# American Funds American Balanced R6 RLBGX

#### Portfolio Manager(s)

#### 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.

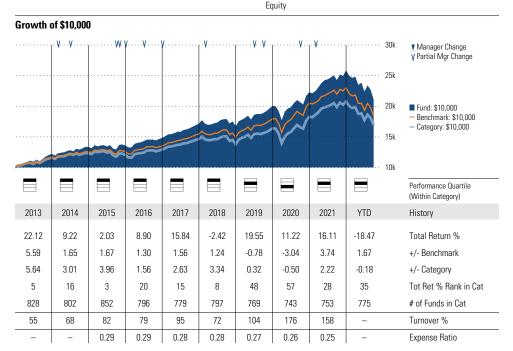
Style: The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

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



Morningstar Category Allocation--50% to 70%

#### Trailing Performance



#### 4.92 Fund Investment 4 37 Peer Group Median 3.83 Quartile Rank 3.28 2.73 2.19 1 64 1.09 0.55 0.00 Fund vs. Fund vs. Peer Group Category 2 6 Percentile

13/791 38/646 Rank Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

Fund Bmark Cat Alnha 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 -0.07 Information Ratio 0 48 Up Capture Ratio 100.69 100.14 Down Capture Ratio 94.41 101.57 **Portfolio Metrics** Fund Bmark Cat

Tunu	DITICIN	Gat
14.57	15.39	15.85
2.94	2.51	2.63
6.92	6.45	5.02
	2.94	14.5715.392.942.51

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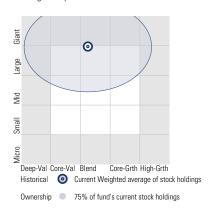


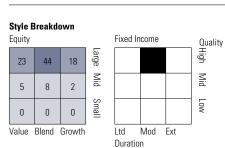
Morningstar Index

Morningstar US Mod Tgt Alloc NR USD

# American Funds American Balanced R6 RLBGX

#### Style Analysis as of 09-30-2022 Morningstar Style Box™





Weight %

>50 25-50 10-25 0-10

#### Top 10 Holdings as of 09-30-2022

		·
0	50	100

#### Sector Weighting as of 09-30-2022

Asset Allocation as of 09-30-2022

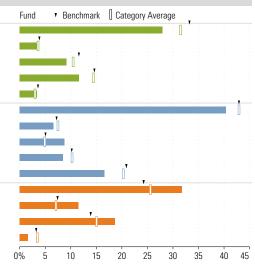
		Fund	Bmark	Cat
Դ	Cyclical	27.90	33.09	31.49
<i>.</i>	Basic Materials	3.73	3.71	3.59
A	Consumer Cyclical	9.16	11.45	10.46
цф	Financial Services	11.62	14.48	14.43
ŵ	Real Estate	3.39	3.45	3.01
~~	Sensitive	40.37	42.78	42.93
d	Communication Services	6.64	7.08	7.49
•	Energy	8.72	4.91	4.91
¢	Industrials	8.43	10.05	10.25
	Technology	16.58	20.74	20.28
-	Defensive	31.74	24.12	25.60
F	Consumer Defensive	11.52	7.27	7.10
٠	Healthcare	18.65	13.76	15.05
2	Utilities	1.57	3.09	3.45
-				

#### Equity 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

**Morningstar Index** 

Morningstar US Mod Tgt Alloc NR USD

Morningstar Category Allocation--50% to 70%



Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Capital Group Central Cash Fund	_	12.06	12.06	_	_
蓉 Cash And Other Assets Less Liablities	-	7.58	19.64	_	-
🕀 Cap Grp Cent Fd Ser li	-	5.14	24.79	_	-
⊖ Microsoft Corp	-	3.52	28.31	-30.20	Technology
$\ominus$ UnitedHealth Group Inc	-	2.65	30.96	1.52	Healthcare
⊖ Broadcom Inc	-	2.37	33.33	-31.42	Technology
$igodoldsymbol{ m Philip}$ 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

 $\oplus$  Increase  $\oplus$  Decrease New to Portfolio



# American Funds Intl Gr and Inc R6 RIGGX

## 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.

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

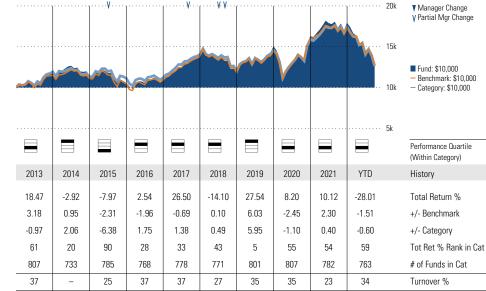
Net Expense: The fund's expense ratio of 0.54 is 41.94% lower than the Foreign Large Blend category average.

#### **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



#### **Trailing Performance**

0.58

0.58

\_

4 4 1

3.92

3.43

2.94

2.45

1.96

1.47

0.98

0.49

0.00

Growth of \$10,000



Fund Investment

Category Median

Quartile Rank

Percentile

Peer Group Median

0.58

0.57

0.57

0.54

0.54

0.53

10%

5

0

-5

**Total Return %** as of 09-30-2022

Benchmark

Fund

Expense Ratio

10 year 3.31 3.01	Since Inception 5.66 3.81	-10 -15 -20 -25 -30	Averag than 1 Fund	ge annual, if gre year Return % :hmark Retur	
3.31	5.01			gory Average	
49	_			ank in Categ	
43	_			Funds in Categ	,
3-Year Risk	Motrico		# UI	i unus in Gat	eyory
J-TEAL NISK	WEU105	F	und	Bmark	Cat
Alpha			0.01	Dinark	0.08
Beta			1.07		1.01
			5.42	_	93.77
R-Squared				-	
Standard Devia	ition		).07	18.48	19.26
Sharpe Ratio			).02	-0.03	-0.02
Tracking Error		3	3.99	-	4.83
Information Rat	tio	-(	).07	-	-0.01
Up Capture Rat	io	107	7.28	-	103.08
Down Capture	Ratio	107	7.60	-	103.04
Portfolio M	etrics				
		F	und	Bmark	Cat

	168/796	150/577	Rank
Peer gro	up is a subset of tl	he category and	d includes funds with the
same ma	anagement style (a	ictive vs. passiv	ve) and similar share class
characte	ristics.		

26

Fund vs

Peer Group

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

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Fund vs

Category

21

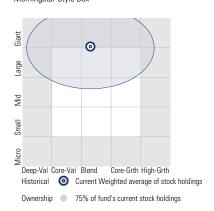


**Morningstar Category** Foreign Large Blend

Morningstar Index MSCI ACWI Ex USA NR USD

# American Funds Intl Gr and Inc R6 RIGGX

**Style Analysis** as of 09-30-2022 Morningstar Style Box™





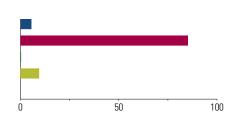


Weight %

<25

>50 25-50 10-25 0-10

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



#### Sector Weighting as of 09-30-2022

Asset Allocation as of 09-30-2022

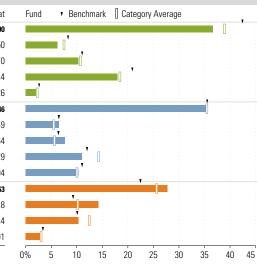
		Fund	Bmark	Cat
Դ	Cyclical	36.70	42.29	38.90
æ.	Basic Materials	6.17	8.16	7.50
	Consumer Cyclical	10.28	10.91	10.70
<b>H</b>	Financial Services	17.94	20.73	18.44
ŵ	Real Estate	2.31	2.49	2.26
V <sup>ar</sup>	Sensitive	35.55	35.38	35.46
đ	Communication Services	6.49	6.35	5.49
0	Energy	7.64	6.26	5.64
¢	Industrials	11.05	11.87	14.29
	Technology	10.37	10.90	10.04
-	Defensive	27.75	22.32	25.63
F	Consumer Defensive	14.24	9.14	10.18
٠	Healthcare	10.34	9.95	12.44
9	Utilities	3.17	3.23	3.01

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

Morningstar Index

MSCI ACWI Ex USA NR USD

Morningstar Category Foreign Large Blend



1	Greater Asia	Fund % 28.28	Cat % 36.02	Americas	Fund % 15.73	Cat % 9.12	Greater Europe	Fund % 55.98	Cat % 54.87	Market Maturity	Fund %
	Japan	7.17	18.20	North America	11.06	7.95	United Kingdom	16.06	13.86	Developed Markets	84.41
	Australasia	0.28	5.40	Central/Latin	4.67	1.17	W euro-ex UK	39.28	39.70	Emerging Markets	15.59
	Asia-4 Tigers	10.32	6.89				Emrgng Europe	0.24	0.06	Not Available	0.00
	Asia-ex 4 Tigers	10.51	5.53				Africa	0.40	1.25		
	Not Classified	0.00	0.00								
>75	5										

Top 10 Holdings as of 09-30-2022

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Đ Capital Group Central Cash M	9.26	9.26	_	_
🕀 AstraZeneca PLC	3.15	12.41	17.14	Healthcare
igodolog British American Tobacco PLC	2.91	15.32	24.01	Consumer Defensive
Taiwan Semiconductor Manufacturing Co Ltd	2.72	18.03	-30.04	Technology
$\oplus$ 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
$\ni$ ASML Holding NV	1.55	24.70	-37.96	Technology
➔ BAE Systems PLC	1.52	26.22	46.42	Industrials
ightarrow Nestle SA	1.33	27.55	-14.55	Consumer Defensive

## Total Holdings 241

 $\oplus$  Increase  $\oplus$  Decrease R New to Portfolio

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## American Funds New Perspective R6 RNPGX

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 years.

Net Expense: The fund's expense ratio of 0.41 is 62.04% lower than the Global Large-Stock Growth category average.

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

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

#### **ESG Metrics**

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



#### **Trailing Performance**

25

27

0.45

22

0.45

28

0.45

23

0.44

20

0.44

26

0.42

22

0.41

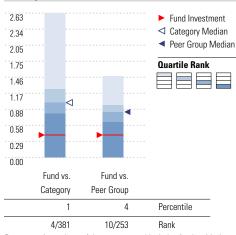
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Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

# of Funds in Category **3-Year Risk Metrics** Fund Bmark Cat Alpha 2.14 -0.39 Beta 1 09 1 05 \_ 95.96 **R-Squared** 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

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Morningstar Index Morningstar Category

Global Large-Stock Growth MSCI ACWI NR USD

Performance Quartile (Within Category)
(within category)
History
,
Total Return %
+/- Benchmark
+/- Category
Tot Ret % Rank in Cat
# of Funds in Cat
Turnover %

Expense Ratio

**Total Return %** 

as of 09-30-2022

Benchmark

Average annual, if greater than 1 year

Benchmark Return %

Category Average %

% Rank in Category

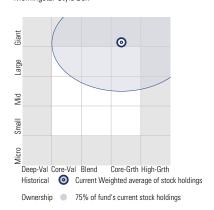
Fund Return %

Category

Fund

# American Funds New Perspective R6 RNPGX

**Style Analysis** as of 09-30-2022 Morningstar Style Box™





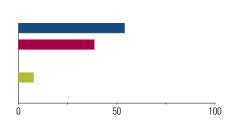


Weight %

<25

>50 25-50 10-25 0-10

## World Regions % Equity 09-30-2022



#### Sector Weighting as of 09-30-2022

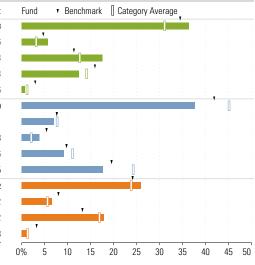
Asset Allocation as of 09-30-2022

		Fund	Bmark	Cat
Դ	Cyclical	36.38	34.31	31.08
æ.	Basic Materials	5.73	4.54	3.16
	Consumer Cyclical	17.52	11.20	12.63
ц.	Financial Services	12.41	15.78	14.13
ŵ	Real Estate	0.72	2.79	1.16
w	Sensitive	37.69	41.71	45.10
	Communication Services	7.01	7.48	7.71
0	Energy	3.85	5.25	2.08
¢	Industrials	9.20	9.59	11.06
	Technology	17.63	19.39	24.25
	Defensive	25.93	23.97	23.82
F	Consumer Defensive	6.63	7.83	5.62
٠	Healthcare	17.93	13.05	16.92
9	Utilities	1.37	3.09	1.28



Global Large-Stock Growth MSCI ACWI NR USD

Asset Class	Net %	Cat%
US Stocks	53.91	56.34
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



	Greater Asia	Fund % 11.29	Cat % 14.50	Americas	Fund % 62.73	Cat % 61.21	Greater Europe	Fund % 25.97	Cat % 24.27	Market Maturity	Fund %
	Japan	3.06	4.42	North America	60.81	59.88	United Kingdom	4.84	4.85	Developed Markets	95.40
	Australasia	0.30	0.40	Central/Latin	1.92	1.33	W euro-ex UK	20.57	19.24	Emerging Markets	4.60
	Asia-4 Tigers	5.55	4.12				Emrgng Europe	0.00	0.01	Not Available	0.00
	Asia-ex 4 Tigers	2.38	5.56				Africa	0.56	0.17		
	Not Classified	0.00	0.00								
>75											

Top 10 Holdings as of 09-30-2022

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$ onumber \in \mathbb{R}^{2} $ Capital Group Central Cash Fund	7.62	7.62	-	_
ightarrow Tesla Inc	6.56	14.18	-24.70	Consumer Cyclical
➔ Microsoft Corp	4.14	18.32	-30.20	Technology
eq Taiwan Semiconductor Manufacturing Co Ltd	2.19	20.51	-30.04	Technology
$\ominus$ Meta Platforms Inc Class A	1.53	22.04	-59.66	Communication Svc
⊖ Amazon.com Inc	1.45	23.49	-32.22	Consumer Cyclical
$\ominus$ Eli Lilly and Co	1.43	24.92	18.13	Healthcare
€ Novo Nordisk A/S Class B	1.42	26.34	4.70	Healthcare
$\ni$ Nestle SA	1.31	27.64	-14.55	Consumer Defensive
∋ Alphabet Inc Class C	1.29	28.93	-33.54	Communication Svc

## Total Holdings 300

 $\oplus$  Increase  $\oplus$  Decrease R New to Portfolio

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## American Funds New World R6 RNWGX

#### 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 Piyada Phanaphat since 01-2020

#### Quantitative Screens

*Performance:* The fund has finished in the Diversified Emerging Mkts category's top three quartiles in 10 of the 10 years it's been in existence.

