE	06-2027	9.46	50.44	_
	11-2022	8.85	59.29	_
□ IRS USD 0.70000 12/14/21-3Y LCH Pay	12-2024	8.66	67.95	_
☐ IRS USD 0.80000 12/14/21-3Y LCH Pay	12-2024	8.65	76.60	_
	12-2024	8.16	84.77	_
	12-2024	8.16	92.93	_
⊕ 10 Year Treasury Note Future Sept 22	09-2022	7.46	100.38	_
→ BRITISH POUND STERLING Sold	08-2022	6.75	107.13	_

Total Holdings 8056

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



## PIMCO Short-Term Instl PTSHX

## Morningstar Category Ultrashort Bond

### Morningstar Index

Bloomberg US Agg Bond TR USD

### Portfolio Manager(s)

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

### **Quantitative Screens**

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

Management: The fund's management has been in place for 11.75 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.45 is 4.26% lower than the Ultrashort Bond category average.

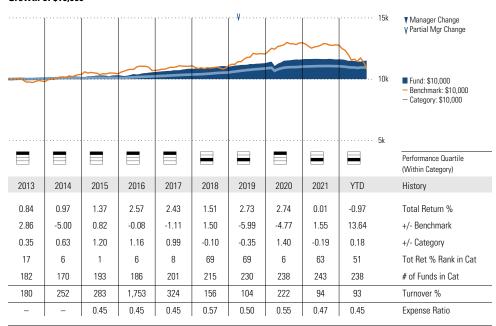
### **Morningstar Investment Management LLC Analysis**

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

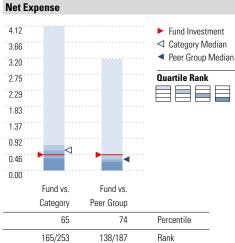
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	08-31-2022

### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 09-30-2022 Fund Benchmark Category -5 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year 0.60 Fund Return % -1.320.72 1.30 1.46 3.92 -4.75 -14.60 -3.26 -0.27 0.89 6.63 Benchmark Return % 0.12 -1 30 0.34 1.04 0.84 Category Average % 14 55 21 28 8 % Rank in Category 247 237 216 178 99 # of Funds in Category



3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	1.08	-	0.71
Beta	0.11	-	0.12
R-Squared	5.53	-	16.20
Standard Deviation	2.42	5.36	1.88
Sharpe Ratio	0.05	-0.70	-0.23
Tracking Error	5.34	-	5.17
Information Ratio	0.74	-	0.69
Up Capture Ratio	30.46	-	25.28
Down Capture Ratio	10.41	-	12.13

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	0.18	4.43	0.90
Avg Eff Maturity	_	_	2.34





# PIMCO Short-Term Instl PTSHX

Style Analysis as of 09-30-2022								
Style Breakdow	'n							
Fixed Income	Quality							
	High							
	Mid							
	Low							
Ltd Mod Ex Duration	t							

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	42.34	3.53	43.89
AA	4.03	74.59	6.32
A	23.62	10.82	18.20
BBB	28.38	8.32	21.88
BB	1.27	0.28	1.39
В	0.19	0.00	1.10
Below B	0.17	0.00	0.26
Not Rated	0.00	2.46	6.97



**Morningstar Category** 

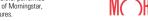
Morningstar Index

Sector Weighting as of 09-	30-2022											
	Fund	Bmark	Cat	Fund	,	Benchmai	rk [] (	Category	Average			
Government	29.61	_	15.37									
Treasury	0.02	_	9.99			Ò						
Inflation - Protected	0.00	_	0.00	ĺ								
Agency/Quasi Agency	5.08	_	1.26									
Other Government Related	24.51	_	4.12					:				
Corporate	25.84	-	36.35								0	
Corporate Bond	22.70	_	31.57									
Bank Loan	0.00	_	0.37									
Convertible	3.14	_	4.41									
Preferred	0.00	_	0.00	į								
Securitized	15.50	_	20.65									
Agency MBS Pass-Through	0.44	_	0.50									
Agency MBS ARM	80.0	_	0.58									
Agency MBS CMO	1.48	_	3.09									
Non-Agency Residential MBS	0.71	_	0.40	0								
Commercial MBS	2.08	_	1.26									
Asset-Backed	10.71	_	14.82									
Covered Bond	0.00	_	0.00									
Municipal	0.07	_	1.00									
Cash & Equivalents	22.27	_	26.44					:				
Other	5.28	_	0.09									
				0%	5	10	15	20	25	30	35	40

A.I.	M	0/ 11 . 1	0 1 0/	F: 11 0 .
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
☆ Cash Offset	_	38.32	38.32	_
⇒ 5 Year Treasury Note Future Sept 22	10-2022	29.03	67.35	_
⊕ 2 Year Treasury Note Future Sept 22	10-2022	8.68	76.03	_
○ CDX IG38 5Y ICE	06-2027	8.57	84.60	_
⊕ RFR USD SOFR/2.70423 07/06/22-2Y* CME Pay	03-2024	8.51	93.11	-
⊕ RFR USD S0FR/2.70423 07/06/22-2Y* CME Receive	03-2024	8.46	101.57	_
⊕ RFR USD SOFR/2.66833 07/06/22-2Y* CME Pay	03-2024	5.89	107.46	_
⊕ RFR USD SOFR/2.66833 07/06/22-2Y* CME Receive	03-2024	5.85	113.31	_
⊕ IRS USD R 3ML/1ML+9.75 01/13/22-23 CME Pay	01-2023	5.72	119.03	_
⊕ IRS USD R 3ML/1ML+9.75 01/13/22-23 CME Receive	01-2023	5.72	124.75	_

