# **American Century Inflation Adjs Bond R5** AIANX

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

#### Portfolio Manager(s)

Robert Gahagan since 11-2001 James Platz since 09-2007 Miguel Castillo since 02-2014

#### **Quantitative Screens**

Q Performance: The fund has finished in the InflationProtected 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 20.59 years.

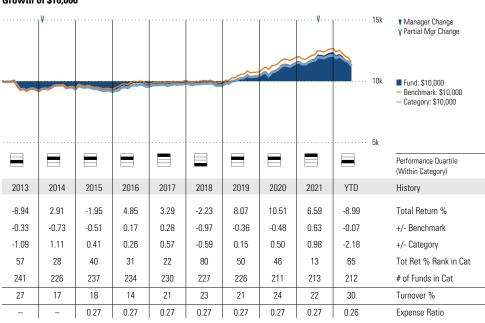
Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.27 is
 53.45% lower than the Inflation-Protected Bond category average.

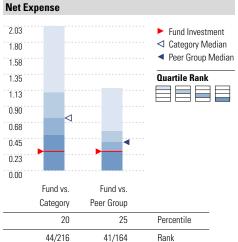
#### **Morningstar Investment Management LLC Analysis**

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.

# 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 Wietrics			
	Fund	Bmark	Cat
Alpha	-0.18	_	0.12
Beta	1.03	_	0.90
R-Squared	97.26	_	81.19
Standard Deviation	5.25	5.01	5.14
Sharpe Ratio	0.47	0.51	0.51
Tracking Error	0.88	-	2.40
Information Ratio	-0.11	-	-0.31
Up Capture Ratio	101.26	-	90.59
Down Capture Ratio	103.57	_	89.58

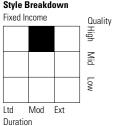
Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	7.36	4.52	6.23
Avg Eff Maturity	7.74	-	7.41

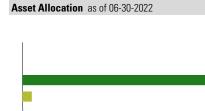


# American Century Inflation Adjs Bond R5 AIANX

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

**Style Analysis** as of 06-30-2022 **Style Breakdown** 





50

Asset Class US Stocks	Net % 0.00	Cat% 0.11
Non-US Stocks	0.00	0.00
Bonds	95.21	94.74
Cash	4.58	4.31
Other	0.20	0.83
Total	100.00	100.00

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	88.81	0.00	87.52
AA	1.16	99.60	8.49
A	2.59	0.00	0.26
BBB	3.32	0.00	0.89
BB	0.09	0.00	0.23
В	0.00	0.00	0.05
Below B	0.00	0.00	0.10
Not Rated	4.03	0.40	2.46

Sector Weighting as of 06-						
	Fund	Bmark	Cat	Fund	▼ Benchmark	Category Average
Government	86.73	-	86.62			
Treasury	0.00	-	0.41			
Inflation – Protected	65.08	-	81.67			
Agency/Quasi Agency	0.00	_	0.03			
Other Government Related	21.65	_	4.51			
Corporate	3.20	-	2.90			
Corporate Bond	3.04	_	2.60			
Bank Loan	0.00	_	0.20			
Convertible	0.16	_	0.10			
Preferred	0.00	_	0.00			
Securitized	4.48	-	4.98			
Agency MBS Pass-Through	0.00	_	0.60			
Agency MBS ARM	0.00	_	0.00			
Agency MBS CMO	0.03	-	0.68			
Non-Agency Residential MBS	0.11	-	0.25			
Commercial MBS	1.09	_	0.69			
Asset-Backed	3.25	_	2.54			
Covered Bond	0.00	_	0.22			
Municipal	0.00	-	0.02			
Cash & Equivalents	5.58	_	4.53			
Other	0.00	_	0.92			

100

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Notes 0.125%	10-2025	6.44	6.44	_
⊕ United States Treasury Notes 0.625%	01-2026	5.15	11.59	_
⊕ United States Treasury Bonds 2%	01-2026	3.89	15.49	_
⊕ 5 Year Treasury Note Future June 22	06-2022	3.45	18.94	_
→ United States Treasury Notes 0.125%	01-2023	3.43	22.37	-
⊕ United States Treasury Notes 0.25%	01-2025	2.96	25.32	_
⊕ United States Treasury Bonds 1.375%	02-2044	2.90	28.22	_
⊕ United States Treasury Notes 0.5%	01-2028	2.79	31.01	_
⊕ Landesbank Baden Wurttemberg New York Branch 0%	04-2022	2.73	33.74	_
⊕ United States Treasury Notes 0.125%	01-2031	2.72	36.46	_

Total Holdings 216



# American Funds AMCAP R6 RAFGX

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

Morningstar Index

Russell 1000 Growth TR USD

### Portfolio Manager(s)

James Terrile since 05-2011 Lawrence Solomon since 05-2011 Aidan O'Connell since 07-2015 Jessica Spaly since 10-2017 Martin Jacobs since 05-2018 Cheryl Frank since 10-2018 Gregory Wendt since 05-2019 Eric Stern since 11-2019

#### **Quantitative Screens**

Performance: The fund has finished in the Large Growth 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 11.17 years.

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

Net Expense: The fund's expense ratio of 0.33 is 65.63% lower than the Large Growth category average.

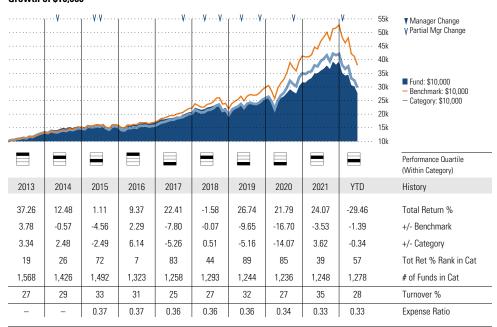
#### **Morningstar Investment Management LLC Analysis**

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

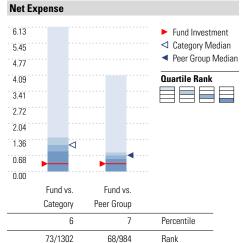
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	05-31-2022
Carbon Risk Score	Low Risk	03-31-2022

### Growth of \$10,000







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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-5.40	_	-3.87
Beta	0.87	_	0.98
R-Squared	90.90	_	92.23
Standard Deviation	19.18	21.09	21.51
Sharpe Ratio	0.32	0.64	0.44
Tracking Error	6.43	_	6.03
Information Ratio	-1.16	_	-0.87
Up Capture Ratio	72.21	_	86.89
Down Capture Ratio	88.28	_	98.97

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	26.76	24.98	23.80
Price/Book Ratio	5.96	8.79	6.54
Geom Avg Mkt Cap \$B	118.04	250.47	284.82
ROE	25.57	42.14	37.75





# American Funds AMCAP R6 RAFGX

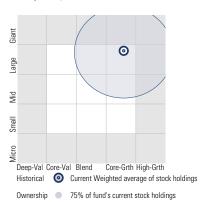
### **Morningstar Category** Large Growth

Morningstar Index

Russell 1000 Growth TR USD

## Style Analysis as of 06-30-2022

Morningstar Style Box™



## Style Breakdown

Equity

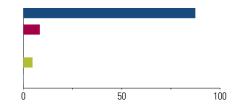
5	25	43	Large
2	7	15	Mid
1	2	1	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

### Asset Allocation as of 06-30-2022



Total	100.00	100.00
Other	0.10	0.51
Cash	4.47	1.71
Bonds	0.00	-0.01
Non-US Stocks	8.15	4.05
US Stocks	87.28	93.74
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund ▼ Benchmark
وا	Cyclical	28.52	24.62	29.21	
À.	Basic Materials	0.95	1.22	1.58	
	Consumer Cyclical	16.27	15.13	16.09	
<u></u>	Financial Services	10.51	6.48	9.94	
à	Real Estate	0.79	1.79	1.60	
Ųľ	Sensitive	47.19	56.65	53.13	
	Communication Services	12.64	8.15	11.26	
	Energy	0.94	1.47	1.81	
ž	Industrials	7.71	7.43	5.93	
3	Technology	25.90	39.60	34.13	
+	Defensive	24.28	18.72	17.66	
Ę	Consumer Defensive	3.73	6.43	3.72	
ı	Healthcare	20.55	12.23	13.42	
1	Utilities	0.00	0.06	0.52	

<b>Top 15 Holdings</b> as of 06-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	5.45	5.45	-23.27	Technology
⊕ Amazon.com Inc	4.47	9.93	-36.29	Consumer Cyclical
	4.36	14.28	_	_
⊕ UnitedHealth Group Inc	3.41	17.69	2.91	Healthcare
⊕ Netflix Inc	3.17	20.86	-70.97	Communication Svc
⊕ Broadcom Inc	2.75	23.61	-25.76	Technology
	2.51	26.13	-24.78	Communication Svc
Alphabet Inc Class C	2.37	28.50	-24.40	Communication Svc
Abbott Laboratories	2.32	30.82	-22.13	Healthcare
⊕ Mastercard Inc Class A	2.23	33.06	-11.93	Financial Services
→ Thermo Fisher Scientific Inc	2.02	35.08	-18.49	Healthcare
⊕ Hilton Worldwide Holdings Inc	1.62	36.70	-28.46	Consumer Cyclical
	1.56	38.26	-52.06	Communication Svc
	1.36	39.63	-34.97	Technology
Micron Technology Inc     Micron Te	1.23	40.85	-40.55	Technology

### **Total Holdings 216**



## American Funds American Balanced R6 RLBGX

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

Fauity

Morningstar US Mod Tgt Alloc NR USD

Expense Ratio

#### Portfolio Manager(s)

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

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

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 23.51 years.

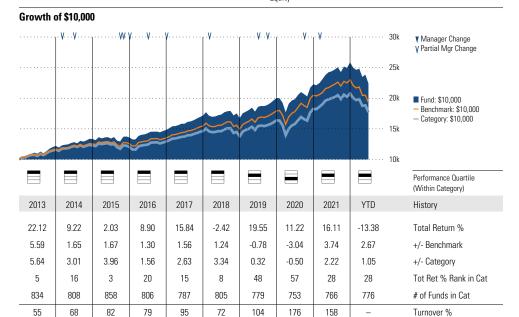
✓ Net Expense: The fund's expense ratio of 0.25 is
75.73% lower than the Allocation--50% to 70% Equity
category average.

