## **Allspring Small Company Growth Inst** WSCGX

## Morningstar Category Small Growth

Morningstar Index

Russell 2000 Growth TR USD

#### Portfolio Manager(s)

Paul von Kuster since 11-1994 Daniel Hagen since 02-2003 William Grierson since 04-2005 Ryan Smith since 01-2021 Samuel Smith since 01-2021

#### **Quantitative Screens**

- Performance: The fund has finished in the Small Growth category's top three quartiles in 10 of the 10 years it's been in existence
- Management: The fund's management has been in place for 28.16 years.
- Style: The fund has landed in its primary style box Small Growth 100 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.94 is 21.01% lower than the Small Growth category average.

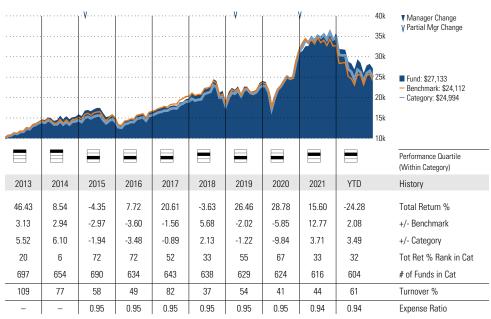
#### **Morningstar Investment Management LLC Analysis**

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022

#### Growth of \$10,000



#### **Trailing Performance Total Return %** 15% as of 12-31-2022 10 ■ Fund Benchmark 0 Category -10 -15 -20 -25 -30 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 yea 5 year Fund Return % 4.37 -24.28 4.07 6.56 10.50 9.98 4.13 -26.36 0.65 3.51 9.20 9.20 Benchmark Return % -27 77 4 05 6 60 10.20 4.18 Category Average %

43

405

49

534

		· · · · · · · · · · · · · · · · · · ·	
Net Exp	ense		
6.02			► Fund Investment
5.35			<ul> <li>Category Median</li> </ul>
4.68			<ul> <li>Peer Group Median</li> </ul>
4.01			Quartile Rank
3.34			
2.68			
2.01			
1.34	< 1		
0.67			
0.00			
	Fund vs.	Fund vs.	
(	Category	Peer Group	
	30	57	Percentile
	186/623	273/480	Rank

32

604

45

576

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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	3.38	_	2.83
Beta	0.91	_	0.95
R-Squared	93.47	_	91.46
Standard Deviation	25.09	26.57	26.53
Sharpe Ratio	0.25	0.12	0.22
Tracking Error	6.82	_	7.92
Information Ratio	0.50	-	0.35
Up Capture Ratio	97.27	-	101.46
Down Capture Ratio	87.93	-	94.05

% Rank in Category

# of Funds in Category

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.38	13.28	21.13
Price/Book Ratio	2.84	3.39	3.57
Geom Avg Mkt Cap \$B	3.72	2.51	4.52
ROE	7.90	12.50	12.24



51

617

# Allspring Small Company Growth Inst WSCGX

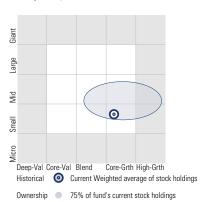
# Morningstar Category Small Growth

Morningstar Index

Russell 2000 Growth TR USD

#### Style Analysis as of 12-31-2022

Morningstar Style Box™



#### Style Breakdown

Equity

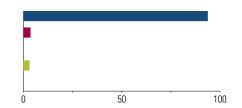
0	0	2	Large
2	11	7	Mid
9	37	32	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

#### Asset Allocation as of 12-31-2022



Total	100.00	100.00
Other	0.00	0.76
Cash	2.92	2.51
Bonds	0.00	0.01
Non-US Stocks	3.44	4.22
US Stocks	93.64	92.50
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund		▼ Ben	chmarl	( [ C	ategory	/ Avera	ge		
٠	Cyclical	22.96	22.65	25.63										
ì.	Basic Materials	5.21	4.78	2.79										
	Consumer Cyclical	8.46	9.82	11.03			<b>-</b> [							
٩	Financial Services	8.55	5.84	9.28		: V								
à	Real Estate	0.74	2.21	2.53										
Ųľ	Sensitive	45.93	47.52	46.46									[	•
	Communication Services	0.25	2.15	1.84	1 [		_							
	Energy	2.19	7.42	4.36			۲							
<b>3</b>	Industrials	17.52	17.17	17.68										
1	Technology	25.97	20.78	22.58										
+	Defensive	31.11	29.82	27.91										
Ţ	Consumer Defensive	5.42	4.88	4.70		ď								
ì	Healthcare	25.69	23.09	22.23			- :							
2	Utilities	0.00	1.85	0.98	i[									

#### 

#### Total Holdings 0

⊕ Increase ⊕ Decrease ☼ New to Portfolio



## American Century Mid Cap Value I AVUAX

Morningstar Category
Mid-Cap Value

Morningstar Index

Russell Mid Cap Value TR USD

#### Portfolio Manager(s)

Michael Liss since 03-2004 Kevin Toney since 08-2008 Brian Woglom since 02-2012 Nathan Rawlins since 03-2022

#### **Quantitative Screens**

✓ Performance: The fund has finished in the Mid-Cap
Value category's top three quartiles in 8 of the 10 years it's been in existence.

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

Net Expense: The fund's expense ratio of 0.77 is 21.43% lower than the Mid-Cap Value category average.

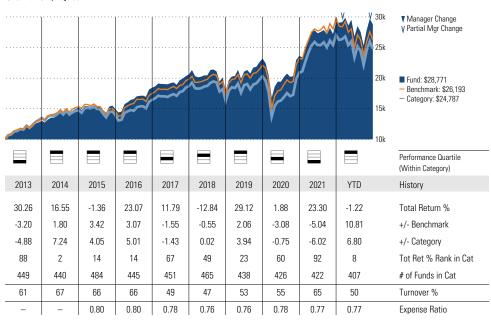
#### **Morningstar Investment Management LLC Analysis**

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Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
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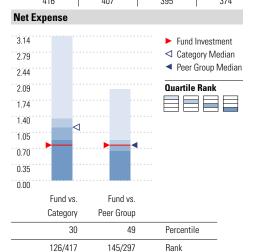
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	01-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

#### Growth of \$10,000

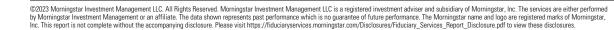


#### **Trailing Performance Total Return %** as of 12-31-2022 Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 yea 5 year 13.68 -1.22 7.46 6.91 11.15 10.20 Fund Return % 10.45 -12.03 5.82 5.72 10.11 11.21 Benchmark Return % 11.81 -8 N2 6.82 9 58 5.96 Category Average % 18 8 43 30 10 % Rank in Category 416 407 395 374 274 # of Funds in Category



3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	2.06	_	0.86
Beta	0.84	_	0.99
R-Squared	96.37	_	95.83
Standard Deviation	21.24	24.79	25.07
Sharpe Ratio	0.40	0.32	0.35
Tracking Error	5.64	_	5.36
Information Ratio	0.29	_	0.13
Up Capture Ratio	87.94	_	98.80
Down Capture Ratio	81.31	-	96.45

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.92	13.97	12.92
Price/Book Ratio	2.04	2.06	1.88
Geom Avg Mkt Cap \$B	16.70	16.01	12.31
ROE	15.93	15.78	17.41





# American Century Mid Cap Value I AVUAX

#### **Morningstar Category** Morningstar Index Mid-Cap Value

Russell Mid Cap Value TR USD

## Style Analysis as of 12-31-2022

Morningstar Style Box™



## Style Breakdown

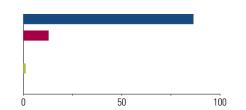
Equity

11	11	4	Large
32	26	1	Mid
5	9	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 12-31-2022

Total	100.00	100.00
Other	0.00	0.40
Cash	0.97	2.42
Bonds	0.00	0.01
Non-US Stocks	12.66	6.46
US Stocks	86.37	90.71
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Func	l	▼ Ben	chmark	[] Ca	ategory	Avera	ge	_	
وا	Cyclical	38.07	45.64	42.06									'	
à.	Basic Materials	2.25	6.13	5.40		0								
	Consumer Cyclical	7.08	10.44	11.17										
<u></u>	Financial Services	20.11	17.74	19.04										
à	Real Estate	8.63	11.33	6.45			• '							
Ųľ	Sensitive	29.64	33.31	34.28		_								
	Communication Services	2.57	3.29	3.07										
	Energy	4.23	5.54	6.21				<u>.</u>						
ž	Industrials	16.39	14.82	16.35										
3	Technology	6.45	9.66	8.65										
+	Defensive	32.29	21.05	23.65										
Ţ	Consumer Defensive	9.04	4.43	6.57										
1	Healthcare	14.12	7.55	10.58										
1	Utilities	9.13	9.07	6.50										

<b>Top 15 Holdings</b> as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	3.04	3.04	3.52	Healthcare
⊕ Northern Trust Corp	2.75	5.79	-23.59	Financial Services
⊕ Bank of New York Mellon Corp	2.59	8.38	-19.18	Financial Services
⊕ Edison International	2.16	10.54	-2.63	Utilities
	2.14	12.68	18.15	Financial Services
⊕ Spire Inc	1.99	14.66	9.84	Utilities
⊕ Koninklijke Ahold Delhaize NV	1.91	16.58	-8.77	Consumer Defensive
⊕ Oshkosh Corp	1.86	18.44	-20.44	Industrials
○ Conagra Brands Inc	1.84	20.28	17.09	Consumer Defensive
⊕ Truist Financial Corp	1.74	22.02	-23.09	Financial Services
Southwest Airlines Co	1.68	23.69	-21.41	Industrials
⊕ NorthWestern Corp	1.64	25.33	8.22	Utilities
	1.63	26.96	3.02	Healthcare
⊕ Dollar Tree Inc	1.59	28.54	0.65	Consumer Defensive
Packaging Corp of America	1.58	30.12	-2.56	Consumer Cyclical

**Total Holdings** 101

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



## American Funds American Balanced R6 RLBGX

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

Fauity

Morningstar US Mod Tgt Alloc NR USD

#### Portfolio Manager(s)

Hilda Applbaum since 01-1999

Alan Berro since 03-2006

Jeffrey Lager since 03-2011

Paul Benjamin since 07-2014

Anne-Marie Peterson since 10-2015

Alan Wilson since 01-2016

John Queen since 07-2016

Pramod Atluri since 03-2018

Mark Casey since 10-2019

Ritchie Tuazon since 10-2020

Jin Lee since 03-2023

Chit Purani since 03-2023

#### **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 24.01 years.

Net Expense: The fund's expense ratio of 0.25 is
 75.96% lower than the Allocation-50% to 70% Equity
 category average.

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022





0.27

0.26

0.25

3-Year Risk Metrics

0.25

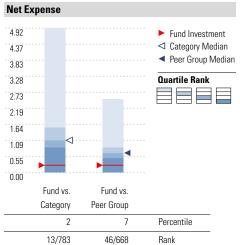
Expense Ratio

0.28

0.28

0.29

0.29



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

	Fund	Bmark	Cat
Alpha	1.66	-	0.04
Beta	0.95	-	1.01
R-Squared	96.84	-	94.21
Standard Deviation	13.31	13.72	14.31
Sharpe Ratio	0.33	0.21	0.20
Tracking Error	2.45	-	3.33
Information Ratio	0.65	-	-0.02
Up Capture Ratio	102.39	-	100.97
Down Capture Ratio	94.19	_	101.15

Portfolio Metrics									
	Fund	Bmark	Cat						
Price/Earnings Ratio	16.17	16.24	17.39						
Price/Book Ratio	3.25	2.63	3.04						
Avg Eff Duration	6.16	6.45	5.29						

# American Funds American Balanced R6 RLBGX

Morningstar Category Allocation--50% to 70%

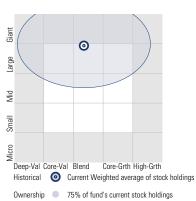
Equity

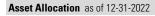
Morningstar Index

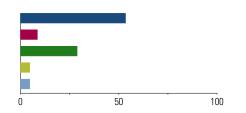
Morningstar US Mod Tgt Alloc NR USD

Style Analysis as of 12-31-2022

Morningstar Style Box™







Total	100.00	100.00
Other	4.64	3.51
Cash	4.63	6.22
Bonds	28.76	34.07
Non-US Stocks	8.55	9.75
US Stocks	53.42	46.45
Asset Class	Net %	Cat%

Sty	le	Breakdow	/n
_			





vveigr	1t %		
>50	25-50	10-25	0-10

Fixed Ir	come		Quality H: gh
			h Mid
			Low
Ltd Duratio	Mod	Ext	J

		Fund	Bmark	Cat	Fund	ļ <b>7</b>	Bench	mark	Categ	jory Ave	erage	_	
Ն	Cyclical	27.33	32.81	31.62									
A.	Basic Materials	3.91	3.99	3.72									
<b>A</b>	Consumer Cyclical	8.68	10.16	10.21			<b>–</b> [						
ê	Financial Services	11.67	15.27	15.09				ľ					
æ	Real Estate	3.07	3.39	2.60		ľ							_
M	Sensitive	40.23	42.44	42.48									
	Communication Services	5.84	6.46	6.62									
ð	Energy	8.43	5.34	5.50									
Ф	Industrials	9.56	10.77	10.59					<u>.</u>				
	Technology	16.40	19.87	19.77					ď	<u>:</u>			
<b>→</b>	Defensive	32.44	24.73	25.91									
=	Consumer Defensive	11.78	7.41	7.08			<b>'</b>						
٠	Healthcare	18.66	14.20	15.59									
•	Utilities	2.00	3.12	3.24		i							

<b>Top 10 Holdings</b> as of 12-31-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	_	7.80	7.80	_	_
⊖ Cap Grp Cent Fd Ser Ii	_	4.53	12.33	_	-
	-	3.34	15.67	-27.94	Technology
🕸 Cash And Other Assets Less Liablities	-	3.30	18.98	_	-
⊕ Broadcom Inc	-	2.74	21.71	-13.43	Technology
─ UnitedHealth Group Inc	_	2.54	24.25	6.86	Healthcare
→ Philip Morris International Inc	-	2.14	26.40	11.84	Consumer Defensive
→ Pfizer Inc	-	1.67	28.07	-10.52	Healthcare
⊕ The Home Depot Inc	_	1.50	29.57	-22.06	Consumer Cyclical
⊕ JPMorgan Chase & Co	_	1.30	30.87	-12.79	Financial Services

#### **Total Holdings 2176**

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



## American Funds Growth Fund of Amer R6 RGAGX

Morningstar Category Large Growth

Morningstar Index

Russell 1000 Growth TR USD

#### Portfolio Manager(s)

Donald O'Neal since 11-1993

J. Frank since 11-2001

Lawrence Solomon since 05-2010

Martin Romo since 11-2010

Carl Kawaja since 11-2010

Mark Casey since 11-2012

Alan Wilson since 11-2012

Anne-Marie Peterson since 07-2013

Christopher Buchbinder since 11-2013

Joanna Jonsson since 03-2016

Alex Popa since 10-2016

Andraz Razen since 03-2020

Julian Abdey since 11-2021

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 29.18 years.

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

Net Expense: The fund's expense ratio of 0.3 is 68.75% lower than the Large Growth category average.

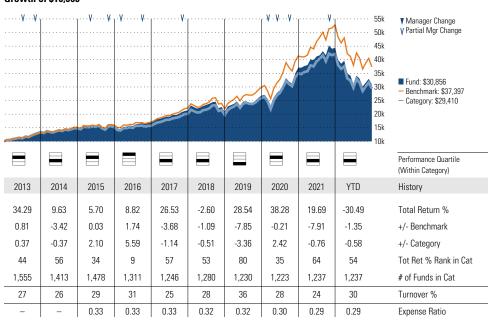
#### **Morningstar Investment Management LLC Analysis**

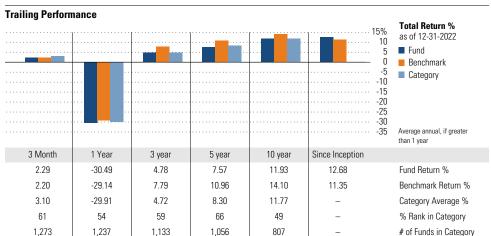
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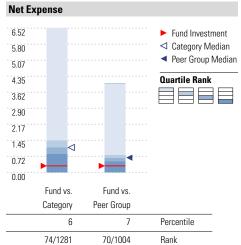
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	1	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	04-07-2022

#### Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-2.42	_	-2.73
Beta	0.94	_	0.97
R-Squared	95.88	_	93.03
Standard Deviation	22.77	23.80	24.00
Sharpe Ratio	0.28	0.39	0.27
Tracking Error	4.86	_	6.26
Information Ratio	-0.62	_	-0.62
Up Capture Ratio	84.41	_	89.56
Down Capture Ratio	90.47	-	97.48

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	18.43	24.23	23.83
Price/Book Ratio	3.93	8.23	6.53
Geom Avg Mkt Cap \$B	99.09	222.04	263.75
ROE	25.36	41.41	37.70



## American Funds Growth Fund of Amer R6 RGAGX

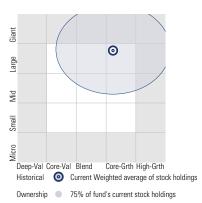
# Morningstar Category Large Growth

## Morningstar Index

## Russell 1000 Growth TR USD

## Style Analysis as of 12-31-2022

Morningstar Style Box™



## Style Breakdown

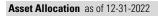
Equity

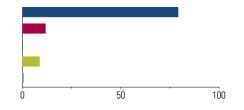
10	23	41	raige
4	9	10	IVIIO
1	1	1	ollidii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.49	0.80
Cash	8.62	1.70
Bonds	0.12	0.02
Non-US Stocks	11.64	4.43
US Stocks	79.13	93.06
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-3	31-2022			
		Fund	Bmark	Cat	Fund • Benchmark Category Average
Դ	Cyclical	29.80	23.90	28.54	
A	Basic Materials	3.16	1.27	1.48	
A	Consumer Cyclical	17.23	13.83	15.14	
<b>P</b>	Financial Services	9.22	7.14	10.27	
<b>fi</b>	Real Estate	0.19	1.66	1.65	
W	Sensitive	47.96	55.91	50.56	
	Communication Services	9.65	6.69	8.92	
•	Energy	5.88	1.71	2.20	
Ф	Industrials	10.82	8.50	6.49	
	Technology	21.61	39.01	32.95	
<b>-</b>	Defensive	22.23	20.18	20.90	
Ħ	Consumer Defensive	3.53	6.72	4.26	
٠	Healthcare	17.52	13.40	16.09	
•	Utilities	1.18	0.06	0.55	<u> </u>
					0% 5 10 15 20 25 30 35 40 45 50 55 60

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	8.75	8.75	_	_
	5.48	14.23	-27.94	Technology
→ UnitedHealth Group Inc	3.40	17.63	6.86	Healthcare
⊕ Broadcom Inc	2.67	20.30	-13.43	Technology
⊕ Amazon.com Inc	2.37	22.67	-49.62	Consumer Cyclical
	2.04	24.70	-64.22	Communication Svc
Netflix Inc	1.91	26.61	-51.05	Communication Svc
⇒ Alphabet Inc Class C	1.87	28.48	-38.67	Communication Svc
	1.61	30.10	-2.68	Financial Services
∃ Tesla Inc     ■ Tes	1.52	31.62	-65.03	Consumer Cyclical
⊕ General Electric Co	1.35	32.97	-10.97	Industrials
	1.26	34.23	-17.29	Healthcare
	1.23	35.46	-39.09	Communication Svc
⊕ Eli Lilly and Co	1.15	36.61	33.86	Healthcare
Carrier Global Corp Ordinary Shares	1.13	37.74	-22.78	Industrials

Total Holdings 370

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



## American Funds Intl Gr and Inc R6 RIGGX

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

#### Portfolio Manager(s)

Steven Watson since 10-2008 Andrew Suzman 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 14.26 years.
- Net Expense: The fund's expense ratio of 0.54 is 39.33% lower than the Foreign Large Blend category average.