⊕ Increase ⊕ Decrease 🕸 New to Portfolio

Total Holdings 1276



## Vanguard 500 Index Admiral VFIAX

# Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

### Portfolio Manager(s)

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

### Quantitative Screens

- ✓ Performance: The fund has finished in the Large Blend category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 6.43 years.
- Style: The fund has landed in its primary style box Large Blend — 100 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.04 is 95% 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	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022

### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 09-30-2022 ■ Fund 5 Benchmark Category -10 -15 -20 Average annual, if greater than 1 year 3 Month 10 year Since Inception 1 Year 3 yea 5 year Fund Return % -4.89 -15.51 8.12 9.20 11.66 6.58 10.51 -4.88 -15.47 8.16 9.24 11.70 Benchmark Return % -4 99 -15 83 6 77 7 74 10.38 Category Average % 48 42 23 20 13 % Rank in Category 1.435 1.376 1.250 1.131 828 # of Funds in Category



3-1 ear hisk weitics			
	Fund	Bmark	Cat
Alpha	-0.04	_	-1.32
Beta	1.00	_	0.96
R-Squared	100.00	_	95.48
Standard Deviation	20.30	20.30	19.87
Sharpe Ratio	0.45	0.45	0.37
Tracking Error	0.01	_	4.01
Information Ratio	-3.65	_	-0.98
Up Capture Ratio	99.95	_	92.89
Down Capture Ratio	100.07	_	97.59

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.65	17.98	18.23
Price/Book Ratio	3.73	3.38	3.60
Geom Avg Mkt Cap \$B	182.15	164.20	210.33
ROE	32.18	31.94	32.91



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

Asset Allocation as of 09-30-2022

### **Morningstar Category** Morningstar Index

### Large Blend S&P 500 TR USD

## Style Analysis as of 09-30-2022

Morningstar Style Box™



### Style Breakdown

Equity

19	29	36	Laige
4	9	2	MIN
0	0	0	ollidii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Total	100.00	100.00
Other	0.00	1.09
Cash	0.77	0.53
Bonds	0.00	0.87
Non-US Stocks	0.99	2.67
US Stocks	98.23	94.84
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 09-3	30-2022			
		Fund	Bmark	Cat	Fund Benchmark Category Average
Դ	Cyclical	29.27	29.69	29.07	
A.	Basic Materials	2.25	2.24	2.66	
<b>A</b>	Consumer Cyclical	11.21	11.44	10.23	
<b>£</b>	Financial Services	12.96	13.11	13.64	
ŵ	Real Estate	2.85	2.90	2.54	
Ma.	Sensitive	46.26	44.73	45.16	)
ď	Communication Services	8.42	8.07	7.92	
ð	Energy	4.68	4.55	4.06	
¢	Industrials	8.47	8.32	10.09	
	Technology	24.69	23.79	23.09	
<b>→</b>	Defensive	24.48	25.58	25.75	
=	Consumer Defensive	7.19	7.33	7.35	
٠	Healthcare	14.16	15.18	15.61	
•	Utilities	3.13	3.07	2.79	
					0% 5 10 15 20 25 30 35 40 45 5

<b>Top 15 Holdings</b> as of 09-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Apple Inc	7.20	7.20	-21.79	Technology
Microsoft Corp	5.83	13.03	-30.20	Technology
⊕ Amazon.com Inc	3.30	16.33	-32.22	Consumer Cyclical
⊕ Tesla Inc	2.07	18.40	-24.70	Consumer Cyclical
⊕ Alphabet Inc Class A	1.93	20.33	-33.97	Communication Svc
⊕ Alphabet Inc Class C	1.80	22.13	-33.54	Communication Svc
€ Berkshire Hathaway Inc Class B	1.51	23.64	-10.70	Financial Services
Ð UnitedHealth Group Inc	1.45	25.10	1.52	Healthcare
Ð Johnson & Johnson	1.26	26.36	-2.57	Healthcare
⊕ Exxon Mobil Corp	1.20	27.56	47.00	Energy
NVIDIA Corp	1.13	28.69	-58.69	Technology
⊕ Meta Platforms Inc Class A	1.11	29.80	-59.66	Communication Svc
D JPMorgan Chase & Co	1.00	30.79	-32.11	Financial Services
Procter & Gamble Co	0.99	31.78	-21.17	Consumer Defensive
D Visa Inc Class A	0.97	32.75	-17.50	Financial Services

Total Holdings 506

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



## Vanguard Equity-Income Adm VEIRX

Morningstar Category
Large Value

Morningstar Index Russell 1000 Value TR USD

Turnover %

Expense Ratio

### Portfolio Manager(s)

Sharon Hill since 02-2021 Matthew Hand since 10-2021

### Quantitative Screens

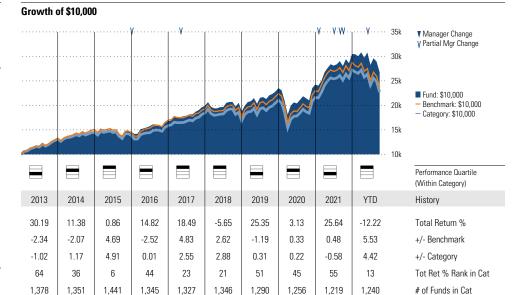
- Performance: The fund has finished in the Large Value category's top three quartiles in 10 of the 10 years it's been in existence.
- × *Management:* The fund's management team has been in place for less than three years.
- ✓ Net Expense: The fund's expense ratio of 0.19 is
   79.12% lower than the Large Value category average.