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2022
Carbon Risk Score	Low Risk	03-31-2022
ESG Commitment	1-Low	02-15-2022





0.27

0.26

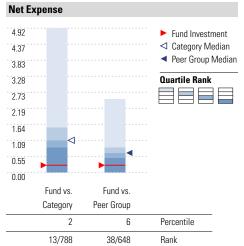
0.25

0.28

0.28

0.29

0.29



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

	Fund	Bmark	Cat
Alpha	1.77	_	-0.38
Beta	0.94	_	1.02
R-Squared	96.66	_	93.07
Standard Deviation	11.38	11.84	12.60
Sharpe Ratio	0.55	0.40	0.36
Tracking Error	2.18	_	3.26
Information Ratio	0.74	_	-0.11
Up Capture Ratio	103.00	_	100.35
Down Capture Ratio	92.77	-	103.04

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	18.34	16.17	16.05
Price/Book Ratio	3.56	2.64	2.58
Avg Eff Duration	7.18	6.45	5.14



# American Funds American Balanced R6 RLBGX

Morningstar Category Allocation--50% to 70%

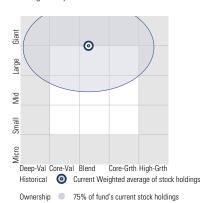
Equity

Morningstar Index

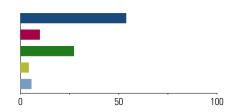
Morningstar US Mod Tgt Alloc NR USD

### Style Analysis as of 06-30-2022

Morningstar Style Box™



## Asset Allocation as of 06-30-2022



Total	100.00	100.00
Other	5.45	4.02
Cash	4.09	5.87
Bonds	27.08	34.10
Non-US Stocks	9.71	10.41
US Stocks	53.67	45.60
Asset Class	Net %	Cat%

#### Style Breakdown

Equity





0	0	0	
alue/	Blend	Growth	

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

	ctor Weighting as of 06-3		Dl.	0-4	Г	.1	- D		Пс						
		Fund	Bmark	Cat	Fun	a	• Ben	chmark		ategory	Avera	ge			
Դ	Cyclical	27.57	32.32	32.64											
æ	Basic Materials	4.70	3.72	4.17											
A	Consumer Cyclical	7.43	10.55	10.15			• [	_							
ı <b>ş</b>	Financial Services	12.02	14.32	15.17											
命	Real Estate	3.42	3.73	3.15		0									
W	Sensitive	45.98	43.51	42.79											
	Communication Services	8.60	7.80	7.69			0								
•	Energy	7.43	4.70	4.97											
₽	Industrials	8.54	9.91	10.40											
	Technology	21.41	21.10	19.73											
<b>-</b>	Defensive	26.45	24.17	24.57											
Ħ	Consumer Defensive	10.24	7.24	6.93											
+	Healthcare	15.04	13.82	14.43											
•	Utilities	1.17	3.11	3.21											
					0%	5	10	15	20	25	30	35	40	45	50

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
○ Capital Group Central Cash Fund	_	6.05	6.05	_	_
○ Cap Grp Cent Fd Ser Ii	_	4.86	10.91	_	_
<ul><li>Microsoft Corp</li></ul>	_	4.14	15.05	-23.27	Technology
⊕ Broadcom Inc	_	2.93	17.98	-25.76	Technology
⊕ UnitedHealth Group Inc	_	2.49	20.46	2.91	Healthcare
数 Cash And Other Assets Less Liablities	_	2.09	22.56	_	_
⊕ Philip Morris International Inc	_	1.75	24.31	6.57	Consumer Defensive
	_	1.37	25.68	-31.42	Technology
Comcast Corp Class A	_	1.33	27.01	-21.00	Communication Svc
⊕ The Home Depot Inc	_	1.22	28.23	-33.00	Consumer Cyclical

### **Total Holdings** 1859



# American Funds Capital World Gr&Inc R6 RWIGX

Morningstar Category Global Large-Stock Blend

Morningstar Index MSCI ACWI NR USD

### Portfolio Manager(s)

Sung Lee since 02-2006 Alfonso Barroso since 02-2007 Michael Cohen since 11-2014 Lara Pellini since 02-2019 Jin Lee since 02-2019 Leo Hee since 10-2019 Jeremy Burge since 01-2020 Renaud Samyn since 02-2020

#### **Quantitative Screens**

Performance: The fund has finished in the Global Large-Stock 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 16.42 years.

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

Net Expense: The fund's expense ratio of 0.42 is 56.7% lower than the Global Large-Stock Blend category average.

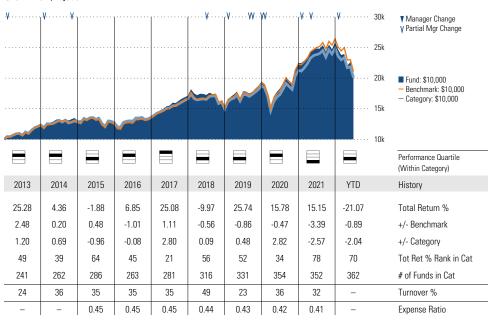
#### **Morningstar Investment Management LLC Analysis**

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### **ESG Metrics**

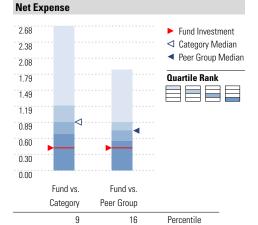
Metric	Rating	Updated
Sustainability Rating	2	05-31-2022
ESG Commitment	1-Low	05-18-2022
Carbon Risk Score	Low Risk	03-31-2022

### Growth of \$10,000



# **Trailing Performance**



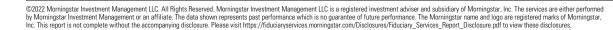


44/278 Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

Rank

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-1.34	_	-0.06
Beta	0.96	_	0.96
R-Squared	97.81	_	93.07
Standard Deviation	17.58	18.02	17.94
Sharpe Ratio	0.31	0.39	0.37
Tracking Error	2.68	_	4.68
Information Ratio	-0.60	_	-0.10
Up Capture Ratio	94.65	_	96.26
Down Capture Ratio	100.40	_	97.08

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	16.13	15.31	16.04
Price/Book Ratio	3.01	2.37	2.51
Geom Avg Mkt Cap \$B	108.76	90.41	71.23
ROE	27.00	26.16	26.22



35/376



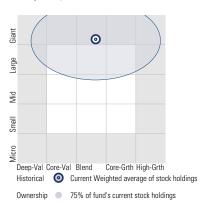
# American Funds Capital World Gr&Inc R6 RWIGX

#### Morningstar Category Global Large-Stock Blend

**Morningstar Index** MSCI ACWI NR USD

### Style Analysis as of 06-30-2022

Morningstar Style Box™



### Style Breakdown

Equity

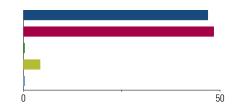
25	37	27	Large
3	4	4	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

### Asset Allocation as of 06-30-2022



Total	100.00	100.00
Other	0.31	1.19
Cash	4.20	1.55
Bonds	0.24	1.03
Non-US Stocks	48.37	39.49
US Stocks	46.88	56.73
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	d '	Bench	mark	Categ	jory Ave	rage	_		
Դ	Cyclical	34.55	33.79	32.24					*					
å.	Basic Materials	7.18	4.60	5.37										
<b>A</b>	Consumer Cyclical	9.59	10.65	10.46										
÷	Financial Services	16.03	15.68	13.92										
fil.	Real Estate	1.75	2.86	2.49		]								
W	Sensitive	42.48	42.18	43.17										i
	Communication Services	6.61	8.15	7.04			]							
ð	Energy	5.31	5.01	4.59										
Ф	Industrials	10.07	9.51	14.05			•							
	Technology	20.49	19.51	17.49										
<b>→</b>	Defensive	22.96	24.01	24.59						• [				
Ħ	Consumer Defensive	8.22	7.81	7.82			Ó							
+	Healthcare	12.05	13.08	12.57				[						
•	Utilities	2.69	3.12	4.20		l []								
					0%	5	10	15	20	25	30	35	40	4

### World Regions % Equity 06-30-2022



Greater Asia	Fund % 18.14	Cat % 13.85	
Japan	5.06	5.88	
Australasia	1.75	1.25	
Asia-4 Tigers	5.60	3.60	
Asia-ex 4 Tigers	5.73	3.12	
Not Classified	0.00	0.00	

Americas	Fund % 57.39	Cat % 62.99	Greater Europe	Fund % 24.46	Cat % 23.16	Market Maturity	Fund %
North America	53.48	62.28	United Kingdom	5.97	6.38	Developed Markets	90.31
Central/Latin	3.91	0.71	W euro-ex UK	18.44	16.34	Emerging Markets	9.69
			Emrgng Europe	0.00	0.07	Not Available	0.00
			Africa	0.05	0.37		

<b>Top 10 Holdings</b> as of 06-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	4.04	4.04	-	_
	3.73	7.77	-23.27	Technology
⊖ Broadcom Inc	3.42	11.19	-25.76	Technology
⊕ Taiwan Semiconductor Manufacturing Co Ltd	3.14	14.33	-21.71	Technology
⊕ Alphabet Inc Class C	1.70	16.04	-24.40	Communication Svc
⊕ UnitedHealth Group Inc	1.69	17.72	2.91	Healthcare
⊕ Vale SA	1.64	19.36	2.97	Basic Materials
	1.53	20.90	-22.13	Healthcare
⇒ ASML Holding NV	1.47	22.37	-34.97	Technology
	1.43	23.80	32.22	Energy

### Total Holdings 353

# American Funds New World R6 RNWGX

Morningstar CategoryMorningstar IndexDiversified Emerging MktsMSCI EM NR USD

## Portfolio Manager(s)

Carl Kawaja since 06-1999
Robert Lovelace since 06-1999
Nicholas Grace since 01-2008
Christopher Thomsen since 01-2009
Winnie Kwan since 01-2009
Tomonori Tani since 10-2013
Jonathan Knowles since 01-2016
Bradford Freer since 01-2017
Akira Shiraishi since 01-2017
Lisa Thompson since 10-2019
Kirstie Spence since 12-2019
Dawid Justus since 01-2020
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 23.05 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
  51.28% 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	05-31-2022
Carbon Risk Score	Medium Risk	03-31-2022
FSG Commitment	1-l ow	02-15-2022







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

3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	2.51	_	-0.25
Beta	0.95	_	1.02
R-Squared	84.62	_	88.82
Standard Deviation	18.74	18.17	19.81
Sharpe Ratio	0.21	0.09	0.07
Tracking Error	7.41	_	6.52
Information Ratio	0.31	_	-0.11
Up Capture Ratio	105.41	_	102.33
Down Capture Ratio	95.93	_	104.50

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	18.69	10.92	11.51
Price/Book Ratio	3.01	1.62	1.83
Geom Avg Mkt Cap \$B	62.39	36.43	43.34
ROE	22.28	16.90	18.11





# American Funds New World R6 RNWGX

# Morningstar CategoryMorningstar IndexDiversified Emerging MktsMSCI EM NR USD

### Style Analysis as of 06-30-2022

Morningstar Style Box™



### Style Breakdown

Equity

10	34	43	Large
2	4	5	Mid
1	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



50

Asset Allocation as of 06-30-2022

Asset Class	Net %	Cat%
US Stocks	23.87	2.77
Non-US Stocks	65.09	94.94
Bonds	2.81	0.03
Cash	7.86	2.10
Other	0.37	0.15