*Management:* The fund's management has been in place for 23.3 years.

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

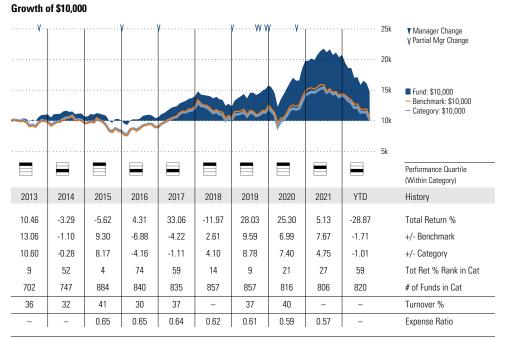
Net Expense: The fund's expense ratio of 0.57 is 50.86% lower than the Diversified Emerging Mkts category average.

#### 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.

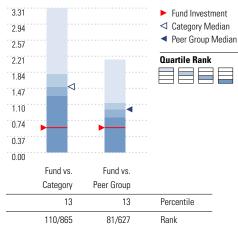
#### **ESG Metrics**

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



#### **Trailing Performance**





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

**3-Year Risk Metrics** Fund Bmark Cat Alpha 2.85 -0.04 0.93 1 01 Beta **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 Dia (Paulo Paulo)

Thoo, Earningo hatio	10.00	0.07	10.00
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

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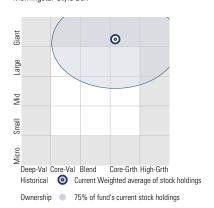


Morningstar Category Morningstar Index

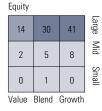
Diversified Emerging Mkts MSCI EM NR USD

# American Funds New World R6 RNWGX

#### Style Analysis as of 09-30-2022 Morningstar Style Box™





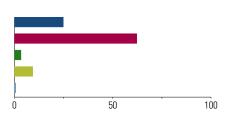


Weight %

<25

>50 25-50 10-25 0-10

## World Regions % Equity 09-30-2022



## Sector Weighting as of 09-30-2022

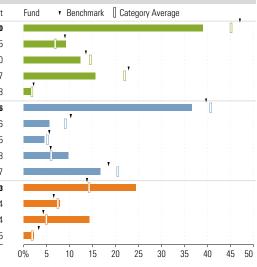
Asset Allocation as of 09-30-2022

		Fund	Bmark	Cat
Դ	Cyclical	38.94	46.87	45.10
æ.	Basic Materials	9.21	8.82	6.85
<b>~</b>	Consumer Cyclical	12.36	13.38	14.50
,	Financial Services	15.63	22.67	21.97
ŵ	Real Estate	1.74	2.00	1.78
w	Sensitive	36.60	39.51	40.66
	Communication Services	5.61	10.09	9.06
0	Energy	4.49	5.41	5.15
¢	Industrials	9.78	5.71	5.98
	Technology	16.72	18.30	20.47
	Defensive	24.45	13.61	14.23
F	Consumer Defensive	7.84	6.38	7.44
٠	Healthcare	14.34	4.11	4.94
9	Utilities	2.27	3.12	1.85
-				



Diversified Emerging Mkts

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
Total	100.00	100.00



	Greater Asia	Fund % 39.96	Cat % 75.82	Americas	Fund % 39.27	Cat % 14.15	Greater Europe	Fund % 20.78	Cat % 10.02	Market Maturity	Fund %
	Japan	2.37	0.09	North America	30.17	3.05	United Kingdom	2.68	0.64	Developed Markets	59.14
	Australasia	0.71	0.04	Central/Latin	9.10	11.10	W euro-ex UK	16.04	1.63	Emerging Markets	40.86
	Asia-4 Tigers	6.72	24.94				Emrgng Europe	0.17	1.13	Not Available	0.00
	Asia-ex 4 Tigers	30.16	50.75				Africa	1.89	6.62		
	Not Classified	0.00	0.00								
>75											

Top 10 Holdings as of 09-30-2022

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ Capital Group Central Cash Fund	9.10	9.10	-	_
∋ Microsoft Corp	3.08	12.18	-30.20	Technology
igodolog Kotak Mahindra Bank Ltd	2.15	14.32	1.34	Financial Services
$oldsymbol{eta}$ Taiwan Semiconductor Manufacturing Co Ltd	1.84	16.16	-30.04	Technology
$\oplus$ Kweichow Moutai Co Ltd Class A	1.75	17.91	-7.71	Consumer Defensive
igodolog Reliance Industries Ltd	1.71	19.63	0.71	Energy
€ Novo Nordisk A/S Class B	1.31	20.94	4.70	Healthcare
$oldsymbol{eta}$ Thermo Fisher Scientific Inc	1.27	22.21	-23.85	Healthcare
	1.23	23.44	-14.84	Financial Services
$\oplus$ Eli Lilly and Co	1.20	24.64	18.13	Healthcare

## Total Holdings 582

 $\oplus$  Increase  $\oplus$  Decrease otin New to Portfolio

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## BlackRock High Yield Bond K BRHYX

#### 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**

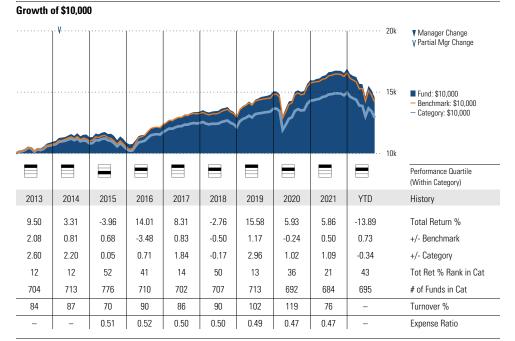
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

#### **ESG Metrics**

Metric ESG Commitment

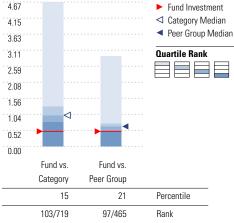
Rating 2-Basic Updated

02-15-2022



#### **Trailing Performance**





9	-	% F	% Rank in Category			
403	-	# of	Funds in Ca	tegory		
3-Year Risk	Metrics					
		Fund	Bmark	Cat		
Alpha		0.46	-	-0.22		
Beta		1.01	-	0.95		
R-Squared		99.37	-	95.19		
Standard Devia	tion	11.24	11.14	10.79		
Sharpe Ratio		-0.02	-0.06	-0.07		
Tracking Error		0.90	-	2.50		
Information Rat	io	0.50	-	-0.16		
Up Capture Rati	0	100.80	-	91.62		
Down Capture F	latio	97.28	-	93.77		

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

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

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Morningstar Index **Morningstar Category** High Yield Bond

ICE BofA US High Yield TR USD

# BlackRock High Yield Bond K BRHYX

## Style Analysis as of 09-30-2022

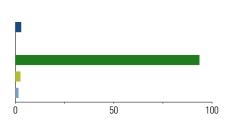




Duration

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
Not Rated	2.65	-	2.36

Asset Allocation	as of 09-30-2022
ASSCI AIIUGALIUII	as 01 00-00-2022



#### Sector Weighting as of 09-30-2022

	Fund	Bmark	Cat	Fund 🔹 I	Benchmark	Category Average
Government	0.03	-	2.39			
Treasury	0.00	-	0.69	0		
Inflation – Protected	0.00	-	0.01	0		
Agency/Quasi Agency	0.03	-	0.12	0		
Other Government Related	0.00	-	1.57	10		
Corporate	96.49	-	88.30			
Corporate Bond	80.60	-	81.83			
Bank Loan	14.42	-	5.20			
Convertible	1.47	-	1.18	0		
Preferred	0.00	-	0.09			
Securitized	0.33	-	2.07	I []		
Agency MBS Pass-Through	0.00	-	0.06	0		
Agency MBS ARM	0.00	-	0.00	0		
Agency MBS CMO	0.00	-	0.22			
Non-Agency Residential MBS	0.00	-	0.14			
Commercial MBS	0.00	-	0.61	0		
Asset-Backed	0.33	-	1.04	0		
Covered Bond	0.00	-	0.00	0		
Municipal	0.00	-	0.03			
Cash & Equivalents	3.05	-	6.13			
Other	0.10	-	1.08			

 $0\% \ 5 \ 10 \ 15 \ 20 \ 25 \ 30 \ 35 \ 40 \ 45 \ 50 \ 55 \ 60 \ 65 \ 70 \ 75 \ 80 \ 85 \ 90 \ 9\mathbf{\overline{3}00}$ 

## 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	-
⊕ iShares iBoxx \$ High Yield Corp Bd ETF	-	0.78	4.73	_
⊕ Clarios Global Lp 8.5%	05-2027	0.73	5.47	-
Ascent Resources Utica Holdings LI TI	11-2025	0.69	6.15	-
⊕ Altice France Holdings S A 10.5%	05-2027	0.68	6.83	-
$\ominus$ 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  $\ominus$  Decrease 🕸 New to Portfolio

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Morningstar Category Morning

Asset Class

US Stocks

Bonds

Cash

Other

Total

Non-US Stocks

High Yield Bond

Morningstar Index ICE BofA US High Yield TR USD

Net %

2.77

0.00

93.46

2.37

1.40

100.00

Cat%

0.89

0.03

91.71

3.24

4.13

100.00

## Delaware Small Cap Value R6 DVZRX

## Portfolio Manager(s)

Steven Catricks since 07-2012 Kelley Carabasi since 07-2012 Kent Madden since 07-2012 Michael Foley since 07-2019

#### Quantitative Screens

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

Management: The fund's management has been in place for 10.25 years.

Style: The fund has landed in its primary style box — Small Value — 93.94 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.69 is 40% lower than the Small Value category average.