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

We are placing Vanguard Equity-Income on watch due to the retirement of comanager Michael Reckmeyer of subadvisor Wellington Management. Comanager Matthew Hand assumed lead-PM duties in July 2022 on the Wellington sleeve of the portfolio. Hand has been a member of the portfolio management team since October 2021. Under Hand's leadership the strategy is expected to maintain the same investment process that had delivered solid results over Reckmeyer's tenure. However, since Hand does not have a public track record of his own, we are placing this fund on watch as we assess his transition to lead portfolio manager.

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	08-31-2022
Carbon Risk Score	Medium Risk	06-30-2022





32

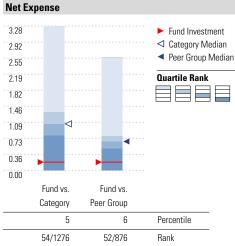
0.18

35

0.19

29

0.19



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

J-1 Cui Illak Mictilica			
	Fund	Bmark	Cat
Alpha	2.54	_	1.02
Beta	0.87	_	0.98
R-Squared	97.64	_	95.47
Standard Deviation	17.93	20.45	20.54
Sharpe Ratio	0.41	0.28	0.32
Tracking Error	3.88	_	4.62
Information Ratio	0.59	_	0.21
Up Capture Ratio	93.66	_	99.08
Down Capture Ratio	84.41	_	95.67

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	16.14	13.75	12.66
Price/Book Ratio	2.64	2.00	2.12
Geom Avg Mkt Cap \$B	105.96	64.23	95.02
ROE	26.30	18.55	25.15



34

33

32

0.17

26

0.17

28

0.17

37

0.18

# Vanguard Equity-Income Adm VEIRX

# Morningstar Category Large Value

Morningstar Index Russell 1000 Value TR USD

## Style Analysis as of 09-30-2022

Morningstar Style Box™



### Style Breakdown

Equity

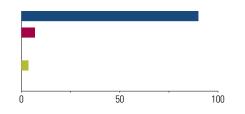
41	40	4	Falge
9	4	0	MIN
1	0	0	ollidii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

### Asset Allocation as of 09-30-2022



Total	100.00	100.00
Other	0.00	0.71
Cash	3.39	1.70
Bonds	0.00	0.32
Non-US Stocks	6.72	5.78
US Stocks	89.88	91.50
Asset Class	Net %	Cat%

Sector Weighting as of 09	-30-2022									
	Fund	Bmark	Cat	Fund	▼ Benchm	ark 🛚 Ca	tegory A	verage		
<b>⊕</b> Cyclical	28.60	34.81	32.14							
Basic Materials	3.81	3.61	3.28							
Consumer Cyclical	4.25	5.97	6.56							
Financial Services	20.16	20.20	19.02							
♠ Real Estate	0.38	5.03	3.28	<b>I</b>	1					
₩ Sensitive	32.32	34.35	36.44							
Communication Services	3.69	8.11	6.86							
Energy	8.59	7.84	8.23		)					
□ Industrials	10.44	10.01	10.72							
Technology	9.60	8.39	10.63							
→ Defensive	39.06	30.84	31.42		. , :					
Consumer Defensive	13.63	7.42	8.73							
Healthcare	17.23	17.47	17.09							
Utilities	8.20	5.95	5.60							
				0%	5 10	15	20	25	30	31

<b>Top 15 Holdings</b> as of 09-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Johnson & Johnson	3.47	3.47	-2.57	Healthcare
⊕ JPMorgan Chase & Co	3.06	6.54	-32.11	Financial Services
◆ Procter & Gamble Co	2.73	9.27	-21.17	Consumer Defensive
◆ Pfizer Inc	2.65	11.91	-23.86	Healthcare
○ Cisco Systems Inc	2.16	14.08	-35.10	Technology
⊕ Eli Lilly and Co	2.00	16.07	18.13	Healthcare
	1.96	18.04	-17.29	Financial Services
→ Bank of America Corp	1.91	19.95	-30.68	Financial Services
⊕ Chubb Ltd	1.91	21.85	-4.64	Financial Services
⊕ ConocoPhillips	1.89	23.74	47.02	Energy
○ Comcast Corp Class A	1.84	25.58	-40.15	Communication Svc
MetLife Inc	1.78	27.36	-0.37	Financial Services
⊕ Merck & Co Inc	1.71	29.08	15.07	Healthcare
⊕ Mktliq 12/31/2049	1.54	30.62	_	-
⊕ Philip Morris International Inc	1.52	32.14	-8.65	Consumer Defensive

### Total Holdings 204

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



## 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**

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

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

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.1 is 83.05% 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	08-31-2022

### Growth of \$10,000



### **Trailing Performance**





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

21/166

Rank

3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	-0.09	_	0.20
Beta	0.97	_	0.91
R-Squared	99.43	_	88.08
Standard Deviation	6.68	6.87	6.78
Sharpe Ratio	0.04	0.06	0.10
Tracking Error	0.54	_	2.52
Information Ratio	-0.19	_	-0.20
Up Capture Ratio	95.25	_	92.73
Down Capture Ratio	96.11	_	90.87