100.00

100.00

Sec	ctor Weighting as of 06-3	30-2022			
		Fund	Bmark	Cat	Fund Benchmark Category Average
Ն	Cyclical	39.86	45.99	44.67	
ì.	Basic Materials	11.13	8.43	7.19	
	Consumer Cyclical	11.33	14.25	13.55	
ê	Financial Services	15.75	21.22	22.22	You have the second of the sec
b	Real Estate	1.65	2.09	1.71	
M	Sensitive	39.44	40.97	42.11	
	Communication Services	6.68	11.03	8.98	
	Energy	4.22	5.01	4.73	
<b>)</b>	Industrials	9.44	5.64	5.85	
3	Technology	19.10	19.29	22.55	
<b>→</b>	Defensive	20.69	13.04	13.23	
Ę	Consumer Defensive	6.08	5.92	7.08	
1	Healthcare	12.84	4.24	4.54	
?	Utilities	1.77	2.88	1.61	
					0% 5 10 15 20 25 30 35 40 45 1

100

Total

### World Regions % Equity 06-30-2022



Greater Asia	Fund % 37.56	Cat % 75.50
Japan	2.48	0.10
Australasia	0.99	0.06
Asia-4 Tigers	7.30	27.48
Asia-ex 4 Tigers	26.79	47.86
Not Classified	0.00	0.00

Americas	Fund % 40.60	Cat % 14.22	Greater Europe	Fund % 21.85	Cat % 10.27	Market Maturity	Fund %
North America	29.73	2.68	United Kingdom	3.00	0.83	Developed Markets	60.74
Central/Latin	10.87	11.54	W euro-ex UK	16.71	1.87	Emerging Markets	39.26
			Emrgng Europe	0.19	1.35	Not Available	0.00
			Africa	1.95	6.22		

<b>Top 10 Holdings</b> as of 06-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	7.56	7.56	_	_
Microsoft Corp	3.27	10.84	-23.27	Technology
Reliance Industries Ltd	2.46	13.29	9.61	Energy
⊕ Taiwan Semiconductor Manufacturing Co Ltd	2.24	15.53	-21.71	Technology
First Quantum Minerals Ltd	1.88	17.41	-19.31	Basic Materials
	1.82	19.24	-7.52	Financial Services
⊕ Kweichow Moutai Co Ltd Class A	1.42	20.66	0.71	Consumer Defensive
	1.34	21.99	-24.40	Communication Svc
⊕ Vale SA ADR	1.19	23.18	9.52	Basic Materials
	1.17	24.36	-18.49	Healthcare

### Total Holdings 568



# **American Funds Washington Mutual R6** RWMGX

Morningstar Category

Large Blend

Morningstar Index S&P 500 TR USD

### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 25.01 years.

× Style: The fund has landed in its primary style box — Large Blend — 36.36 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.26 is 67.5% lower than the Large Blend category average.

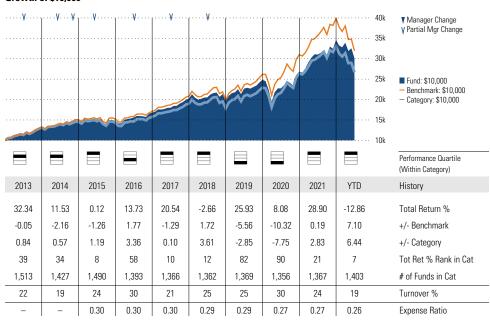
#### **Morningstar Investment Management LLC Analysis**

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

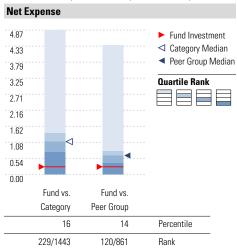
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	05-31-2022
Carbon Risk Score	Low Risk	03-31-2022
ESG Commitment	1-Low	02-15-2022

### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 06-30-2022 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 -11.18 -2.80 9.95 10.87 12.23 13.45 Fund Return % -16.10 -10.62 10.60 11.31 12.96 10.67 Benchmark Return % -14 88 -11 58 914 9 77 11 63 Category Average % 12 4 42 34 45 % Rank in Category 1.422 1.369 1.236 1.119 819 # 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	0.32	_	-1.37
Beta	0.91	_	0.96
R-Squared	93.77	_	94.93
Standard Deviation	17.42	18.64	18.43
Sharpe Ratio	0.60	0.60	0.50
Tracking Error	4.69	_	3.92
Information Ratio	-0.14	_	-1.04
Up Capture Ratio	90.83	_	93.13
Down Capture Ratio	89.69	_	98.50

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	18.21	18.44	18.70
Price/Book Ratio	3.30	3.53	4.24
Geom Avg Mkt Cap \$B	146.24	172.47	216.36
ROE	28.96	32.85	36.39





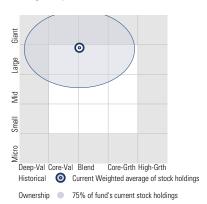
# American Funds Washington Mutual R6 RWMGX

### 

Morningstar Index S&P 500 TR USD

## Style Analysis as of 06-30-2022

Morningstar Style Box™



## Style Breakdown

Equity

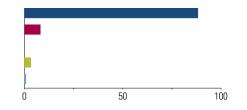
28	43	16	raige
5	6	3	IVIIO
0	0	0	ollidii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

### Asset Allocation as of 06-30-2022



Total	100.00	100.00
Other	0.68	1.10
Cash	3.13	0.58
Bonds	0.00	0.54
Non-US Stocks	8.01	2.84
US Stocks	88.19	94.94
Asset Class	Net %	Cat%

Sector Weight	ing as of U6-	30-2022													
		Fund	Bmark	Cat	Func	i	▼ Ben	chmark	[] C	ategory	Avera	ge			
⊌ Cyclical		28.45	28.47	29.31							■ []				
Basic Materi	als	3.30	2.28	2.77											
Consumer Cy	clical	5.35	10.31	10.12			ĺ								
🔋 Financial Ser	vices	17.72	12.96	13.88											
Real Estate		2.08	2.92	2.54											
✓ Sensitive		42.75	45.78	45.68											
Communicat	on Services	7.29	8.87	8.47		_									
Energy		6.22	4.35	3.82											
Industrials		10.60	8.31	9.95		-				_					
Technology		18.64	24.25	23.44											
→ Defensive		28.80	25.74	25.01											
Consumer De	efensive	6.30	7.41	7.16											
Healthcare		19.53	15.23	15.20											
Utilities		2.97	3.10	2.65		1									
					0%	5	10	15	20	25	30	35	40	45	

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
→ Broadcom Inc	5.97	5.97	-25.76	Technology
	5.74	11.71	-23.27	Technology
─ UnitedHealth Group Inc	4.00	15.71	2.91	Healthcare
⊕ Comcast Corp Class A	3.34	19.05	-21.00	Communication Svc
⊕ Capital Group Central Cash Fund	3.14	22.19	-	_
⊕ Pfizer Inc	2.27	24.46	-9.86	Healthcare
⊕ Marsh & McLennan Companies Inc	2.17	26.64	-10.07	Financial Services
⊕ CME Group Inc Class A	2.10	28.74	-9.52	Financial Services
CVS Health Corp	2.05	30.79	-9.11	Healthcare
∋ Johnson & Johnson	1.70	32.50	5.04	Healthcare
⊕ The Home Depot Inc	1.65	34.14	-33.00	Consumer Cyclical
⊕ Intel Corp	1.52	35.67	-25.94	Technology
⇒ BlackRock Inc	1.41	37.08	-32.41	Financial Services
⊕ Lockheed Martin Corp	1.38	38.46	22.55	Industrials
Chubb Ltd	1.26	39.72	2.53	Financial Services

**Total Holdings** 187



# BlackRock High Yield Bond Instl BHYIX

Morningstar Category High Yield Bond Morningstar Index

ICE BofA US High Yield TR USD

### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 14.51 years.

Style Consistency is not calculated for Fixed Income funds.

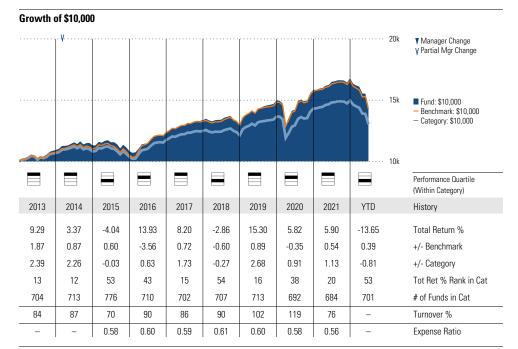
Net Expense: The fund's expense ratio of 0.58 is 36.26% lower than the High Yield Bond category average.

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

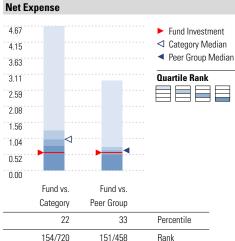
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

#### **ESG Metrics**

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







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

3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	0.48	_	-0.19
Beta	1.01	_	0.96
R-Squared	99.25	_	95.51
Standard Deviation	10.37	10.21	10.02
Sharpe Ratio	0.04	-0.01	-0.02
Tracking Error	0.90	-	2.34
Information Ratio	0.52	-	-0.15
Up Capture Ratio	102.75	-	92.68
Down Capture Ratio	98.30	-	94.81

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	3.81	_	3.70
Avg Eff Maturity	7.14	_	5.56



Duration

# BlackRock High Yield Bond Instl BHYIX

<b>Asset Allocation</b>	as of 06-30-2022

Morningstar Index

**Morningstar Category** 

High Yield Bond

ICE BofA US High Yield TR USD

Style	Anal	ysis	as	of 06-30-2022
Style E	Breakd	lown		
Fixed Ir	ncome			Quality
				High
				Mid
				Low
Ltd	Mod	Ext		

•		
0	50	100

Total	100.00	100.00
Other	1.40	1.78
Cash	2.37	4.31
Bonds	93.46	93.02
Non-US Stocks	0.00	0.03
US Stocks	2.77	0.86
Asset Class	Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	2.40	_	1.67
AA	0.00	_	0.12
A	0.16	_	0.29
BBB	1.63	_	2.72
BB	35.33	_	31.18
В	41.99	_	33.90
Below B	15.84	-	27.35
Not Rated	2.65	_	2.78

Sector Weighting as of 06-3	30-2022						
	Fund	Bmark	Cat	Fund	<ul> <li>Benchmark</li> </ul>	Category Average	
Government	0.03	-	2.31	10			
Treasury	0.00	_	0.74	0			
Inflation – Protected	0.00	_	0.00	ĺ			
Agency/Quasi Agency	0.03	_	0.14				
Other Government Related	0.00	_	1.43	10			
Corporate	96.49	_	88.10				
Corporate Bond	80.60	-	82.32				
Bank Loan	14.42	-	4.36				
Convertible	1.47	-	1.18	()			
Preferred	0.00	_	0.24				
Securitized	0.33	_	2.03	1[]			
Agency MBS Pass-Through	0.00	_	0.06				
Agency MBS ARM	0.00	_	0.00				
Agency MBS CMO	0.00	_	0.14	ĺ			
Non-Agency Residential MBS	0.00	_	0.12				
Commercial MBS	0.00	_	0.74	0			
Asset-Backed	0.33	_	0.97	0			
Covered Bond	0.00	_	0.00				
Municipal	0.00	-	0.10				
Cash & Equivalents	3.05	_	6.31				
Other	0.10	_	1.16	0			

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

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

Total Holdings 1625



# Invesco Balanced-Risk Commodity Strat R6 IBRFX

#### Morningstar Category Commodities Broad Basket

Morningstar Index

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 9 years it's been in existence.