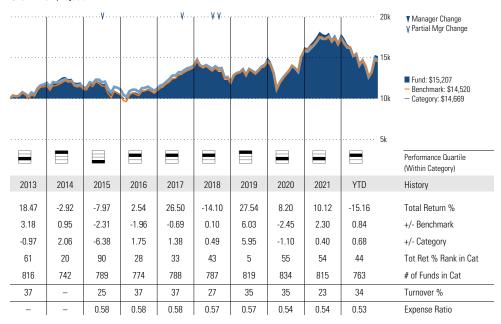
#### **Morningstar Investment Management LLC Analysis**

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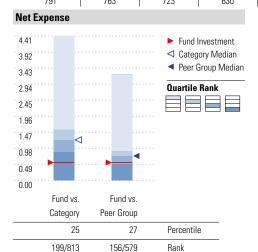
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

#### Growth of \$10,000







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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.52	_	0.80
Beta	1.08	_	1.03
R-Squared	96.75	_	94.10
Standard Deviation	21.51	19.53	20.67
Sharpe Ratio	0.08	0.06	0.09
Tracking Error	4.20	-	5.04
Information Ratio	0.07	-	0.14
Up Capture Ratio	109.15	_	106.74
Down Capture Ratio	107.66	-	104.08

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	13.31	11.94	12.68
Price/Book Ratio	1.71	1.58	1.72
Geom Avg Mkt Cap \$B	45.50	39.70	47.23
ROE	20.43	18.39	20.83



## American Funds Intl Gr and Inc R6 RIGGX

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

## Style Analysis as of 12-31-2022

Morningstar Style Box™



## Style Breakdown

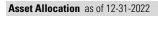
Equity

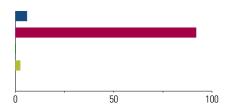
. ,			
29	31	24	Large
4	5	5	Mid
1	1	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	1.19
Cash	2.33	1.20
Bonds	0.08	0.21
Non-US Stocks	91.84	94.64
US Stocks	5.76	2.74
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	1	Bench	mark	Cateo	jory Ave	erage		_
<b>Դ</b>	Cyclical	37.80	42.57	39.16									•
A.	Basic Materials	6.77	8.36	7.62									
<b>A</b>	Consumer Cyclical	11.06	10.81	10.55		•							
	Financial Services	18.33	20.80	18.85					<b>=</b> []				
<b>fi</b>	Real Estate	1.64	2.60	2.14									
₩.	Sensitive	35.82	35.51	35.36									
	Communication Services	6.22	6.32	5.22									
ð	Energy	7.94	6.11	5.65									
Ф	Industrials	11.52	12.12	14.57			<u> </u>						
	Technology	10.14	10.96	9.92									
<b>→</b>	Defensive	26.38	21.90	25.48									
Ħ	Consumer Defensive	12.72	8.69	10.07									
+	Healthcare	10.65	10.00	12.47									
0	Utilities	3.01	3.21	2.94		'							

#### World Regions % Equity 12-31-2022



Greater Asia	78.83	Cat % 35.26
Japan	7 43	18.06
Australasia	0.44	5.40
Asia-4 Tigers	11.63	6.66
Asia-ex 4 Tigers	9.33	5.14
Not Classified	0.00	0.00

Americas	Fund % 14.47	Cat % 8.84	Greater Europe	Fund % 56.70	Cat % 55.90	Market Maturity	Fund %
North America	10.14	7.61	United Kingdom	14.34	13.78	Developed Markets	85.71
Central/Latin	4.33	1.23	W euro-ex UK	41.28	40.87	Emerging Markets	14.29
			Emrgng Europe	0.32	0.06	Not Available	0.00
			Africa	0.76	1.19		

<b>Top 10 Holdings</b> as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
AstraZeneca PLC	3.49	3.49	25.11	Healthcare
○ Capital Group Central Cash M	2.57	6.06	_	-
→ British American Tobacco PLC	2.56	8.62	28.91	Consumer Defensive
☐ Taiwan Semiconductor Manufacturing Co Ltd	2.52	11.14	-25.28	Technology
Novo Nordisk A/S Class B	2.24	13.37	29.55	Healthcare
⊕ Philip Morris International Inc	2.20	15.57	11.84	Consumer Defensive
Airbus SE	2.03	17.60	0.80	Industrials
⊕ ASML Holding NV	1.97	19.57	-28.16	Technology
⊕ TotalEnergies SE	1.85	21.42	39.64	Energy
⊕ AIA Group Ltd	1.49	22.91	17.53	Financial Services

#### Total Holdings 254

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



## American Funds New World R6 RNWGX

Morningstar CategoryMorningstar IndexDiversified Emerging MktsMSCI EM NR USD

#### Portfolio Manager(s)

Carl Kawaja since 06-1999
Robert Lovelace since 06-1999
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 23.56 years.
- Style: The fund has landed in its primary style box Large Growth — 100 % of the time over the past three years.
- ◆ Net Expense: The fund's expense ratio of 0.57 is

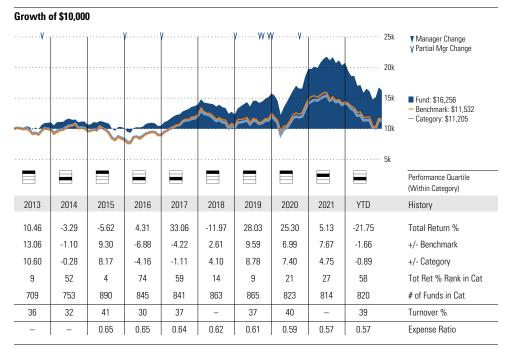
  50.43% lower than the Diversified Emerging Mkts category
  average.

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

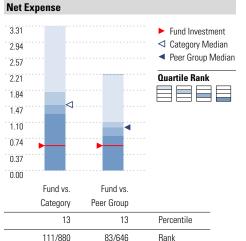
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022







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

o rour mon montos			
	Fund	Bmark	Cat
Alpha	3.65	_	0.18
Beta	0.90	_	1.00
R-Squared	82.26	_	88.98
Standard Deviation	20.37	20.55	21.86
Sharpe Ratio	0.11	-0.07	-0.06
Tracking Error	8.83	_	7.01
Information Ratio	0.42	_	-0.06
Up Capture Ratio	102.25	_	102.04
Down Capture Ratio	88.61	_	102.20

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	16.62	10.62	11.64
Price/Book Ratio	2.75	1.56	1.80
Geom Avg Mkt Cap \$B	52.53	33.24	38.67
ROE	22.44	17.19	18.44

D 44 11 B4 4 1





## American Funds New World R6 RNWGX

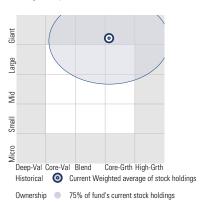
#### Morningstar Index **Morningstar Category** Diversified Emerging Mkts MSCI EM NR USD

100.00

100.00

#### Style Analysis as of 12-31-2022

Morningstar Style Box™



#### Style Breakdown

Equity

. ,			
14	31	41	Large
3	5	6	Mid
0	1	0	Small

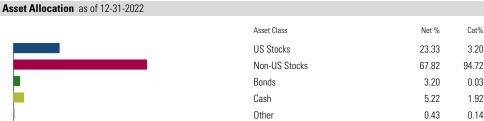
Value Blend Growth

Weight %

>50 25-50 10-25 0-10



50



Total

100

		Fund	Bmark	Cat	Fund	▼ Ben	chmark	: [] Ca	ategory	Avera	ge		_	
b	Cyclical	40.45	46.30	45.30										
	Basic Materials	9.44	8.87	6.83		ď								
<b>P</b>	Consumer Cyclical	12.52	13.30	14.15			ı <u>"</u> []							
ê	Financial Services	16.73	22.17	22.56										
b	Real Estate	1.76	1.96	1.76										
NF	Sensitive	35.96	40.06	40.12								į		
	Communication Services	5.02	10.43	8.52										
•	Energy	5.22	5.05	5.06										
<b>‡</b>	Industrials	10.77	5.87	6.10										
1	Technology	14.95	18.71	20.44				•						
+	Defensive	23.60	13.65	14.57										
Ę	Consumer Defensive	6.85	6.29	7.69										
1	Healthcare	14.54	4.38	5.06										
?	Utilities	2.21	2.98	1.82										

#### World Regions % Equity 12-31-2022



Greater Asia	Fund % 39.06	Cat % 74.74
Japan	2.68	0.09
Australasia	0.68	0.05
Asia-4 Tigers	7.33	24.78
Asia-ex 4 Tigers	28.37	49.82
Not Classified	0.00	0.00

Americas	Fund % 36.28	Cat % 14.72	Greater Europe	Fund % 24.67	Cat % 10.53	Market Maturity	Fund %
North America	27.26	3.11	United Kingdom	2.75	0.66	Developed Markets	60.61
Central/Latin	9.02	11.61	W euro-ex UK	19.48	1.79	Emerging Markets	39.39
			Emrgng Europe	0.24	1.33	Not Available	0.00
			Africa	2.20	6.75		

<b>Top 10 Holdings</b> as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	5.06	5.06		_
	2.68	7.74	-27.94	Technology
⊕ Novo Nordisk A/S Class B	2.06	9.79	29.55	Healthcare
Kotak Mahindra Bank Ltd	2.02	11.81	1.73	Financial Services
Reliance Industries Ltd	1.92	13.73	7.86	Energy
Taiwan Semiconductor Manufacturing Co Ltd	1.78	15.51	-25.28	Technology
AIA Group Ltd	1.52	17.04	17.53	Financial Services
Airbus SE	1.43	18.47	0.80	Industrials
○ LVMH Moet Hennessy Louis Vuitton SE	1.38	19.85	-4.83	Consumer Cyclical
⊕ Thermo Fisher Scientific Inc	1.30	21.15	-17.29	Healthcare

#### **Total Holdings 577**

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



## Eaton Vance Income Fund of Boston I EIBIX

Morningstar Category High Yield Bond Morningstar Index

ICE BofA US High Yield TR USD

#### Portfolio Manager(s)

Stephen Concannon since 11-2014 Jeffrey Mueller since 06-2019 Kelley Baccei Gerrity since 06-2019

#### **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 8.16 years.

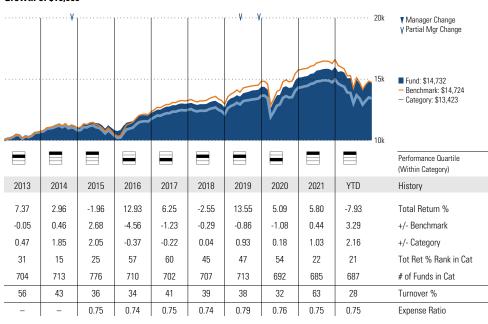
Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.75 is 15.73% lower than the High Yield Bond category average.

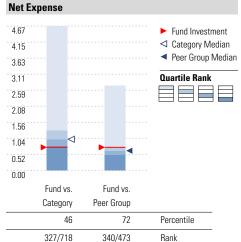
#### **Morningstar Investment Management LLC Analysis**

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

## Growth of \$10,000







3-Year hisk wetrics			
	Fund	Bmark	Cat
Alpha	0.94	_	-0.09
Beta	0.91	_	0.94
R-Squared	98.88	_	94.99
Standard Deviation	10.30	11.25	10.89
Sharpe Ratio	0.04	-0.04	-0.04
Tracking Error	1.49	_	2.51
Information Ratio	0.68	_	-0.11
Up Capture Ratio	93.26	_	92.06
Down Capture Ratio	85.84	_	93.01

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	4.16	-	3.39
Avg Eff Maturity	5.48	-	4.98



## Eaton Vance Income Fund of Boston I EIBIX

Morningstar CategoryMorningsHigh Yield BondICE BofA I

Morningstar Index ICE BofA US High Yield TR USD

Style Analysis as of 12-31-2022
Style Breakdown
Fixed Income
Quality

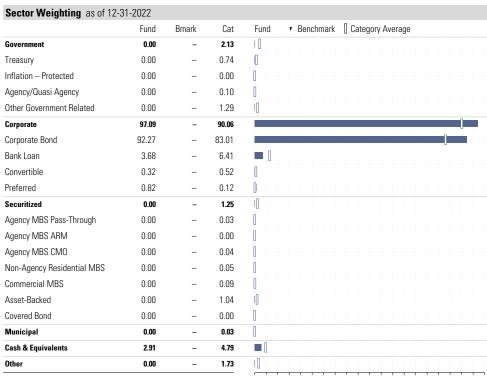
G

V V

Ltd Mod Ext Duration



Credit Rating Breakdown	Fund	Bmark	Cat
AAA	0.00	_	2.58
AA	0.00	_	0.16
A	0.00	_	0.28
BBB	5.76	_	5.54
BB	43.04	_	38.26
В	37.37	_	37.21
Below B	10.65	_	12.21
Not Rated	3.19	_	3.75



0% 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 9**5**00

 $\textbf{Top 0 Holdings} \ \ \text{as of 12-31-2022}$ 

Name Maturity Date % Net Asset Cumulative % Fixed Income Sector

Total Holdings 0

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



Morningstar Category Commodities Broad Basket

117

1.04

114

106

1.04

## Morningstar Index

# of Funds in Cat

Turnover %

Expense Ratio

## Bloomberg Commodity TR USD

#### Portfolio Manager(s)

Chris Devine since 11-2010 Christian Ulrich since 11-2010 Mark Ahnrud since 11-2010 Scott Hixon since 11-2010 Scott Wolle since 11-2010

#### **Quantitative Screens**

× Performance: The fund has finished in the Commodities Broad Basket category's top three quartiles in 6 of the 10 years it's been in existence.

Invesco Balanced-Risk Commodity Strat R6 IBRFX

158

47

146

21

174

17

1.05

148

98

1.13

141

10

1.08

129

96

1.01

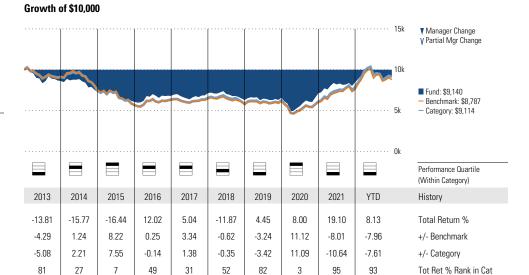
Management: The fund's management has been in place for 12.09 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 1.11 is 5.71% higher than the Commodities Broad Basket category average.

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

Invesco Balanced-Risk Commodity Strategy has lagged competitors significantly during the commodity resurgence of the past year. That is to be expected given the relatively limited energy exposure that is consistent with the fund's strategy. However, relative results have been worse than we would expect even allowing for a sizable energy underweight. We are placing the fund on watch while we observe how it progresses and assess the fund's ability to get back to results that are conisstent with expectations.



133

9

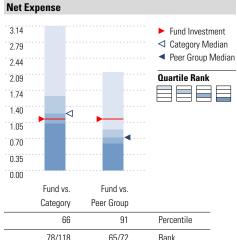
1.01

126

186

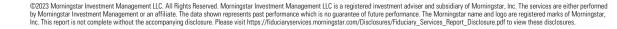
1.06





2-1 cai mok memes			
	Fund	Bmark	Cat
Alpha	0.85	_	0.33
Beta	0.86	_	1.03
R-Squared	79.73	_	85.73
Standard Deviation	18.02	18.64	21.05
Sharpe Ratio	0.65	0.69	0.67
Tracking Error	8.50	_	7.78
Information Ratio	-0.12	_	0.09
Up Capture Ratio	87.07	_	102.74
Down Capture Ratio	84.84	_	103.18

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

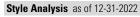




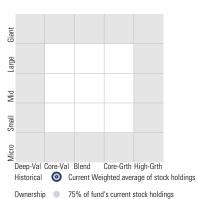
# Invesco Balanced-Risk Commodity Strat R6 IBRFX

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

Morningstar Index



Morningstar Style Box™



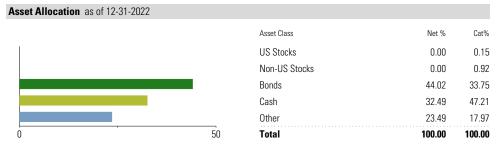
#### Style Breakdown

Equity



Weight %

>50 25-50 10-25 0-10



		Fund	Bmark	Cat	Fund	▼ Be	nchma	ark [	Cate	gory Av	verage		
Դ	Cyclical	-	_	44.68									
A.	Basic Materials	_	_	44.68									
A	Consumer Cyclical	_	_	0.00	ĺ								
æ	Financial Services	_	_	0.00									
侖	Real Estate	_	_	0.00									
W	Sensitive	-	-	51.07									
	Communication Services	_	_	0.00	Ò								
•	Energy	_	_	48.94									
Ф	Industrials	_	_	2.13									
	Technology	_	_	0.00	ĺ								
<b>-</b>	Defensive	-	-	4.26									
Ħ	Consumer Defensive	_	_	4.26									
+	Healthcare	_	_	0.00									
P	Utilities	_	_	0.00	ĺ								

## **Top 0 Holdings** as of 12-31-2022

Name

% Net Asset

Cumulative %

YTD Return %

Morningstar Sector

#### Total Holdings 0

⊕ Increase ⊕ Decrease 🕸 New to Portfolio

## Metropolitan West Total Return Bd I MWTIX

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

#### Portfolio Manager(s)

Laird Landmann since 03-1997 Stephen Kane since 03-1997 Bryan Whalen since 12-2004

#### **Quantitative Screens**

Performance: The fund has finished in the Intermediate
 Core-Plus Bond 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 25.77 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.44 is 40.54% lower than the Intermediate Core-Plus Bond category average.

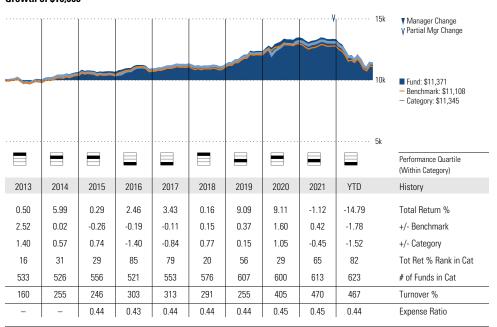
#### **Morningstar Investment Management LLC Analysis**

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

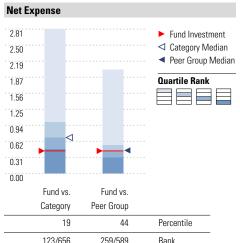
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023

#### Growth of \$10,000







3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	0.25	_	0.42
Beta	1.10	_	1.04
R-Squared	98.45	_	80.21
Standard Deviation	6.50	5.85	6.92
Sharpe Ratio	-0.53	-0.58	-0.46
Tracking Error	1.00	-	3.09
Information Ratio	-0.05	_	0.09
Up Capture Ratio	111.09	_	116.52
Down Capture Ratio	108.19	_	108.79

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.82	4.43	6.10
Avg Eff Maturity	8.36	-	8.51



Duration

# Metropolitan West Total Return Bd I MWTIX

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

Style Analysis as of 12-31-2022
Style Breakdown
Fixed Income

Quality

High

Aid

Ltd Mod Ext

-50	0	50	100	150

Asset Allocation as of 12-31-2022

Total	100.00	100.00
Other	0.00	-1.94
Cash	-13.94	-1.93
Bonds	113.84	103.83
Non-US Stocks	0.00	0.00
US Stocks	0.09	0.02
Asset Class	Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	54.17	3.53	49.80
AA	6.06	74.59	5.85
A	13.33	10.82	11.84
BBB	17.33	8.32	19.67
BB	3.43	0.28	5.52
В	1.62	0.00	2.31
Below B	3.97	0.00	1.04
Not Rated	0.09	2.46	3.97

	Fund	Descrit:	Cat	Fund	- D	nchmark	II Coto :	A., a.a		
_		Bmark		Fund	. Rei	icnmark	ll Categ	ory Average	 	
Government	29.41	-	26.73			:			 -	
Treasury	26.62	_	18.70		:	:		_(		
Inflation – Protected	0.19	-	0.30	į)						
Agency/Quasi Agency	2.30	_	0.64							
Other Government Related	0.30	_	7.09	ļ						
Corporate	32.42	_	29.49							
Corporate Bond	30.44	-	28.87							
Bank Loan	1.98	_	0.25							
Convertible	0.00	_	0.06	Ö						
Preferred	0.00	_	0.31							
Securitized	32.36	-	31.61							
Agency MBS Pass-Through	16.98	_	15.89							
Agency MBS ARM	0.00	_	0.07							
Agency MBS CMO	0.98	_	1.10							
Non-Agency Residential MBS	4.65	_	0.30	0						
Commercial MBS	0.03	_	1.82	[ ]						
Asset-Backed	9.72	_	12.43		:					
Covered Bond	0.00	_	0.00							
Municipal	0.64	-	0.90							
Cash & Equivalents	3.38	_	4.54		0					
Other	1.80	_	6.74		- [					

<b>Top 0 Holdings</b> as of 12-31-2022				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector

Total Holdings 0

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



## MFS Global Equity R4 MWELX

#### Morningstar Category Global Large-Stock Blend

Morningstar Index MSCI ACWI NR USD

#### Portfolio Manager(s)

Roger Morley since 10-2009 Ryan McAllister since 09-2016

#### Quantitative Screens

Performance: The fund has finished in the Global Large-Stock 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 13.26 years.