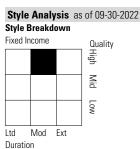
Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	7.37	4.52	6.08
Avg Eff Maturity	7.70	-	6.57

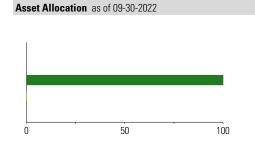


20/217

# 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	0.95
Cash	0.01	1.40
Bonds	99.99	97.50
Non-US Stocks	0.00	0.00
US Stocks	0.00	0.15
Asset Class	Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	99.96	0.00	94.89
AA	0.00	99.60	0.55
A	0.00	0.00	1.01
BBB	0.00	0.00	2.40
BB	0.00	0.00	0.41
В	0.00	0.00	0.24
Below B	0.00	0.00	0.11
Not Rated	0.04	0.40	0.39

Sector Weighting as of 09-3	30-2022					
	Fund	Bmark	Cat	Fund	▼ Benchmark	Category Average
Government	99.97	_	89.38			
Treasury	0.00	-	0.32			
Inflation – Protected	99.97	-	83.82			
Agency/Quasi Agency	0.00	-	0.03	0		
Other Government Related	0.00	_	5.21	0		
Corporate	0.00	_	2.54	10		
Corporate Bond	0.00	-	2.26			
Bank Loan	0.00	-	0.18	0		
Convertible	0.00	-	0.10			
Preferred	0.00	_	0.00	0		
Securitized	0.00	_	4.91			
Agency MBS Pass-Through	0.00	_	0.60	0		
Agency MBS ARM	0.00	_	0.00			
Agency MBS CMO	0.00	_	0.41			
Non-Agency Residential MBS	0.00	_	0.24			
Commercial MBS	0.00	_	0.84	0		
Asset-Backed	0.00	_	2.64			
Covered Bond	0.00	_	0.18			
Municipal	0.00	_	0.02			
Cash & Equivalents	0.03	_	2.40	10		
Other	0.00	_	0.74	()		

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

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
United States Treasury Notes	_	6.32	6.32	_
⊕ United States Treasury Notes	_	4.11	10.44	_
United States Treasury Notes	_	3.73	14.17	_
⊕ United States Treasury Notes	_	3.54	17.71	_
⊕ United States Treasury Notes	_	3.33	21.04	-
United States Treasury Notes	_	3.23	24.27	_
⊖ United States Treasury Notes	_	2.99	27.26	_
United States Treasury Notes	_	2.88	30.14	_
⊕ United States Treasury Notes	_	2.80	32.94	_
United States Treasury Notes	_	2.74	35.68	_

Total Holdings 49

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



## 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 12.76 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 0.32 is 69.52% lower than the Foreign Large Growth category average.

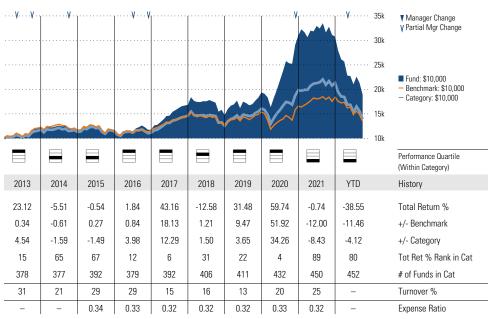
### **Morningstar Investment Management LLC Analysis**

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.

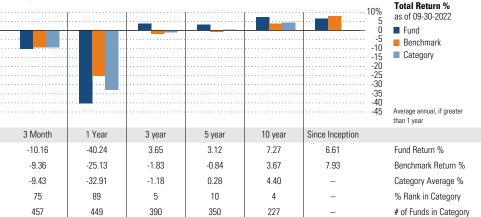
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022

## Growth of \$10,000



## **Trailing Performance**



3-Year Risk Metrics

Down Capture Ratio

Net Exp	ense		
3.31			► Fund Investment
2.94			Category Median
2.57			<ul> <li>Peer Group Median</li> </ul>
2.21			Quartile Rank
1.84			
1.47			
1.10			
0.74			
0.37		• • • • • • • • • • • • • • • • • • • •	
0.00			
	Fund vs.	Fund vs.	
	Category	Peer Group	
	4	8	Percentile

	19/457	31/391	Rank			
Peer group is a subset of the category and includes funds with the						
same management style (active vs. passive) and similar share class						
characterist	ce					

#### Fund **Bmark** Cat Alpha 6.31 0.70 0.97 Reta 1 04 R-Squared 72.31 83.00 Standard Deviation 23 42 19 12 20 41 Sharpe Ratio 0.24 -0.04 0.00 Tracking Error 12.35 8.47 Information Ratio 0.44 0.06 Up Capture Ratio 116.70 105.45

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.92	11.53	17.83
Price/Book Ratio	3.66	1.45	2.68
Geom Avg Mkt Cap \$B	73.94	37.04	42.78
ROE	18.47	18.66	21.82

95.06

103.29



# Vanguard International Growth Adm VWILX

## Morningstar Category Foreign Large Growth N

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

## Style Analysis as of 09-30-2022

Morningstar Style Box™



### Style Breakdown

Equity

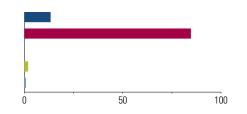
10	33	44	Large
1	4	8	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