Management: The fund's management has been in place for 11.59 years.

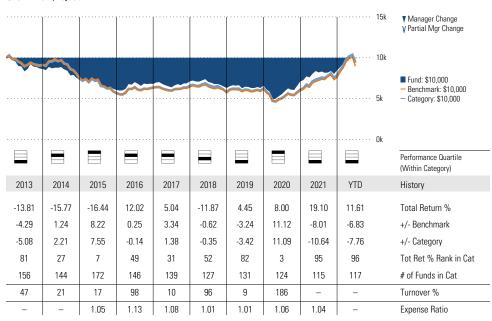
Style Consistency is not calculated for Fixed Income funds.

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

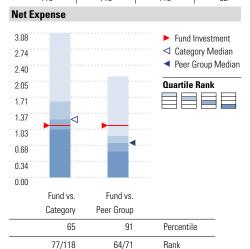
#### **Morningstar Investment Management LLC Analysis**

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



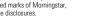




Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

3-Year RISK Wietrics			
	Fund	Bmark	Cat
Alpha	1.20	_	0.69
Beta	0.86	_	1.04
R-Squared	80.50	_	86.47
Standard Deviation	17.35	18.00	20.37
Sharpe Ratio	0.78	0.80	0.79
Tracking Error	8.04	_	7.44
Information Ratio	-0.10	_	0.20
Up Capture Ratio	88.43	_	104.68
Down Capture Ratio	84.92	-	103.93

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	_	-	-
Price/Book Ratio	_	_	1.66
Geom Avg Mkt Cap \$B	_	-	30.45
ROE	_	-	18.03

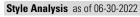


# Invesco Balanced-Risk Commodity Strat R6 IBRFX

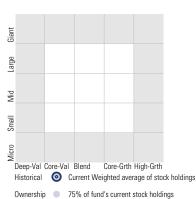
Morningstar Category Commodities Broad Basket

Morningstar Index

Bloomberg Commodity TR USD



Morningstar Style Box™



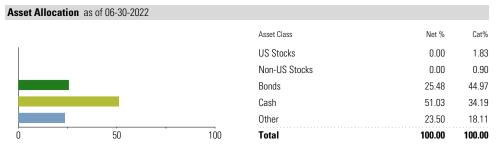


Equity



Weight %

>50 25-50 10-25 0-10



		Fund	Bmark	Cat	Fund	▼ Be	enchmar	k [	Categ	jory Av	erage		
<b>Դ</b>	Cyclical	-	-	30.70									
A.	Basic Materials	_	_	28.95									
A	Consumer Cyclical	_	_	1.75									
æ	Financial Services	_	_	0.00									
命	Real Estate	_	_	0.00									
W	Sensitive	-	-	52.63									
	Communication Services	_	_	0.00									
•	Energy	_	_	50.00									
¢	Industrials	_	_	2.63									
	Technology	_	_	0.00	İ								
<b>—</b>	Defensive	-	-	16.67									
Ħ	Consumer Defensive	_	_	16.67									
٠	Healthcare	_	_	0.00									
0	Utilities	_	_	0.00	n i								

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Invesco Cayman Commodity Fund Iii Hf	23.50	23.50	_	_
	17.32	40.82	_	_
∃ Invesco Shrt-Trm Inv Gov&Agcy Inst!	15.16	55.98	_	_
☐ Invesco Shrt-Trm Inv Liq Assets InstI	10.75	66.73	_	_
⊕ United States Treasury Notes 0.98785%	6.56	73.30	-	_
⊕ Usd Currency Cash	6.48	79.78	_	_
United States Treasury Notes 1.11785%	5.75	85.54	_	_
United States Treasury Notes 1.04785%	5.73	91.27	_	_
United States Treasury Notes 0.97587%	5.72	96.98	_	_
United States Treasury Bills 0%	4.28	101.26	-	_
United States Treasury Bills 0%	4.27	105.54	_	_
Citigroup Global Markets Holdings Inc. 0.01%	3.12	108.66	_	_
Societe Generale S.A. 0.1%	1.77	110.43	_	_
Barclays Bank plc 0.1%	1.29	111.72	_	_
Barclays Bank plc 0.01%	1.24	112.97	_	_

**Total Holdings** 15



# JPMorgan US Equity R6 JUEMX

# Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

### Portfolio Manager(s)

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

#### **Quantitative Screens**

- Performance: The fund has finished in the Large Blend category's top three quartiles in 10 of the 10 years it's been in existence
- Management: The fund's management has been in place for 7.87 years.
- $\times$  Style: The fund has landed in its primary style box Large Blend 51.52 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.44 is 45% lower than the Large Blend category average.

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

This fund fails our style consistency screen owing to frequent drift into the growth column of our style box. We're not concerned about this matter, as the drift has been slight, and the portfolio still represents a core strategy.

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2022
Carbon Risk Score	Low Risk	03-31-2022
ESG Commitment	2-Basic	03-11-2022

#### Growth of \$10,000 45k ▼ Manager Change V Partial Mgr Change 40k 351 30k Fund: \$10,000 25k - Benchmark: \$10,000 Category: \$10,000 20k 15k 10k Performance Quartile (Within Category) 2013 2014 2015 2016 2017 2018 2019 2020 2021 YTD History 36.20 13.98 0.90 10.91 21.71 -5.86 32.28 26.74 28.80 -20.07 Total Return % 0.29 -0.48 -1.48 0.79 8.34 0.09 -0.11 3.81 -1.05 -0.12 +/- Benchmark 3.02 0.54 1.27 0.41 10.91 2.73 4.70 1.97 3.50 -0.77 +/- Category 14 15 28 46 32 53 14 3 22 54 Tot Ret % Rank in Cat

1,369

91

0.44

1,356

84

0.44

1,403

1,367

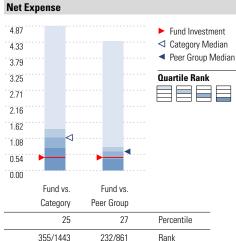
0.44

# of Funds in Cat

Turnover %

Expense Ratio





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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	2.30	_	-1.37
Beta	1.01	_	0.96
R-Squared	98.38	_	94.93
Standard Deviation	19.02	18.64	18.43
Sharpe Ratio	0.72	0.60	0.50
Tracking Error	2.43	_	3.92
Information Ratio	1.09	_	-1.04
Up Capture Ratio	103.03	_	93.13
Down Capture Ratio	93.20	_	98.50

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	22.98	18.44	18.70
Price/Book Ratio	4.43	3.53	4.24
Geom Avg Mkt Cap \$B	182.19	172.47	216.36
ROE	33.12	32.85	36.39



1,513

88

1,427

73

1.490

79

0.51

1,393

83

0.50

1,366

86

0.50

1,362

97

0.46

# JPMorgan US Equity R6 JUEMX

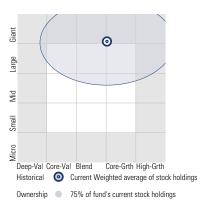
### **Morningstar Category** Large Blend

Morningstar Index

S&P 500 TR USD

## Style Analysis as of 06-30-2022

Morningstar Style Box™



### Style Breakdown

Equity

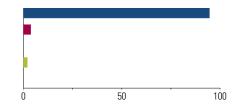
17	29	45	Large
1	6	2	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

### Asset Allocation as of 06-30-2022



Total	100.00	100.00
Other	0.00	1.10
Cash	1.86	0.58
Bonds	0.00	0.54
Non-US Stocks	3.58	2.84
US Stocks	94.57	94.94
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fun	d	▼ Ben	chmarl	( [] Ca	ategory	Avera	ge		
<u></u>	Cyclical	34.54	28.47	29.31										
A.	Basic Materials	3.12	2.28	2.77		]								
<b>A</b>	Consumer Cyclical	13.80	10.31	10.12										
<del>,</del>	Financial Services	14.14	12.96	13.88										
æ	Real Estate	3.48	2.92	2.54										
₩.	Sensitive	44.12	45.78	45.68										
	Communication Services	7.59	8.87	8.47										
ð	Energy	2.72	4.35	3.82			_							
Ф	Industrials	11.21	8.31	9.95										
	Technology	22.60	24.25	23.44						I []				
<b>→</b>	Defensive	21.33	25.74	25.01			_			[				
	Consumer Defensive	2.77	7.41	7.16										
+	Healthcare	14.17	15.23	15.20				<b>=</b> [						
•	Utilities	4.39	3.10	2.65		<u> </u>								

Manage	0/ 11 . 4 .	C	VTD D-+ 0/	Manainantan Castan
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	7.67	7.67	-23.27	Technology
⊕ Alphabet Inc Class A	6.25	13.92	-24.78	Communication Svc
Apple Inc	5.07	18.99	-22.75	Technology
Amazon.com Inc	3.93	22.92	-36.29	Consumer Cyclical
→ Prologis Inc	3.42	26.34	-29.18	Real Estate
⊕ Eaton Corp PLC	3.41	29.76	-26.16	Industrials
AbbVie Inc	3.35	33.11	15.47	Healthcare
NXP Semiconductors NV	3.26	36.37	-34.27	Technology
NextEra Energy Inc	2.99	39.37	-16.12	Utilities
Mastercard Inc Class A	2.99	42.36	-11.93	Financial Services
Bristol-Myers Squibb Co	2.60	44.96	26.09	Healthcare
⊕ McDonald's Corp	2.52	47.47	-6.88	Consumer Cyclical
⇒ Deere & Co	2.31	49.78	-12.03	Industrials
Norfolk Southern Corp	2.24	52.02	-22.82	Industrials
Regeneron Pharmaceuticals Inc	1.99	54.01	-6.40	Healthcare

**Total Holdings** 51



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

Management: The fund's management has been in place for 25.27 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.45 is 39.19% lower than the Intermediate Core-Plus Bond category average.

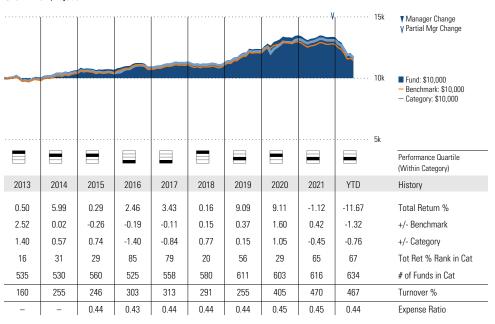
#### **Morningstar Investment Management LLC Analysis**

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.