#### Morningstar Investment Management LLC Analysis

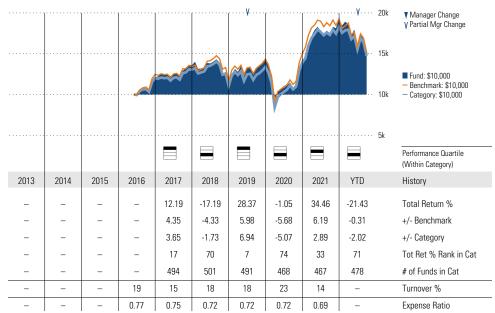
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

#### **ESG Metrics**

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

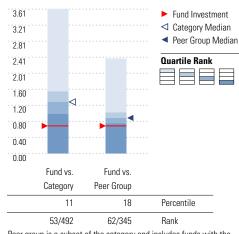
Growth of \$10,000

Morningstar Index Russell 2000 Value TR USD



#### **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.

Fund Bmark Cat Alpha -0.14 0.96 Beta 0.98 0.99 95.66 **R-Squared** 94.89 Standard Deviation 26 64 26 48 26.98 Sharpe Ratio 0.27 0 28 0.31 Tracking Error 5.57 6.33 Information Ratio -0.06 0.12 Up Capture Ratio 97.51 99.47 Down Capture Ratio 98.29 97.32

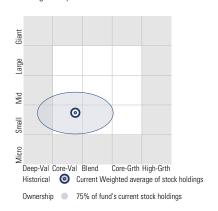
#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 10.92 8 4 4 9 93 Price/Book Ratio 1.65 1.16 1.45 Geom Avg Mkt Cap \$B 4 26 1 65 3 37 ROE 16.45 7.02 16.19

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# Delaware Small Cap Value R6 DVZRX

Style Analysis as of 09-30-2022 Morningstar Style Box™





Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings as of 09-30-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
East West Bancorp Inc	2.81	2.81	-13.14	Financial Services
Webster Financial Corp	2.56	5.36	-16.91	Financial Services
Hancock Whitney Corp	2.17	7.54	-6.80	Financial Services
Stifel Financial Corp	2.16	9.70	-25.01	Financial Services
MasTec Inc	2.13	11.82	-31.19	Industrials
WESCO International Inc	2.05	13.87	-9.28	Industrials
Western Alliance Bancorp	1.99	15.87	-37.95	Financial Services
Louisiana-Pacific Corp	1.78	17.65	-33.82	Industrials
F N B Corp	1.68	19.32	-1.40	Financial Services
Umpqua Holdings Corp	1.57	20.89	-7.90	Financial Services
Magnolia Oil & Gas Corp Class A	1.48	22.37	6.57	Energy
Valley National Bancorp	1.47	23.84	-19.05	Financial Services
Berry Global Group Inc	1.45	25.30	-36.93	Consumer Cyclical
Atkore Inc	1.45	26.75	-30.02	Industrials
Black Hills Corp	1.41	28.15	-1.49	Utilities

#### Total Holdings 105

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

50

Fund

51.41

4.37

10.31

28.67

8.06

37.85

1.30

6.95

18.38

11.22

10.75

2.67

3.90

4.18

Bmark

53.08

3.36

9.92

26 51

13.29

26.23

2.88

5.32

11.49

6.54

20.70

3.44

12.22

5.04

Asset Allocation as of 09-30-2022

Sector Weighting as of 09-30-2022

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Energy

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

0

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Utilities

Asset Class	Net %	Cat%
US Stocks	95.19	94.97
Non-US Stocks	2.61	2.90
Bonds	0.00	0.03
Cash	2.20	2.08
Other	0.00	0.02
Total	100.00	100.00

**Morningstar Index** 

Russell 2000 Value TR USD

**Morningstar Category** 

Small Value

100

Cat

50.26

5.71

12.73

24 49

7.33

35.83

1.93

6.56

18.02

9.32

13.92

4.24

6.43

3.25

## Benchmark [] Category Average Fund 0% 5 10 15 20 25 30 35 40 45 50 55

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## Federated Hermes Govt Ultrashort R6 FGULX

Portfolio Manager(s)

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

#### Quantitative Screens

Performance: The fund has finished in the Ultrashort Bond category's top three quartiles in 5 of the 6 years it's been in existence.

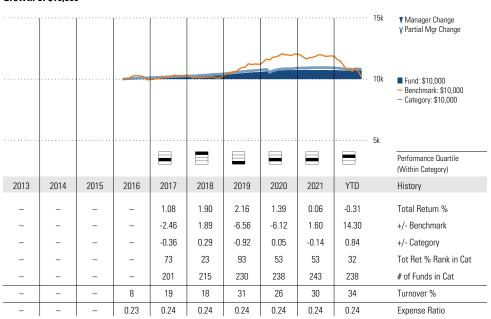
Management: The fund's management has been in place for 25.24 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.24 is 48.94% lower than the Ultrashort Bond category average.

#### Morningstar Investment Management LLC Analysis

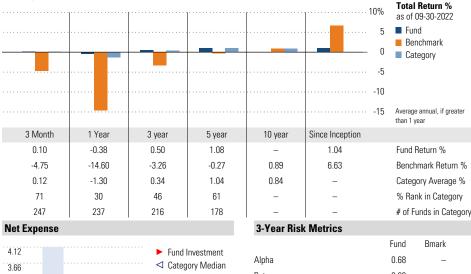
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

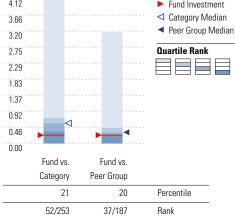


Morningstar Category

Ultrashort Bond

#### **Trailing Performance**





0.89	0.03	Benchmark Return %				
0.84	-	Category Average %				
-	-	% Rank in Category				
-	-	# of F	unds in Cate	gory		
3-Year Risk	Metrics					
		Fund	Bmark	Cat		
Alpha		0.68	-	0.71		
Beta		0.06	-	0.12		
R-Squared		31.67	-	16.20		
Standard Devia	ition	0.56	5.36	1.88		
Sharpe Ratio		-0.23	-0.70	-0.23		
Tracking Error		5.07	-	5.17		
Information Ra	tio	0.74	-	0.69		
Up Capture Rat	tio	11.59	-	25.28		
Down Capture	Ratio	1.33	-	12.13		
Portfolio M	etrics					
		Fund	Bmark	Cat		

	Fund	Bmark	
Avg Eff Duration	0.36	4.43	
Avg Eff Maturity	2.55	-	

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

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0.90

2.34

Morningstar Index

Bloomberg US Agg Bond TR USD



## Federated Hermes Govt Ultrashort R6 FGULX

## Style Analysis as of 09-30-2022



Duration

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	100.00	3.53	43.89
AA	0.00	74.59	6.32
A	0.00	10.82	18.20
BBB	0.00	8.32	21.88
BB	0.00	0.28	1.39
В	0.00	0.00	1.10
Below B	0.00	0.00	0.26
Not Rated	0.00	2.46	6.97

Asset Allocation	as of 09-30-2022	
I		
0	50	100

#### Asset Class Net % Cat% US Stocks 0.00 0.00 Non-US Stocks 0.00 0.00 Bonds 61.87 70.09 Cash 38.13 27.70 Other 0.00 2.22 Total 100.00 100.00

## Sector Weighting as of 09-30-2022

	Fund	Bmark	Cat	Func	1	<ul> <li>Ben</li> </ul>	chmark	] Ca	ategory	Avera	ge	
Government	14.35	-	15.37		-	-						
Treasury	5.34	_	9.99			0						
Inflation – Protected	0.00	-	0.00	0								
Agency/Quasi Agency	9.01	-	1.26									
Other Government Related	0.00	-	4.12		0							
Corporate	0.00	-	36.35								[	
Corporate Bond	0.00	_	31.57							0		
Bank Loan	0.00	_	0.37	0								
Convertible	0.00	-	4.41		0							
Preferred	0.00	-	0.00	0								
Securitized	47.52	-	20.65					]				
Agency MBS Pass-Through	1.68	-	0.50	0								
Agency MBS ARM	0.14	-	0.58	[]								
Agency MBS CMO	45.70	-	3.09									
Non-Agency Residential MBS	0.00	-	0.40	0								
Commercial MBS	0.00	-	1.26									
Asset-Backed	0.00	-	14.82									
Covered Bond	0.00	-	0.00	0								
Municipal	0.00	-	1.00	[]								
Cash & Equivalents	38.13	_	26.44						1			
Other	0.00	_	0.09	Ó								

#### Top 10 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
Novasc Repo 1 Repo	04-2022	23.03	23.03	_
🕀 Bofam Repo 1 Repo	04-2022	12.06	35.09	-
① Government National Mortgage Association 0.74857%	07-2050	6.50	41.59	-
Federal Home Loan Banks 0.4%	06-2024	4.40	45.99	-
$\odot$ Federal National Mortgage Association 0.95657%	08-2059	2.45	48.44	-
⊖ Federal Home Loan Mortgage Corporation 0.90657%	09-2049	2.08	50.52	-
$\odot$ Federal National Mortgage Association 0.90657%	06-2050	2.04	52.55	_
$\odot$ Federal Home Loan Mortgage Corporation 0.90657%	01-2050	1.76	54.31	-
⊖ Government National Mortgage Association 2.26188%	03-2067	1.70	56.02	-
igodot Government National Mortgage Association 0.82%	02-2065	1.68	57.70	-

#### Total Holdings 222

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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**Morningstar Category** Ultrashort Bond

**Morningstar Index** Bloomberg US Agg Bond TR USD

## Invesco Real Estate R6 IARFX

Portfolio Manager(s)

-
Mark Blackburn since 04-2000
Ping-Ying Wang since 01-2006
Darin Turner since 12-2009
James Cowen since 06-2015
Grant Jackson since 06-2018
Charles (Chip) McKinley since 01-2022

#### Quantitative Screens

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

Management: The fund's management has been in place for 22.51 years.

 $\times$  Style: The fund has landed in its primary style box — Mid-Cap Blend — 65 % of the time over the past three years.

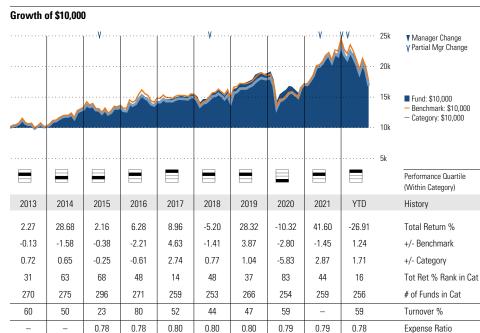
Net Expense: The fund's expense ratio of 0.78 is
 24.27% lower than the Real Estate category average.

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

Although this fund fails the style screen, it continues to hold real estate securities and we do not regard the failure as significant.

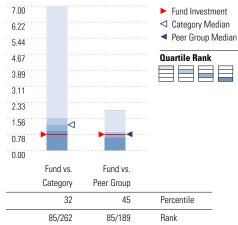
#### **ESG Metrics**

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



#### 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.

Fund Bmark Cat Alpha -0.77 0.40 0.92 0.94 Beta R-Squared 96.56 93.58 Standard Deviation 21 66 23.04 22.38 Sharpe Ratio -0.03 0.01 0.04 Tracking Error 4.38 5.35 Information Ratio -0.11 0.10 Up Capture Ratio 91.38 96.35 Down Capture Ratio 93.85 95.31

Morningstar Index

S&P United States REIT TR USD

Morningstar Category

Real Estate

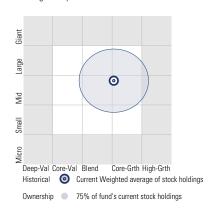
#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 36 44 38 46 26.25 Price/Book Ratio 2.68 2.42 2.16 Geom Avg Mkt Cap \$B 25.86 935 25.36 ROE 11.78 9.56 17.30

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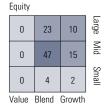


## Invesco Real Estate R6 IARFX

Style Analysis as of 09-30-2022 Morningstar Style Box™







Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings as of 09-30-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ American Tower Corp	9.52	9.52	-25.63	Real Estate
$\ni$ Prologis Inc	6.09	15.61	-38.25	Real Estate
⇒ SBA Communications Corp	4.88	20.49	-26.28	Real Estate
$\ni$ Equinix Inc	4.71	25.20	-31.65	Real Estate
e Invitation Homes Inc	4.62	29.82	-24.06	Real Estate
⊖ UDR Inc	4.31	34.13	-28.60	Real Estate
$\ni$ Crown Castle Inc	4.13	38.26	-28.64	Real Estate
igodolog AvalonBay Communities Inc	4.12	42.37	-25.19	Real Estate
igodolog VICI Properties Inc Ordinary Shares	3.77	46.14	2.82	Real Estate
$\oplus$ Sun Communities Inc	3.63	49.78	-34.29	Real Estate
$\ominus$ Rexford Industrial Realty Inc	3.54	53.32	-34.72	Real Estate
$\ni$ Realty Income Corp	3.29	56.61	-15.60	Real Estate
$oldsymbol{eta}$ Alexandria Real Estate Equities Inc	3.24	59.85	-35.55	Real Estate
€ CubeSmart	2.75	62.60	-27.34	Real Estate
∋ Kimco Realty Corp	2.75	65.35	-22.84	Real Estate

#### Total Holdings 43

🕀 Increase 👄 Decrease 🕸 New to Portfolio

Asset Allocation as of 09-30-2022

0

 50	100

#### Asset Class Net % Cat% US Stocks 83.90 99.16 Non-US Stocks 0.00 1.44 Bonds 0.00 4.15 Cash 0.83 2.36 Other 0.01 8.16 Total 100.00 100.00

Morningstar Index

S&P United States REIT TR USD

**Morningstar Category** 

Real Estate

Sector Weighting as of 09-	30-2022					
	Fund	Bmark	Cat	Fund	<ul> <li>Benchmark</li> </ul>	Category Average
🕑 Cyclical	100.00	99.13	99.29		· · · · · · ·	
🟯 Basic Materials	0.00	0.00	0.06	1		
Consumer Cyclical	0.20	0.13	0.92	0		
🗧 Financial Services	0.00	0.00	0.25	Ó		
n Real Estate	99.80	99.00	98.06			
w Sensitive	0.00	0.87	0.68	[		
Communication Services	0.00	0.00	0.13	]		
A Energy	0.00	0.00	0.02			
Industrials	0.00	0.87	0.24			
Technology	0.00	0.00	0.29	[		
→ Defensive	0.00	0.00	0.03			
Consumer Defensive	0.00	0.00	0.00	1		
Healthcare	0.00	0.00	0.01			
💡 Utilities	0.00	0.00	0.02	Í i i		

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

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## JPMorgan Large Cap Growth R6 JLGMX

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 years.