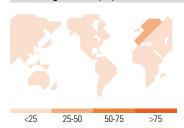
### Asset Allocation as of 09-30-2022



Total	100.00	100.00
Other	0.62	0.44
Cash	1.71	3.04
Bonds	0.00	0.06
Non-US Stocks	84.51	89.29
US Stocks	13.15	7.17
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 09-	30-2022											
		Fund	Bmark	Cat	Fund	· •	Benchma	ark [] C	ategory	Average			
Դ	Cyclical	37.82	38.61	34.60			,						
A	Basic Materials	0.51	7.50	6.46		0	' i						
A	Consumer Cyclical	27.26	10.50	12.47									
<del>,</del>	Financial Services	10.05	17.65	14.87				0	7				
侖	Real Estate	0.00	2.96	0.80	[]	1							
W	Sensitive	38.35	33.04	39.45									
d	Communication Services	7.77	5.11	4.52									
•	Energy	2.21	5.02	3.90				į					
Ф	Industrials	10.61	14.77	15.63		- :							
	Technology	17.76	8.14	15.40			<b>T</b>						
<b>→</b>	Defensive	23.82	28.34	25.94									
Ħ	Consumer Defensive	5.96	11.17	9.56									
٠	Healthcare	16.84	13.99	15.41									
•	Utilities	1.02	3.18	0.97		7							
					0%	5	10	15	20	25	30	35	4

### World Regions % Equity 09-30-2022



Greater Asia	Fund % 30.70	Cat % 27.73	
Japan	7.36	11.15	
Australasia	0.61	1.91	
Asia-4 Tigers	7.97	6.07	
Asia-ex 4 Tigers	14.76	8.60	
Not Classified	0.00	0.00	

Americas	Fund % 20.83	Cat % 15.17	Greater Europe	Fund % 48.47	Cat % 57.11	Market Maturity	Fund %
North America	15.22	13.28	United Kingdom	7.14	12.20	Developed Markets	79.63
Central/Latin	5.61	1.89	W euro-ex UK	41.00	44.27	Emerging Markets	20.37
			Emrgng Europe	0.00	0.03	Not Available	0.00
			Africa	0.33	0.61		

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
ACMI Halding NV	5.84	E 04	27.00	Taabaalaay
		5.84	-37.96	Technology
	4.56	10.40	-38.61	Consumer Cyclical
→ Tencent Holdings Ltd	3.88	14.28	-44.79	Communication Svc
⊕ Adyen NV	3.55	17.83	-43.68	Technology
Taiwan Semiconductor Manufacturing Co Ltd	3.47	21.30	-30.04	Technology
⊖ Tesla Inc	3.23	24.54	-24.70	Consumer Cyclical
Moderna Inc	3.18	27.72	-53.44	Healthcare
⊖ Kering SA	2.85	30.57	-33.43	Consumer Cyclical
Illumina Inc	2.54	33.11	-49.85	Healthcare
⊕ Alibaba Group Holding Ltd Ordinary Shares	2.45	35.56	-17.44	Consumer Cyclical

### **Total Holdings 145**

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



## Vanguard International Value Inv VTRIX

Morningstar Category Foreign Large Value Morningstar Index MSCI EAFE NR USD

### Portfolio Manager(s)

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

### **Quantitative Screens**

- Performance: The fund has finished in the Foreign Large Value category's top three quartiles in 8 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 12.35 years.
- Style: The fund has landed in its primary style box —
   Large Value 81.82 % of the time over the past three vears.
- Net Expense: The fund's expense ratio of 0.36 is 63.27% lower than the Foreign Large Value category average.

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

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

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	08-31-2022
Carbon Risk Score	Medium Risk	06-30-2022

### Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.38	_	0.34
Beta	1.04	_	1.04
R-Squared	92.26	_	89.47
Standard Deviation	20.65	19.12	21.05
Sharpe Ratio	0.03	-0.04	-0.02
Tracking Error	5.79	_	7.05
Information Ratio	0.18	_	-0.02
Up Capture Ratio	104.09	_	102.74
Down Capture Ratio	99.77	_	102.75

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	13.50	11.53	8.37
Price/Book Ratio	1.52	1.45	1.03
Geom Avg Mkt Cap \$B	32.18	37.04	27.97
ROE	14.40	18.66	16.85





# Vanguard International Value Inv VTRIX

## Morningstar CategoryMorningstar IndexForeign Large ValueMSCI EAFE NR USD

## Style Analysis as of 09-30-2022

Morningstar Style Box™



### Style Breakdown

Equity

27	41	13	Large
6	8	2	Mid
2	1	1	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



50

Asset Allocation as of 09-30-2022



		Fund	Bmark	Cat	Fund • Benchmark Category Average
b	Cyclical	47.36	38.61	42.60	
	Basic Materials	10.46	7.50	8.90	
-	Consumer Cyclical	16.32	10.50	10.74	
ê	Financial Services	19.15	17.65	21.42	
b	Real Estate	1.43	2.96	1.54	
NF	Sensitive	37.94	33.04	34.92	
	Communication Services	6.51	5.11	6.69	
	Energy	7.10	5.02	7.77	
þ	Industrials	16.43	14.77	13.95	
1	Technology	7.90	8.14	6.51	- <del> </del>
÷	Defensive	14.71	28.34	22.49	
7	Consumer Defensive	4.98	11.17	8.49	
ř	Healthcare	6.43	13.99	10.44	
2	Utilities	3.30	3.18	3.56	