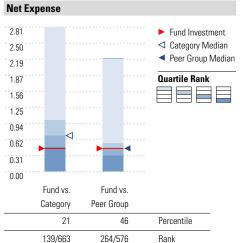
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2022

### Growth of \$10,000





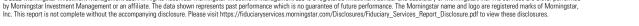


Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

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3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.21	_	0.28
Beta	1.07	_	1.03
R-Squared	97.43	_	72.05
Standard Deviation	4.94	4.56	5.66
Sharpe Ratio	-0.26	-0.31	-0.21
Tracking Error	0.85	_	3.03
Information Ratio	0.16	_	0.07
Up Capture Ratio	108.15	_	115.68
Down Capture Ratio	104.72	-	110.01

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.48	4.43	6.08
Avg Eff Maturity	8.98	-	8.93



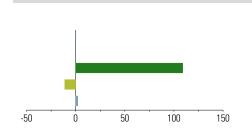


# Metropolitan West Total Return Bd I MWTIX

 Morningstar Category
 Morningstar Index

 Intermediate Core-Plus Bond
 Bloomberg US Agg Bond TR USD





Asset Allocation as of 06-30-2022

Asset Class	Net %	Cat%
US Stocks	0.11	0.03
Non-US Stocks	0.00	0.00
Bonds	108.87	99.27
Cash	-11.06	-1.06
Other	2.07	1.76
Total	100.00	100.00

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	58.88	3.53	48.44
AA	5.27	74.59	5.50
A	13.02	10.82	11.96
BBB	15.45	8.32	20.55
BB	2.87	0.28	6.44
В	1.16	0.00	1.87
Below B	3.54	0.00	1.76
Not Rated	-0.19	2.46	3.49

Sector Weighting as of 06-3	30-2022												
	Fund	Bmark	Cat	Func	۰ ا	Bench	mark	Cate	jory Ave	rage			
Government	29.71	_	23.11										
Treasury	23.80	_	16.11			- :							
Inflation – Protected	0.14	-	0.20										
Agency/Quasi Agency	5.61	_	0.66										
Other Government Related	0.16	-	6.14	1									
Corporate	25.42	_	28.31										
Corporate Bond	22.09	_	26.24										
Bank Loan	1.54	_	0.61	0									
Convertible	1.79	_	1.32										
Preferred	0.00	_	0.14										
Securitized	40.84	_	36.22										
Agency MBS Pass-Through	28.00	_	17.87										
Agency MBS ARM	0.00	-	0.03										
Agency MBS CMO	0.86	-	1.12										
Non-Agency Residential MBS	4.46	_	0.56										
Commercial MBS	1.74	_	6.22										
Asset-Backed	5.78	_	10.40										
Covered Bond	0.00	-	0.02										
Municipal	0.59	_	0.95	■]									
Cash & Equivalents	2.95	-	5.72										
Other	0.51	-	5.52										
				0%	5	10	15	20	25	30	35	40	45

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
🌣 Cash & Cash Equivalents	_	14.49	14.49	_
⊕ Federal National Mortgage Association 2.5%	05-2052	8.12	22.61	_
◆ United States Treasury Notes 2.625%	04-2024	4.64	27.25	_
◆ United States Treasury Notes 2.5%	03-2027	4.27	31.51	_
⊕ United States Treasury Notes 2.875%	04-2027	3.79	35.30	-
⊕ Federal National Mortgage Association 3%	05-2052	3.46	38.77	_
⊕ Federal National Mortgage Association 2%	06-2052	3.38	42.14	_
─ United States Treasury Notes 1.875%	02-2027	3.26	45.40	_
⊕ Federal National Mortgage Association 2%	05-2052	2.64	48.04	_
United States Treasury Bonds 2%	11-2041	2.43	50.47	_

Total Holdings 1862



# MFS Research International R4 MRSJX

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

### Portfolio Manager(s)

Victoria Higley since 04-2016 Camille Lee 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 6.17 years.

Net Expense: The fund's expense ratio of 0.76 is
 18.28% lower than the Foreign Large Blend category average.

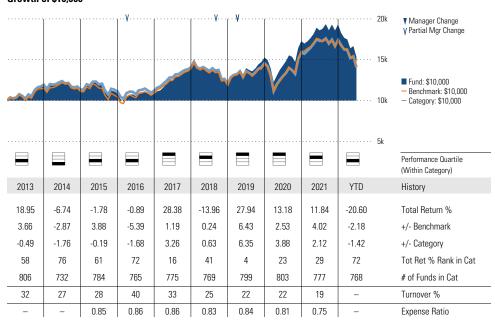
#### **Morningstar Investment Management LLC Analysis**

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

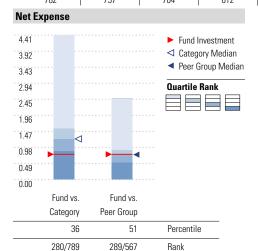
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2022
Carbon Risk Score	Low Risk	03-31-2022
ESG Commitment	2-Basic	02-15-2022

#### Growth of \$10,000







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

3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	1.85	_	0.29
Beta	0.91	_	1.00
R-Squared	93.74	_	93.77
Standard Deviation	16.46	17.47	18.09
Sharpe Ratio	0.23	0.13	0.14
Tracking Error	4.39	-	4.55
Information Ratio	0.41	-	0.06
Up Capture Ratio	100.50	-	101.51
Down Capture Ratio	92.76	-	100.74

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.10	12.10	11.95
Price/Book Ratio	2.17	1.59	1.62
Geom Avg Mkt Cap \$B	44.24	39.31	43.47
ROE	20.92	17.75	19.51



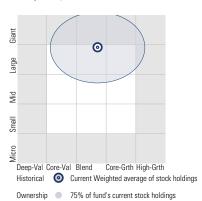
# MFS Research International R4 MRSJX

Asset Allocation as of 06-30-2022

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

Style Analysis as of 06-30-2022

Morningstar Style Box™



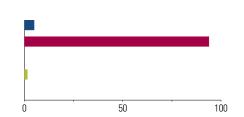


Lquity			
14	41	30	Large
3	7	4	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Total	100.00	100.00
Other	0.00	0.34
Cash	1.39	1.25
Bonds	0.00	0.28
Non-US Stocks	93.78	95.07
US Stocks	4.83	3.05
Asset Class	Net %	Cat%

**Morningstar Category** 

Foreign Large Blend

		Fund	Bmark	Cat	Fund	1	Bench	mark	Cate	gory Ave	erage		_
<b>Ն</b>	Cyclical	39.89	41.94	39.08									'
ů.	Basic Materials	9.68	8.06	8.06									
<b>A</b>	Consumer Cyclical	9.82	11.08	10.50									
æ	Financial Services	18.05	20.32	18.27									
<b>fi</b>	Real Estate	2.34	2.48	2.25									
W	Sensitive	33.48	35.91	36.26									
	Communication Services	6.48	6.94	5.65			<b>'</b>						
ð	Energy	4.12	6.10	5.46									
¢	Industrials	15.41	11.65	14.53		- 1							
	Technology	7.47	11.22	10.62						_			
<b>→</b>	Defensive	26.64	22.15	24.66									
=	Consumer Defensive	9.91	8.81	9.51									
+	Healthcare	13.26	10.09	12.17									
•	Utilities	3.47	3.25	2.98		1							

### World Regions % Equity 06-30-2022



	Fund %	Cat %	
Greater Asia	32.96	35.16	
Japan	18.67	17.94	
Australasia	3.32	5.40	
Asia-4 Tigers	6.48	6.91	
Asia-ex 4 Tigers	4.49	4.91	
Not Classified	0.00	0.00	

Americas	Fund % 7.05	Cat % 8.86	Greater Europe	Fund % 59.99	Cat % 55.97	Market Maturity	Fund %
North America	7.05	7.72	United Kingdom	15.18	13.89	Developed Markets	95.51
Central/Latin	0.00	1.14	W euro-ex UK	44.81	40.85	Emerging Markets	4.49
			Emrgng Europe	0.00	0.09	Not Available	0.00
			Africa	0.00	1.14		

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Roche Holding AG	3.61	3.61	-15.13	Healthcare
	3.52	7.12	-11.13	Consumer Defensive
Novo Nordisk A/S Class B	3.43	10.55	6.54	Healthcare
⊕ Linde PLC	2.80	13.36	-10.10	Basic Materials
→ Schneider Electric SE	2.49	15.84	-32.96	Industrials
⊕ LVMH Moet Hennessy Louis Vuitton SE	2.17	18.01	-25.35	Consumer Cyclical
⊕ Hitachi Ltd	1.67	19.68	4.17	Industrials
⊕ British American Tobacco PLC	1.59	21.26	26.45	Consumer Defensive
⊕ Diageo PLC	1.58	22.85	-12.78	Consumer Defensive
⊕ London Stock Exchange Group PLC	1.50	24.35	10.87	Financial Services

### Total Holdings 119



# 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 15.26 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.72 is 28% lower than the Multisector Bond category average.

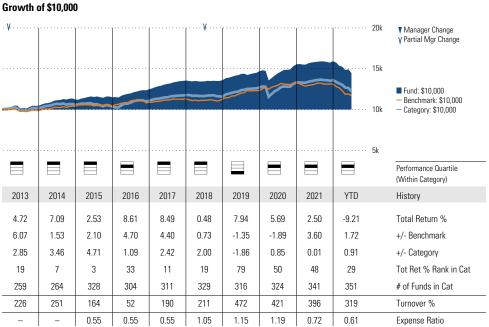
#### **Morningstar Investment Management LLC Analysis**

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.