Net Expense: The fund's expense ratio of 0.88 is
 11.11% lower than the Global Large-Stock Blend category average.

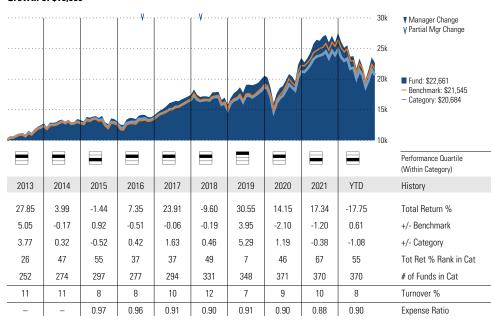
#### **Morningstar Investment Management LLC Analysis**

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.

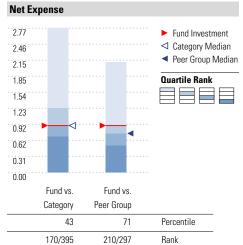
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022

#### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 12-31-2022 10 ■ Fund Benchmark 0 Category -5 -10 -15 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 yea 5 year Fund Return % 13.48 -17.753.28 5.39 8.52 7.93 9.76 -18.36 4.00 5.23 7.98 5.39 Benchmark Return % 10.52 -16 67 4 08 7 87 4 91 Category Average % 11 55 63 40 37 % Rank in Category 390 370 340 290 180 # of Funds in Category



3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.70	_	0.08
Beta	1.04	_	0.97
R-Squared	95.84	_	94.06
Standard Deviation	21.47	20.14	20.17
Sharpe Ratio	0.22	0.25	0.24
Tracking Error	4.47	_	4.85
Information Ratio	-0.16	_	-0.02
Up Capture Ratio	107.32	_	98.24
Down Capture Ratio	110.53	-	98.49

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	21.20	15.37	16.22
Price/Book Ratio	2.96	2.37	2.51
Geom Avg Mkt Cap \$B	74.78	87.09	70.43
ROE	22.00	25.56	24.69

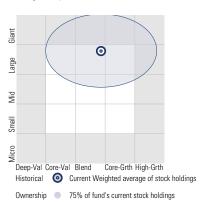


# MFS Global Equity R4 MWELX

## Morningstar CategoryMorningstar IndexGlobal Large-Stock BlendMSCI ACWI NR USD

#### Style Analysis as of 12-31-2022

Morningstar Style Box™



#### Style Breakdown

Equity

11	38	36	Large
4	8	3	MIG
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



50

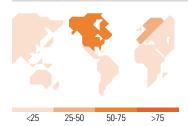
Asset Allocation as of 12-31-2022



		Fund	Bmark	Cat	Fun	d '	Bench	ımark	Categ	jory Ave	rage			
b	Cyclical	30.96	34.06	32.13								T :		
ů.	Basic Materials	7.44	4.82	5.18										
4	Consumer Cyclical	8.03	10.06	10.14			<b>■</b> [							
₽	Financial Services	15.49	16.40	14.09										
b	Real Estate	0.00	2.78	2.72										
M	Sensitive	35.97	41.45	41.29									[	
	Communication Services	6.86	6.94	5.83										
•	Energy	0.00	5.61	5.17	į		_							
<b>‡</b>	Industrials	18.20	10.27	14.55			*							
	Technology	10.91	18.63	15.74					'					
<b>→</b>	Defensive	33.08	24.48	26.56										
Ę	Consumer Defensive	13.12	7.90	8.39										
۲	Healthcare	19.96	13.46	13.38										
?	Utilities	0.00	3.12	4.79	j	, [								

100

#### World Regions % Equity 12-31-2022



	Fund %	Cat %	
Greater Asia	2.64	13.25	
Japan	1.70	5.32	
Australasia	0.00	1.21	
Asia-4 Tigers	0.94	3.49	
Asia-ex 4 Tigers	0.00	3.23	
Not Classified	0.00	0.00	

Americas	Fund % 55.19	Cat % 63.73	Greater Europe	Fund % 42.15	Cat % 23.01	Market Maturity	Fund %
North America	54.91	62.94	United Kingdom	10.82	6.10	Developed Markets	99.72
Central/Latin	0.28	0.79	W euro-ex UK	30.33	16.48	Emerging Markets	0.28
			Emrgng Europe	0.00	0.03	Not Available	0.00
			Africa	1.00	0.40		
	North America	Americas 55.19  North America 54.91	Americas         55.19         63.73           North America         54.91         62.94	Americas 55.19 63.73 Greater Europe  North America 54.91 62.94 United Kingdom Central/Latin 0.28 0.79 W euro-ex UK Emrgng Europe	Americas         55.19         63.73         Greater Europe         42.15           North America         54.91         62.94         United Kingdom         10.82           Central/Latin         0.28         0.79         W euro-ex UK         30.33           Emrgng Europe         0.00	Americas         55.19         63.73         Greater Europe         42.15         23.01           North America         54.91         62.94         United Kingdom         10.82         6.10           Central/Latin         0.28         0.79         W euro-ex UK         30.33         16.48           Emrgng Europe         0.00         0.03	Americas         55.19         63.73         Greater Europe         42.15         23.01         Market Maturity           North America         54.91         62.94         United Kingdom         10.82         6.10         Developed Markets           Central/Latin         0.28         0.79         W euro-ex UK         30.33         16.48         Emerging Markets           Emrgng Europe         0.00         0.03         Not Available

#### **Top 0 Holdings** as of 12-31-2022

Name % Net Asset Cumulative % YTD Return % Morningstar Sector

#### Total Holdings 0

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



## MFS Mid Cap Growth R6 OTCKX

Morningstar Category

Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

#### Portfolio Manager(s)

Eric Fischman since 11-2008 Paul Gordon since 05-2011 Eric Braz since 06-2021

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 14.12 years.

Net Expense: The fund's expense ratio of 0.66 is 35.29% lower than the Mid-Cap Growth category average.

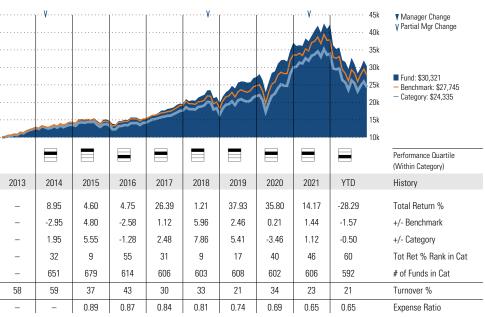
#### **Morningstar Investment Management LLC Analysis**

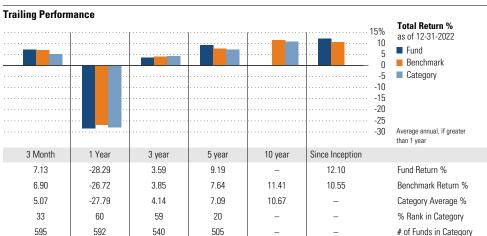
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

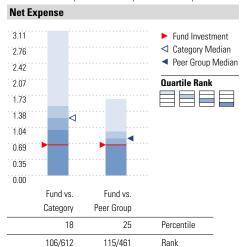
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	5	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	02-15-2022

## Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.02	_	0.30
Beta	0.90	_	0.98
R-Squared	94.69	_	91.63
Standard Deviation	23.07	24.87	25.73
Sharpe Ratio	0.23	0.24	0.24
Tracking Error	5.84	_	7.31
Information Ratio	-0.04	_	-0.10
Up Capture Ratio	95.54	_	99.65
Down Capture Ratio	96.03	_	99.89

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	31.28	22.87	25.56
Price/Book Ratio	4.77	5.66	4.02
Geom Avg Mkt Cap \$B	20.71	19.63	16.01
ROE	23.94	28.34	19.80



# MFS Mid Cap Growth R6 OTCKX

# Morningstar Category Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

## Style Analysis as of 12-31-2022

Morningstar Style Box™



## Style Breakdown

Equity

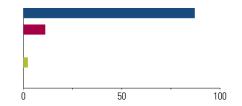
0	6	22	Large
2	27	37	Mid
0	5	1	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

#### Asset Allocation as of 12-31-2022



Total	100.00	100.00
Other	0.00	0.44
Cash	2.06	2.48
Bonds	0.00	0.09
Non-US Stocks	10.93	3.72
US Stocks	87.01	93.28
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	▼ Be	nchmai	rk [	Categ	ory Av	erage		
وا	Cyclical	34.43	27.21	28.68									
à.	Basic Materials	2.50	2.81	2.25									
	Consumer Cyclical	16.58	16.33	13.13		•							
<u></u>	Financial Services	10.84	5.91	9.97									
à	Real Estate	4.51	2.16	3.33									
Ųľ	Sensitive	45.64	52.02	47.54									
	Communication Services	2.92	3.33	2.83									
)	Energy	2.75	5.11	3.28									
ž	Industrials	18.06	16.44	15.10					_				
3	Technology	21.91	27.14	26.33									
+	Defensive	19.92	20.77	23.76									
Ţ	Consumer Defensive	1.02	3.30	2.88									
r	Healthcare	18.90	17.13	20.17				<b>[</b> ]					
1	Utilities	0.00	0.34	0.71	i								

#### 

#### Total Holdings 0

⊕ Increase ⊕ Decrease ☼ New to Portfolio

## MFS Value R4 MEIJX

#### 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 16.6 years.
- Style: The fund has landed in its primary style box Large Value — 84.85 % of the time over the past three
- Net Expense: The fund's expense ratio of 0.55 is 38.89% 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**

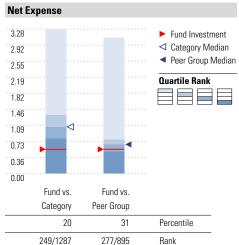
Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	02-15-2022

#### **Morningstar Category** Large Value

Morningstar Index Russell 1000 Value TR USD







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.33	_	1.13
Beta	0.92	-	0.98
R-Squared	98.11	-	95.78
Standard Deviation	20.07	21.55	21.69
Sharpe Ratio	0.40	0.34	0.38
Tracking Error	3.23	-	4.67
Information Ratio	0.33	-	0.24
Up Capture Ratio	99.22	-	99.43
Down Capture Ratio	95.36	-	95.85

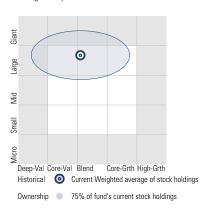
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.98	15.09	13.78
Price/Book Ratio	3.10	2.25	2.38
Geom Avg Mkt Cap \$B	96.14	73.18	109.39
ROE	28.16	18.04	23.75



## MFS Value R4 MEIJX

## Style Analysis as of 12-31-2022

Morningstar Style Box™



## Style Breakdown

Equity

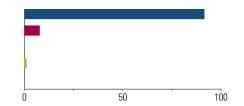
26	53	13	Large
0	7	0	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

#### Asset Allocation as of 12-31-2022



Total	100.00	100.00
Other	0.00	0.62
Cash	0.97	1.83
Bonds	0.00	0.35
Non-US Stocks	7.62	5.57
US Stocks	91.41	91.62
Asset Class	Net %	Cat%

Morningstar Index

Russell 1000 Value TR USD

**Morningstar Category** 

Large Value

Se	ctor Weighting as of 12-	31-2022									
		Fund	Bmark	Cat	Fund	•	Benchmark	[] C	ategory .	Average	
<u></u>	Cyclical	33.98	34.80	32.99							
A.	Basic Materials	4.33	3.82	3.53		<b>)</b>					
Д	Consumer Cyclical	2.96	6.00	6.70					Ė		
æ	Financial Services	25.42	20.26	19.65							
ŵ	Real Estate	1.27	4.72	3.11		*					
W	Sensitive	32.98	34.34	36.57							
	Communication Services	3.16	7.37	6.23			_				
ð	Energy	4.73	8.46	8.73							
Φ	Industrials	17.97	10.53	11.13							
	Technology	7.12	7.98	10.48							
<b>—</b>	Defensive	33.03	30.84	30.45						•	Ī
Ħ	Consumer Defensive	6.95	7.51	8.42							
+	Healthcare	19.26	17.53	16.92							
•	Utilities	6.82	5.80	5.11							

<b>Top 0 Holdings</b> as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector

#### Total Holdings 0

igoplus Increase igoplus Decrease igoplus New to Portfolio

## PIMCO Income I2 PONPX

#### 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 15.77 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.61 is 37.76% lower than the Multisector Bond category average.

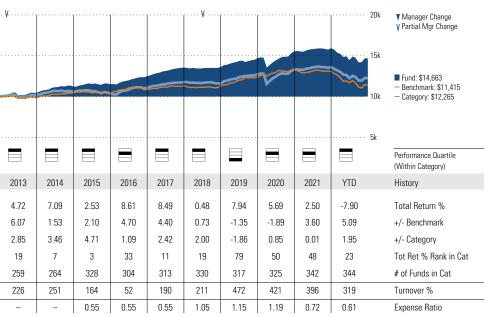
#### **Morningstar Investment Management LLC Analysis**

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.

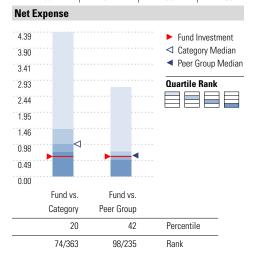


Morningstar Index Bloomberg US Universal TR USD





#### **Trailing Performance Total Return %** as of 12-31-2022 Fund Benchmark Category -5 Average annual, if greater than 1 year 3 Month 1 Year 3 year 10 year Since Inception 5 year Fund Return % 3.39 -7.90 -0.07 1.59 3.90 6.58 2.24 -12.99 -2.54 0.18 1.33 5.35 Benchmark Return % 2 55 -9 85 -1.10 0.85 2 20 Category Average % 29 23 26 23 % Rank in Category 357 344 295 258 152 # of Funds in Category



3- Tear hisk Wellics			
	Fund	Bmark	Cat
Alpha	2.40	_	1.72
Beta	0.92	_	0.99
R-Squared	56.11	_	48.49
Standard Deviation	7.35	5.98	9.02
Sharpe Ratio	-0.09	-0.54	-0.16
Tracking Error	4.89	_	6.72
Information Ratio	0.50	_	0.28
Up Capture Ratio	103.76	_	109.62
Down Capture Ratio	75.91	_	91.61

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	3.83	4.55	4.04
Avg Eff Maturity	5.90	7.69	7.62



# PIMCO Income I2 PONPX

Style Analysis as of 12-31-2022
Style Breakdown
Fixed Income

Quality

G

C

Ltd Mod Ext

Duration

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	48.99	67.64	21.99
AA	4.79	3.23	3.50
A	4.16	10.03	8.36
BBB	14.85	10.89	22.10
BB	14.13	3.19	18.54
В	4.43	3.64	12.52
Below B	8.66	1.38	4.17
Not Rated	0.00	0.00	8.81

#### **Morningstar Category Morningstar Index** Multisector Bond Bloomberg US Universal TR USD Asset Allocation as of 12-31-2022 Asset Class Net % Cat% US Stocks 1.15 1.19 Non-US Stocks 0.36 0.12 Bonds 129.67 92.17 Cash -31.68 5.44 Other 0.52 1.07 -50 Ó 50 100 150 Total 100.00 100.00

Sector Weighting as of 12-	31-2022										
	Fund	Bmark	Cat	Fund	▼ Bench	mark	Category	Average			
Government	27.36	_	23.80								
Treasury	3.37	_	8.85								
Inflation - Protected	1.48	_	0.44	()=							
Agency/Quasi Agency	0.18	_	0.82	1							
Other Government Related	22.33	_	13.69								
Corporate	5.98	_	40.90							- [	
Corporate Bond	4.47	_	36.75								
Bank Loan	1.18	_	2.65								
Convertible	0.04	_	0.83	1 []							
Preferred	0.29	_	0.67	1							
Securitized	14.33	_	20.80								
Agency MBS Pass-Through	2.28	_	4.65		J						
Agency MBS ARM	0.00	_	0.01								
Agency MBS CMO	0.25	_	0.31	0							
Non-Agency Residential MBS	3.61	_	0.88								
Commercial MBS	0.02	_	2.33								
Asset-Backed	8.17	_	12.61								
Covered Bond	0.00	_	0.01								
Municipal	0.03	_	0.36	0							
Cash & Equivalents	29.48	_	10.50								
Other	22.36	_	3.53								
				0%	5 10	15	20 2	5 30	35	40	45

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
☆ Offset: Unsettled Trades	-	29.18	29.18	_
☆ Cash Offset	_	15.55	44.73	_
⊕ IRS USD 1.27000 11/04/22-1Y (WHT) LCH Pay	11-2023	14.02	58.75	_
⊕ IRS USD 1.27000 11/04/22-1Y (WHT) LCH Receive	11-2023	13.58	72.32	_
→ 10 Year Treasury Note Future Mar 23	03-2023	9.32	81.64	-
⊕ IRS EUR 2.95000 10/27/22-6Y* LCH Pay	03-2029	9.16	90.80	_
	12-2024	9.14	99.94	_
□ IRS USD 0.80000 12/14/21-3Y LCH Pay	12-2024	9.12	109.07	_
⊕ IRS EUR 2.95000 10/27/22-6Y* LCH Receive	03-2029	9.04	118.10	_
☐ IRS USD 0.80000 12/14/21-3Y LCH Receive	12-2024	8.45	126.55	_

Total Holdings 7956

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



## PIMCO International Bond (USD-Hdg) I-2 PFBPX

Morningstar Category Global Bond-USD Hedged Morningstar Index

Bloomberg US Agg Bond TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 8.27 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.61 is 17.57% lower than the Global Bond-USD Hedged category average.