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

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	2-Basic	04-07-2022

Growth of \$10,000



Morningstar Category

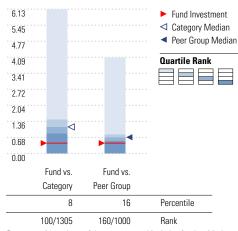
Large Growth

Morningstar Index

Russell 1000 Growth TR USD

#### 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.

# of Funds in Category Fund Bmark Cat Alpha 2.99 -3.29 0.97 Beta 0.98 95.38 **R-Squared** 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

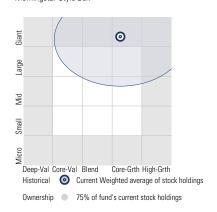
#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 22.08 23 78 23.27 Price/Book Ratio 6.49 8.32 6.18 Geom Avg Mkt Cap \$B 247 46 240 14 266 70 ROE 41.12 41.06 37.20

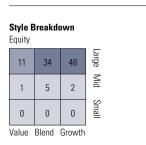
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# JPMorgan Large Cap Growth R6 JLGMX

Style Analysis as of 09-30-2022 Morningstar Style Box™





Weight %

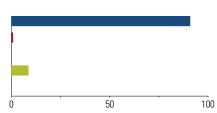
>50 25-50 10-25 0-10

#### Top 15 Holdings as of 09-30-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstor Sector
Name	% Net Asset	cumulative %	TID Return %	Morningstar Sector
Apple Inc	9.72	9.72	-21.79	Technology
$\oplus$ 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
$\ominus$ 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

 $\oplus$  Increase  $\ominus$  Decrease R New to Portfolio



Bmark

25.91

1.20

16.68

6 40

1.63

55.67

7.45

1.56

7.55

39.11

18.43

6.26

12.11

0.06

Fund

24.28

1.86

15.39

7.03

0.00

52.40

6.68

2.48

8.46

34.78

23.31

4.35

18.96

0.00

Cat

28.66

1.51

15.69

974

1.72

51.49

9.75

2.32

6.05

33.37

19.86

4.32

14.94

0.60

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

**Morningstar Index** 

Russell 1000 Growth TR USD

#### Benchmark [] Category Average Fund ΪÌ 0% 5 10 15 20 25 30 35 40 45 50 55 60

## Asset Allocation as of 09-30-2022

Sector Weighting as of 09-30-2022

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Energy

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F

Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

**Consumer Defensive** 

Defensive

Healthcare

Other 0.00 ( 100 Total 100.00 100

**Morningstar Category** 

Large Growth

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## MFS Massachusetts Investors Tr R6 MITJX

Portfolio Manager(s)

Edward (ted) Maloney since 04-2012 Alison O'Neill since 05-2018 Jude Jason since 06-2021

#### Quantitative Screens

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

Management: The fund's management has been in place for 10.5 years.

Style: The fund has landed in its primary style box — Large Blend — 90.91 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.37 is 53.75% lower than the Large Blend category average.

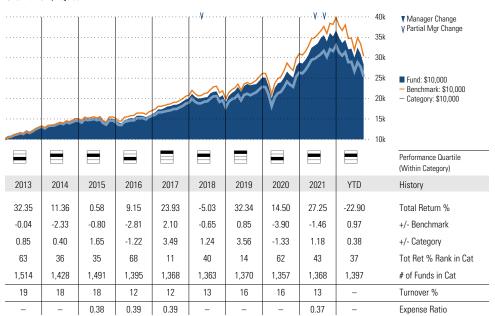
#### **Morningstar Investment Management LLC Analysis**

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	4	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022





Morningstar Category

Large Blend

Morningstar Index

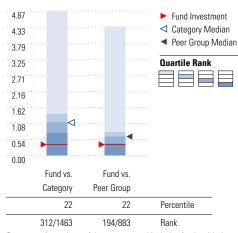
S&P 500 TR USD

#### **Trailing Performance**



Beta

ROE



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

Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund Bmark Cat Alpha -1.17 -1.32 0.94 0.96 R-Squared 98.10 95.48 Standard Deviation 19.37 20.30 19.87 Sharpe Ratio 0.39 0 45 0.37 Tracking Error 2 89 4.01 Information Ratio -0.56 -0.98 Up Capture Ratio 93.48 92.89 Down Capture Ratio 97.77 97.59

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 21 57 17.98 18.23 Price/Book Ratio 3.67 3.38 3.60 Geom Avg Mkt Cap \$B 143.38 164 20 210.33

28.71

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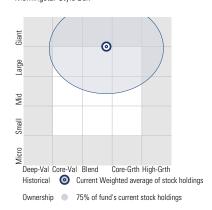


31.94

32.91

## MFS Massachusetts Investors Tr R6 MITJX

Style Analysis as of 09-30-2022 Morningstar Style Box™





Weight %

```
>50 25-50 10-25 0-10
```

#### Top 15 Holdings as of 09-30-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Microsoft Corp	6.38	6.38	-30.20	Technology
$\ominus$ Alphabet Inc Class A	4.79	11.17	-33.97	Communication Svc
$\ominus$ Apple Inc	2.89	14.07	-21.79	Technology
$\ominus$ ConocoPhillips	2.66	16.73	47.02	Energy
⊖ Johnson & Johnson	2.34	19.07	-2.57	Healthcare
∋ JPMorgan Chase & Co	2.21	21.28	-32.11	Financial Services
$igodoldsymbol{ ightarrow}$ Bank of America Corp	2.08	23.35	-30.68	Financial Services
$\ominus$ Visa Inc Class A	2.08	25.43	-17.50	Financial Services
$\ni$ Vertex Pharmaceuticals Inc	1.98	27.41	31.85	Healthcare
$\ominus$ Thermo Fisher Scientific Inc	1.96	29.37	-23.85	Healthcare
⊖ American Tower Corp	1.90	31.28	-25.63	Real Estate
$\ominus$ Honeywell International Inc	1.85	33.13	-18.51	Industrials
→ Mastercard Inc Class A	1.84	34.96	-20.46	Financial Services
⇒ Electronic Arts Inc	1.83	36.80	-11.86	Communication Svc
igodot Becton, Dickinson and Co	1.83	38.62	-8.96	Healthcare

#### Total Holdings 72

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

50 100 0

Bmark

29.69

2.24

11.44

13 11

2.90

44.73

8.07

4.55

8.32

23.79

25.58

7.33

15.18

3.07

Fund

27.32

2.17

6.88

14.46

3.81

42.96

10.14

2.68

8.37

21.77

29.72

9.68

18.98

1.06

Cat

29.07

2.66

10.23

13.64

2.54

45.16

7.92

4.06

10.09

23.09

25.75

7.35

15.61

2.79

Asset Allocation as of 09-30-2022

Sector Weighting as of 09-30-2022

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

Դ Cyclical

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Energy

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Utilities

#### Asset Class Net % Cat% US Stocks 91.80 94.84 Non-US Stocks 7.32 2.67 Bonds 0.00 0.87 Cash 0.88 0.53 Other 0.00 1.09 Total 100.00 100.00

## Benchmark [] Category Average Fund i di 0% 5 10 15 20 25 30 35 40 45 50

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**Morningstar Category** 

📕 Large Blend

Morningstar Index

S&P 500 TR USD

## MFS Value R6 MEIKX

#### Portfolio Manager(s)

Nevin Chitkara since 05-2006 Katherine Cannan since 12-2019

#### **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 has been in place for 16.35 years.

Style: The fund has landed in its primary style box — Large Value — 93.94 % of the time over the past three years.

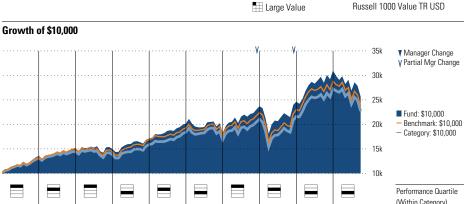
Net Expense: The fund's expense ratio of 0.45 is 50.55% lower than the Large Value category average.

#### **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	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	2-Basic	02-15-2022

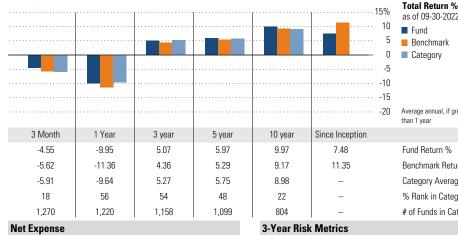


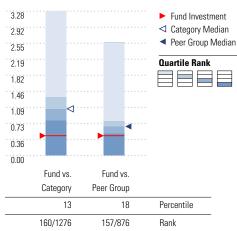
**Morningstar Category** 

Morningstar Index

										Performance Quartile (Within Category)
2013	2014	2015	2016	2017	2018	2019	2020	2021	YTD	History
35.95	10.68	-0.42	14.25	17.86	-9.78	30.18	4.03	25.55	-17.08	Total Return %
3.42	-2.77	3.41	-3.09	4.20	-1.51	3.64	1.23	0.39	0.67	+/- Benchmark
4.74	0.47	3.63	-0.56	1.92	-1.25	5.14	1.12	-0.67	-0.44	+/- Category
12	49	11	51	29	67	9	38	57	55	Tot Ret % Rank in Cat
1,378	1,351	1,441	1,345	1,327	1,346	1,290	1,256	1,219	1,240	# of Funds in Cat
12	13	12	12	14	11	11	16	8	-	Turnover %
_	-	0.50	0.50	0.49	0.47	0.47	0.46	0.44	-	Expense Ratio

#### **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.

15% 10 5 0 -5 -10 -15 -20	Average annual, if greater than 1 year
ince Inception	
7.48	Fund Return %
11.35	Benchmark Return %
-	Category Average %
-	% Rank in Category
_	# of Funds in Category
letrics	

	Fund	Bmark	Cat
Alpha	0.90	-	1.02
Beta	0.92	-	0.98
R-Squared	97.95	-	95.47
Standard Deviation	18.95	20.45	20.54
Sharpe Ratio	0.32	0.28	0.32
Tracking Error	3.20	-	4.62
Information Ratio	0.22	-	0.21
Up Capture Ratio	98.82	-	99.08
Down Capture Ratio	96.03	-	95.67

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 17.60 13.75 12.66 Price/Book Ratio 3.00 2.00 2.12 Geom Avg Mkt Cap \$B 91.43 64 23 95.02

27.73

ROE

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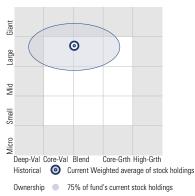
18.55

25.15

# MFS Value R6 MEIKX

## Style Analysis as of 09-30-2022

Morningstar Style Box™







## Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings as of 09-30-2022

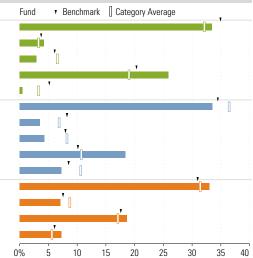
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ JPMorgan Chase & Co	3.35	3.35	-32.11	Financial Services
∋ Johnson & Johnson	3.16	6.51	-2.57	Healthcare
igodolog Northrop Grumman Corp	2.76	9.27	22.81	Industrials
∋ Cigna Corp	2.69	11.95	22.30	Healthcare
→ Texas Instruments Inc     →	2.44	14.39	-16.04	Technology
$\ominus$ Aon PLC Class A	2.43	16.82	-10.33	Financial Services
$\supset$ Marsh & McLennan Companies Inc	2.32	19.14	-13.16	Financial Services
Đ Comcast Corp Class A	2.29	21.43	-40.15	Communication Svc
ightarrow Progressive Corp	2.28	23.71	13.50	Financial Services
igop Honeywell International Inc	2.28	25.99	-18.51	Industrials
∋ Pfizer Inc	2.27	28.26	-23.86	Healthcare
ightarrow Duke Energy Corp	2.22	30.47	-8.49	Utilities
igeq Accenture PLC Class A	2.17	32.65	-37.23	Technology
ightarrow Chubb Ltd	2.11	34.75	-4.64	Financial Services
ightarrow Southern Co	2.06	36.81	2.10	Utilities

## **Total Holdings** 75

🕀 Increase 👄 Decrease 🕸 New to Portfolio

Ó 50 100 Sector Weighting as of 09-30-2022 Benchmark [] Category Average Fund Bmark Cat Fund

Դ	Cyclical	33.45	34.81	32.14
<i>.</i>	Basic Materials	4.21	3.61	3.28
æ	Consumer Cyclical	2.88	5.97	6.56
ц <b>р</b>	Financial Services	25.90	20.20	19.02
ŵ	Real Estate	0.46	5.03	3.28
Vvr	Sensitive	33.52	34.35	36.44
đ	Communication Services	3.53	8.11	6.86
0	Energy	4.33	7.84	8.23
Ф	Industrials	18.36	10.01	10.72
	Technology	7.30	8.39	10.63
	Defensive	33.02	30.84	31.42
	Consumer Defensive	7.05	7.42	8.73
٠	Healthcare	18.68	17.47	17.09
2	Utilities	7.29	5.95	5.60



## Asset Allocation as of 09-30-2022

Total	100.00	100.00
Other	0.00	0.71
Cash	0.59	1.70
Bonds	0.00	0.32
Non-US Stocks	7.50	5.78
US Stocks	91.92	91.50
Asset Class	Net %	Cat%
Large Value	Russell 1000 Value TR USD	

**Morningstar Index** 

**Morningstar Category** 

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## Neuberger Berman Mid Cap Growth R6 NRMGX

Portfolio Manager(s)

Kenneth Turek since 01-2003 Chad Bruso since 01-2020 Trevor Moreno since 01-2020 Jennifer Blachford since 12-2021

#### Quantitative Screens

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 19.68 years.