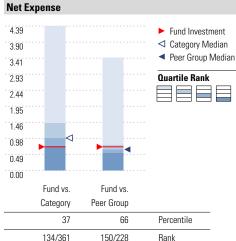


Morningstar Index Bloomberg US Universal TR USD









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

3-Year RISK Wetrics			
	Fund	Bmark	Cat
Alpha	1.15	_	1.02
Beta	0.84	_	1.09
R-Squared	36.53	_	42.50
Standard Deviation	6.55	4.69	8.32
Sharpe Ratio	-0.02	-0.30	-0.05
Tracking Error	5.27	-	6.53
Information Ratio	0.22	-	0.15
Up Capture Ratio	92.04	-	112.99
Down Capture Ratio	75.58	_	101.84

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	2.53	4.55	3.96
Avg Eff Maturity	3.68	7.69	6.98



# PIMCO Income I2 PONPX

## Style Analysis as of 06-30-2022 Style Breakdown Fixed Income Quality High Mid Low Mod Ext Duration

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	34.35	67.64	22.50
AA	7.93	3.23	4.19
A	4.17	10.03	8.81
BBB	19.57	10.89	21.16
BB	19.47	3.19	16.59
В	4.50	3.64	15.03
Below B	10.02	1.38	6.11
Not Rated	0.00	0.00	5.61

#### **Morningstar Category** Multisector Bond Bloomberg US Universal TR USD Asset Allocation as of 06-30-2022 Asset Class Cat% Net % US Stocks 1.93 1.19 Non-US Stocks 0.55 0.17 Bonds 105.89 88.82 Cash -12.39 6.86 Other 4.75 2.22 -50 Ó 50 100 150 Total 100.00 100.00

**Morningstar Index** 

Sector Weighting as of 06-	30-2022											
	Fund	Bmark	Cat	Fund	,	Benchma	ark [] (	Category	Average			
Government	25.97	-	18.86									
Treasury	3.74	_	8.41									
Inflation - Protected	1.79	_	0.43	()=								
Agency/Quasi Agency	0.25	_	1.08	1 []								
Other Government Related	20.19	_	8.94									
Corporate	8.20	-	39.01									
Corporate Bond	5.57	_	32.61									
Bank Loan	1.11	_	3.28									
Convertible	1.25	_	2.60									
Preferred	0.27	_	0.52	0								
Securitized	18.13	-	25.57									
Agency MBS Pass-Through	6.20	_	7.18		- :							
Agency MBS ARM	0.00	_	0.00									
Agency MBS CMO	0.78	_	0.82									
Non-Agency Residential MBS	3.56	_	1.60									
Commercial MBS	0.21	-	5.02	i								
Asset-Backed	7.38	_	10.93									
Covered Bond	0.00	_	0.02									
Municipal	0.05	-	0.41	[								
Cash & Equivalents	25.01	-	12.35					-				
Other	20.35	-	3.55									
				0%	5	10	15	20	25	30	35	40

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
☆ Cash Offset	_	21.20	21.20	_
	11-2022	11.46	32.66	_
☆ Offset: Unsettled Trades	_	10.30	42.96	_
→ 10 Year Treasury Note Future June 22	06-2022	8.95	51.91	_
□ IRS USD 0.70000 12/14/21-3Y LCH Pay	12-2024	7.70	59.61	-
⊕ CDX HY37 5Y ICE	12-2026	7.70	67.31	_
□ IRS USD 0.80000 12/14/21-3Y LCH Pay	12-2024	7.69	74.99	_
□ IRS USD 0.80000 12/14/21-3Y LCH Receive	12-2024	7.32	82.32	_
□ IRS USD 0.70000 12/14/21-3Y LCH Receive	12-2024	7.31	89.63	_
→ BRITISH POUND STERLING Sold	05-2022	7.30	96.93	_

**Total Holdings 8127** 



# 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 7.76 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.62 is 16.22% lower than the Global Bond-USD Hedged category average.

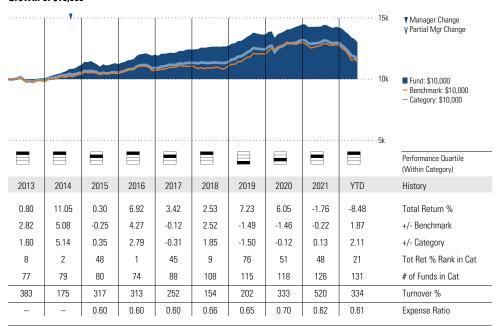
#### **Morningstar Investment Management LLC Analysis**

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
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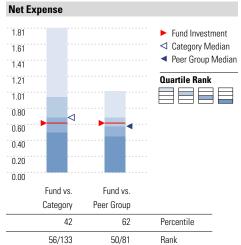
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	04-30-2022

### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 06-30-2022 Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 3 year 10 year Since Inception 5 year -4.92 -8.94 -1.12 1.41 3.36 4.69 Fund Return % -4.69 -10.29 -0.93 0.88 1.54 6.78 Benchmark Return % -5 68 -11 01 -1 70 0.55 1 63 Category Average % 26 23 25 10 4 % Rank in Category 131 130 112 89 58 # 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	-0.51	_	-0.81
Beta	0.63	_	0.91
R-Squared	49.82	_	57.84
Standard Deviation	4.08	4.56	5.48
Sharpe Ratio	-0.40	-0.31	-0.41
Tracking Error	3.34	_	3.78
Information Ratio	-0.06	_	-0.20
Up Capture Ratio	68.47	_	99.24
Down Capture Ratio	76.30	_	111.69

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	7.12	4.43	5.90
Avg Eff Maturity	7.98	_	7.40

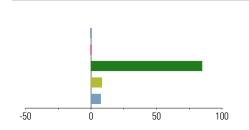


# PIMCO International Bond (USD-Hdg) I-2 PFBPX

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

Bloomberg US Agg Bond TR USD





Asset Allocation as of 06-30-2022

Total	100.00	100.00
Other	7.33	1.39
Cash	8.26	10.68
Bonds	84.70	87.94
Non-US Stocks	-0.07	0.00
US Stocks	-0.20	0.00
Asset Class	Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	30.40	3.53	43.32
AA	16.24	74.59	15.43
A	26.41	10.82	22.68
BBB	20.99	8.32	11.10
BB	2.44	0.28	0.26
В	0.93	0.00	0.07
Below B	2.60	0.00	0.00
Not Rated	0.00	2.46	7.15

Sector Weighting as of 06-	30-2022												
	Fund	Bmark	Cat	Fund	1	Bend	chmark	k [] C	ategory	Avera	ge		
Government	40.86	-	48.86										
Treasury	7.70	_	35.82										
Inflation – Protected	0.43	_	1.50	1 [									
Agency/Quasi Agency	1.44	_	5.89										
Other Government Related	31.29	_	5.65										
Corporate	4.13	-	14.21		Ē.								
Corporate Bond	2.97	_	13.01										
Bank Loan	0.06	_	0.31										
Convertible	0.92	_	0.88										
Preferred	0.18	_	0.01										
Securitized	8.10	-	5.07										
Agency MBS Pass-Through	2.72	_	2.03										
Agency MBS ARM	0.00	_	0.00										
Agency MBS CMO	0.02	_	0.42										
Non-Agency Residential MBS	1.26	_	0.10										
Commercial MBS	0.27	_	0.64										
Asset-Backed	2.87	_	1.54										
Covered Bond	0.96	_	0.34	0									
Municipal	0.03	_	0.12										
Cash & Equivalents	27.90	_	18.76										
Other	18.00	-	12.90										

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
	12-2023	39.00	39.00	_
○ OIS USD SOFR/1.32000 12/21/22-1Y LCH Receive	12-2023	38.45	77.45	_
⊕ IRS EUR -0.25000 09/21/22-5Y LCH Pay	09-2027	16.52	93.96	_
⊕ IRS EUR -0.25000 09/21/22-5Y LCH Receive	09-2027	15.39	109.36	_
⊕ Euro Schatz Future June 22	06-2022	14.79	124.15	-
	05-2022	14.21	138.36	_
	05-2022	14.21	152.57	_
⊕ IRS EUR 0.25000 09/21/22-10Y LCH Pay	09-2032	13.00	165.57	_
⊕ IRS EUR 0.25000 09/21/22-10Y LCH Receive	09-2032	11.72	177.28	_
	11-2023	10.91	188.19	_

Total Holdings 1778



# 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 11.5 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.57 is 21.28% higher than the Ultrashort Bond category average.

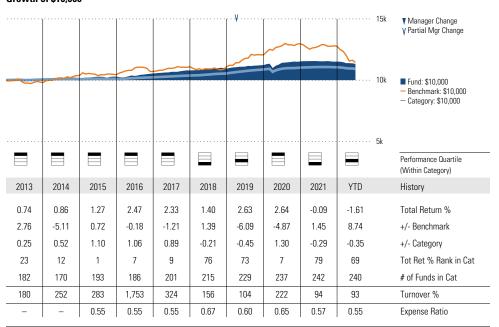
#### **Morningstar Investment Management LLC Analysis**

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**

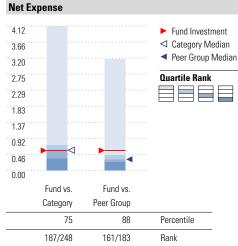
Metric	Rating	Updated
Sustainability Rating	2	05-31-2022

#### Growth of \$10,000





3-Year Risk Metrics



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

	Fund	Bmark	Cat
Alpha	0.83	_	0.61
Beta	0.17	_	0.15
R-Squared	10.30	_	18.16
Standard Deviation	2.42	4.56	1.87
Sharpe Ratio	0.05	-0.31	-0.06
Tracking Error	4.42	_	4.39
Information Ratio	0.36	_	0.32
Up Capture Ratio	31.98	_	25.90
Down Capture Ratio	16.88	_	14.87

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	0.66	4.43	0.84
Avg Eff Maturity	0.30	_	2.01



# PIMCO Short-Term I2 PTSPX



Credit Rating Breakdown	Fund	Bmark	Cat
AAA	46.53	3.53	25.22
AA	4.86	74.59	6.37
A	18.09	10.82	20.89
BBB	28.62	8.32	27.37
BB	1.59	0.28	3.05
В	0.16	0.00	3.23
Below B	0.15	0.00	0.50
Not Rated	0.00	2.46	13.37

#### Bloomberg US Agg Bond TR USD Asset Allocation as of 06-30-2022 Asset Class Net % Cat% US Stocks 0.00 0.00 Non-US Stocks 0.00 0.00 Bonds 90.08 80.56 Cash 3.61 15.18 Other 6.31 4.25 50 100 Total 100.00 100.00

**Morningstar Category** 

Ultrashort Bond

**Morningstar Index** 

	Fund	Bmark	Cat	Fund		Benchmarl	/ I r:	vronate	Average			
Government	36.83	- Dillark	17.03	Tullu		Denominan		negory	Average			1
Treasury	6.14	_	9.81			n						
•				ń		Ц						
Inflation – Protected	0.00	_	0.03	U								
Agency/Quasi Agency	6.53	_	1.26									
Other Government Related	24.16	_	5.93									
Corporate	27.99	-	38.81									
Corporate Bond	25.02	_	34.21									
Bank Loan	0.00	_	0.49									
Convertible	2.97	_	4.11		1							
Preferred	0.00	_	0.00	ĺ								
Securitized	17.85	_	25.58			:						
Agency MBS Pass-Through	0.51	_	2.98		]							
Agency MBS ARM	0.09	_	0.77	1								
Agency MBS CMO	1.70	_	4.15									
Non-Agency Residential MBS	0.87	_	0.16	1								
Commercial MBS	2.38	_	1.64									
Asset-Backed	12.30	_	15.88		:							
Covered Bond	0.00	_	0.00	ĺ								
Municipal	0.08	_	1.10	[								
Cash & Equivalents	7.90	_	17.01									
Other	7.60	-	0.35									
				0%	5	10	15	20	25	30	35	40

<b>Top 10 Holdings</b> as of 06-30-2022				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ 2 Year Treasury Note Future June 22	07-2022	28.65	28.65	_
	07-2022	24.70	53.35	-
United States Treasury Notes 1% 1%	12-2024	7.45	60.81	-
⊕ IRS USD R 3ML/1ML+9.75 01/13/22-23 CME Pay	01-2023	4.81	65.61	-
⊕ IRS USD R 3ML/1ML+9.75 01/13/22-23 CME Receive	01-2023	4.81	70.42	_
⊖ CDX IG37 5Y ICE	12-2026	3.78	74.20	_
⊕ IRS USD R 3ML/1ML+9.8 01/13/22-23 CME Pay	01-2023	3.68	77.88	_
⊕ IRS USD R 3ML/1ML+9.8 01/13/22-23 CME Receive	01-2023	3.68	81.56	_
→ AUSTRALIAN DOLLARS Purchased	04-2022	3.37	84.93	-
	04-2022	3.37	88.30	_

Total Holdings 1400



# 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 6.18 years.
- Net Expense: The fund's expense ratio of 0.04 is 95% lower than the Large Blend category average.