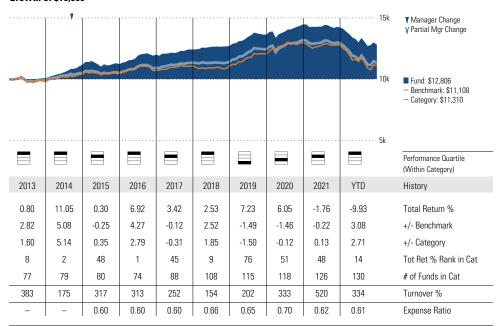
#### **Morningstar Investment Management LLC Analysis**

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

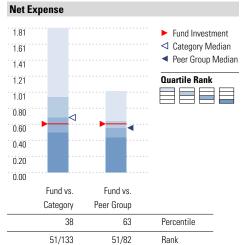
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023

#### Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.37	_	-0.56
Beta	0.63	_	0.91
R-Squared	58.03	_	66.59
Standard Deviation	4.88	5.85	6.52
Sharpe Ratio	-0.58	-0.58	-0.59
Tracking Error	3.82	_	4.06
Information Ratio	0.16	_	-0.06
Up Capture Ratio	69.21	_	100.72
Down Capture Ratio	71.84	_	104.53

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.13	4.43	6.94
Avg Eff Maturity	7.22	_	8.12



# **PIMCO International Bond (USD-Hdg) I-2** PFBPX

**Morningstar Category** Global Bond-USD Hedged **Morningstar Index** 

Bloomberg US Agg Bond TR USD



-50	0	50	100	150

Asset Allocation as of 12-31-2022

Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.01	0.02
Bonds	109.83	88.81
Cash	-6.61	10.97
Other	-3.24	0.19
Total	100.00	100.00

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	56.80	3.53	41.60
AA	13.68	74.59	18.48
A	16.98	10.82	17.45
BBB	7.77	8.32	20.42
BB	1.88	0.28	5.05
В	0.65	0.00	1.34
Below B	2.24	0.00	0.54
Not Rated	0.00	2.46	-4.87

Sector Weighting as of 12-	31-2022													
	Fund	Bmark	Cat	Fund		▼ Ben	chmark	[] Ca	ategory	Avera	ge			
Government	40.62	-	46.89											
Treasury	5.10	_	37.06											
Inflation - Protected	0.41	-	1.11	1[										
Agency/Quasi Agency	1.49	_	4.02											
Other Government Related	33.62	_	4.70				-	- :	- :	- :				
Corporate	3.60	-	11.17											
Corporate Bond	2.60	_	11.06											
Bank Loan	0.06	_	0.11											
Convertible	0.76	_	0.00	(ju										
Preferred	0.18	_	0.00											
Securitized	8.07	-	3.99											
Agency MBS Pass-Through	2.80	_	1.71											
Agency MBS ARM	0.00	_	0.00											
Agency MBS CMO	0.02	_	0.03	ĺ										
Non-Agency Residential MBS	1.24	_	0.32											
Commercial MBS	0.25	_	0.23											
Asset-Backed	2.96	_	1.35											
Covered Bond	0.80	_	0.35	0										
Municipal	0.03	-	0.08											
Cash & Equivalents	31.75	_	23.52											
Other	15.04	-	14.33											
				0%	5	10	15	20	25	30	35	40	45	50

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
ivalile	Maturity Date	/0 INEL ASSEL	Guillulative /6	rixed income Sector
→ 3 Month SOFR Future Dec 23	03-2024	23.07	23.07	_
⊕ IRS EUR 1.50000 03/15/23-5Y LCH Pay	03-2028	21.27	44.34	_
⊕ IRS EUR 1.50000 03/15/23-5Y LCH Receive	03-2028	19.56	63.90	_
⊕ Euro Schatz Future Mar 23	03-2023	15.07	78.96	_
⊕ 3 Month SOFR Future June 23	09-2023	13.57	92.54	-
⊕ 3 Month SOFR Future June 24	09-2024	11.63	104.16	_
⊕ IRS EUR 1.75000 03/15/23-10Y LCH Pay	03-2033	10.93	115.09	_
⊖ RFR USD S0FR/1.75000 06/15/22-5Y LCH Pay	06-2027	10.68	125.77	_
⊖ Euro Bobl Future Mar 23	03-2023	9.90	135.67	_
□ RFR USD SOFR/1.75000 06/15/22-5Y LCH Receive	06-2027	9.79	145.46	_

Total Holdings 1646

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



## PIMCO Real Return I2 PRLPX

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

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

Management: The fund's management has been in place for 3.98 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.57 is 1.72% lower than the Inflation-Protected Bond category average.

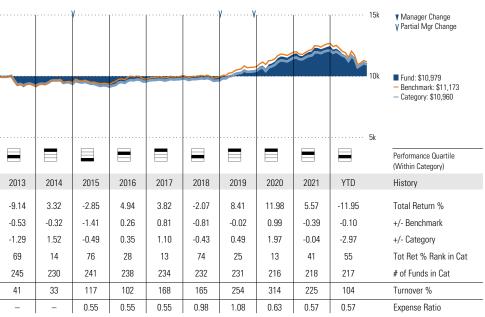
#### **Morningstar Investment Management LLC Analysis**

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**

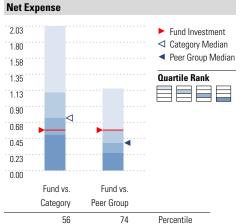
Metric	Rating	Updated
Sustainability Rating	3	01-31-2023

## Growth of \$10,000



#### **Trailing Performance**





123/2	18 123	/167	Rank
Peer group is a su	ubset of the cat	egory and in	cludes funds with the
same manageme	nt style (active	vs. passive)	and similar share class
characteristics			

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.10	_	0.15
Beta	1.04	_	0.92
R-Squared	98.63	_	88.43
Standard Deviation	7.33	7.01	6.90
Sharpe Ratio	0.10	0.08	0.11
Tracking Error	0.90	_	2.51
Information Ratio	0.15	_	-0.22
Up Capture Ratio	104.40	_	92.15
Down Capture Ratio	103.44	_	90.88

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.52	4.52	5.55
Avg Eff Maturity	5.81	_	6.37



Duration

## PIMCO Real Return 12 PRLPX

-50

50

100

## Style Analysis as of 12-31-2022 Style Breakdown Fixed Income Quality High Μid Low Mod Ext

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	90.65	0.00	88.32
AA	5.57	99.60	3.60
A	0.79	0.00	1.66
BBB	0.66	0.00	2.25
BB	0.36	0.00	0.50
В	0.73	0.00	0.15
Below B	1.24	0.00	0.14
Not Rated	0.00	0.40	3.38

#### **Morningstar Index** Bloomberg US Treasury US TIPS TR USD Asset Allocation as of 12-31-2022 Asset Class Net % Cat% US Stocks 0.00 0.12 Non-US Stocks 0.00 0.00 Bonds 102.99 97.04 Cash -23.03 2.15 Other 20.04 0.70

Total

150

**Morningstar Category** 

Inflation-Protected Bond

4 0000					
31-2022					_
Fund	Bmark	Cat	Fund	▼ Benchmark	Category Average
77.28	-	89.94			
0.14	_	0.39			
51.31	_	84.49			
0.00	_	0.09	0		
25.83	_	4.97			
0.55	_	2.44	10		
0.27	_	2.29	10		
0.00	-	0.15			
0.00	_	0.00	j i		
0.28	_	0.00	Ò		
6.59	-	3.50			
0.19	-	0.43			
0.01	-	0.00			
0.09	-	0.10			
0.09	_	0.14			
0.00	_	0.39			
4.35	_	2.29			
1.86	_	0.15	ĵu i		
0.00	_	0.02			
3.75	-	3.04			
11.65	_	1.07	Ú		
	77.28 0.14 51.31 0.00 25.83 0.55 0.27 0.00 0.00 0.28 6.59 0.19 0.01 0.09 0.09 0.00 4.35 1.86 0.00	Fund         Bmark           77.28         —           0.14         —           51.31         —           0.00         —           25.83         —           0.55         —           0.27         —           0.00         —           0.00         —           0.28         —           0.19         —           0.01         —           0.09         —           0.09         —           0.00         —           4.35         —           1.86         —           0.00         —           3.75         —	Fund         Bmark         Cat           77.28         —         89.94           0.14         —         0.39           51.31         —         84.49           0.00         —         0.09           25.83         —         4.97           0.55         —         2.44           0.27         —         2.29           0.00         —         0.15           0.00         —         0.00           0.28         —         0.00           0.28         —         0.00           0.59         —         3.50           0.19         —         0.43           0.01         —         0.00           0.09         —         0.10           0.09         —         0.14           0.00         —         0.39           4.35         —         2.29           1.86         —         0.15           0.00         —         0.02           3.75         —         3.04	Fund         Bmark         Cat         Fund           77.28         -         89.94         -           0.14         -         0.39                     51.31         -         84.49         -           0.00         -         0.09                     25.83         -         4.97         -           0.55         -         2.44         1             0.27         -         2.29         1             0.00         -         0.15                     0.00         -         0.00                     0.28         -         0.00                     0.59         -         3.50                     0.19         -         0.43                     0.01         -         0.00                     0.09         -         0.10                     0.09         -         0.14                     0.00         -         0.39                     4.35         -         2.29                     1.86         -         0.15                     0.00         -         0.02	Fund         Bmark         Cat         Fund         ▼ Benchmark           77.28         —         89.94           0.14         —         0.39         ]           51.31         —         84.49           0.00         —         0.09         ]           25.83         —         4.97

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ 5 Year Treasury Note Future Mar 23	04-2023	18.80	18.80	_
⊕ Euro Schatz Future Mar 23	03-2023	18.47	37.27	_
⊕ 10 Year Treasury Note Future Mar 23	03-2023	16.25	53.52	_
⊕ 3 Month Euribor TAS Future Mar 23	03-2023	11.18	64.70	_
⊕ U S TIPS REV REPO	01-2023	9.05	73.75	-
∪ S TIPS REV REPO	01-2023	8.82	82.57	_
⊕ US Treasury Bond Future Mar 23	03-2023	5.86	88.43	_
☆ Offset: Unsettled Trades	_	5.53	93.96	_
🕸 Cash Offset	_	5.33	99.29	_
■ EUROPEAN MONETARY UNION EURO Sold	01-2023	5.13	104.42	_

Total Holdings 995

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



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

100.00

100.00

## PIMCO Short-Term I2 PTSPX

**Morningstar Category** Ultrashort Bond Morningstar Index

Bloomberg US Agg Bond TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 12.01 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.55 is 19.57% higher than the Ultrashort Bond category average.

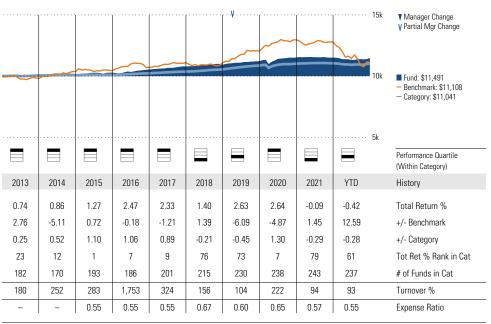
#### **Morningstar Investment Management LLC Analysis**

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

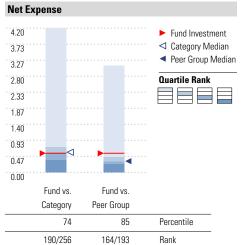
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023

#### Growth of \$10,000



#### **Trailing Performance Total Return %** 10% as of 12-31-2022 Fund Benchmark Category -5 Average annual, if greater than 1 year 3 Month 1 Year 3 year 10 year Since Inception 5 year Fund Return % 0.63 -0.420.70 1.22 1.38 1.75 1.87 -13.01 -2.71 0.02 1.06 6.64 Benchmark Return % 1.03 -0 14 0.45 0.93 1.18 Category Average % 88 61 37 58 13 % Rank in Category 254 237 218 180 107 # of Funds in Category



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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.05	_	0.76
Beta	0.10	_	0.12
R-Squared	5.26	_	17.12
Standard Deviation	2.47	5.85	1.94
Sharpe Ratio	-0.02	-0.58	-0.30
Tracking Error	5.81	_	5.59
Information Ratio	0.60	_	0.56
Up Capture Ratio	25.26	_	22.64
Down Capture Ratio	9.27	_	11.26

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	0.09	4.43	0.72
Avg Eff Maturity	-	-	3.41

M RNINGSTAR



# PIMCO Short-Term I2 PTSPX

# Style Analysis as of 12-31-2022 Style Breakdown Fixed Income Quality G: Ltd Mod Ext Duration

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	41.71	3.53	45.58
AA	3.49	74.59	9.37
A	25.35	10.82	22.58
BBB	28.42	8.32	16.39
BB	0.54	0.28	0.81
В	0.30	0.00	0.43
Below B	0.19	0.00	0.09
Not Rated	0.00	2.46	4.75

#### Asset Allocation as of 12-31-2022 Asset Class Net % Cat% US Stocks 0.00 0.00 Non-US Stocks 0.00 0.00 Bonds 53.64 65.14 Cash 46.36 35.06 Other 0.00 -0.20 50 100 Total 100.00 100.00

**Morningstar Category** 

Ultrashort Bond

**Morningstar Index** 

Bloomberg US Agg Bond TR USD

			_	_		_		по				
	Fund	Bmark	Cat	Fund	•	Bench		[] Cat	egory Av	erage		
Government	8.85	-	12.30				]					
Treasury	0.00	-	7.45	ļ								
Inflation – Protected	0.00	_	0.00	ĺ								
Agency/Quasi Agency	1.84	_	2.01									
Other Government Related	7.01	_	2.84									
Corporate	26.43	-	32.21							. [		
Corporate Bond	26.35	_	31.54							į [		
Bank Loan	0.08	_	0.60	[								
Convertible	0.00	_	0.07									
Preferred	0.00	_	0.00									
Securitized	15.46	-	24.02									
Agency MBS Pass-Through	0.18	_	2.37	[								
Agency MBS ARM	0.09	_	0.78									
Agency MBS CMO	1.62	_	2.51									
Non-Agency Residential MBS	1.13	_	0.34	()								
Commercial MBS	0.00	_	0.40									
Asset-Backed	12.44	_	17.62									
Covered Bond	0.00	_	0.00									
Municipal	0.09	-	0.92	[]								
Cash & Equivalents	41.63	_	30.48									
Other	7.09	_	0.06									

<b>Top 10 Holdings</b> as of 12-31-2022				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
☆ Cash Offset	_	38.27	38.27	_
⊕ 3 Month SOFR Future June 23	09-2023	24.63	62.90	_
○ CDX IG39 5Y ICE	12-2027	23.56	86.46	_
	04-2023	15.53	101.99	_
→ 5 Year Treasury Note Future Mar 23	04-2023	10.92	112.91	_
⊖ 3 Month SOFR Future June 24	09-2024	9.48	122.39	_
⊕ IRS USD R 3ML/1ML+9.75 01/13/22-23 CME Pay	01-2023	6.70	129.09	_
⊕ IRS USD R 3ML/1ML+9.75 01/13/22-23 CME Receive	01-2023	6.70	135.79	_
⊕ IRS USD R 3ML/1ML+9.8 01/13/22-23 CME Pay	01-2023	5.13	140.92	_
⊕ IRS USD R 3ML/1ML+9.8 01/13/22-23 CME Receive	01-2023	5.13	146.05	_

Total Holdings 1172

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



## T. Rowe Price Dividend Growth PRDGX

Morningstar Category
Large Blend

Morningstar Index S&P 500 TR USD

#### Portfolio Manager(s)

Thomas Huber since 03-2000

#### **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 22.77 years.

✓ Net Expense: The fund's expense ratio of 0.62 is
19.48% lower than the Large Blend category average.

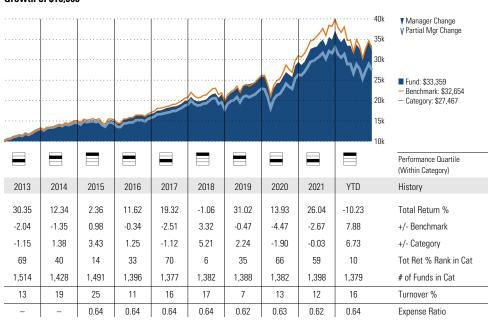
#### **Morningstar Investment Management LLC Analysis**

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.

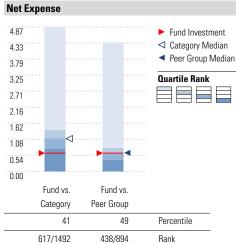
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022

#### Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.82	_	-0.68
Beta	0.88	_	0.96
R-Squared	96.14	_	95.98
Standard Deviation	18.95	21.16	20.73
Sharpe Ratio	0.49	0.41	0.36
Tracking Error	4.53	_	3.95
Information Ratio	0.26	_	-0.83
Up Capture Ratio	92.71	_	94.55
Down Capture Ratio	87.19	-	96.96

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	21.74	19.03	18.29
Price/Book Ratio	4.08	3.59	4.14
Geom Avg Mkt Cap \$B	122.56	161.22	211.02
ROE	31.60	31.17	36.63



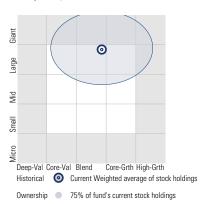
## T. Rowe Price Dividend Growth PRDGX

# Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

## Style Analysis as of 12-31-2022

Morningstar Style Box™



## Style Breakdown

Equity

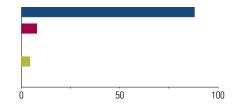
12	41	32	Laige
1	11	3	IVIIO
0	0	0	ollidii

Weight %

>50 25-50 10-25 0-10

Value Blend Growth

#### Asset Allocation as of 12-31-2022



Total	100.00	100.00
Other	0.00	1.10
Cash	4.27	0.45
Bonds	0.00	0.84
Non-US Stocks	7.76	2.81
US Stocks	87.98	94.79
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-	31-2022			
		Fund	Bmark	Cat	Fund • Benchmark   Category Average
<b>Դ</b>	Cyclical	31.83	28.72	29.35	
ů.	Basic Materials	3.65	2.46	2.84	
4	Consumer Cyclical	8.08	9.56	9.83	
ê	Financial Services	17.02	13.89	14.27	
t	Real Estate	3.08	2.81	2.41	
M	Sensitive	34.27	44.59	44.38	
	Communication Services	0.78	7.28	7.09	
•	Energy	3.06	5.23	4.38	
Ф	Industrials	14.96	9.06	10.44	
	Technology	15.47	23.02	22.47	
<b>→</b>	Defensive	33.91	26.69	26.28	
Ħ	Consumer Defensive	10.83	7.61	7.43	
+	Healthcare	19.28	15.90	16.05	
•	Utilities	3.80	3.18	2.80	
					0% 5 10 15 20 25 30 35 40 4

Top 15 Holdings as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	4.21	4.21	-27.94	Technology
⊕ T. Rowe Price Gov. Reserve	4.16	8.37	-	_
Apple Inc	2.82	11.19	-26.32	Technology
─ UnitedHealth Group Inc	2.80	13.99	6.86	Healthcare
□ Danaher Corp	2.04	16.03	-19.02	Healthcare
Chubb Ltd	1.98	18.01	15.82	Financial Services
Visa Inc Class A	1.85	19.86	-3.40	Financial Services
	1.79	21.65	-3.50	Financial Services
Thermo Fisher Scientific Inc	1.71	23.36	-17.29	Healthcare
⊕ JPMorgan Chase & Co	1.69	25.05	-12.79	Financial Services
	1.66	26.71	-34.66	Technology
AbbVie Inc	1.63	28.35	23.80	Healthcare
Dollar General Corp	1.58	29.93	5.53	Consumer Defensive
⊕ Ross Stores Inc	1.51	31.43	2.65	Consumer Cyclical
Honeywell International Inc	1.49	32.92	4.68	Industrials

**Total Holdings** 105

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



## Vanguard 500 Index Admiral VFIAX

# Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

#### Portfolio Manager(s)

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

#### Quantitative Screens

- Performance: The fund has finished in the Large Blend category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 6.68 years.
- Net Expense: The fund's expense ratio of 0.04 is 94.81% lower than the Large Blend category average.

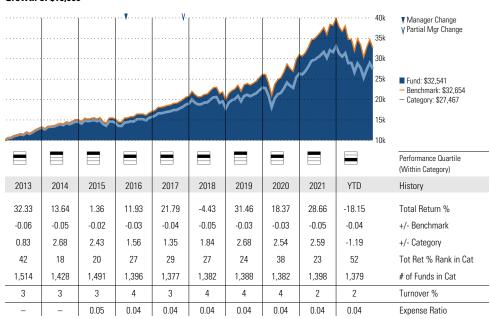
#### **Morningstar Investment Management LLC Analysis**

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.