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

Net Expense: The fund's expense ratio of 0.57 is
 45.71% lower than the Mid-Cap Growth category average.

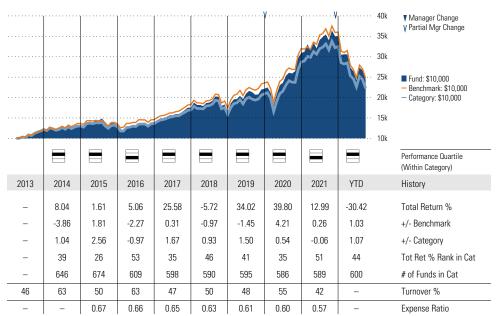
#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

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

Growth of \$10,000

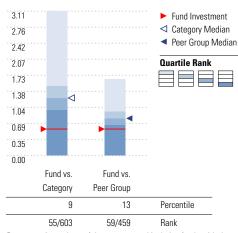


Morningstar Category

Mid-Cap Growth

#### **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.

# of Funds in Category Fund Bmark Cat Alpha 1.41 0.85 0.98 0.99 Beta **R-Squared** 96.75 91.53 Standard Deviation 24 00 24 18 25 14 Sharpe Ratio 0.32 0 26 0.28 Tracking Error 4 36 7.20 Information Ratio 0.31 -0.02 Up Capture Ratio 101.58 100.98 Down Capture Ratio 97.50 99.49

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 23 91 22 23 24 18 Price/Book Ratio 4.97 5.66 3.64 Geom Avg Mkt Cap \$B 19.68 18 22 14 41 ROE 16.98 25.45 18.11

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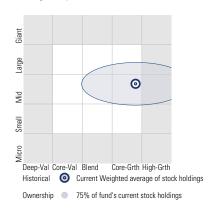


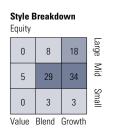
Morningstar Index

Russell Mid Cap Growth TR USD

## Neuberger Berman Mid Cap Growth R6 NRMGX

**Style Analysis** as of 09-30-2022 Morningstar Style Box™





Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings as of 09-30-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Cintas Corp	2.47	2.47	-11.72	Industrials
onumber  onumber	2.36	4.83	-19.51	Technology
BJ's Wholesale Club Holdings Inc	2.30	7.14	8.72	Consumer Defensive
m lacksquare The Trade Desk Inc Class A	2.29	9.42	-34.80	Technology
Devon Energy Corp	2.22	11.64	45.18	Energy
ightarrow Energy Inc	2.14	13.78	51.67	Technology
Waste Connections Inc	2.12	15.90	-0.33	Industrials
Đ Ssc Government Mm Gvmxx	2.08	17.98	_	-
$oldsymbol{eta}$ Datadog Inc Class A	2.03	20.02	-50.15	Technology
United Rentals Inc	1.98	21.99	-18.71	Industrials
O'Reilly Automotive Inc	1.83	23.82	-0.41	Consumer Cyclical
Chipotle Mexican Grill Inc	1.73	25.55	-14.04	Consumer Cyclical
Old Dominion Freight Line Inc Ordinary Shares	1.71	27.26	-30.33	Industrials
Axonics Inc	1.64	28.91	25.79	Healthcare
Avantor Inc	1.64	30.55	-53.49	Basic Materials

#### Total Holdings 78

 $\oplus$  Increase  $\oplus$  Decrease otin New to Portfolio

Asset Allocation as of 09-30-2022

Sector Weighting as of 09-30-2022

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

€ Cyclical

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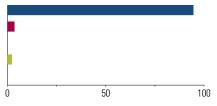
đ

Energy

¢

F

Utilities



Bmark

25.90

2.90

15.37

5.63

2.00

54.51

4.82

4.69

15.84

29.16

19.59

3.24

16.04

0.31

Fund

23.30

1.67

13.93

5.73

1.97

57.71

0.00

5.02

16.47

36 22

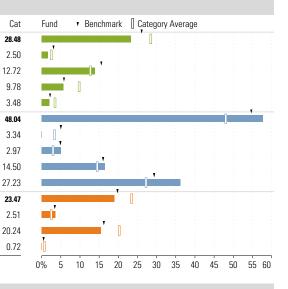
18.97

3.55

15.42

0.00

#### Asset Class Net % Cat% US Stocks 94.48 92.12 Non-US Stocks 3.44 3.96 Bonds 0.00 0.07 Cash 2.08 3.50 0.00 Other 0.33 Total 100.00 100.00





Morningstar Category Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

## PGIM Jennison Small Company R6 PJSQX

#### Portfolio Manager(s)

Jason Swiatek since 11-2013 Jonathan Shapiro since 07-2018

#### Quantitative Screens

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

Management: The fund's management has been in place for 8.85 years.

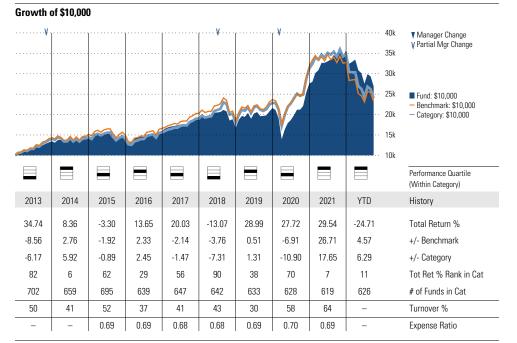
× Style: The fund has landed in its primary style box — Small Growth - 8.82 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.69 is 42.02% lower than the Small Growth category average.

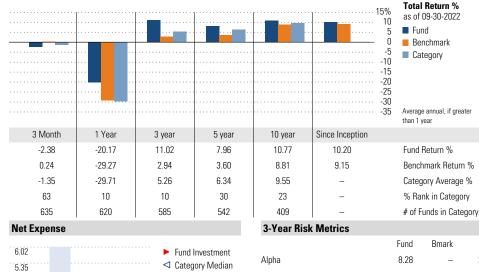
#### Morningstar Investment Management LLC Analysis

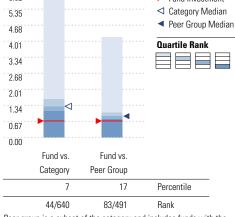
This fund fails our style screen due to edging up into midcap territory but its portfolio positioning is consistent with the overall investment strategy.

Rating	Updated
3	08-31-2022
Medium Risk	06-30-2022
	3



#### **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.

Cat 2.14 Beta 0.95 0.98 86.37 **R-Squared** 91.07 Standard Deviation 27 42 25.97 26.02 Sharpe Ratio 0.50 0.21 0.28 Tracking Error 10.14 7.98 Information Ratio 0.80 0.25 Up Capture Ratio 112.43 99.82 Down Capture Ratio 90.04 94.40

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 15.68 13.92 20.21 Price/Book Ratio 2.29 3.41 3.60 Geom Avg Mkt Cap \$B 4 50 2 37 4 40 ROE 11.46 10.03 15.28

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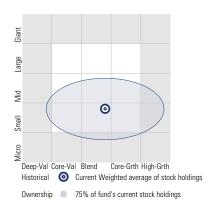


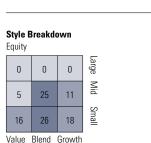
Morningstar Category Morningstar Index Small Growth

Russell 2000 Growth TR USD

## PGIM Jennison Small Company R6 PJSQX

Style Analysis as of 09-30-2022 Morningstar Style Box™





Weight %

#### Top 15 Holdings as of 09-30-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ Dreyfus Government Cash Mgmt Instl	4.08	4.08	_	_
PDC Energy Inc	2.54	6.63	20.42	Energy
Performance Food Group Co	2.29	8.92	-6.41	Consumer Defensive
Targa Resources Corp	2.28	11.20	17.52	Energy
Trinity Industries Inc	2.04	13.24	-27.02	Industrials
Gaming and Leisure Properties Inc	1.96	15.21	-4.77	Real Estate
$\oplus$ Chord Energy Corp Ordinary Shares - New	1.91	17.12	27.10	Energy
$\ominus$ Axis Capital Holdings Ltd	1.82	18.94	-7.40	Financial Services
Alleghany Corp	1.81	20.74	25.73	Financial Services
WillScot Mobile Mini Holdings Corp	1.69	22.43	-1.25	Industrials
Molina Healthcare Inc	1.67	24.10	3.70	Healthcare
Darling Ingredients Inc	1.63	25.73	-4.53	Consumer Defensive
Tower Semiconductor Ltd	1.55	27.28	_	Technology
Apellis Pharmaceuticals Inc	1.47	28.75	44.46	Healthcare
Acadia Healthcare Co Inc	1.47	30.22	28.80	Healthcare

#### Total Holdings 124

 $\oplus$  Increase  $\ominus$  Decrease R New to Portfolio

Fund

38.68

3.15

10.09

14.90

10.54

38.65

0.00

7.62

17.54

13.49

22.68

4.98

14.82

2.88

Bmark

22.42

4.64

9.56

6.09

2.13

45.97

2.30

6.53

16.49

20.65

31.62

4.53

1.92

25.17

Asset Allocation as of 09-30-2022

Sector Weighting as of 09-30-2022

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Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Energy

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

Asset Class	Net %	Cat%
US Stocks	89.92	92.44
Non-US Stocks	6.06	4.23
Bonds	0.00	0.01
Cash	4.02	2.96
Other	0.00	0.37
Total	100.00	100.00

# Fund Benchmark Category Average Image: Contract of the second second

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Morningstar Category M

Cat

26.13

2.94

10.91

944

2.84

45.90

2.05

3.69

16.99

23.17

27.98

4.67

22.34

0.97

Morningstar Index Russell 2000 Growth TR USD

# PIMCO Commodity Real Ret Strat Instl PCRIX

Updated

## 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.

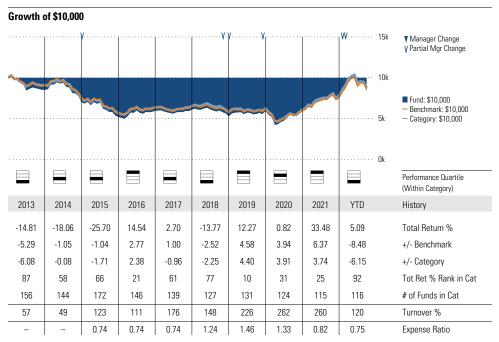
Net Expense: The fund's expense ratio of 0.76 is 26.92% lower than the Commodities Broad Basket category average.