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2022
Carbon Risk Score	Low Risk	03-31-2022
ESG Commitment	1-Low	02-15-2022

#### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 06-30-2022 10 ■ Fund Benchmark 0 Category -5 -10 -15 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year Fund Return % -16.11 -10.66 10.56 11.27 12.92 6.90 10.67 -16.10 -10.62 10.60 11.31 12.96 Benchmark Return % -14.88 -11 58 914 9 77 11 63 Category Average % 62 38 22 20 12 % Rank in Category 1.422 1.369 1.236 1.119 819 # 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	-0.03	_	-1.37
Beta	1.00	_	0.96
R-Squared	100.00	_	94.93
Standard Deviation	18.64	18.64	18.43
Sharpe Ratio	0.60	0.60	0.50
Tracking Error	0.01	_	3.92
Information Ratio	-3.27	_	-1.04
Up Capture Ratio	99.94	_	93.13
Down Capture Ratio	100.06	_	98.50

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	18.45	18.44	18.70
Price/Book Ratio	3.53	3.53	4.24
Geom Avg Mkt Cap \$B	172.63	172.47	216.36
ROE	32.86	32.85	36.39



# Vanguard 500 Index Admiral VFIAX

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

### Style Analysis as of 06-30-2022

Morningstar Style Box™



#### Style Breakdown

Equity

. ,			
17	30	37	Large
4	9	3	Mid
0	0	0	Small
Value	Blend	Growth	

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 06-30-2022

Total	100.00	100.00
Other	0.00	1.10
Cash	0.66	0.58
Bonds	0.00	0.54
Non-US Stocks	1.05	2.84
US Stocks	98.29	94.94
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	4	▼ Ben	chmark	. I c	tonon	Avera	an	
<u></u>	Cyclical	28.43	28.47	29.31	Tuni		Dell	Cilliair	. [] 00	ategory	-NVCIA	ge :	
a.	Basic Materials	2.28	2.28	23.31							<b>-</b> U:		
4	Consumer Cyclical	10.31	10.31	10.12			U	7_					
₽	Financial Services	12.92	12.96	13.88				■ []					
b	Real Estate	2.92	2.92	2.54									
NF	Sensitive	45.82	45.78	45.68									
	Communication Services	8.88	8.87	8.47									
•	Energy	4.36	4.35	3.82		0	_						
<b>;</b>	Industrials	8.31	8.31	9.95									
1	Technology	24.27	24.25	23.44									
<b>→</b>	Defensive	25.76	25.74	25.01			_						
7	Consumer Defensive	7.41	7.41	7.16									
1	Healthcare	15.24	15.23	15.20									
?	Utilities	3.11	3.10	2.65									

#### **Top 15 Holdings** as of 06-30-2022 YTD Return % Name % Net Asset Cumulative % Morningstar Sector Apple Inc 6.55 6.55 -22.75 Technology Microsoft Corp 5.98 12.53 -23.27 Technology Amazon.com Inc 2.90 15.43 -36.29 Consumer Cyclical Alphabet Inc Class A 2.04 17.47 -24.78 Communication Svc ① Alphabet Inc Class C -24.40 Communication Svc 1.88 19.35 ① Tesla Inc 1.76 21.11 -36.28 Consumer Cyclical Berkshire Hathaway Inc Class B 1.54 22.65 -8.69 Financial Services ① UnitedHealth Group Inc 1.50 24.15 2.91 Healthcare ① Johnson & Johnson 1.46 25.61 5.04 Healthcare ① NVIDIA Corp 1.18 26.79 -48.43 Technology Meta Platforms Inc Class A 1.15 27.94 -52.06 Communication Svc Exxon Mobil Corp 1.12 29.07 42.83 Energy + Procter & Gamble Co 1.07 30.14 -11.01 Consumer Defensive ① JPMorgan Chase & Co 1.03 31.17 -27.62 Financial Services ① Visa Inc Class A 1.00 32.18 -8.80 Financial Services

Total Holdings 506



# 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 Lawrence Burns since 12-2020 James Gautrey since 12-2020

#### **Quantitative Screens**

- Performance: The fund has finished in the Foreign 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 12.51 years.
- Style: The fund has landed in its primary style box Large Growth — 100 % of the time over the past three
- Net Expense: The fund's expense ratio of 0.32 is 69.52% lower than the Foreign Large Growth category average.

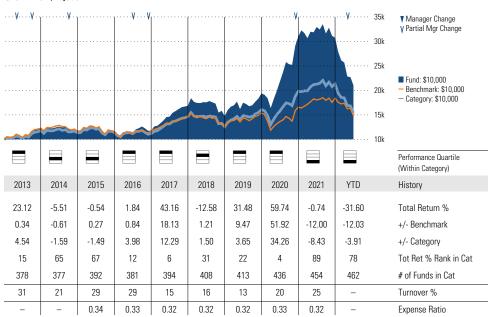
#### **Morningstar Investment Management LLC Analysis**

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2022
Carbon Risk Score	Low Risk	03-31-2022

### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 06-30-2022 ■ Fund Benchmark -10 Category -15 -20 -25 -30 -35 Average annual, if greater than 1 year 1 Year 10 year Since Inception 3 Month 3 yea 5 year Fund Return % -18.13 -36.18 6.33 7.51 9.17 7.24

2.20

3 56

6

348

5.40

6 13

3

225

Down Capture Ratio

8.18

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

-17.77

-27 25

91

452

1.07

172

6

398

31/396 Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

Rank

3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	5.78	_	0.76
Beta	1.00	_	0.93
R-Squared	68.37	_	80.60
Standard Deviation	21.79	18.01	18.75
Sharpe Ratio	0.36	0.12	0.14
Tracking Error	12.25	_	8.38
Information Ratio	0.43	_	0.06
Un Canture Ratio	111 49	_	99 97

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.92	12.65	19.00
Price/Book Ratio	3.66	1.55	2.80
Geom Avg Mkt Cap \$B	73.94	40.94	45.95
ROE	18.47	18.36	20.88

90.15



98.29

Benchmark Return %

Category Average %

% Rank in Category

# of Funds in Category

19/468

-14.51

-16 58

73

466

# Vanguard International Growth Adm VWILX

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

**Morningstar Index** MSCI EAFE NR USD

## Style Analysis as of 06-30-2022

Morningstar Style Box™



### Style Breakdown

Equity

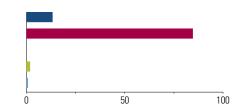
10	33	44	Large
1	4	8	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

### Asset Allocation as of 06-30-2022



Total	100.00	100.00
Other	0.62	0.48
Cash	1.71	3.37
Bonds	0.00	0.12
Non-US Stocks	84.51	88.63
US Stocks	13.15	7.40
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	ł	<ul> <li>Bench</li> </ul>	nmark	Cate	jory Ave	erage		
ŀ	Cyclical	37.82	38.59	34.97								Γ'	
ė.	Basic Materials	0.51	7.57	7.35									
<b>A</b>	Consumer Cyclical	27.26	10.38	12.72			•/						
<b>,</b>	Financial Services	10.05	17.72	14.48					7				
æ	Real Estate	0.00	2.92	0.42	0	'							
M	Sensitive	38.35	33.06	40.82									
	Communication Services	7.77	5.54	4.44									
ð	Energy	2.21	4.86	3.69				-					
ф	Industrials	10.61	14.59	15.93			•	0					
	Technology	17.76	8.07	16.76									
<b>-</b>	Defensive	23.82	28.36	24.20					•		1		
=	Consumer Defensive	5.96	10.87	8.89									
٠	Healthcare	16.84	14.18	14.41									
•	Utilities	1.02	3.31	0.90		*							

### World Regions % Equity 06-30-2022



Greater Asia	Fund % 30.70	Cat % 26.44
Japan	7.36	10.94
Australasia	0.61	1.69
Asia-4 Tigers	7.97	6.57
Asia-ex 4 Tigers	14.76	7.24
Not Classified	0.00	0.00

Americas	Fund % 20.83	Cat % 15.78	Greater Europe	Fund % 48.47	Cat % 57.78	Market Maturity	Fund %
North America	15.22	13.48	United Kingdom	7.14	10.84	Developed Markets	79.63
Central/Latin	5.61	2.30	W euro-ex UK	41.00	46.17	Emerging Markets	20.37
			Emrgng Europe	0.00	0.04	Not Available	0.00
			Africa	0.33	0.73		

<b>Top 10 Holdings</b> as of 06-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
○ ASML Holding NV	5.84	5.84	-34.97	Technology
	4.56	10.40	-52.77	Consumer Cyclical
⊕ Tencent Holdings Ltd	3.88	14.28	-25.53	Communication Svc
⊕ Adyen NV	3.55	17.83	-39.95	Technology
Taiwan Semiconductor Manufacturing Co Ltd	3.47	21.30	-21.71	Technology
⊖ Tesla Inc	3.23	24.54	-36.28	Consumer Cyclical
Moderna Inc	3.18	27.72	-43.76	Healthcare
⊖ Kering SA	2.85	30.57	-28.97	Consumer Cyclical
Illumina Inc	2.54	33.11	-51.54	Healthcare
⊕ Alibaba Group Holding Ltd Ordinary Shares	2.45	35.56	8.97	Consumer Cyclical

### **Total Holdings 145**



# 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 12.1 years.
- Style: The fund has landed in its primary style box Large Value — 83.33 % of the time over the past three
- Net Expense: The fund's expense ratio of 0.36 is 63.64% 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	05-31-2022
Carbon Risk Score	Medium Risk	03-31-2022

## Growth of \$10,000



#### **Trailing Performance**



3-Year Risk Metrics

Up Capture Ratio

Down Capture Ratio



	28/366	26/291	Rank	
Peer grou	p is a subset of t	he category ar	nd includes fund	ls with the
same mar	nagement style (a	active vs. pass	ive) and similar	share class
characteri	etice			

Rank

	Fund	Bmark	Cat
Alpha	1.18	_	0.83
Beta	1.06	_	1.06
R-Squared	92.11	_	89.34
Standard Deviation	19.95	18.01	20.26
Sharpe Ratio	0.17	0.12	0.15
Tracking Error	5.71	_	6.94
Information Ratio	0.17	_	0.07

107.47

103.40

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	13.50	12.65	9.24
Price/Book Ratio	1.52	1.55	1.12
Geom Avg Mkt Cap \$B	32.18	40.94	30.98
ROE	14.40	18.36	15.67