100

### World Regions % Equity 09-30-2022



Greater Asia	Fund % 37 94	Cat % 31.10	
Japan	10.41	17.03	
Australasia	1.61	3.76	
Asia-4 Tigers Asia-ex 4 Tigers	11.71 14.21	7.20 3.11	
Not Classified	0.00	0.00	

Americas	Fund % 11.87	Cat % 8.91	Greater Europe	Fund % 50.17	Cat % 59.99	Market Maturity	Fund %
North America	7.38	7.67	United Kingdom	16.07	18.32	Developed Markets	80.33
Central/Latin	4.49	1.24	W euro-ex UK	33.04	41.06	Emerging Markets	19.67
			Emrgng Europe	0.00	0.09	Not Available	0.00
			Africa	1.06	0.52		

<b>Top 10 Holdings</b> as of 09-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	4.85	4.85	_	_
⊕ Alibaba Group Holding Ltd Ordinary Shares	1.44	6.29	-17.44	Consumer Cyclical
⊕ HSBC Holdings PLC	1.38	7.67	8.99	Financial Services
⊕ TotalEnergies SE	1.37	9.04	14.15	Energy
⊕ Compass Group PLC	1.33	10.37	10.75	Consumer Cyclical
⊕ Holcim Ltd	1.33	11.69	-7.16	Basic Materials
⊕ Novartis AG	1.30	12.99	-3.41	Healthcare
⊕ Bank Bradesco SA ADR	1.27	14.26	20.01	Financial Services
⊕ RELX PLC	1.17	15.43	-6.19	Communication Svc
⊕ BP PLC	1.12	16.55	35.18	Energy

### Total Holdings 238

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



# Vanguard Real Estate Index Admiral VGSLX

Morningstar Category Real Estate Morningstar Index

S&P United States REIT TR USD

### Portfolio Manager(s)

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

### **Quantitative Screens**

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

Management: The fund's management has been in place for 26.4 years.

Net Expense: The fund's expense ratio of 0.12 is 88.35% 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	08-31-2022		
Carbon Risk Score	Low Risk	06-30-2022		
ESG Commitment	1-Low	02-15-2022		

## Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.18	_	0.40
Beta	0.96	_	0.94
R-Squared	98.54	_	93.58
Standard Deviation	22.30	23.04	22.38
Sharpe Ratio	0.01	0.01	0.04
Tracking Error	2.84	_	5.35
Information Ratio	0.12	_	0.10
Up Capture Ratio	97.98	_	96.35
Down Capture Ratio	97.13	-	95.31

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	27.45	38.46	26.25
Price/Book Ratio	2.48	2.42	2.16
Geom Avg Mkt Cap \$B	21.81	9.35	25.36
ROE	15.56	9.56	17.30



# Vanguard Real Estate Index Admiral VGSLX

#### Morningstar Index **Morningstar Category** Real Estate

S&P United States REIT TR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



### Style Breakdown

Equity

1. /			
0	28	8	Large
3	38	7	Mid
4	9	3	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 09-30-2022

Total	100.00	100.00
Other	0.00	8.16
Cash	0.79	2.36
Bonds	0.00	4.15
Non-US Stocks	0.04	1.44
US Stocks	99.17	83.90
Asset Class	Net %	Cat%

	Fund	Bmark	Cat	Fund	<ul> <li>Benchmark</li> </ul>	Category Average
Cyclical	99.41	99.13	99.29			
Basic Materials	0.00	0.00	0.06	ĺ		
Consumer Cyclical	0.00	0.13	0.92	i i		
Financial Services	0.00	0.00	0.25	Í		
Real Estate	99.41	99.00	98.06			
* Sensitive	0.59	0.87	0.68	Ó		
Communication Services	0.54	0.00	0.13			
Energy	0.00	0.00	0.02	Ď i		
Industrials	0.00	0.87	0.24	Ď		
Technology	0.05	0.00	0.29	Í		
Defensive	0.00	0.00	0.03			
Consumer Defensive	0.00	0.00	0.00	ĺ		
Healthcare	0.00	0.00	0.01	İ		
Utilities	0.00	0.00	0.02	Ī		

<b>Top 15 Holdings</b> as of 09-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Real Estate II Index	11.71	11.71		_
American Tower Corp	7.39	19.09	-25.63	Real Estate
⊕ Prologis Inc	5.87	24.96	-38.25	Real Estate
⊕ Crown Castle Inc	4.71	29.68	-28.64	Real Estate
Equinix Inc	3.81	33.49	-31.65	Real Estate
Public Storage	3.33	36.82	-16.71	Real Estate
① Realty Income Corp	2.62	39.43	-15.60	Real Estate
	2.23	41.67	-26.28	Real Estate
Welltower OP LLC	2.14	43.81	-22.88	Real Estate
Digital Realty Trust Inc	2.13	45.94	-41.86	Real Estate
Simon Property Group Inc	2.08	48.02	-40.63	Real Estate
AvalonBay Communities Inc	1.79	49.81	-25.19	Real Estate
① VICI Properties Inc Ordinary Shares	1.78	51.59	2.82	Real Estate
① Extra Space Storage Inc	1.70	53.29	-21.84	Real Estate
○ CBRE Group Inc Class A	1.64	54.93	-37.78	Real Estate

**Total Holdings** 171

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



# Vanguard Selected Value Inv VASVX

## Morningstar Category Mid-Cap Value

Morningstar Index

Russell Mid Cap Value TR USD

### Portfolio Manager(s)

Richard Greenberg since 02-2005 Richard Pzena since 03-2014 John Flynn since 12-2015 Benjamin Silver since 02-2017 Jonathan Hartsel since 11-2019 William Weber since 12-2019 Mehul Trivedi since 12-2019

### **Quantitative Screens**

Performance: The fund has finished in the Mid-Cap Value 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 17.61 years.