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

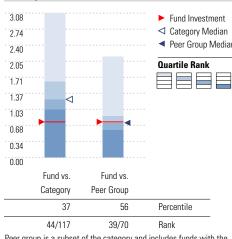
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

#### ESG Metrics

Metric Rating Sustainability Rating 08-31-2022 3







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

Benchmark Category Average annual, if greater Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Bmark Cat 0.25 1 03 86.02 18 76 21 13 0 73 0.70 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

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Morningstar Index

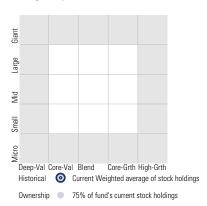
Commodities Broad Basket

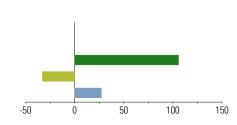
Morningstar Category

Bloomberg Commodity TR USD

# PIMCO Commodity Real Ret Strat Instl PCRIX

Style Analysis as of 09-30-2022 Morningstar Style Box™





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

#### Sector Weighting as of 09-30-2022

Asset Allocation as of 09-30-2022

		Fund	Bmark	Cat	Fun	t	<ul> <li>Bend</li> </ul>	hmark	] Ca	ategory	Avera	ge			
Դ	Cyclical	-	-	47.24											
ŵ.	Basic Materials	-	-	47.24											[
A	Consumer Cyclical	-	-	0.00	Ó										
<b>e</b>	Financial Services	-	-	0.00	0										
æ	Real Estate	-	-	0.00	Ū										
M	Sensitive	-	-	41.11											
d	Communication Services	-	-	0.00	Ó										
0	Energy	-	-	38.04									0		
₽	Industrials	-	-	3.07											
	Technology	-	-	0.00	ĺ										
•	Defensive	-	-	11.65											
-	Consumer Defensive	-	-	11.04			0								
÷	Healthcare	-	-	0.61	0										
<b>9</b>	Utilities	-	-	0.00	Ó										
					0%	5	10	15	20	25	30	35	40	45	5

Style Breakdown Equity



## Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings as of 09-30-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
United States Treasury Notes 0.125%	21.22	21.22	_	_
$\odot$ U S TIPS REV REPO	21.20	42.42	_	-
$\odot$ U S TIPS REV REPO	21.17	63.59	_	-
蓉 Offset: Unsettled Trades	17.24	80.83	_	-
$\oplus$ 2 Year Treasury Note Future Sept 22	12.37	93.20	-	-
$\oplus$ United States Treasury Notes 0.625%	9.25	102.45	_	_
∋ 10 Year Treasury Note Future Sept 22	8.54	110.99	_	-
United States Treasury Notes 0.125%	8.40	119.39	_	-
$\odot$ Fin Fut 10Yr Jgb Ose 09/12/22	8.26	127.65	_	-
$\oplus$ 3 Month Euribor TAS Future Mar 23	7.05	134.70	-	-
类 Cash Offset	6.91	141.61	_	-
∋ Euro Schatz Future Sept 22	6.87	148.48	_	-
⊕ Pimco Cayman Cmdty Fd Ltd Instl	6.82	155.30	_	-
$\oplus$ United States Treasury Notes 0.75%	6.69	161.99	_	-
$\ominus$ EUROPEAN MONETARY UNION EURO Purchased	6.04	168.04	_	-

#### Total Holdings 859

🕀 Increase 👄 Decrease 🕸 New to Portfolio

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Commodities Broad Basket Bloomberg Commodity TR USD

**Morningstar Category Morningstar Index** 

## 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.

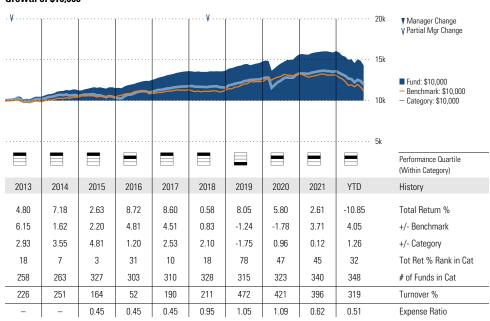
#### Morningstar Investment Management LLC Analysis

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.

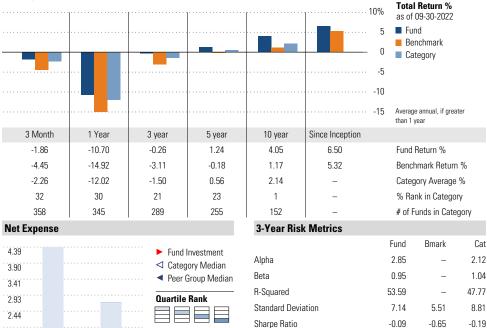


Morningstar Category Multisector Bond

Morningstar Index Bloomberg US Universal TR USD



#### **Trailing Performance**



Tracking Error

Information Ratio

 3.90

 Category Median

 3.41

 Peer Group Median

 2.93

 2.44

 1.46

 0.98

 0.49

 0.00
 Fund vs.
 Fund vs.
 Category
 Peer Group

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

4.87

0.59

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

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6.61

0.32

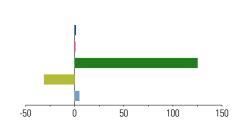
# PIMCO Income Insti PIMIX

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



Duration

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	40.76	67.64	21.84
AA	5.76	3.23	4.26
А	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



Asset Allocation as of 09-30-2022

#### Asset Class Net % Cat% US Stocks 1.12 1.56 Non-US Stocks 0.18 0.41 Bonds 124.99 96.06 Cash -31.14 0.11 Other 4.61 2.08 Total 100.00 100.00

**Morningstar Index** 

Bloomberg US Universal TR USD

Morningstar Category

Multisector Bond

#### Sector Weighting as of 09-30-2022 Benchmark [] Category Average Fund Bmark Cat Fund Government 26.92 23.86 3.04 8.65 0 Treasurv \_ 0 Inflation - Protected 1.26 0.43 0.21 i II. Agency/Quasi Agency 0.96 Other Government Related 22.41 13.82 36.52 Corporate 7.38 \_ Corporate Bond 5.00 30.82 Π Bank Loan 1.02 \_ 2.84 Convertible 1.08 2.38 Preferred 0.28 ſ. \_ 0.48 Securitized 20.33 26.27 \_ Agency MBS Pass-Through 8.24 7.83 Î Agency MBS ARM 0.00 0.00 \_ Agency MBS CMO 0.64 0.61 Non-Agency Residential MBS 3.19 1.59 Commercial MBS 0.20 5.44 Ì Asset-Backed 8 06 10.80 \_ Covered Bond 0.00 0.00 П 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

#### Top 10 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
娄 Cash Offset	_	25.21	25.21	_
娄 Offset: Unsettled Trades	-	15.76	40.97	-
€ CDX HY38 5Y ICE	06-2027	9.46	50.44	-
⊖ IRO USD 1Y P 1.27000 L 11/02/22 GLM	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	-
$\odot$ BRITISH POUND STERLING Sold	08-2022	6.75	107.13	-

#### Total Holdings 8056

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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# PIMCO International Bond (USD-Hdg) Instl PFORX

Updated

04-30-2022

Portfolio Manager(s)

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

#### Quantitative Screens

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

*Management:* The fund's management has been in place for 8.02 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.51 is 31.08% lower than the Global Bond-USD Hedged category average.

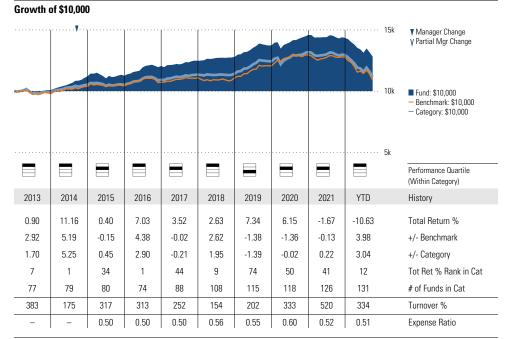
#### Morningstar Investment Management LLC Analysis

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

 Sustainability Rating
 2



Morningstar Category

Global Bond-USD Hedged

#### Trailing Performance



Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.67	4.43	6.92
Avg Eff Maturity	7.68	-	7.77

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

27/81

34

Percentile

Rank

Peer Group

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Category 27

36/133



Morningstar Index

Bloomberg US Agg Bond TR USD

# PIMCO International Bond (USD-Hdg) Instl PFORX

## Style Analysis as of 09-30-2022





Duration

	,	 		
0		50		100

Total	100.00	100.00
Other	1.75	1.34
Cash	25.39	8.88
Bonds	72.83	89.76
Non-US Stocks	0.03	0.02
US Stocks	0.00	0.00
Asset Class	Net %	Cat%

**Morningstar Index** 

Bloomberg US Agg Bond TR USD

**Morningstar Category** 

Global Bond-USD Hedged

#### Sector Weighting as of 09-30-2022

Asset Allocation as of 09-30-2022

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	38.20	3.53	28.16
AA	19.50	74.59	13.39
Ą	24.27	10.82	29.25
BBB	12.34	8.32	16.02
BB	2.18	0.28	5.41
3	0.87	0.00	2.47
Below B	2.65	0.00	0.52
Not Rated	0.00	2.46	4.79

	Fund	Bmark	Cat	Fund		• Benc	hmark	] Ca	ategory	Avera	ge			
Government	40.62	-	48.81											
Treasury	5.10	-	36.04								0			
Inflation – Protected	0.41	-	1.12	1										
Agency/Quasi Agency	1.49	-	5.97		0									
Other Government Related	33.62	-	5.68											
Corporate	3.60	-	12.31			0								
Corporate Bond	2.60	-	11.41			0								
Bank Loan	0.06	-	0.11	0										
Convertible	0.76	-	0.79											
Preferred	0.18	-	0.00	ĺ,										
Securitized	8.07	-	5.28		0									
Agency MBS Pass-Through	2.80	-	2.75											
Agency MBS ARM	0.00	-	0.00	į.										
Agency MBS CMO	0.02	-	0.32	0										
Non-Agency Residential MBS	1.24	-	0.09											
Commercial MBS	0.25	-	0.46	0										
Asset-Backed	2.96	-	1.37											
Covered Bond	0.80	-	0.29	0										
Municipal	0.03	-	0.10	[										
Cash & Equivalents	31.75	-	19.83					[						
Other	15.04	-	13.55				0							
				0%	5	10	15	20	25	30	35	40	45	50

#### Top 10 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊖ RFR USD SOFR/1.32000 12/21/22-1Y LCH Pay	12-2023	35.51	35.51	_
○ RFR USD SOFR/1.32000 12/21/22-1Y LCH Receive	12-2023	34.83	70.34	-
⊕ IRS EUR -0.25000 09/21/22-5Y LCH Pay	09-2027	19.92	90.26	-
IRS EUR -0.25000 09/21/22-5Y LCH Receive	09-2027	17.85	108.11	-
Euro Schatz Future Sept 22	09-2022	15.22	123.33	-
⊖ 2 Year Treasury Note Future Sept 22	10-2022	14.19	137.52	-
IRS EUR 0.25000 09/21/22-10Y LCH Pay	09-2032	12.95	150.46	-
⊖ IRS USD 1.27000 11/04/22-1Y (WHT) LCH Pay	11-2023	11.96	162.42	-
⊖ IRO USD 1Y P 1.27000 L 11/02/22 GLM	11-2022	11.92	174.34	-
⊖ IRS USD 1.27000 11/04/22-1Y (WHT) LCH Receive	11-2023	11.69	186.02	_

#### Total Holdings 1724

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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## PIMCO Real Return Insti PRRIX

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

*Management:* The fund's management has been in place for 3.73 years.

Style Consistency is not calculated for Fixed Income funds.

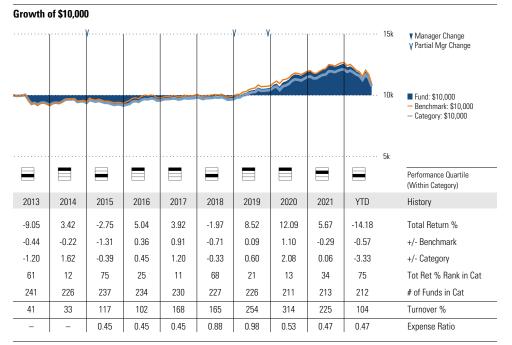
Net Expense: The fund's expense ratio of 0.47 is 20.34% lower than the Inflation-Protected Bond category average.