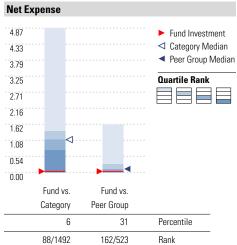
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

#### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 12-31-2022 10 ■ Fund Benchmark 0 Category -5 -10 -15 Average annual, if greater than 1 year 3 Month 1 Year 3 year 10 year Since Inception 5 year Fund Return % 7.55 -18.15 7.62 9.39 12.52 6.85 10.61 7.56 -18.11 7.66 9.42 12.56 Benchmark Return % 8 27 -16 96 6 88 8 26 11.31 Category Average % 59 52 33 25 13 % Rank in Category 1.441 1.379 1.247 1.137 837 # of Funds in Category



3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.04	_	-0.68
Beta	1.00	_	0.96
R-Squared	100.00	_	95.98
Standard Deviation	21.17	21.16	20.73
Sharpe Ratio	0.41	0.41	0.36
Tracking Error	0.01	_	3.95
Information Ratio	-3.96	_	-0.83
Up Capture Ratio	99.95	_	94.55
Down Capture Ratio	100.07	_	96.96

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.04	19.03	18.29
Price/Book Ratio	3.59	3.59	4.14
Geom Avg Mkt Cap \$B	161.35	161.22	211.02
ROE	31.18	31.17	36.63





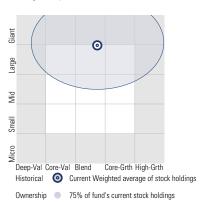
# $\textbf{Vanguard 500 Index Admiral} \quad \forall \mathsf{FIAX}$

# Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

## Style Analysis as of 12-31-2022

Morningstar Style Box™



## Style Breakdown

Equity

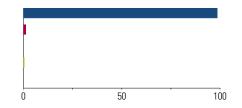
16	30	38	Large
5	8	3	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

#### Asset Allocation as of 12-31-2022



Total	100.00	100.00
Other	0.00	1.10
Cash	0.33	0.45
Bonds	0.00	0.84
Non-US Stocks	1.12	2.81
US Stocks	98.54	94.79
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-3	31-2022			
		Fund	Bmark	Cat	Fund Benchmark Category Average
<u></u>	Cyclical	28.67	28.72	29.35	
A	Basic Materials	2.46	2.46	2.84	
A	Consumer Cyclical	9.57	9.56	9.83	
<b>F</b>	Financial Services	13.84	13.89	14.27	
命	Real Estate	2.80	2.81	2.41	
W	Sensitive	44.61	44.59	44.38	
	Communication Services	7.28	7.28	7.09	
•	Energy	5.24	5.23	4.38	
Ф	Industrials	9.06	9.06	10.44	
	Technology	23.03	23.02	22.47	
<b>→</b>	Defensive	26.71	26.69	26.28	
Ħ	Consumer Defensive	7.61	7.61	7.43	
+	Healthcare	15.91	15.90	16.05	
•	Utilities	3.19	3.18	2.80	
					0% 5 10 15 20 25 20 25 40 4F

<b>Top 15 Holdings</b> as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
<ul><li>○ Apple Inc</li></ul>	6.03	6.03	-26.32	Technology
Microsoft Corp	5.55	11.58	-27.94	Technology
⊕ Amazon.com Inc	2.31	13.90	-49.62	Consumer Cyclical
Berkshire Hathaway Inc Class B	1.73	15.63	3.31	Financial Services
Alphabet Inc Class A	1.64	17.26	-39.09	Communication Svc
① UnitedHealth Group Inc	1.54	18.80	6.86	Healthcare
	1.46	20.26	-38.67	Communication Svc
⊕ Johnson & Johnson	1.43	21.69	5.86	Healthcare
	1.41	23.10	86.06	Energy
⊕ JPMorgan Chase & Co	1.22	24.32	-12.79	Financial Services
NVIDIA Corp	1.13	25.45	-50.26	Technology
⊕ Procter & Gamble Co	1.12	26.57	-5.14	Consumer Defensive
⊕ Visa Inc Class A	1.05	27.62	-3.40	Financial Services
⊕ Tesla Inc	1.03	28.64	-65.03	Consumer Cyclical
⊕ The Home Depot Inc	1.00	29.65	-22.06	Consumer Cyclical

Total Holdings 509

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



# Vanguard International Growth Adm VWILX

**Morningstar Category** Foreign Large Growth

Morningstar Index MSCI EAFE NR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

- Performance: The fund has finished in the Foreign Large Growth category's top three quartiles in 8 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 13.02 years.
- Style: The fund has landed in its primary style box Large Growth — 100 % of the time over the past three
- Net Expense: The fund's expense ratio of 0.34 is 67.62% lower than the Foreign Large Growth category average.

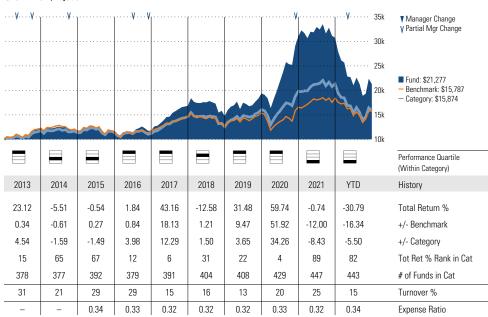
#### **Morningstar Investment Management LLC Analysis**

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022

#### Growth of \$10,000



#### **Trailing Performance**



#### **Net Expense** 3.31 Fund Investment Category Median 2.94 Peer Group Median 2.57 2.21 Quartile Rank 1.84 1.47 1.10 0.74 n nn Fund vs Fund vs Peer Group Category Percentile

	18/451	27/395	Rank	
Peer grou	p is a subset of	the category an	ıd includes fun	ds with the
same mar	nagement style (	active vs. passi	ive) and simila	r share class
characteri	etice			

Rank

#### Fund **Bmark** Alpha 3.07 Beta 1 05 R-Squared 72.93

3-Year Risk Metrics

83.89 Standard Deviation 24 95 20.25 21 69 Sharpe Ratio 0.21 0.10 0.06 Tracking Error 13.02 8.76 Information Ratio 0.17 -0.10 Up Capture Ratio 103.23 99.00 Down Capture Ratio 95.06 102.84

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.02	12.65	19.09
Price/Book Ratio	3.11	1.56	2.99
Geom Avg Mkt Cap \$B	51.99	43.46	48.56
ROE	19.23	19.18	22.43



Cat

-0.67

0.98

18/451

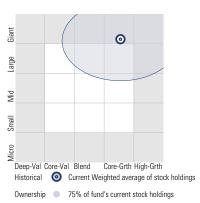
# Vanguard International Growth Adm VWILX

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

Morningstar Index

### Style Analysis as of 12-31-2022

Morningstar Style Box™



### Style Breakdown

Equity

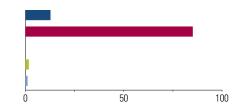
1. /			
9	28	46	Large
3	7	8	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

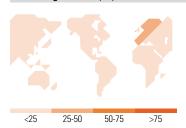
### Asset Allocation as of 12-31-2022



Total	100.00	100.00
Other	0.92	0.57
Cash	1.52	2.55
Bonds	0.00	0.00
Non-US Stocks	84.98	89.95
US Stocks	12.58	6.95
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-	31-2022											
		Fund	Bmark	Cat	Func	i v	Benchm	ark [] C	ategory	Average			
<u></u>	Cyclical	35.62	39.68	34.80									
A	Basic Materials	0.78	7.81	6.34			1						
A	Consumer Cyclical	23.86	10.37	12.95									
<del>,</del>	Financial Services	10.98	18.69	14.78					*				
命	Real Estate	0.00	2.81	0.73	[	1							
W	Sensitive	39.52	32.96	39.26								•	
d	Communication Services	7.11	4.93	4.06									
•	Energy	1.78	5.06	4.02				į					
Ф	Industrials	11.24	14.88	15.97									
	Technology	19.39	8.09	15.21			7						
<b>→</b>	Defensive	24.85	27.36	25.95									
Ħ	Consumer Defensive	5.19	10.37	9.63			0						
+	Healthcare	18.70	13.71	15.46		- :							
•	Utilities	0.96	3.28	0.86		7							
					0%	5	10	15	20	25	30	35	4

#### World Regions % Equity 12-31-2022



Greater Asia	Fund % 30.58	Cat % 27.34
Japan	7.30	11.60
Australasia	0.78	1.96
Asia-4 Tigers	7.53	6.01
Asia-ex 4 Tigers	14.97	7.77
Not Classified	0.00	0.00

Americas	Fund % 19.40	Cat % 14.74	Greater Europe	Fund % 50.02	Cat % 57.92	Market Maturity
North America	14.27	12.78	United Kingdom	6.21	12.49	Developed Markets
Central/Latin	5.13	1.96	W euro-ex UK	42.70	44.80	Emerging Markets
			Emrgng Europe	0.00	0.02	Not Available
			Africa	1.11	0.61	

<b>Top 10 Holdings</b> as of 12-31-2022	<b>'op 10 Holdings</b> as of 12-31-2022							
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector				
	5.08	5.08	-27.89	Technology				
	4.15	9.23	-29.28	Healthcare				
	3.98	13.21	-37.24	Consumer Cyclical				
⊕ Tencent Holdings Ltd	3.71	16.92	-24.05	Communication Svc				
⊕ Adyen NV	3.30	20.22	-43.57	Technology				
Taiwan Semiconductor Manufacturing Co Ltd	2.92	23.13	-25.28	Technology				
	2.77	25.90	-30.76	Consumer Cyclical				
Genmab A/S	2.54	28.44	12.77	Healthcare				
	2.50	30.95	-15.77	Consumer Cyclical				
⊕ Vestas Wind Systems A/S	2.15	33.10	2.59	Industrials				

#### Total Holdings 146

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

Fund %

79.91

20.09 0.00

# Vanguard International Value Inv VTRIX

Morningstar Category Foreign Large Value Morningstar Index MSCI EAFE NR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

- Performance: The fund has finished in the Foreign Large Value category's top three quartiles in 8 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 12.6 years.
- Style: The fund has landed in its primary style box —
   Large Value 66.67 % of the time over the past three vears.
- Net Expense: The fund's expense ratio of 0.36 is 63.27% lower than the Foreign Large Value category average.

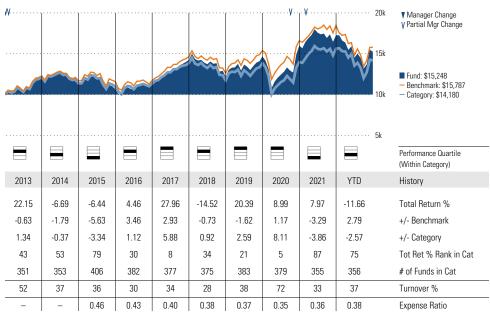
#### **Morningstar Investment Management LLC Analysis**

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

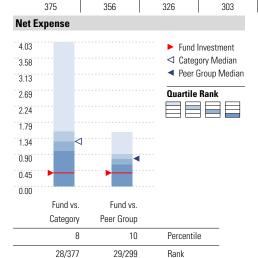
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	01-31-2023
Carbon Risk Score	Medium Risk	12-31-2022

### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 12-31-2022 ■ Fund 10 Benchmark Category 0 -5 -10 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 yea 5 year Fund Return % 15.76 -11.66 1.30 1.36 4.31 8.07 17.34 -14.45 0.87 1.54 4.67 8.22 Benchmark Return % 18 02 -9 N9 0.89 0.66 3 61 Category Average % 82 75 40 27 25 % Rank in Category 180 # of Funds in Category



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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.66	_	0.43
Beta	1.04	_	1.04
R-Squared	92.63	_	90.02
Standard Deviation	21.95	20.25	22.18
Sharpe Ratio	0.13	0.10	0.12
Tracking Error	6.02	_	7.29
Information Ratio	0.07	_	0.01
Up Capture Ratio	101.35	_	102.04
Down Capture Ratio	99.77	_	101.68

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	12.12	12.65	9.31
Price/Book Ratio	1.53	1.56	1.15
Geom Avg Mkt Cap \$B	28.83	43.46	32.72
ROE	16.05	19.18	17.40

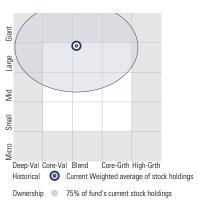


# Vanguard International Value Inv VTRIX

# Morningstar CategoryMorningstar IndexForeign Large ValueMSCI EAFE NR USD

#### Style Analysis as of 12-31-2022

Morningstar Style Box™



#### Style Breakdown

Equity

27	36	17	Large
6	8	4	Mid
1	1	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



50

Asset Allocation as of 12-31-2022



Sec	ctor Weighting as of 12-	31-2022												
		Fund	Bmark	Cat	Fund	,	Bench	mark	Categ	ory Ave	erage		_	
<b>Դ</b>	Cyclical	43.79	39.68	43.07										
Å.	Basic Materials	10.74	7.81	9.19										
<b>A</b>	Consumer Cyclical	16.72	10.37	10.30										
æ	Financial Services	15.12	18.69	22.00					<b>'</b> [					
ŵ	Real Estate	1.21	2.81	1.58										
W	Sensitive	39.54	32.96	35.10										
d	Communication Services	6.97	4.93	6.46										
ð	Energy	6.92	5.06	8.09		<u>,                                    </u>								
Ф	Industrials	17.44	14.88	14.13			- :							
	Technology	8.21	8.09	6.42			<b>-</b>							
<b>-</b>	Defensive	16.66	27.36	21.83										
F	Consumer Defensive	6.21	10.37	7.98										
+	Healthcare	7.77	13.71	10.35			<b>I</b>	,						
•	Utilities	2.68	3.28	3.50										
					0%	5	10	15	20	25	30	35	40	4

100

#### World Regions % Equity 12-31-2022



	Fund %	Cat %
Greater Asia	40.34	31.96
Japan	10.52	17.50
Australasia	0.93	4.09
Asia-4 Tigers	12.63	7.20
Asia-ex 4 Tigers	16.26	3.17
Not Classified	0.00	0.00

Americas	Fund % 9.51	Cat % 8.66	Greater Europe	Fund % 50.14	Cat % 59.39	Market Maturity	Fund %
North America	6.06	7.54	United Kingdom	14.97	17.54	Developed Markets	79.78
Central/Latin	3.45	1.12	W euro-ex UK	34.57	41.25	Emerging Markets	20.22
			Emrgng Europe	0.00	0.13	Not Available	0.00
			Africa	0.60	0.47		

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
→ Mktlig 12/31/2049	3.37	3.37	_	_
⊕ Alibaba Group Holding Ltd Ordinary Shares	2.07	5.44	-25.68	Consumer Cyclical
⊕ AIA Group Ltd	1.81	7.25	17.53	Financial Services
⊕ BP PLC	1.61	8.86	40.92	Energy
→ Airbus SE	1.61	10.47	0.80	Industrials
→ Holcim Ltd	1.56	12.03	7.68	Basic Materials
→ TotalEnergies SE	1.37	13.40	41.32	Energy
→ HSBC Holdings PLC	1.37	14.77	13.95	Financial Services
⇒ Sands China Ltd Shs Unitary 144A/Reg S	1.17	15.94	54.39	Consumer Cyclical
RELX PLC	1.16	17.10	-7.61	Communication Svc

#### Total Holdings 224



# Vanguard Real Estate Index Admiral VGSLX

Morningstar Category Real Estate Morningstar Index

S&P United States REIT TR USD

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 26.65 years.

Net Expense: The fund's expense ratio of 0.12 is 88.35% lower than the Real Estate category average.

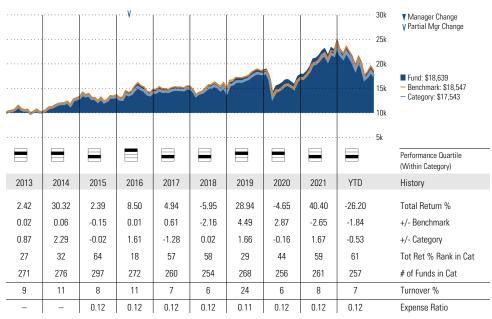
#### **Morningstar Investment Management LLC Analysis**

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

#### **ESG Metrics**

Metric	Rating	Updated		
Sustainability Rating	3	01-31-2023		
Carbon Risk Score	Low Risk	12-31-2022		
ESG Commitment	1-Low	02-15-2022		

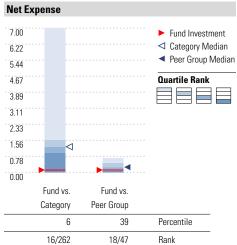
#### Growth of \$10,000





155

214



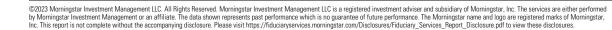
257

238

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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.52	_	-0.42
Beta	0.96	_	0.94
R-Squared	98.63	_	93.47
Standard Deviation	22.84	23.61	22.85
Sharpe Ratio	0.06	0.08	0.07
Tracking Error	2.82	_	5.57
Information Ratio	-0.15	_	-0.09
Up Capture Ratio	97.54	_	94.53
Down Capture Ratio	98.93	_	96.18

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	22.95	38.46	23.21
Price/Book Ratio	2.22	2.42	2.12
Geom Avg Mkt Cap \$B	20.24	9.35	24.92
ROE	17.96	9.56	17.43



262



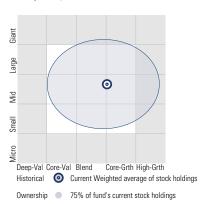
# of Funds in Category

# Vanguard Real Estate Index Admiral VGSLX

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

### Style Analysis as of 12-31-2022

Morningstar Style Box™



#### Style Breakdown

Equity

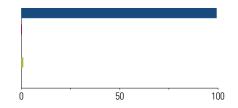
-quit,			
3	8	25	raige
7	33	9	MIN
4	9	3	ollidii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	11.73
Cash	0.78	0.79
Bonds	0.00	3.52
Non-US Stocks	0.03	1.58
US Stocks	99.19	82.38
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	▼ Benchmark	Category Average
÷	Cyclical	99.37	99.13	99.22			
ì.	Basic Materials	0.00	0.00	0.10			
•	Consumer Cyclical	0.00	0.13	0.91	i		
٥	Financial Services	0.03	0.00	0.22	İ		
b	Real Estate	99.34	99.00	97.99			
NF	Sensitive	0.62	0.87	0.74			
	Communication Services	0.57	0.00	0.20			
•	Energy	0.00	0.00	0.04			
<b>\$</b>	Industrials	0.00	0.87	0.30			
3	Technology	0.05	0.00	0.20			
<b>→</b>	Defensive	0.00	0.00	0.05			
7	Consumer Defensive	0.00	0.00	0.00			
ŀ	Healthcare	0.00	0.00	0.00			
9	Utilities	0.00	0.00	0.05			

<b>Top 15 Holdings</b> as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Real Estate II Index	12.14	12.14	_	_
○ Prologis Inc	7.35	19.48	-31.17	Real Estate
	6.96	26.45	-25.57	Real Estate
⊖ Equinix Inc	4.21	30.66	-21.09	Real Estate
○ Crown Castle Inc	4.15	34.81	-32.16	Real Estate
	3.13	37.93	-19.55	Real Estate
	2.77	40.70	-7.25	Real Estate
	2.64	43.34	-22.15	Real Estate
	2.13	45.47	-27.21	Real Estate
─ Welltower Inc	2.07	47.54	-20.73	Real Estate
⊕ Digital Realty Trust Inc	1.94	49.47	-40.55	Real Estate
○ VICI Properties Inc Ordinary Shares	1.93	51.40	12.59	Real Estate
○ CBRE Group Inc Class A	1.75	53.15	-29.08	Real Estate
	1.62	54.77	-19.45	Real Estate
○ AvalonBay Communities Inc	1.59	56.36	-33.54	Real Estate

#### **Total Holdings** 171



## Vanguard Target Retirement 2020 Fund VTWNX

**Morningstar Category** Target-Date 2020

Morningstar Index Morningstar Lifetime Mod 2020 TR USD

#### Portfolio Manager(s)

Walter Nejman since 02-2013 William Coleman since 02-2013

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 9.86 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 0.08 is 86.21% lower than the Target-Date 2020 category average.