✓ Net Expense: The fund's expense ratio of 0.32 is
67.68% lower than the Mid-Cap Value category average.

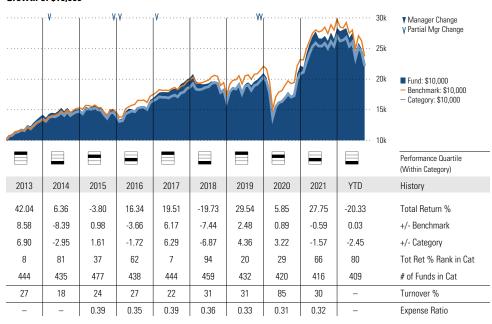
### **Morningstar Investment Management LLC Analysis**

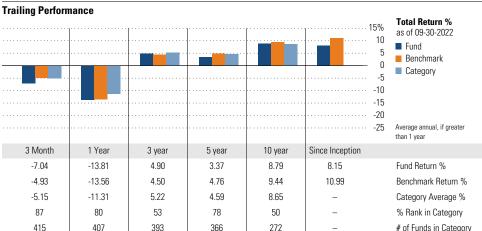
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

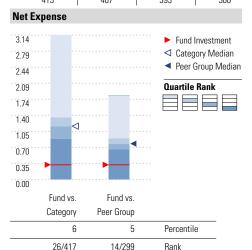
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Medium Risk	06-30-2022

### Growth of \$10,000

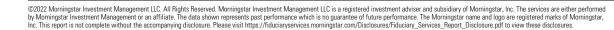






3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	0.43	_	0.52
Beta	1.14	_	1.00
R-Squared	96.58	_	96.16
Standard Deviation	27.72	23.86	24.29
Sharpe Ratio	0.29	0.28	0.29
Tracking Error	6.14	-	5.16
Information Ratio	0.07	_	0.07
Up Capture Ratio	113.55	_	99.34
Down Capture Ratio	113.45	_	98.03

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	8.98	12.78	12.07
Price/Book Ratio	1.26	1.86	1.68
Geom Avg Mkt Cap \$B	7.95	14.50	11.80
ROE	16.57	15.61	18.22





# Vanguard Selected Value Inv VASVX

# Morningstar Category ■ Mid-Cap Value

Morningstar Index

Russell Mid Cap Value TR USD

## Style Analysis as of 09-30-2022

Morningstar Style Box™



### Style Breakdown

Equity

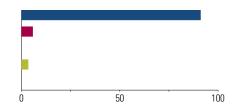
3	6	1	Laige
29	20	4	MIN
19	16	2	JIIdii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

## Asset Allocation as of 09-30-2022



Total	100.00	100.00
Other	0.00	0.26
Cash	3.31	2.46
Bonds	0.00	0.05
Non-US Stocks	5.63	6.72
US Stocks	91.06	90.50
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	•	Bend	hmark	Ca	itegory	Avera	ge	
٠	Cyclical	47.02	46.07	41.08				•		•			
à.	Basic Materials	5.54	5.87	5.82									
	Consumer Cyclical	12.83	10.16	10.46									
<u></u>	Financial Services	26.93	17.84	18.41									
à	Real Estate	1.72	12.20	6.39			'						
Ųľ	Sensitive	36.06	33.19	33.83									
	Communication Services	1.69	3.59	3.06									
	Energy	4.62	5.26	6.91		l [							
ž	Industrials	18.97	14.35	15.16									
3	Technology	10.78	9.99	8.70									
+	Defensive	16.92	20.72	25.09									
Ę	Consumer Defensive	4.42	4.43	6.92									
r	Healthcare	8.25	7.39	11.57		. '							
1	Utilities	4.25	8.90	6.60			7						

A.I	2/ N · A ·	0 1 :: 0/	VITO D	
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	3.26	3.26	_	_
⊕ AerCap Holdings NV	2.73	5.99	-35.30	Industrials
	1.85	7.84	-31.34	Technology
⊕ Gildan Activewear Inc	1.78	9.63	-25.97	Consumer Cyclical
─ Unum Group	1.75	11.38	61.70	Financial Services
Globe Life Inc	1.61	12.98	7.03	Financial Services
Taylor Morrison Home Corp	1.48	14.47	-33.30	Consumer Cyclical
Edison International	1.48	15.95	-14.02	Utilities
Axis Capital Holdings Ltd	1.34	17.29	-7.40	Financial Services
Helen Of Troy Ltd	1.30	18.59	-60.55	Consumer Defensive
	1.30	19.89	7.74	Technology
Lear Corp	1.22	21.11	-33.32	Consumer Cyclical
Avnet Inc	1.19	22.30	-10.43	Technology
Jefferies Financial Group Inc	1.19	23.49	-21.65	Financial Services
Equitable Holdings Inc	1.18	24.67	-17.87	Financial Services

**Total Holdings** 137

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



## Vanguard Small Cap Growth Index Admiral VSGAX

## Morningstar Category Small Growth

Morningstar Index

Russell 2000 Growth TR USD

### Portfolio Manager(s)

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

### **Quantitative Screens**

- Performance: The fund has finished in the Small Growth category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 17.76 years.
- $\times$  *Style:* The fund has landed in its primary style box Small Growth 45.45 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.07 is 94.12% lower than the Small Growth category average.