#### Morningstar Investment Management LLC Analysis

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

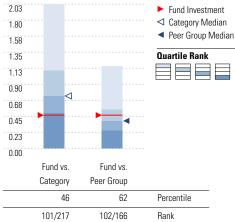
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022



#### Trailing Performance





			J	/			
128	-	# of Funds in Category					
3-Year Risk	Metrics						
		Fund	Bmark	Cat			
Alpha		0.04	-	0.20			
Beta		1.04	-	0.91			
R-Squared		98.67	-	88.08			
Standard Deviat	ion	7.20	6.87	6.78			
Sharpe Ratio		0.07	0.06	0.10			
Tracking Error		0.88	-	2.52			
Information Rati	0	0.07	-	-0.20			
Up Capture Ratio	C	104.77	-	92.73			
Down Capture R	atio	104.42	-	90.87			

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.65	4.52	6.08
Avg Eff Maturity	6.19	-	6.57

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

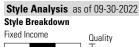
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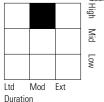


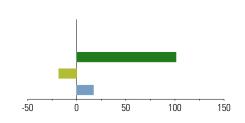
Morningstar Category Inflation-Protected Bond

Morningstar Index Bloomberg US Treasury US TIPS TR USD

# PIMCO Real Return Insti PRRIX







#### Sector Weighting as of 09-30-2022

Asset Allocation as of 09-30-2022

Morningstar Category Inflation-Protected Bond

Morningstar Index Bloomberg US Treasury US TIPS TR USD

Asset Class	Net %	Cat%
US Stocks	0.00	0.15
Non-US Stocks	0.00	0.00
Bonds	101.11	97.50
Cash	-18.22	1.40
Other	17.11	0.95
Total	100.00	100.00

Fund	Pmork	Cat
	DIIIdIK	Gal
90.08	0.00	94.89
4.98	99.60	0.55
0.98	0.00	1.01
1.33	0.00	2.40
0.74	0.00	0.41
0.48	0.00	0.24
1.41	0.00	0.11
0.00	0.40	0.39
	0.98 1.33 0.74 0.48 1.41	90.08         0.00           4.98         99.60           0.98         0.00           1.33         0.00           0.74         0.00           0.48         0.00           1.41         0.00

	Fund	Bmark	Cat	Fund  V Benchmark  Category Average
Government	70.55	-	89.38	
Treasury	0.34	-	0.32	0
Inflation – Protected	47.86	-	83.82	
Agency/Quasi Agency	0.00	-	0.03	
Other Government Related	22.35	-	5.21	
Corporate	0.60	-	2.54	10
Corporate Bond	0.28	-	2.26	· <b>i</b> ∎
Bank Loan	0.00	-	0.18	
Convertible	0.09	-	0.10	0
Preferred	0.23	-	0.00	Ú .
Securitized	8.61	-	4.91	
Agency MBS Pass-Through	1.69	-	0.60	0
Agency MBS ARM	0.00	-	0.00	0
Agency MBS CMO	0.09	-	0.41	
Non-Agency Residential MBS	0.56	-	0.24	
Commercial MBS	0.03	-	0.84	0
Asset-Backed	4.28	-	2.64	•
Covered Bond	1.96	-	0.18	
Municipal	0.00	-	0.02	
Cash & Equivalents	7.49	-	2.40	
Other	12.43	-	0.74	

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

#### Top 10 Holdings as of 09-30-2022 Name Maturity Date % Net Asset Cumulative % Fixed Income Sector ⊖ U S TIPS REV REPO 07-2022 14.39 14.39 \_ ⊖ U S TIPS REV REPO 07-2022 14.07 28.46 \_ ⊖ Euro Schatz Future Sept 22 09-2022 40.08 11.62 \_ ⊖ 10 Year Treasury Note Future Sept 22 09-2022 11.09 51.17 蓉 Offset: Unsettled Trades 10.96 62.13 \_ \_ ③ 3 Month Euribor TAS Future Mar 23 03-2023 10.55 72.68 \_ ⊖ Fin Fut 10Yr Jgb Ose 09/12/22 7.42 80.11 \_ € 5 Year Treasury Note Future Sept 22 10-2022 86.85 6.74 \_ ⊖ EUROPEAN MONETARY UNION EURO Sold 08-2022 6.68 93.53 \_ ⊖ EUROPEAN MONETARY UNION EURO Purchased 08-2022 6.68 100.21 \_

#### Total Holdings 1009

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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## Vanguard 500 Index Admiral VFIAX

#### 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.

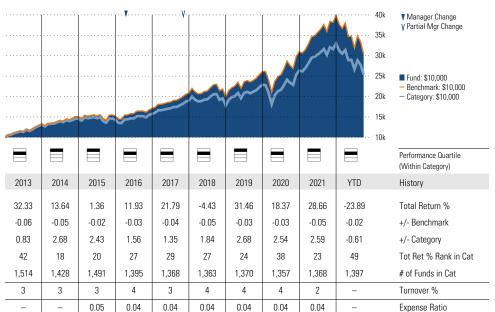
#### Morningstar Investment Management LLC Analysis

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**

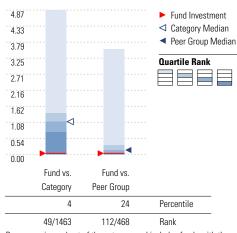
Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022





#### **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.

Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund Bmark Cat Alpha -0.04 -1.32 1 00 0.96 Beta 100.00 **R-Squared** 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

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Morningstar Index

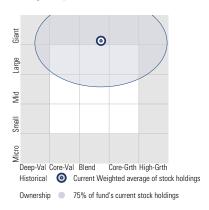
**Morningstar Category** 

Large Blend

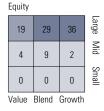
S&P 500 TR USD

# Vanguard 500 Index Admiral VFIAX

Style Analysis as of 09-30-2022 Morningstar Style Box™







#### Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings as of 09-30-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	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
	1.93	20.33	-33.97	Communication Svc
🕀 Alphabet Inc Class C	1.80	22.13	-33.54	Communication Svc
$oldsymbol{eta}$ Berkshire Hathaway Inc Class B	1.51	23.64	-10.70	Financial Services
Đ UnitedHealth Group Inc	1.45	25.10	1.52	Healthcare
Đ Johnson & Johnson	1.26	26.36	-2.57	Healthcare
	1.20	27.56	47.00	Energy
➔ NVIDIA Corp	1.13	28.69	-58.69	Technology
Deta Platforms Inc Class A	1.11	29.80	-59.66	Communication Svc
m lacksquare JPMorgan Chase & Co	1.00	30.79	-32.11	Financial Services
Đ Procter & Gamble Co	0.99	31.78	-21.17	Consumer Defensive
m lacksquare Visa Inc Class A	0.97	32.75	-17.50	Financial Services

Asset Allocation as of 09-30-2022

Sector Weighting as of 09-30-2022

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Energy

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Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

Consumer Defensive

50

Fund

29.27

2.25

11.21

12.96

2.85

46.26

8.42

4.68

8.47

24 69

24.48

7.19

14.16

3.13

Bmark

29.69

2.24

11.44

13 11

2.90

44.73

8.07

4.55

8.32

23.79

25.58

7.33

15.18

3.07

100

#### Total Holdings 506

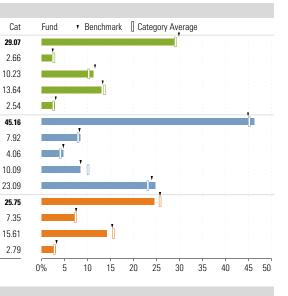
⊕ Increase ⊖ Decrease 🕸 New to Portfolio

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

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



## Vanguard International Growth Adm VWILX

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 years.

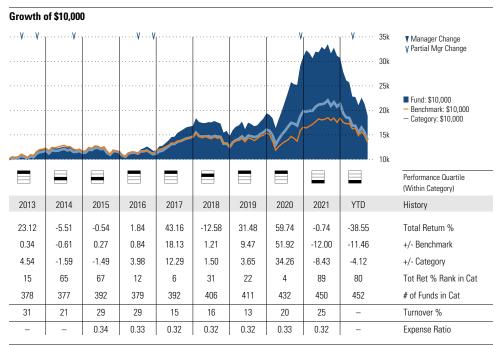
Net Expense: The fund's expense ratio of 0.32 is 69.52% lower than the Foreign Large Growth category average.

#### 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.

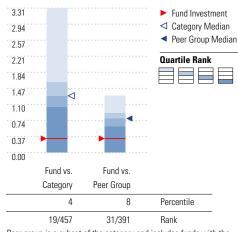
#### **ESG Metrics**

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



#### **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.

227   -	# OT	Funds in Ca	tegory
3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	6.31	-	0.70
Beta	1.04	-	0.97
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
Down Capture Ratio	95.06	-	103.29

#### **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

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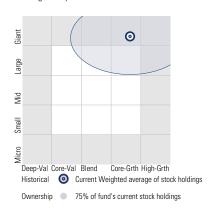


Foreign Large Growth

MSCI EAFE NR USD

# Vanguard International Growth Adm VWILX

**Style Analysis** as of 09-30-2022 Morningstar Style Box™







Weight %

<25

>50 25-50 10-25 0-10

## World Regions % Equity 09-30-2022

0	50	

Fund

37.82

0.51

27.26

10.05

0.00

38.35

7.77

2.21

10.61

17.76

23.82

5.96

16.84

1.02

Bmark

38.61

7.50

10.50

17 65

2.96

33.04

5.11

5.02

14.77

8.14

28.34

11.17

13.99

3.18

Asset Allocation as of 09-30-2022

Sector Weighting as of 09-30-2022

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

€ Cyclical

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Energy

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Utilities

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

Morningstar Index

MSCI EAFE NR USD

Morningstar Category

Foreign Large Growth

#### Benchmark [] Category Average Cat Fund 34.60 6.46 1 12.47 14 87 0.80 i [] 39.45 4.52 3.90 15.63 15.40 25.94 9.56 15.41 0.97 0% 5 10 15 20 25 30 35 40

1	Greater Asia	Fund % 30.70	Cat % 27.73	Americas	Fund % 20.83	Cat % 15.17	Greater Europe	Fund % 48.47	Cat % 57.11	Market Maturity	Fund %
	Japan	7.36	11.15	North America	15.22	13.28	United Kingdom	7.14	12.20	Developed Markets	79.63
	Australasia	0.61	1.91	Central/Latin	5.61	1.89	W euro-ex UK	41.00	44.27	Emerging Markets	20.37
	Asia-4 Tigers	7.97	6.07				Emrgng Europe	0.00	0.03	Not Available	0.00
	Asia-ex 4 Tigers	14.76	8.60				Africa	0.33	0.61		
	Not Classified	0.00	0.00								
	-										

Top 10 Holdings as of 09-30-2022

25-50

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
igeq ASML Holding NV	5.84	5.84	-37.96	Technology
∋ MercadoLibre Inc	4.56	10.40	-38.61	Consumer Cyclical
ightarrow Tencent Holdings Ltd	3.88	14.28	-44.79	Communication Svc
€ Adyen NV	3.55	17.83	-43.68	Technology
e 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
ige > Kering SA	2.85	30.57	-33.43	Consumer Cyclical
Illumina Inc	2.54	33.11	-49.85	Healthcare
$\oplus$ Alibaba Group Holding Ltd Ordinary Shares	2.45	35.56	-17.44	Consumer Cyclical

#### Total Holdings 145

 $\oplus$  Increase  $\oplus$  Decrease R New to Portfolio

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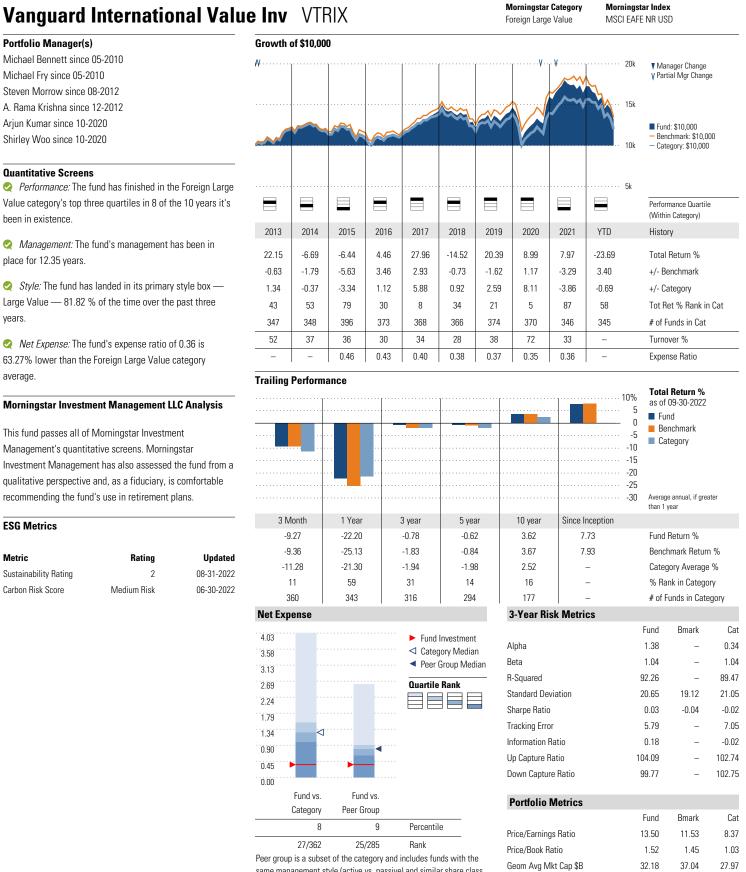


years.

average.