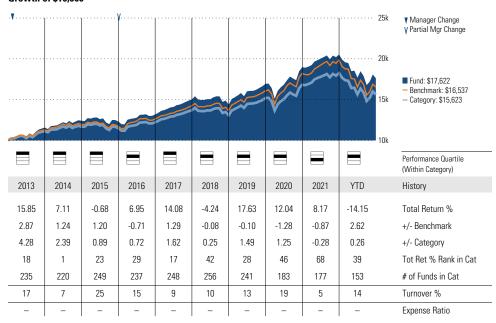
#### **Morningstar Investment Management LLC Analysis**

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
ESG Commitment	1-Low	02-15-2022

#### Growth of \$10,000



#### **Trailing Performance**

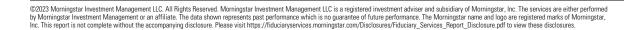


	'	'	'
Net Ex	pense		
1.99			► Fund Investment
1.77			Category Median
1.55			<ul> <li>Peer Group Media</li> </ul>
1.33			Quartile Rank
1.11			
0.88	<b>⊲</b>		
0.66			
0.44		·····	
0.22			
0.00			
	Fund vs.	Fund vs.	
	Category	Peer Group	
	8	13	Percentile

	13/163	42/330	Rank	
Peer group	is a subset of th	ne category ar	nd includes fun	ds with the
same man	agement style (a	ctive vs. pass	ive) and simila	r share class
characteri	stics.			

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.42	_	0.27
Beta	0.90	_	0.91
R-Squared	98.38	_	96.66
Standard Deviation	11.48	12.59	11.69
Sharpe Ratio	0.10	0.07	0.08
Tracking Error	1.89	_	2.49
Information Ratio	0.21	_	0.13
Up Capture Ratio	91.02	_	90.94
Down Capture Ratio	88.48	_	89.35

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	14.72	15.30	15.60
Price/Book Ratio	2.21	2.27	2.39
Avg Eff Duration	6.02	-	5.80





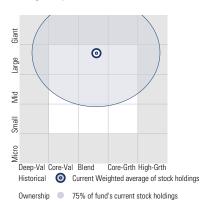
# **Vanguard Target Retirement 2020 Fund** VTWNX

**Morningstar Category** Target-Date 2020

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

#### Style Analysis as of 12-31-2022

Morningstar Style Box™



# Style Breakdown

	Lquity				1 1/
	17	27	29	Large	
ĺ	6	9	5	Mid	
İ	2	3	2	Small	
		D	0		

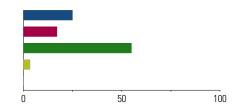
Value Blend Growth



Weight %

>50 25-50 10-25 0-10

#### Asset Allocation as of 12-31-2022



Asset Class Net % Cat% US Stocks 24.85 26.29 Non-US Stocks 16.97 14.30 Bonds 54.88 48.18 Cash 3.27 3.07 Other 0.03 8.16 100.00 100.00 Total

Sec	ctor Weighting as of 12-3	31-2022			
		Fund	Bmark	Cat	Fund Benchmark Category Average
<u></u>	Cyclical	35.32	39.89	36.48	
A.	Basic Materials	5.06	4.78	4.61	
A	Consumer Cyclical	10.67	10.85	10.59	
æ	Financial Services	16.11	15.37	15.67	
侖	Real Estate	3.48	8.89	5.61	
W	Sensitive	41.62	36.08	40.26	
	Communication Services	6.40	4.91	6.15	
•	Energy	5.42	5.29	5.33	
Ф	Industrials	11.34	11.56	10.74	
	Technology	18.46	14.32	18.04	
<b>→</b>	Defensive	23.06	24.01	23.25	
Ħ	Consumer Defensive	7.24	7.20	6.90	
٠	Healthcare	12.80	13.43	13.28	
•	Utilities	3.02	3.38	3.07	
				<del></del>	0% 5 10 15 20 25 30 35 40 4

Top 7 Holdings as of 12-31-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⇒ Vanguard Total Bond Market II Idx Inv	_	31.67	31.67	_	_
⊕ Vanguard Total Stock Mkt Idx Instl Pls	_	25.18	56.85	_	-
⇒ Vanguard Total Intl Stock Index Inv	-	17.34	74.19	_	_
→ Vanguard Total Intl Bd II Idx Insl	_	13.77	87.97	_	_
⊕ Vanguard Shrt-Term Infl-Prot Sec ldx Adm	-	10.81	98.78	_	_
⊕ Mktliq 12/31/2049	-	1.20	99.98	_	_
⊕ Us Dollar	-	0.02	100.00	_	_

#### Total Holdings 7



## Vanguard Target Retirement 2025 Fund VTTVX

**Morningstar Category** Target-Date 2025

Morningstar Index Morningstar Lifetime Mod 2025 TR USD

#### Portfolio Manager(s)

Walter Nejman since 02-2013 William Coleman since 02-2013

#### **Quantitative Screens**

Performance: The fund has finished in the Target-Date 2025 category's top three quartiles in 10 of the 10 years it's been in existence.

Management: The fund's management has been in place for 9.86 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 0.08 is 87.5% lower than the Target-Date 2025 category average.

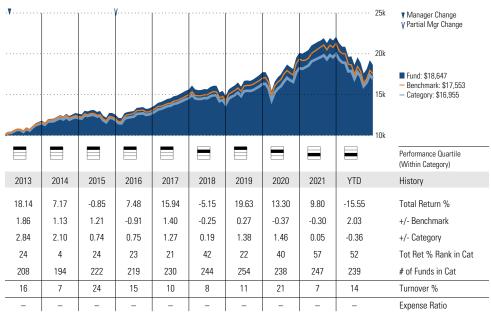
#### **Morningstar Investment Management LLC Analysis**

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

#### **ESG Metrics**

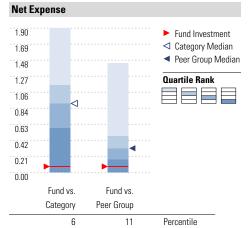
Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
FSG Commitment	1-l ow	02-15-2022

### Growth of \$10,000



### **Trailing Performance**





14/234	54/493	Rank	
Peer group is a subset of t	he category ar	nd includes funds with	the
same management style (a	active vs. pass	ive) and similar share o	lass
charactoristics			

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.63	_	0.42
Beta	0.96	_	0.91
R-Squared	98.69	_	97.41
Standard Deviation	13.38	13.79	12.71
Sharpe Ratio	0.12	0.08	0.10
Tracking Error	1.61	_	2.57
Information Ratio	0.39	_	0.20
Up Capture Ratio	98.65	_	92.41
Down Capture Ratio	95.32	_	90.14

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	14.69	15.14	15.55
Price/Book Ratio	2.20	2.24	2.39
Avg Eff Duration	6.50	-	-



# Vanguard Target Retirement 2025 Fund VTTVX

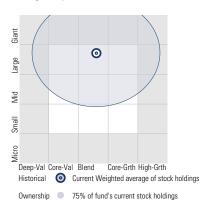
Asset Allocation as of 12-31-2022

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

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

#### Style Analysis as of 12-31-2022

Morningstar Style Box™



#### Asset Class Net % Cat% US Stocks 31.84 29.29 Non-US Stocks 22.19 15.36 Bonds 42.94 41.59 Cash 2.99 3.29 Other 0.03 10.46 50 100.00 Total 100.00

#### Style Breakdown

Equity				rixea	income
18	27	29	Large		
6	9	5	Mid		
2	3	2	Small		
Value	Blend	Growth		Ltd	Mod



Weight %

>50 25-50 10-25 0-10

		Fund	Bmark	Cat
<b>Դ</b>	Cyclical	35.39	39.82	36.05
÷.	Basic Materials	5.10	4.87	4.53
<b>A</b>	Consumer Cyclical	10.67	10.90	10.42
<del>,</del>	Financial Services	16.13	15.51	15.57
ŵ	Real Estate	3.49	8.54	5.53
Ma.	Sensitive	41.58	36.22	40.28
	Communication Services	6.39	4.95	6.20
ð	Energy	5.42	5.31	5.32
Ф	Industrials	11.36	11.67	10.67
1	Technology	18.41	14.29	18.09
<b>→</b>	Defensive	23.02	23.96	23.66
=	Consumer Defensive	7.24	7.22	7.04
٠	Healthcare	12.77	13.35	13.42
•	Utilities	3.01	3.39	3.20

<ul> <li>⊕ Vanguard Total Stock Mkt Idx Instl Pls</li> <li>⊕ Vanguard Total Bond Market II Idx Inv</li> <li>⊢ 28.14</li> <li>⊕ O.40</li> <li>⊢ 22.68</li> <li>⊕ Vanguard Total Intl Stock Index Inv</li> <li>⊢ 22.68</li> <li>⊕ Vanguard Total Intl Bd II Idx Insl</li> <li>⊢ 12.13</li> <li>⊕ S.21</li> <li>⊢ -</li> <li>⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm</li> <li>⊢ 3.48</li> <li>⊕ 98.69</li> <li>⊢ -</li> <li>⊕ Mktliq 12/31/2049</li> <li>⊢ 1.27</li> <li>⊕ 99.96</li> <li>⊢ -</li> </ul>	<b>Top 7 Holdings</b> as of 12-31-2022					
<ul> <li>⊕ Vanguard Total Bond Market II Idx Inv</li> <li>⊝ Vanguard Total Intl Stock Index Inv</li> <li>⊝ Vanguard Total Intl Stock Index Inv</li> <li>⊝ Vanguard Total Intl Bd II Idx Insl</li> <li>⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm</li> <li>− 3.48</li> <li>98.69</li> <li>− -</li> <li>⊕ Mktliq 12/31/2049</li> <li>− 1.27</li> <li>99.96</li> <li>− -</li> </ul>	Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
→ Vanguard Total Intl Stock Index Inv       -       22.68       83.07       -       -         → Vanguard Total Intl Bd II Idx Insl       -       12.13       95.21       -       -         ⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm       -       3.48       98.69       -       -         ⊕ Mktliq 12/31/2049       -       1.27       99.96       -       -	⊕ Vanguard Total Stock Mkt Idx InstI PIs	_	32.26	32.26	_	_
→ Vanguard Total Intl Bd II Idx Insl       -       12.13       95.21       -       -         ⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm       -       3.48       98.69       -       -         ⊕ Mktliq 12/31/2049       -       1.27       99.96       -       -	⊕ Vanguard Total Bond Market II Idx Inv	_	28.14	60.40	_	_
<ul> <li>→ Vanguard Shrt-Term Infl-Prot Sec Idx Adm</li> <li>→ Mktliq 12/31/2049</li> <li>→ 1.27</li> <li>→ 99.96</li> <li>→ -</li> </ul>	O Vanguard Total Intl Stock Index Inv	-	22.68	83.07	_	_
⊕ Mktliq 12/31/2049 - 1.27 99.96	─ Vanguard Total Intl Bd II Idx Insl	_	12.13	95.21	_	_
	⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	3.48	98.69	-	-
⊕ Us Dollar - 0.04 100.00	⊕ Mktliq 12/31/2049	-	1.27	99.96	_	_
0.01	⊕ Us Dollar	-	0.04	100.00	_	_

#### Total Holdings 7



## Vanguard Target Retirement 2030 Fund VTHRX

**Morningstar Category** Target-Date 2030

Morningstar Index Morningstar Lifetime Mod 2030 TR USD

#### Portfolio Manager(s)

Walter Nejman since 02-2013 William Coleman since 02-2013

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 9.86 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 0.08 is 87.69% lower than the Target-Date 2030 category average.

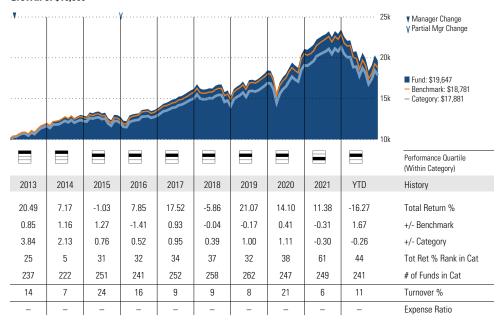
#### **Morningstar Investment Management LLC Analysis**

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

#### **ESG Metrics**

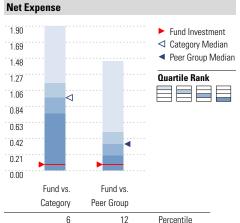
Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-l ow	02-15-2022

#### Growth of \$10,000



#### **Trailing Performance**





	14/237	50/421	Rank				
Peer group is a subset of the category and includes funds with the							
same management style (active vs. passive) and similar share class							
charac	torietice						

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.72	_	0.68
Beta	0.96	_	0.94
R-Squared	99.12	_	98.23
Standard Deviation	14.76	15.26	14.47
Sharpe Ratio	0.15	0.11	0.15
Tracking Error	1.50	_	2.29
Information Ratio	0.48	_	0.32
Up Capture Ratio	99.06	_	96.78
Down Capture Ratio	95.61	-	93.56

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	14.68	14.98	15.88
Price/Book Ratio	2.20	2.21	2.49
Avg Eff Duration	6.83	-	-



# Vanguard Target Retirement 2030 Fund VTHRX

Asset Allocation as of 12-31-2022

**Morningstar Category** Target-Date 2030

Asset Class

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

Net %

36.80

25.81

34.55

2.80

0.04

100.00

Cat%

36.59

17.80

31.05

2.53

12.02

100.00

#### Style Analysis as of 12-31-2022

Morningstar Style Box™



### US Stocks Non-US Stocks Bonds Cash Other 50 Total

#### Style Breakdown

Equity				rixea	income
18	28	29	Large		
6	9	5	Mid		
2	3	2	Small		
Value	Blend	Growth		Ltd	Mod



#### Weight %

>50 25-50 10-25 0-10

		Fund	Bmark	Cat	Fund	•	Bench	nmark	Cate	gory Ave	erage	
b	Cyclical	35.42	39.72	35.05								
A.	Basic Materials	5.11	4.97	4.44								
4	Consumer Cyclical	10.67	10.99	10.75								
÷	Financial Services	16.15	15.68	15.72			_					
ŧ	Real Estate	3.49	8.08	4.14		10	T .					
MI	Sensitive	41.57	36.34	40.98								
	Communication Services	6.39	4.97	6.27								
ð	Energy	5.43	5.33	5.25								
\$	Industrials	11.36	11.78	10.87								
2	Technology	18.39	14.26	18.59				•				
<b>→</b>	Defensive	23.02	23.94	23.97						<b>=</b> [		
=	Consumer Defensive	7.24	7.26	7.01								
۲	Healthcare	12.77	13.29	13.85				■ []				
?	Utilities	3.01	3.39	3.11		<b>"</b>						

<b>Top 6 Holdings</b> as of 12-31-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx InstI PIs	_	37.27	37.27	_	_
⊕ Vanguard Total Intl Stock Index Inv	-	26.38	63.65	_	-
⊕ Vanguard Total Bond Market II ldx Inv	-	24.64	88.29	_	-
─ Vanguard Total Intl Bd II Idx Insl	-	10.42	98.71	_	-
	-	1.27	99.98	-	_
⊕ Us Dollar	_	0.02	100.00	_	-

### Total Holdings 6



## Vanguard Target Retirement 2035 Fund VTTHX

**Morningstar Category** Target-Date 2035

Morningstar Index Morningstar Lifetime Mod 2035 TR USD

#### Portfolio Manager(s)

Walter Nejman since 02-2013 William Coleman since 02-2013

#### Quantitative Screens

Performance: The fund has finished in the Target-Date 2035 category's top three quartiles in 9 of the 10 years it's been in existence.

Management: The fund's management has been in place for 9.86 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 0.08 is 87.88% lower than the Target-Date 2035 category average.

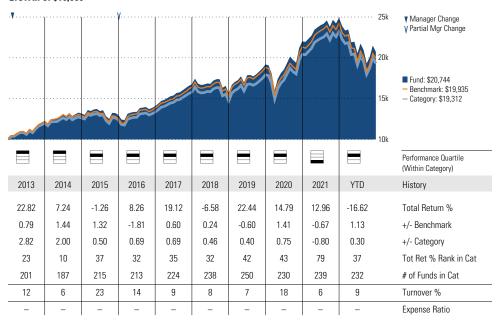
#### **Morningstar Investment Management LLC Analysis**

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

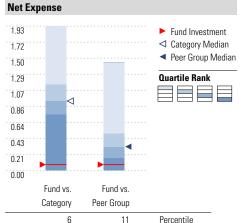
#### Growth of \$10,000



#### **Trailing Performance**



3-Year Risk Metrics



14/233	54/497	Rank					
Peer group is a subset of the category and includes funds with the							
same management style (	active vs. pass	ive) and similar s	hare class				
characteristics							

	Fund	Bmark	Cat
Alpha	0.71	_	0.75
Beta	0.95	_	0.96
R-Squared	99.34	_	98.60
Standard Deviation	16.04	16.88	16.36
Sharpe Ratio	0.19	0.15	0.19
Tracking Error	1.58	_	2.15
Information Ratio	0.43	_	0.38
Up Capture Ratio	97.10	_	99.09
Down Capture Ratio	94.00	_	95.91

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	14.67	14.82	15.66
Price/Book Ratio	2.20	2.18	2.41
Avg Eff Duration	6.83	-	-



# Vanguard Target Retirement 2035 Fund VTTHX

Asset Allocation as of 12-31-2022

**Morningstar Category** Target-Date 2035

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

#### Style Analysis as of 12-31-2022

Morningstar Style Box™



#### Asset Class Net % Cat% US Stocks 42.99 40.88 Non-US Stocks 28.75 22.64 Bonds 27.40 20.95 Cash 2.93 2.82 Other 0.04 10.60 50 100.00 Total 100.00

### Style Breakdown

Equity				Fixed	Income	
18	28	29	Large			
6	9	5	Mid			
2	3	2	Small			
Value	Blend	Growth		Ltd	Mod	E:



#### Weight %

>50 25-50 10-25 0-10

		Fund	Bmark	Cat	Fund	· h	Bencl	hmark	Cate	gory Ave	erage		
Ն	Cyclical	35.42	39.62	35.28						,			
A	Basic Materials	5.11	5.09	4.53									
A	Consumer Cyclical	10.67	11.07	10.72									
<del>,</del>	Financial Services	16.15	15.85	15.69									
ŵ	Real Estate	3.49	7.61	4.34		■[	*						
W	Sensitive	41.56	36.48	40.73								- 1	
d	Communication Services	6.39	5.00	6.28									
•	Energy	5.43	5.34	5.25									
Ф	Industrials	11.36	11.89	10.82			<b></b> 0	' <u>.</u>					
	Technology	18.38	14.25	18.38									
<b>-</b>	Defensive	23.01	23.90	24.00									
Ħ	Consumer Defensive	7.24	7.28	7.02									
+	Healthcare	12.76	13.23	13.79				<b>■</b> []					
•	Utilities	3.01	3.39	3.19		đ i							

<b>Top 6 Holdings</b> as of 12-31-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx InstI PIs	_	41.41	41.41	_	_
◆ Vanguard Total Intl Stock Index Inv	-	29.39	70.80	_	-
⊕ Vanguard Total Bond Market II ldx Inv	-	19.62	90.42	_	_
Ovanguard Total Intl Bd II Idx Insl	_	8.18	98.60	_	_
→ Mktliq 12/31/2049	-	1.36	99.96	-	-
⊕ Us Dollar	_	0.04	100.00	_	_

#### Total Holdings 6



## Vanguard Target Retirement 2040 Fund VFORX

Growth of \$10,000

238

9

222

6

251

21

241

16

**Morningstar Category** Target-Date 2040

Morningstar Index Morningstar Lifetime Mod 2040 TR USD

# of Funds in Cat

Turnover %

Expense Ratio

#### Portfolio Manager(s)

Walter Nejman since 02-2013 William Coleman since 02-2013

#### Quantitative Screens

Performance: The fund has finished in the Target-Date 2040 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 9.86 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 0.08 is 88.06% lower than the Target-Date 2040 category average.