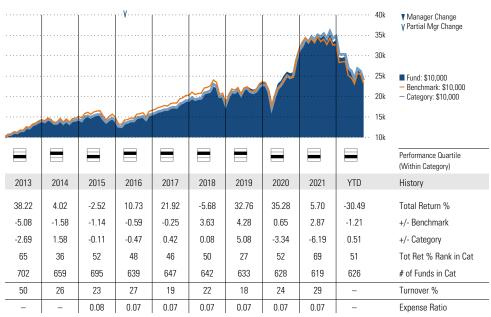
### **Morningstar Investment Management LLC Analysis**

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

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022

## Growth of \$10,000



#### **Trailing Performance Total Return %** 15% as of 09-30-2022 10 ■ Fund Benchmark Category -10 -15 -20 -25 -30 Average annual, if greater than 1 year 3 Month 1 Year Since Inception 3 year 5 year 10 year -0.79 -30.09 2.81 5.65 9.15 10.47 Fund Return % 0.24 -29.27 2.94 3.60 8.81 9.15 Benchmark Return % -29 71 5 26 6.34 9 55 Category Average % -1.35 40 58 77 59 62 % Rank in Category 635 620 585 542 409 # of Funds in Category

	- 1			-		1	
<b>Net Expe</b>	nse						
6.02						nd Invest	
5.35						tegory N	
4.68					✓ Per	er Group	Median
4.01					Quart	ile Rank	(
3.34							
2.68							
2.01							
1.34	<						
0.67							
0.00							
ŀ	Fund vs.		Fund vs.				
C	ategory	Pe	er Group				
	1		21		Percer	ntile	=
	7/640		7/35		Rank		_

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.04	_	2.14
Beta	0.96	_	0.95
R-Squared	96.81	-	91.07
Standard Deviation	25.27	25.97	26.02
Sharpe Ratio	0.21	0.21	0.28
Tracking Error	4.65	-	7.98
Information Ratio	-0.03	_	0.25
Up Capture Ratio	97.34	_	99.82
Down Capture Ratio	97.62	-	94.40

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	23.04	13.92	20.21
Price/Book Ratio	3.60	3.41	3.60
Geom Avg Mkt Cap \$B	5.07	2.37	4.40
ROE	9.93	10.03	15.28



# Vanguard Small Cap Growth Index Admiral VSGAX

Morningstar Category

Small Growth

Morningstar Index

Russell 2000 Growth TR USD

## Style Analysis as of 09-30-2022

Morningstar Style Box™



### Style Breakdown

Equity

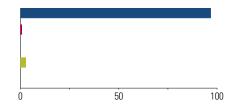
0	0	0	Large 1
2	16	19	Mid
6	28	30	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

### Asset Allocation as of 09-30-2022



Total	100.00	100.00
Other	0.00	0.37
Cash	2.65	2.96
Bonds	0.00	0.01
Non-US Stocks	0.61	4.23
US Stocks	96.74	92.44
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	i	▼ Ben	chmark	[] Ca	ategory	/ Avera	ge		
b	Cyclical	27.20	22.42	26.13										
à.	Basic Materials	1.90	4.64	2.94										
4	Consumer Cyclical	12.19	9.56	10.91										
₽	Financial Services	4.78	6.09	9.44		_ ′								
b	Real Estate	8.33	2.13	2.84										
MI	Sensitive	47.95	45.97	45.90										
	Communication Services	2.95	2.30	2.05										
•	Energy	3.61	6.53	3.69		( '								
\$	Industrials	15.19	16.49	16.99										
3	Technology	26.20	20.65	23.17										
<b>→</b>	Defensive	24.85	31.62	27.98										
Ę	Consumer Defensive	2.91	4.53	4.67		İ								
ř	Healthcare	21.21	25.17	22.34				:		]				
?	Utilities	0.73	1.92	0.97	•									

<b>Top 15 Holdings</b> as of 09-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Slcmt1142	2.45	2.45	_	_
⊕ Entegris Inc	0.83	3.28	-39.88	Technology
⊖ Bio-Techne Corp	0.77	4.05	-44.92	Healthcare
⊖ Liberty Formula One Group C	0.67	4.72	-7.50	Communication Svc
→ PTC Inc	0.66	5.38	-13.66	Technology
⊖ Equity Lifestyle Properties Inc	0.63	6.00	-26.91	Real Estate
→ Nordson Corp	0.61	6.61	-16.19	Industrials
∋ Fair Isaac Corp	0.61	7.22	-4.99	Technology
Repligen Corp	0.60	7.82	-29.35	Healthcare
⊖ Graco Inc	0.58	8.40	-24.86	Industrials
∃ Texas Pacific Land Corp	0.58	8.98	44.63	Energy
Darling Ingredients Inc	0.57	9.54	-4.53	Consumer Defensive
⊕ Rexford Industrial Realty Inc	0.55	10.09	-34.72	Real Estate
→ American Homes 4 Rent Class A	0.53	10.63	-23.53	Real Estate
CubeSmart	0.52	11.15	-27.34	Real Estate

### **Total Holdings 713**

⊕ Increase ⊝ Decrease 🕸 New to Portfolio