Metric

## Vanguard International Value Inv VTRIX



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

ROE

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37 04

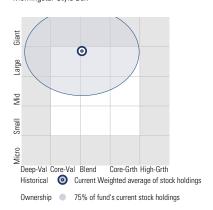
18.66

16.85

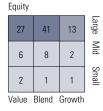
14.40

# Vanguard International Value Inv VTRIX

Style Analysis as of 09-30-2022 Morningstar Style Box™





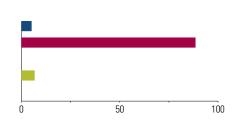


Weight %

<25

>50 25-50 10-25 0-10

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



### Sector Weighting as of 09-30-2022

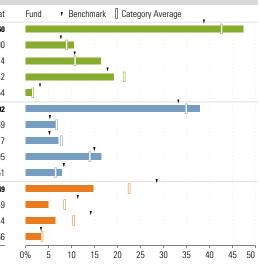
Asset Allocation as of 09-30-2022

		Fund	Bmark	Cat
Դ	Cyclical	47.36	38.61	42.60
<i>.</i>	Basic Materials	10.46	7.50	8.90
A	Consumer Cyclical	16.32	10.50	10.74
цф	Financial Services	19.15	17.65	21.42
ŵ	Real Estate	1.43	2.96	1.54
w	Sensitive	37.94	33.04	34.92
g	Communication Services	6.51	5.11	6.69
0	Energy	7.10	5.02	7.77
¢	Industrials	16.43	14.77	13.95
	Technology	7.90	8.14	6.51
-	Defensive	14.71	28.34	22.49
F	Consumer Defensive	4.98	11.17	8.49
٠	Healthcare	6.43	13.99	10.44
Ç	Utilities	3.30	3.18	3.56

Morningstar Index **Morningstar Category** Foreign Large Value

MSCI EAFE NR USD

Asset Class	Net %	Cat%
US Stocks	5.02	2.62
Non-US Stocks	88.42	95.07
Bonds	0.00	0.07
Cash	6.55	2.14
Other	0.00	0.09
Total	100.00	100.00



		Greater Asia	Fund % 37.94	Cat % 31.10	Americas	Fund % 11.87	Cat % 8.91	Greater Europe	Fund % 50.17	Cat % 59.99	Market Maturity	Fund %
<b>1</b>		Japan	10.41	17.03	North America	7.38	7.67	United Kingdom	16.07	18.32	Developed Markets	80.33
		Australasia	1.61	3.76	Central/Latin	4.49	1.24	W euro-ex UK	33.04	41.06	Emerging Markets	19.67
		Asia-4 Tigers	11.71	7.20				Emrgng Europe	0.00	0.09	Not Available	0.00
		Asia-ex 4 Tigers	14.21	3.11				Africa	1.06	0.52		
		Not Classified	0.00	0.00								
50-75	>75											

Top 10 Holdings as of 09-30-2022

25-50

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Mktliq 12/31/2049	4.85	4.85	_	_
$\oplus$ Alibaba Group Holding Ltd Ordinary Shares	1.44	6.29	-17.44	Consumer Cyclical
$\oplus$ HSBC Holdings PLC	1.38	7.67	8.99	Financial Services
$\oplus$ 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
$\oplus$ Novartis AG	1.30	12.99	-3.41	Healthcare
∋ Bank Bradesco SA ADR	1.27	14.26	20.01	Financial Services
	1.17	15.43	-6.19	Communication Svc
$\oplus$ BP PLC	1.12	16.55	35.18	Energy

## Total Holdings 238

 $\oplus$  Increase  $\oplus$  Decrease otin New to Portfolio

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## Vanguard Mid-Cap Value Index Admiral VMVAX

Portfolio Manager(s)

Donald Butler since 08-2006 Awais Khan since 07-2021

#### Quantitative Screens

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

*Management:* The fund's management has been in place for 16.13 years.

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

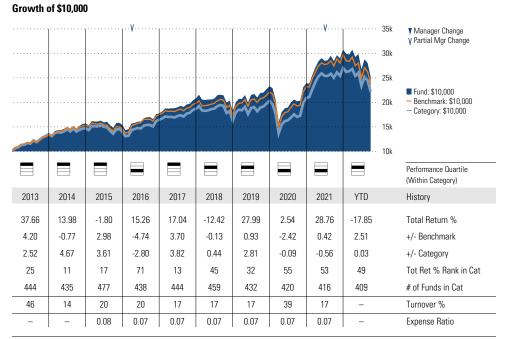
Net Expense: The fund's expense ratio of 0.07 is 92.93% lower than the Mid-Cap Value category average.

#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

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



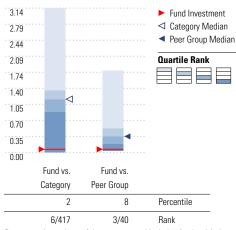
Morningstar Category

Mid-Cap Value

#### **Trailing Performance**



ROE



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

Cat Alpha 0.43 0.52 Beta 0.96 1 00 99.20 **R-Squared** 96.16 Standard Deviation 22.98 23.86 24 29 Sharpe Ratio 0.30 0 28 0.29 Tracking Error 2.28 5.16 Information Ratio 0.16 0.07 Up Capture Ratio 96.41 99.34 Down Capture Ratio 94.87 98.03

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 14 47 12 78 12 07 Price/Book Ratio 2.21 1.86 1.68 Geom Avg Mkt Cap \$B 22 20 14 50 11 80

20.49

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15.61

18.22

Morningstar Index

Russell Mid Cap Value TR USD

# Vanguard Mid-Cap Value Index Admiral VMVAX

Asset Allocation as of 09-30-2022

Sector Weighting as of 09-30-2022

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

0

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Energy

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Utilities 50

Fund

45.29

5.71

9.98

16.78

12.82

27.27

2.62

5.32

10.94

8.39

27.44

6.85

7.90

12.69

Bmark

46.07

5.87

10.16

17 84

12.20

33.19

3.59

5.26

14.35

9.99

20.72

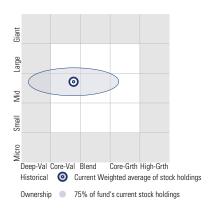
4.43

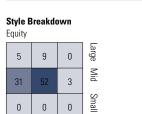
7.39

8.90

100

Style Analysis as of 09-30-2022 Morningstar Style Box™





0

0 0 Value Blend Growth

Weight %

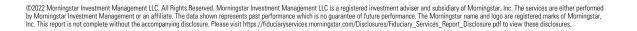
>50 25-50 10-25 0-10

#### Top 15 Holdings as of 09-30-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\ominus$ Corteva Inc	1.28	1.28	21.79	Basic Materials
$\ni$ Welltower OP LLC	1.20	2.48	-22.88	Real Estate
igodolog Arthur J. Gallagher & Co	1.15	3.63	1.82	Financial Services
∋ Nucor Corp	1.11	4.74	-4.96	Basic Materials
⊖ Dollar Tree Inc	1.09	5.82	-3.15	Consumer Defensive
$\ominus$ Consolidated Edison Inc	1.08	6.90	3.29	Utilities
$\ominus$ Carrier Global Corp Ordinary Shares	1.05	7.96	-33.89	Industrials
igodolog VICI Properties Inc Ordinary Shares	1.01	8.96	2.82	Real Estate
$\ni$ WEC Energy Group Inc	1.00	9.97	-5.62	Utilities
⇒ M&T Bank Corp	0.98	10.94	17.15	Financial Services
$\ominus$ International Flavors & Fragrances Inc	0.97	11.91	-38.12	Basic Materials
$\ominus$ Eversource Energy	0.93	12.84	-12.21	Utilities
$\ominus$ The Kroger Co	0.92	13.77	-1.83	Consumer Defensive
igodolog AvalonBay Communities Inc	0.92	14.68	-25.19	Real Estate
$\ominus$ Rockwell Automation Inc	0.91	15.59	-37.37	Industrials

#### Total Holdings 203

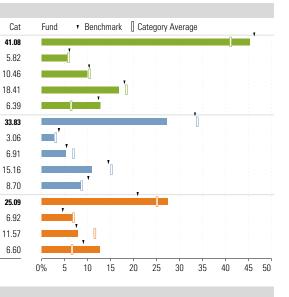
⊕ Increase ⊖ Decrease 🕸 New to Portfolio





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

Cash	0.62	2.46
Bonds	0.00	0.05
Non-US Stocks	1.67	6.72
US Stocks	97.71	90.50
Asset Class	Net %	Cat%



## Western Asset Core Bond IS WACSX

Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 15.76 years.

Style Consistency is not calculated for Fixed Income funds.

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

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022

Growth	Growth of \$10,000										
·····¥····			<b>v</b>		····¥·····	γ				15k	▼ Manager Change γ Partial Mgr Change
~~~										10k	<ul> <li>■ Fund: \$10,000</li> <li>─ Benchmark: \$10,000</li> <li>─ Category: \$10,000</li> </ul>
										5k	Performance Quartile (Within Category)
2013	2014	2015	2016	2017	2018	2019	2020	2021	YTD		History
-1.81 0.21	7.54 1.57	1.22 0.67	4.13 1.48	5.23 1.69	-0.67 -0.68	10.55 1.83	9.13 1.62	-1.80 -0.26	-18.74 -4.13		Total Return % +/- Benchmark
-0.39	2.36	1.48	0.90	1.52	-0.17	2.49	1.61	-0.32	-4.07		+/- Category
55	3	8	24	8	59	1	14	64	98		Tot Ret % Rank in Cat
549	486	499	462	461	440	447	434	441	457		# of Funds in Cat
147	93	85	81	102	115	125	159	72	-		Turnover %
_	-	0.44	0.43	0.42	0.42	0.42	0.42	0.42	-		Expense Ratio

#### **Trailing Performance**



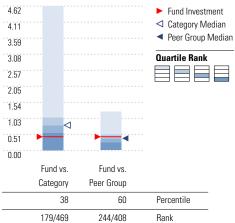
Alpha

Beta

R-Squared

Standard Deviation

Avg Eff Maturity



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

Sharpe Ratio -0.69 -0.70 -0.67 Tracking Error 2.25 1.53 Information Ratio -0.46 -0.06 Up Capture Ratio 126.38 104.83 Down Capture Ratio 128.54 102.46 **Portfolio Metrics** Fund Bmark Cat Avg Eff Duration 6.97 4 43 5.95

-0.27

1 23

92.38

6 85

12.76

0.06

1 00

91.94

5.61

8.08

5.36

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**Morningstar Category** Morningstar Index

Bloomberg US Agg Bond TR USD

Intermediate Core Bond

# Western Asset Core Bond IS WACSX

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



-50 0 50 100 150

# Sector Weighting as of 09-30-2022

Asset Allocation as of 09-30-2022

#### Morningstar Category Morn Intermediate Core Bond Bloom

Morningstar Index Bloomberg US Agg Bond TR USD

Total	100.00	100.00
Other	1.46	2.30
Cash	-2.53	2.71
Bonds	101.06	94.93
Non-US Stocks	0.00	0.00
US Stocks	0.00	0.05
Asset Class	Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	59.52	3.53	48.24
AA	7.43	74.59	11.54
А	13.57	10.82	24.71
BBB	16.24	8.32	12.75
BB	1.08	0.28	1.25
В	0.03	0.00	0.50
Below B	0.00	0.00	0.28
Not Rated	2.13	2.46	0.73

	Fund	Bmark	Cat	Fund	۲	Benchmark	Ca	itegory /	Average			
Government	25.81	-	30.91									
Treasury	24.83	-	24.98									
Inflation – Protected	0.00	-	1.47									
Agency/Quasi Agency	0.98	-	1.12									
Other Government Related	0.00	_	3.34	1	0							
Corporate	30.55	-	26.16						0			
Corporate Bond	29.22	-	24.80						0			
Bank Loan	0.00	-	0.05	[								
Convertible	1.33	-	1.27									
Preferred	0.00	_	0.04	0								
Securitized	38.09	-	34.55									
Agency MBS Pass-Through	21.20	_	22.81		-				0			
Agency MBS ARM	0.36	_	0.18	0								
Agency MBS CMO	1.98	_	2.43									
Non-Agency Residential MBS	1.46	-	0.20									
Commercial MBS	3.87	-	2.81									
Asset-Backed	9.22	-	6.12									
Covered Bond	0.00	-	0.00	ĺ								
Municipal	0.02	-	0.67	10								
Cash & Equivalents	5.04	-	5.99									
Other	0.49	-	1.74									
				0%	5	10	15	20	25	30	35	4(

## Top 10 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Trade Date Cash	-	6.60	6.60	_
United States Treasury Bonds 1.875%	_	4.97	11.56	-
🕀 Western Asset Prem Instl Govtt Rsrv Pref	_	3.47	15.03	-
igodoldoldoldoldoldoldoldoldoldoldoldoldol	-	2.20	17.23	-
🕀 Usd Swap Contra Asset	_	1.47	18.71	-
$\oplus$ Usd Otc Cash Margin	-	1.33	20.04	-
$\oplus$ Federal National Mortgage Association 3.5%	_	1.21	21.25	-
United States Treasury Bonds 2.375%	_	1.16	22.41	-
United States Treasury Notes 0.25%	05-2025	1.00	23.41	-
United States Treasury Bonds 1.625%	_	0.99	24.40	-

#### Total Holdings 2637

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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