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

#### ▼ Manager Change V Partial Mgr Change ■ Fund: \$21,700 Benchmark: \$20,708 Category: \$19,774 15k 10k Performance Quartile (Within Category) 2013 2014 2015 2016 2017 2018 2019 2020 2021 YTD History 24.37 7.15 -1.59 8.73 20.71 -7.32 23.86 15.47 14.56 -16.98 Total Return % 1.64 1.24 0.84 0.33 -0.49 2.38 -0.79 0.39 1.32 -1.88 +/- Benchmark 4.40 1.90 0.42 0.91 -0.91 0.40 0.78 1.19 0.67 0.34 +/- Category 15 12 43 27 25 37 43 40 81 36 Tot Ret % Rank in Cat

262

5

241

13

243

7

236

7

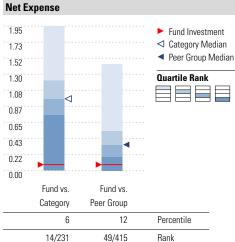
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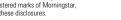


Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	0.68	_	0.66
Beta	0.94	_	0.97
R-Squared	99.31	_	98.66
Standard Deviation	17.33	18.32	17.80
Sharpe Ratio	0.22	0.18	0.21
Tracking Error	1.78	_	2.24
Information Ratio	0.36	_	0.32
Up Capture Ratio	96.67	_	99.40
Down Capture Ratio	93.93	_	96.89

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	14.68	14.67	15.50
Price/Book Ratio	2.20	2.15	2.39
Avg Eff Duration	6.82	_	-

M RNINGSTAR



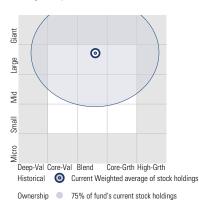
# Vanguard Target Retirement 2040 Fund VFORX

**Morningstar Category** Target-Date 2040

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

### Style Analysis as of 12-31-2022

Morningstar Style Box™



Style Breakdown



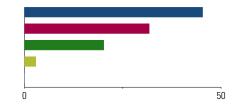




Weight %

>50 25-50 10-25 0-10

#### Asset Allocation as of 12-31-2022



Total	100.00	100.00
Other	0.03	9.88
Cash	2.84	1.88
Bonds	20.13	13.20
Non-US Stocks	31.70	26.05
US Stocks	45.29	48.99
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund ▼ Benchmark	
ı.	Cyclical	35.40	39.59	35.67	Tulid Delicililark   Category Average	1
<u>.</u>	Basic Materials	5.10	5.18	4.55		-1
<u>—</u>	Consumer Cyclical	10.68	11.13	10.69	, , , , , , , , , , , , , , , , , , ,	
e e	Financial Services	16.13	16.00	15.83		
è	Real Estate	3.49	7.28	4.60		
M	Sensitive	41.56	36.57	40.74		
	Communication Services	6.39	5.03	6.21		
ð	Energy	5.42	5.35	5.32		
Ф	Industrials	11.36	11.97	10.92	0,	
	Technology	18.39	14.22	18.29		
<b>-</b>	Defensive	23.04	23.84	23.59		
=	Consumer Defensive	7.24	7.30	7.00		
٠	Healthcare	12.78	13.14	13.53		
•	Utilities	3.02	3.40	3.06		

<b>Top 6 Holdings</b> as of 12-31-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx InstI PIs	_	45.88	45.88	_	_
Ovanguard Total Intl Stock Index Inv	-	32.40	78.28	_	_
◆ Vanguard Total Bond Market II Idx Inv	-	14.45	92.73	_	_
Ovanguard Total Intl Bd II Idx Insl	_	5.98	98.70	_	_
→ Mktliq 12/31/2049	-	1.26	99.96	_	_
⊕ Us Dollar	_	0.04	100.00	_	-

#### Total Holdings 6



## Vanguard Target Retirement 2045 Fund VTIVX

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

#### Portfolio Manager(s)

Walter Nejman since 02-2013 William Coleman since 02-2013

#### **Quantitative Screens**

- Performance: The fund has finished in the Target-Date 2045 category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 9.86 years.
- Net Expense: The fund's expense ratio of 0.08 is 88.06% lower than the Target-Date 2045 category average.

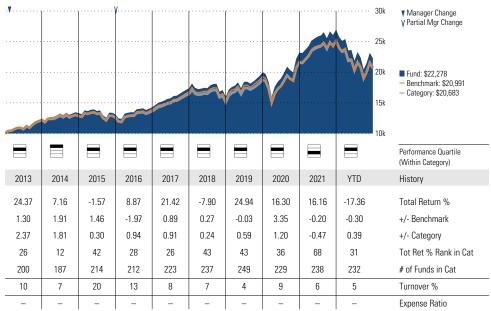
#### **Morningstar Investment Management LLC Analysis**

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

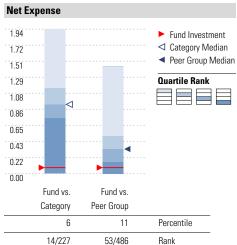
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

### Growth of \$10,000







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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.84	_	0.60
Beta	0.97	_	0.97
R-Squared	99.24	_	98.58
Standard Deviation	18.64	19.22	18.72
Sharpe Ratio	0.24	0.20	0.23
Tracking Error	1.75	_	2.33
Information Ratio	0.47	_	0.27
Up Capture Ratio	99.65	_	99.79
Down Capture Ratio	96.51	_	97.67

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	14.69	14.54	15.52
Price/Book Ratio	2.20	2.13	2.38
Avg Eff Duration	6.82	-	-



# **Vanguard Target Retirement 2045 Fund** VTIVX

Quality

High

Mid

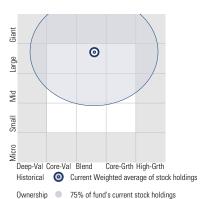
Low

**Morningstar Category** Target-Date 2045

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

#### Style Analysis as of 12-31-2022

Morningstar Style Box™



Fixed Income

Ltd

Mod Duration

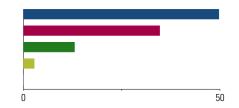
### Style Breakdown

Equity 29 18 27 5 9 6

Large Mid2 3 2

Value Blend Growth

Weight % >50 25-50 10-25 0-10 Asset Allocation as of 12-31-2022



Asset Class Net % Cat% US Stocks 51.87 49.69 Non-US Stocks 34.62 28.18 Bonds 12.96 7.40 Cash 2.69 2.14 Other 0.04 10.41 100.00 100.00 Total

		Fund	Bmark	Cat	Fund		Bench		Cate	A				
					runo	1 ,	Benci	ımark	Cate(	Jory Ave	erage			
b	Cyclical	35.39	39.68	35.58		,								
ů.	Basic Materials	5.10	5.28	4.57										
<b>4</b>	Consumer Cyclical	10.67	11.16	10.77										
<b>,</b>	Financial Services	16.13	16.12	15.74				() <sup>*</sup>						
ŧ	Real Estate	3.49	7.12	4.50		<b>.</b>	'							
M	Sensitive	41.57	36.58	40.60										
	Communication Services	6.39	5.05	6.24										
•	Energy	5.42	5.35	5.25										
<b>Ģ</b>	Industrials	11.36	12.02	10.90		- :		'						
2	Technology	18.40	14.16	18.21				V .		1				
<b>→</b>	Defensive	23.04	23.73	23.82										
	Consumer Defensive	7.24	7.31	7.02			ľ							
٠	Healthcare	12.78	13.02	13.68				<b>[</b> ]						
•	Utilities	3.02	3.40	3.12		0								
					0%	5	10	15	20	25	30	35	40	_

<b>Top 6 Holdings</b> as of 12-31-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt ldx Instl Pls	-	50.34	50.34	_	_
─ Vanguard Total Intl Stock Index Inv	-	35.38	85.72	_	_
⊕ Vanguard Total Bond Market II Idx Inv	-	9.33	95.05	_	_
─ Vanguard Total Intl Bd II Idx Insl	-	3.82	98.87	_	_
	-	1.08	99.95	-	_
⊕ Us Dollar	_	0.05	100.00	-	_

Total Holdings 6

## Vanguard Target Retirement 2050 Fund VFIFX

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

# of Funds in Cat

Turnover %

Expense Ratio

#### Portfolio Manager(s)

Walter Nejman since 02-2013 William Coleman since 02-2013

#### Quantitative Screens

- Performance: The fund has finished in the Target-Date 2050 category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 9.86 years.
- Net Expense: The fund's expense ratio of 0.08 is 88.24% lower than the Target-Date 2050 category average.

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

#### Growth of \$10,000 ▼ Manager Change V Partial Mgr Change ■ Fund: \$22,314 Benchmark: \$20,958 Category: \$20,565 15k 10k Performance Quartile (Within Category) 2013 2014 2015 2016 2017 2018 2019 2020 2021 YTD History 24.34 7.18 -1.58 8.85 21.39 -7.90 24.98 16.39 16.41 -17.46 Total Return % 2.18 1.61 -2.04 0.61 0.51 -0.11 3.48 -0.19 -0.55 1.51 +/- Benchmark 1.76 0.72 -0.71 3.32 0.43 0.63 0.51 0.44 1.14 0.52 +/- Category 30 16 45 29 38 37 47 37 74 29 Tot Ret % Rank in Cat

262

3

240

9

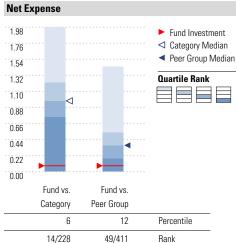
241

5

233

4





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

3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	0.79	_	0.54
Beta	0.96	_	0.97
R-Squared	99.15	_	98.50
Standard Deviation	18.82	19.56	19.14
Sharpe Ratio	0.25	0.21	0.23
Tracking Error	1.92	_	2.37
Information Ratio	0.40	_	0.23
Up Capture Ratio	99.12	_	100.31
Down Capture Ratio	96.22	_	98.47

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	14.69	14.42	15.55
Price/Book Ratio	2.20	2.11	2.38
Avg Eff Duration	6.83	_	-



222

9

211

7

240

18

233

12

248

258

7

# Vanguard Target Retirement 2050 Fund VFIFX

Quality

High

Mid

Low

#### Morningstar Category Target-Date 2050

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

#### Style Analysis as of 12-31-2022

Morningstar Style Box™



## Style Breakdown

Equity 17 27 29 6 9 5

6 9 5 2 3 2

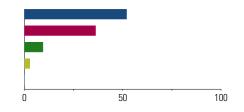
Value Blend Growth

Mid Small Ltd Mod Ext Duration

Fixed Income

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

#### Asset Allocation as of 12-31-2022



Asset Class Net % Cat% US Stocks 51.89 54.64 Non-US Stocks 36.11 28.82 Bonds 9.33 5.08 Cash 2.64 1.99 Other 0.04 9.48 100.00 Total 100.00

		Fund	Bmark	Cat	Fund	d t	Bencl	nmark	Cate	gory Ave	erage	_	
Ն	Cyclical	35.39	39.86	35.88									
ā.	Basic Materials	5.09	5.36	4.51									
<b>A</b>	Consumer Cyclical	10.68	11.18	10.78									
ê	Financial Services	16.13	16.21	15.74									
th.	Real Estate	3.49	7.11	4.85		<b>[</b>	1						
M	Sensitive	41.56	36.56	40.44									
	Communication Services	6.39	5.06	6.18									
•	Energy	5.42	5.36	5.19									
¢	Industrials	11.35	12.06	10.90			0	' _					
	Technology	18.40	14.08	18.17					<b>=</b> []	- :			
<b>→</b>	Defensive	23.04	23.58	23.68						<b>■</b> [] :			
=	Consumer Defensive	7.25	7.30	6.97			Ĭ						
٠	Healthcare	12.77	12.89	13.63		_ :	1	<b>[</b> ]					
•	Utilities	3.02	3.39	3.08		ſ							

<b>Top 6 Holdings</b> as of 12-31-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx InstI PIs	_	52.56	52.56	_	_
─ Vanguard Total Intl Stock Index Inv	_	36.90	89.46	_	_
─ Vanguard Total Bond Market II ldx Inv	_	6.67	96.13	_	_
─ Vanguard Total Intl Bd II Idx Insl	_	2.79	98.93	_	_
	-	1.04	99.97	_	_
⊕ Us Dollar	-	0.03	100.00	-	_

Total Holdings 6



## Vanguard Target Retirement 2055 Fund VFFVX

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

#### Portfolio Manager(s)

Walter Nejman since 02-2013 William Coleman since 02-2013

#### Quantitative Screens

Performance: The fund has finished in the Target-Date 2055 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 9.86 years.

Net Expense: The fund's expense ratio of 0.08 is 88.24% lower than the Target-Date 2055 category average.

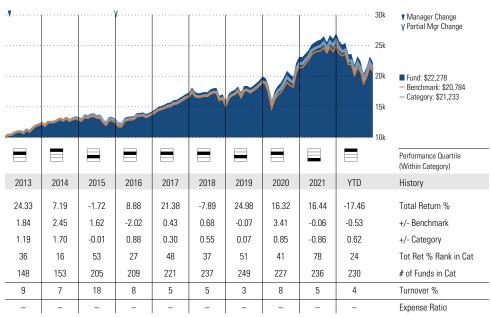
#### **Morningstar Investment Management LLC Analysis**

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

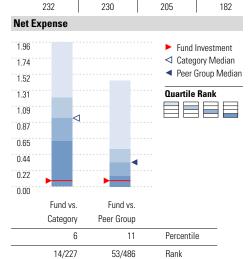
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

#### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 12-31-2022 Fund Benchmark 0 Category -5 -10 -15 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 yea 5 year 9.23 -17.463.79 5.18 8.34 8.97 Fund Return % 10.59 -16.93 3.00 4.55 7.59 6.94 Benchmark Return % -18 08 3 59 7 90 9.13 4 93 Category Average % 55 24 38 39 25 % Rank in Category 95 # of Funds in Category



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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.82	_	0.60
Beta	0.95	_	0.97
R-Squared	99.11	_	98.44
Standard Deviation	18.83	19.64	19.28
Sharpe Ratio	0.24	0.20	0.23
Tracking Error	1.99	-	2.41
Information Ratio	0.40	-	0.25
Up Capture Ratio	98.88	-	100.91
Down Capture Ratio	95.88	-	98.86

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	14.69	14.31	15.34
Price/Book Ratio	2.20	2.08	2.33
Avg Eff Duration	6.82	-	_



# Vanguard Target Retirement 2055 Fund VFFVX

Quality

High

Mid

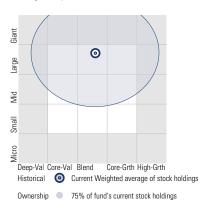
Low

**Morningstar Category** Target-Date 2055

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

#### Style Analysis as of 12-31-2022

Morningstar Style Box™



Large

Mid

Ltd

Mod Duration

Fixed Income

### Style Breakdown

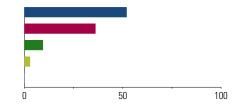
Equity 29 17 27 5 6 9

2 3 2

Value Blend Growth

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

### Asset Allocation as of 12-31-2022



Asset Class Net % Cat% US Stocks 54.52 51.89 Non-US Stocks 36.04 31.50 Bonds 9.30 4.37 Cash 2.73 1.45 Other 0.04 8.15 Total 100.00 100.00

Sec	ctor Weighting as of 12-	31-2022			
		Fund	Bmark	Cat	Fund Fenchmark Category Average
<sub>Մ</sub>	Cyclical	35.40	40.09	36.07	
å.	Basic Materials	5.10	5.43	4.70	
Д	Consumer Cyclical	10.68	11.19	10.70	
ê	Financial Services	16.13	16.29	15.76	
<b>fi</b>	Real Estate	3.49	7.18	4.91	
W	Sensitive	41.57	36.50	40.48	
	Communication Services	6.39	5.08	6.33	
ð	Energy	5.42	5.34	5.30	
<b>Ģ</b>	Industrials	11.35	12.09	10.81	
	Technology	18.41	13.99	18.04	
<b>→</b>	Defensive	23.04	23.41	23.45	
=	Consumer Defensive	7.24	7.28	6.95	
٠	Healthcare	12.79	12.75	13.44	
•	Utilities	3.01	3.38	3.06	
					0% 5 10 15 20 25 30 35 40 4

<b>Top 6 Holdings</b> as of 12-31-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx InstI PIs	_	52.56	52.56	_	_
─ Vanguard Total Intl Stock Index Inv	_	36.83	89.39	_	-
⊕ Vanguard Total Bond Market II Idx Inv	-	6.68	96.08	_	_
─ Vanguard Total Intl Bd II Idx Insl	_	2.75	98.83	_	-
	-	1.15	99.97	-	_
⊕ Us Dollar	-	0.03	100.00	-	_

#### Total Holdings 6



## Vanguard Target Retirement 2060 Fund VTTSX

Morningstar Category Target-Date 2060 Morningstar Index

Morningstar Mod Tgt Risk TR USD

#### Portfolio Manager(s)

Walter Nejman since 02-2013 William Coleman since 02-2013

#### Quantitative Screens

Performance: The fund has finished in the Target-Date 2060 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 9.86 years.

Net Expense: The fund's expense ratio of 0.08 is 88.24% lower than the Target-Date 2060 category average.

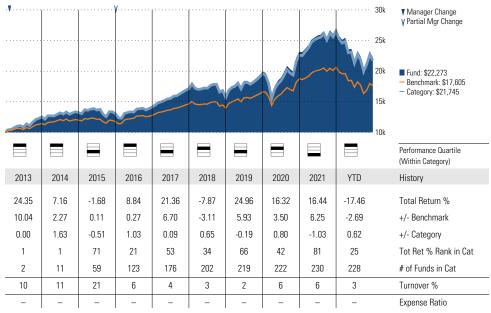
#### **Morningstar Investment Management LLC Analysis**

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

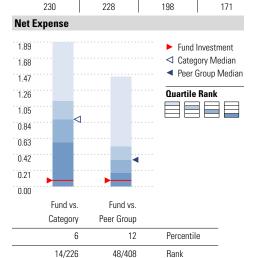
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

## Growth of \$10,000







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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.59	_	1.40
Beta	1.35	_	1.39
R-Squared	98.56	_	97.51
Standard Deviation	18.81	13.80	19.38
Sharpe Ratio	0.24	0.15	0.23
Tracking Error	5.37	_	6.19
Information Ratio	0.34	_	0.27
Up Capture Ratio	143.44	_	147.22
Down Capture Ratio	136.23	_	141.29

# of Funds in Category

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	14.70	14.25	15.56
Price/Book Ratio	2.20	2.06	2.39
Avg Eff Duration	6.83	-	-



# Vanguard Target Retirement 2060 Fund VTTSX

Quality High MidLow

#### **Morningstar Category Morningstar Index** Target-Date 2060 Morningstar Mod Tgt Risk TR USD

### Style Analysis as of 12-31-2022

Morningstar Style Box™



Fixed Income

Mod Duration

### Style Breakdown

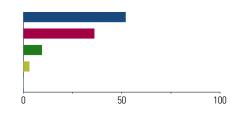
Equity

17	27	29	Large	
6	9	5	Mid	
2	3	2	Small	
Value	Blend	Growth		Ιt

Weight %

>50 25-50 10-25 0-10

# Asset Allocation as of 12-31-2022



Total	100 00	100 00
Other	0.04	5.50
Cash	2.86	2.18
Bonds	9.27	4.78
Non-US Stocks	35.94	31.95
US Stocks	51.88	55.61
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-3	31-2022			
		Fund	Bmark	Cat	Fund • Benchmark [] Category Average
<b>Դ</b>	Cyclical	35.37	40.07	35.75	
A.	Basic Materials	5.09	5.43	4.73	
<b>A</b>	Consumer Cyclical	10.67	11.02	10.92	
<u></u>	Financial Services	16.12	16.47	15.50	<b></b> j'
<b>fi</b>	Real Estate	3.49	7.15	4.60	
M	Sensitive	41.58	35.93	40.48	) I
	Communication Services	6.39	5.20	6.37	
ð	Energy	5.42	5.40	5.27	
¢	Industrials	11.35	11.52	10.84	0'
	Technology	18.42	13.81	18.00	
<b>→</b>	Defensive	23.04	24.00	23.79	
=	Consumer Defensive	7.24	7.49	6.98	· ·
٠	Healthcare	12.79	12.82	13.81	
•	Utilities	3.01	3.69	3.00	
					0% 5 10 15 20 25 30 35 40

<b>Top 6 Holdings</b> as of 12-31-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx InstI PIs	_	52.56	52.56	_	_
─ Vanguard Total Intl Stock Index Inv	-	36.73	89.29	_	-
⊕ Vanguard Total Bond Market II Idx Inv	-	6.63	95.92	_	_
─ Vanguard Total Intl Bd II Idx Insl	-	2.78	98.70	_	_
	-	1.27	99.96	-	-
⊕ Us Dollar	_	0.04	100.00	_	_

Total Holdings 6

## Vanguard Target Retirement 2065 Fund VLXVX

Morningstar Category Target-Date 2065+ Morningstar Index

Morningstar Mod Tgt Risk TR USD

#### Portfolio Manager(s)

Walter Nejman since 07-2017 William Coleman since 07-2017

#### **Quantitative Screens**

- × Performance: The fund has finished in the Target-Date 2065+ category's top three quartiles in 3 of the 5 years it's been in existence.
- Management: The fund's management has been in place for 5.47 years.
- Net Expense: The fund's expense ratio of 0.08 is 87.3% lower than the Target-Date 2065+ category average.

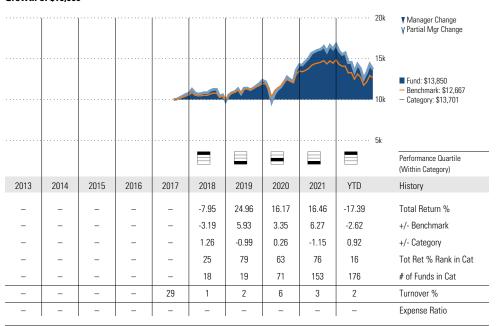
#### **Morningstar Investment Management LLC Analysis**

This fund fails our performance consistency screen but we maintain our long-term conviction in this target-date series and continue to be comfortable recommending it for retirement plans. This fund also fails our style screen, but because it is a target-date fund we do not consider this a concern.

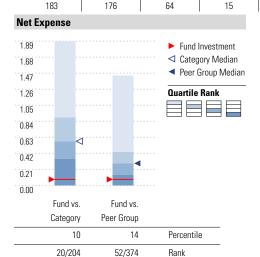
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

#### Growth of \$10,000







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

3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	1.58	_	1.46
Beta	1.35	_	1.43
R-Squared	98.55	_	97.93
Standard Deviation	18.82	13.80	19.94
Sharpe Ratio	0.24	0.15	0.24
Tracking Error	5.39	-	6.59
Information Ratio	0.34	-	0.26
Up Capture Ratio	143.49	-	151.52
Down Capture Ratio	136.35	-	145.37

Portfolio Metrics									
	Fund	Bmark	Cat						
Price/Earnings Ratio	14.73	14.25	15.08						
Price/Book Ratio	2.21	2.06	2.30						
Avg Eff Duration	6.85	-	-						



# Vanguard Target Retirement 2065 Fund VLXVX

Asset Allocation as of 12-31-2022

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

Morningstar Mod Tgt Risk TR USD

Style Analysis as of 12-31-2022

Morningstar Style Box™

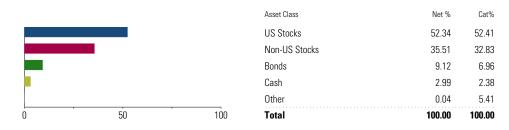


### Style Breakdown

Equity				Fixed	Quality		
17	27	29	Large				High
6	9	5	Mid				Mid
2	3	2	Small				Low
Value	Blend	Growth		Ltd Durat	Mod ion	Ext	

Weight %

>50 25-50 10-25 0-10



		Fund	Bmark	Cat	Fun	d '	Bench	nmark	Cate	gory Ave	erage	_	
ŀ	Cyclical	35.31	40.07	35.54								- 1	
i.	Basic Materials	5.06	5.43	4.93									
4	Consumer Cyclical	10.67	11.02	10.75									
<b>,</b>	Financial Services	16.09	16.47	15.79									
ŧ	Real Estate	3.49	7.15	4.07		■[]	7						
M	Sensitive	41.63	35.93	41.05									
₫	Communication Services	6.40	5.20	6.39									
ð	Energy	5.42	5.40	5.38			_						
¢	Industrials	11.33	11.52	11.12									
	Technology	18.48	13.81	18.16				•		_ :			
<b>→</b>	Defensive	23.06	24.00	23.40					•	<b>[</b> ]			
=	Consumer Defensive	7.23	7.49	7.17			]						
٠	Healthcare	12.82	12.82	13.27				■[]					
•	Utilities	3.01	3.69	2.96		0							

<b>Top 6 Holdings</b> as of 12-31-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Instl PIs	_	53.03	53.03	_	_
⊕ Vanguard Total Intl Stock Index Inv	-	36.28	89.31	_	-
	-	6.32	95.63	_	-
○ Vanguard Total Intl Bd II Idx Insl	-	2.93	98.56	_	-
⊕ Mktliq 12/31/2049	-	1.36	99.91	-	-
① Us Dollar	-	0.09	100.00	-	_

#### Total Holdings 6



## Vanguard Target Retirement 2070 Fund VSVNX

#### Morningstar Category Target-Date 2065+

#### Morningstar Index

Morningstar Mod Tgt Risk TR USD

#### Portfolio Manager(s)

Walter Nejman since 06-2022 William Coleman since 06-2022

#### **Quantitative Screens**

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

- × *Management:* The fund's management team has been in place for less than three years.
- Net Expense: The fund's expense ratio of 0.08 is 87.3% lower than the Target-Date 2065+ category average.

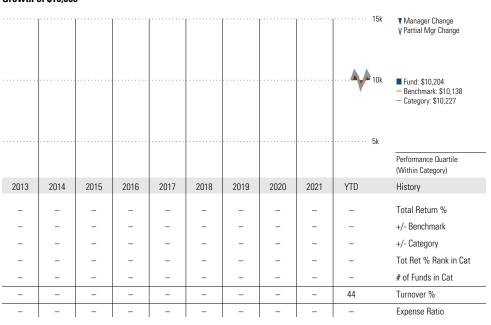
#### **Morningstar Investment Management LLC Analysis**

This fund fails the manager tenure screen due to a limited history for this target-date vintage.

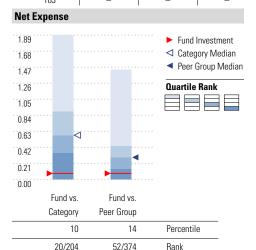
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022

#### Growth of \$10,000







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

3- Tear hisk Wellics			
	Fund	Bmark	Cat
Alpha	_	_	1.46
Beta	_	_	1.43
R-Squared	_	_	97.93
Standard Deviation	_	13.80	19.94
Sharpe Ratio	_	0.15	0.24
Tracking Error	_	_	6.59
Information Ratio	_	_	0.26
Up Capture Ratio	_	_	151.52
Down Capture Ratio	_	_	145.37

Portfolio Metrics									
	Fund	Bmark	Cat						
Price/Earnings Ratio	14.78	14.25	15.08						
Price/Book Ratio	2.22	2.06	2.30						
Avg Eff Duration	6.83	-	-						



# Vanguard Target Retirement 2070 Fund VSVNX

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

Morningstar Mod Tgt Risk TR USD

Style Analysis as of 12-31-2022

Morningstar Style Box™





50

Asset Allocation as of 12-31-2022

Asset Class Net % Cat% US Stocks 53.23 52.41 Non-US Stocks 35.06 32.83 Bonds 9.78 6.96 Cash 1.89 2.38 Other 0.04 5.41 Total 100.00 100.00

Style	Breakd	lown

Equity				Fixed	Income	
17	27	29	Large			
6	9	5	Mid			
2	3	2	Small			
Value	Blend	Growth		Ltd	Mod	E>

Quality High Mid Low Duration

Weight %

>50 25-50 10-25 0-10

		Fund	Bmark	Cat	Fund	•	Bench	ımark	Cateo	gory Ave	erage	
٠	Cyclical	35.23	40.07	35.54								
÷.	Basic Materials	5.02	5.43	4.93								
4	Consumer Cyclical	10.66	11.02	10.75								
÷	Financial Services	16.06	16.47	15.79								
ŧ	Real Estate	3.49	7.15	4.07		0 '						_
W	Sensitive	41.68	35.93	41.05								•
d	Communication Services	6.41	5.20	6.39								
•	Energy	5.41	5.40	5.38								
<b>\$</b>	Industrials	11.30	11.52	11.12		Ė						
	Technology	18.56	13.81	18.16				•	<b>(</b> )	_ :		
<b>→</b>	Defensive	23.10	24.00	23.40					•			
	Consumer Defensive	7.23	7.49	7.17			'					
۲	Healthcare	12.86	12.82	13.27				■[]				
<b>?</b>	Utilities	3.01	3.69	2.96		'						

100

<b>Top 6 Holdings</b> as of 12-31-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Stock Mkt Idx InstI Pls	_	53.94	53.94	_	_
Vanguard Total Intl Stock Index Inv	_	35.81	89.74	_	-
Vanguard Total Bond Market II ldx Inv	_	6.95	96.69	_	-
Vanguard Total Intl Bd II Idx Insl	_	2.96	99.66	_	-
	-	0.17	99.83	-	-
① Us Dollar	_	0.17	100.00	_	_

Total Holdings 6



## Vanguard Target Retirement Income Fund VTINX

**Morningstar Category** Target-Date Retirement Morningstar Index Morningstar Lifetime Mod Incm TR USD

#### Portfolio Manager(s)

Walter Nejman since 02-2013 William Coleman since 02-2013

#### **Quantitative Screens**

Performance: The fund has finished in the Target-Date Retirement 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 9.86 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 0.08 is 87.3% lower than the Target-Date Retirement category average.

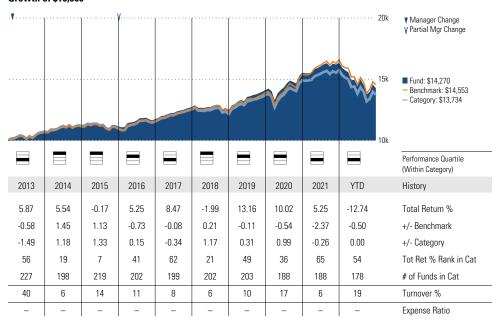
#### **Morningstar Investment Management LLC Analysis**

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

#### **ESG Metrics**

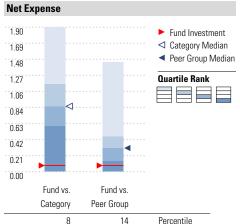
Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
ESG Commitment	1-Low	02-15-2022

#### Growth of \$10,000



#### **Trailing Performance**





14/176	59/424	Rank							
Peer group is a subset of the category and includes funds with the									
same management style (a	active vs. pass	ive) and similar share	class						
charactoristics									

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.97	_	-1.17
Beta	0.88	_	0.93
R-Squared	97.86	_	95.69
Standard Deviation	8.59	9.66	9.25
Sharpe Ratio	-0.02	0.11	-0.04
Tracking Error	1.71	_	2.32
Information Ratio	-0.65	_	-0.58
Up Capture Ratio	84.92	_	88.54
Down Capture Ratio	92.19	-	97.44

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	14.69	15.70	15.08
Price/Book Ratio	2.20	2.34	2.23
Avg Eff Duration	5.81	-	-



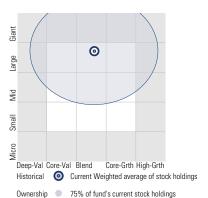
# Vanguard Target Retirement Income Fund VTINX

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

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

#### Style Analysis as of 12-31-2022

Morningstar Style Box™



### Style Breakdown

Equity

Weight %

-quit,			
18	27	29	Large
6	9	5	Mid
2	3	2	Small
Value	Dland	Croudh	

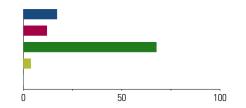
Quality High Μid Low Ltd Mod Duration

Fixed Income

Value Blend Growth

>50 25-50 10-25 0-10

#### Asset Allocation as of 12-31-2022



Asset Class Net % Cat% US Stocks 16.96 18.64 Non-US Stocks 11.83 10.39 Bonds 67.58 53.86 Cash 3.60 4.77 Other 0.02 12.36 Total 100.00 100.00

												31-2022	ctor Weighting as of 12-	Sec
			age	ry Aver	Catego	nark	Bench	•	Fund	Cat	Bmark	Fund		
1										37.98	39.73	35.36	Cyclical	Ն
								Ó		4.44	4.53	5.09	Basic Materials	i.
						1				9.84	10.73	10.66	Consumer Cyclical	-
										15.17	15.04	16.13	Financial Services	ê
										8.53	9.43	3.48	Real Estate	b
										39.11	36.03	41.58	Sensitive	M
										6.02	4.90	6.38	Communication Services	
										5.13	5.27	5.44	Energy	•
										10.18	11.36	11.36	Industrials	Ф
						•				17.78	14.50	18.40	Technology	
										22.90	24.24	23.07	Defensive	<b>→</b>
										6.98	7.19	7.25	Consumer Defensive	
										12.69	13.68	12.79	Healthcare	٠
										3.23	3.37	3.03	Utilities	•
_	_	35	30	25	20	 15	10	5	0%	0.20	3.37	3.03	Othitics	Ŧ

<b>Top 7 Holdings</b> as of 12-31-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Bond Market II Idx Inv	_	36.94	36.94	_	_
⊕ Vanguard Total Stock Mkt Idx Instl Pls	_	17.18	54.12	_	_
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	_	16.60	70.72	_	_
─ Vanguard Total Intl Bd II Idx Insl	_	15.92	86.64	_	_
O Vanguard Total Intl Stock Index Inv	-	12.10	98.73	-	-
⊕ Mktliq 12/31/2049	_	1.23	99.96	_	_
① Us Dollar	_	0.04	100.00	_	_

#### Total Holdings 7

## Victory Sycamore Small Company Opp I VSOIX

Morningstar Category

Small Value

Morningstar Index

Russell 2000 Value TR USD

#### Portfolio Manager(s)

Gary Miller since 06-1998 Gregory Conners since 03-2002 Jeffrey Graff since 03-2007 Michael Rodarte since 12-2012 James Albers since 12-2012

#### **Quantitative Screens**

- Performance: The fund has finished in the Small Value category's top three quartiles in 9 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 24.6 years.
- $\times$  Style: The fund has landed in its primary style box Small Value 30 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.89 is 21.93% lower than the Small Value category average.

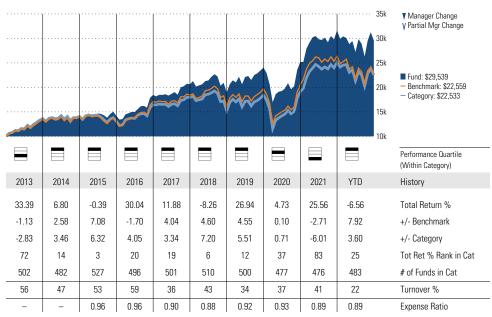
#### **Morningstar Investment Management LLC Analysis**

This fund fails our style screen due to edging from value into blend but its portfolio positioning is consistent with the overall investment strategy.

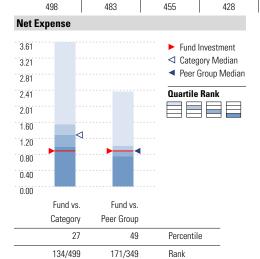
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	01-31-2023
Carbon Risk Score	Medium Risk	12-31-2022

#### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 12-31-2022 Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 3 year 10 year Since Inception 5 year 12.32 -6.56 7.11 7.43 11.44 9.05 Fund Return % 8.42 -14.48 4.70 4.13 8.48 12.09 Benchmark Return % 11.20 -10 16 7.06 8 67 4 77 Category Average % 32 25 42 12 4 % Rank in Category 324 # of Funds in Category



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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	2.60	_	2.07
Beta	0.84	_	0.99
R-Squared	93.77	_	95.05
Standard Deviation	23.93	27.66	28.15
Sharpe Ratio	0.37	0.27	0.34
Tracking Error	7.47	_	6.45
Information Ratio	0.32	_	0.30
Up Capture Ratio	89.86	_	101.40
Down Capture Ratio	82.76	_	96.46

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	14.09	9.22	11.62
Price/Book Ratio	2.06	1.27	1.60
Geom Avg Mkt Cap \$B	3.27	1.83	3.75
ROE	16.95	7.83	16.18



# Victory Sycamore Small Company Opp I VSOIX

Morningstar Category

Small Value

Morningstar Index

Russell 2000 Value TR USD

### Style Analysis as of 12-31-2022

Morningstar Style Box™



### Style Breakdown

Equity

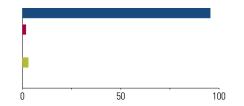
. ,			
0	0	0	Large
1	7	4	MIN
20	54	13	Silidii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

#### Asset Allocation as of 12-31-2022



Total	100.00	100.00
Other	0.00	-0.09
Cash	2.86	2.15
Bonds	0.00	0.01
Non-US Stocks	1.67	3.16
US Stocks	95.47	94.78
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund ▼ Benchmark [] Category Average
,	Cyclical	45.61	53.37	51.23	
	Basic Materials	6.41	3.54	5.91	
•	Consumer Cyclical	13.66	10.46	13.69	
	Financial Services	18.30	26.33	24.71	
ì	Real Estate	7.24	13.04	6.92	
Ħ	Sensitive	41.89	27.36	35.63	
	Communication Services	1.16	2.76	1.82	
)	Energy	3.31	5.77	6.46	
ŀ	Industrials	26.91	12.28	18.23	
1	Technology	10.51	6.55	9.12	
+	Defensive	12.50	19.27	13.13	
-	Consumer Defensive	4.85	3.50	4.03	<b>—</b> )
	Healthcare	3.70	10.57	6.21	
1	Utilities	3.95	5.20	2.89	

<b>Top 15 Holdings</b> as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Cash	2.86	2.86	_	_
	1.70	4.56	6.11	Financial Services
SouthState Corp	1.56	6.12	-2.21	Financial Services
⊕ Bank of Hawaii Corp	1.54	7.66	-4.06	Financial Services
⊕ UMB Financial Corp	1.45	9.11	-19.89	Financial Services
⊕ Wintrust Financial Corp	1.41	10.52	-5.44	Financial Services
Werner Enterprises Inc	1.39	11.91	-14.46	Industrials
⊕ Sonoco Products Co	1.36	13.27	8.19	Consumer Cyclical
⊕ Littelfuse Inc	1.36	14.63	-29.31	Technology
⊕ Columbia Sportswear Co	1.34	15.97	-8.89	Consumer Cyclical
→ PDC Energy Inc	1.34	17.30	34.13	Energy
⊕ Four Corners Property Trust Inc	1.31	18.61	-7.28	Real Estate
⊕ Rayonier Inc	1.30	19.91	-15.55	Real Estate
⊖ Silgan Holdings Inc	1.29	21.20	22.50	Consumer Cyclical
Hexcel Corp	1.29	22.50	14.38	Industrials

**Total Holdings** 105