107.17

105.01

# Vanguard International Value Inv VTRIX

# Morningstar CategoryMorningstar IndexForeign Large ValueMSCI EAFE NR USD

## Style Analysis as of 06-30-2022

Morningstar Style Box™



#### Style Breakdown

Equity

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

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



50

Asset Allocation as of 06-30-2022



Se	ctor Weighting as of 06-	30-2022				
		Fund	Bmark	Cat	Fund • Benchmark [] Ca	ategory Average
<u></u>	Cyclical	47.36	38.59	42.81		
æ.	Basic Materials	10.46	7.57	9.12		
A	Consumer Cyclical	16.32	10.38	10.69		
	Financial Services	19.15	17.72	21.54		
命	Real Estate	1.43	2.92	1.46		
W	Sensitive	37.94	33.06	35.47		
	Communication Services	6.51	5.54	6.40	<u> </u>	
•	Energy	7.10	4.86	8.16		
Ф	Industrials	16.43	14.59	13.94		
	Technology	7.90	8.07	6.97	, '	
<b>—</b>	Defensive	14.71	28.36	21.73		
Ħ	Consumer Defensive	4.98	10.87	8.02		
+	Healthcare	6.43	14.18	10.17		
•	Utilities	3.30	3.31	3.54		

### World Regions % Equity 06-30-2022



Greater Asia	Fund % 37.94	Cat % 30.06	Americas	Fun 1
Japan	10.41	16.44	North America	
Australasia	1.61	3.36	Central/Latin	
Asia-4 Tigers	11.71	7.37		
Asia-ex 4 Tigers	14.21	2.89		
Not Classified	0.00	0.00		

Americas	Fund % 11.87	Cat % 9.24	Greater Europe	Fund % 50.17	Cat % 60.68	Market Maturity	Fund %
North America	7.38	7.97	United Kingdom	16.07	18.84	Developed Markets	80.33
Central/Latin	4.49	1.27	W euro-ex UK	33.04	41.21	Emerging Markets	19.67
			Emrgng Europe Africa	0.00 1.06	0.09 0.54	Not Available	0.00

<b>Top 10 Holdings</b> as of 06-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	4.85	4.85	-	_
⊕ Alibaba Group Holding Ltd Ordinary Shares	1.44	6.29	8.97	Consumer Cyclical
⊕ HSBC Holdings PLC	1.38	7.67	22.46	Financial Services
⊕ TotalEnergies SE	1.37	9.04	17.30	Energy
⊕ Compass Group PLC	1.33	10.37	3.17	Consumer Cyclical
⊕ Holcim Ltd	1.33	11.69	-7.44	Basic Materials
⊕ Novartis AG	1.30	12.99	3.22	Healthcare
⊕ Bank Bradesco SA ADR	1.27	14.26	6.33	Financial Services
⊕ RELX PLC	1.17	15.43	-5.85	Communication Svc
⊕ BP PLC	1.12	16.55	20.07	Energy

### Total Holdings 238

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



# Vanguard Mid-Cap Growth Index Admiral VMGMX

# Morningstar Category Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

#### Portfolio Manager(s)

Donald Butler since 02-2013 Awais Khan since 07-2021

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 9.36 years.

Net Expense: The fund's expense ratio of 0.07 is 93.33% lower than the Mid-Cap Growth category average.

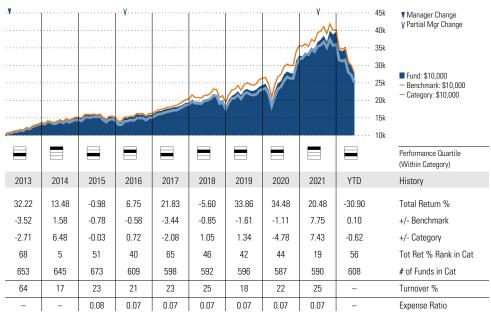
#### **Morningstar Investment Management LLC Analysis**

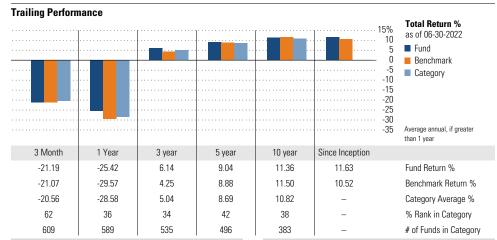
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

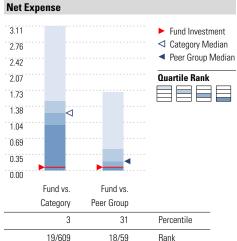
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	05-31-2022
Carbon Risk Score	Low Risk	03-31-2022
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 Wietrics			
	Fund	Bmark	Cat
Alpha	1.86	_	0.70
Beta	0.99	_	0.99
R-Squared	98.56	-	90.56
Standard Deviation	22.51	22.56	23.65
Sharpe Ratio	0.35	0.27	0.29
Tracking Error	2.71	-	7.23
Information Ratio	0.70	-	-0.03
Up Capture Ratio	102.48	-	101.18
Down Capture Ratio	96.12	-	100.08

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	26.47	23.07	24.48
Price/Book Ratio	4.31	6.23	3.88
Geom Avg Mkt Cap \$B	21.81	18.10	14.25
ROE	18.15	25.71	19.72



# Vanguard Mid-Cap Growth Index Admiral VMGMX

**Morningstar Category** Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

## Style Analysis as of 06-30-2022

Morningstar Style Box™



### Style Breakdown

Equity

1	7	10	Large
3	33	45	NIG
0	0	0	Small

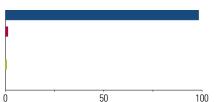
Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 06-30-2022





	ctor Weighting as of 06-		D 1	0 .	-		_			١						
		Fund	Bmark	Cat	Fund	1	▼ Be	nchma	ırk [	Cate	gory A	verage				
Դ	Cyclical	26.57	25.84	28.81												
A	Basic Materials	3.90	2.95	2.53												
A	Consumer Cyclical	9.26	15.17	12.99												
<b>P</b>	Financial Services	5.57	5.59	9.81												
ıπ	Real Estate	7.84	2.13	3.48												_
W	Sensitive	54.99	53.90	48.52												
	Communication Services	6.50	5.24	3.39												
•	Energy	5.35	4.48	2.16		į										
Ф	Industrials	13.19	15.59	14.41				■ [								
	Technology	29.95	28.59	28.56												
<b>→</b>	Defensive	18.44	20.25	22.66												
Ħ	Consumer Defensive	1.42	3.29	2.40		١.										
٠	Healthcare	17.02	16.65	19.57												
•	Utilities	0.00	0.31	0.69	I]											
					0%	5	10	15	20	25	30	35	40	45	50	- 5

<b>Top 15 Holdings</b> as of 06-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	1.72	1.72	-17.58	Technology
○ Cadence Design Systems Inc	1.53	3.25	-19.49	Technology
☐ IQVIA Holdings Inc	1.52	4.77	-23.09	Healthcare
⊕ Realty Income Corp	1.52	6.30	-2.58	Real Estate
⊕ Amphenol Corp Class A	1.43	7.73	-25.93	Technology
Digital Realty Trust Inc	1.37	9.10	-25.22	Real Estate
⇒ Devon Energy Corp	1.35	10.45	30.26	Energy
⇒ SBA Communications Corp	1.28	11.72	-17.36	Real Estate
Cintas Corp	1.20	12.93	-15.29	Industrials
⇒ Microchip Technology Inc	1.19	14.12	-32.68	Technology
Waste Connections Inc	1.18	15.30	-8.70	Industrials
→ MSCI Inc	1.18	16.48	-32.39	Financial Services
ResMed Inc     ResMed Inc	1.14	17.61	-19.20	Healthcare
Cheniere Energy Inc	1.13	18.74	31.82	Energy
→ DexCom Inc	1.08	19.83	-44.48	Healthcare

#### **Total Holdings** 181



## Vanguard Mid-Cap Value Index Admiral VMVAX

## Morningstar Category Mid-Cap Value

Morningstar Index Russell Mid Cap Value TR USD

### Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 15.88 years.

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

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

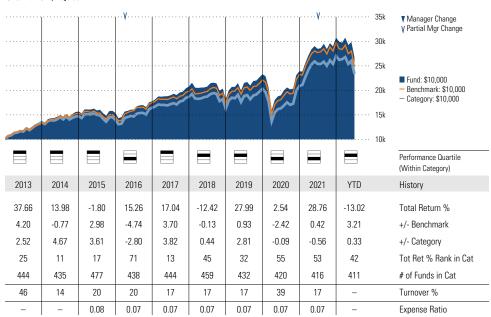
#### **Morningstar Investment Management LLC Analysis**

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

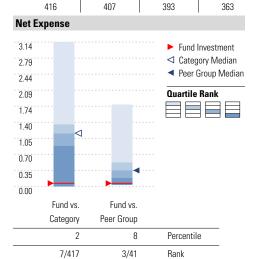
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	05-31-2022
Carbon Risk Score	Medium Risk	03-31-2022
ESG Commitment	1-Low	02-15-2022

#### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 06-30-2022 ■ Fund Benchmark 0 Category -5 -10 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 yea 5 year -13.05 -6.05 7.53 7.10 11.30 12.03 Fund Return % -14.68 -10.00 6.70 6.27 10.62 11.22 Benchmark Return % -12 81 -7 90 7 43 9 83 6 41 Category Average % 48 27 48 33 12 % Rank in Category 270 # 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	0.96	_	0.53
Beta	0.96	_	1.00
R-Squared	99.17	_	95.87
Standard Deviation	21.90	22.71	23.30
Sharpe Ratio	0.42	0.38	0.39
Tracking Error	2.19	-	5.16
Information Ratio	0.38	_	0.08
Up Capture Ratio	97.72	_	100.31
Down Capture Ratio	94.23	_	98.84

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	13.75	13.57	12.27
Price/Book Ratio	2.08	1.95	1.76
Geom Avg Mkt Cap \$B	20.64	15.09	11.89
ROE	20.31	16.31	20.30



# Vanguard Mid-Cap Value Index Admiral VMVAX

Morningstar Category

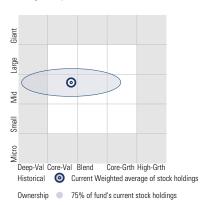
■ Mid-Cap Value

Morningstar Index

Russell Mid Cap Value TR USD

## Style Analysis as of 06-30-2022

Morningstar Style Box™



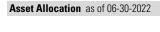
### Style Breakdown

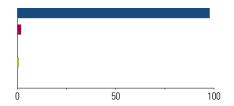
Equity

. ,			
5	9	0	Large
31	50	6	Mid
0	0	0	Small
Value	Blend	Growth	

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	0.23
Cash	0.61	2.54
Bonds	0.00	0.04
Non-US Stocks	1.71	5.83
US Stocks	97.68	91.34
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 06-3	30-2022			
		Fund	Bmark	Cat	Fund • Benchmark [] Category Average
<u></u>	Cyclical	45.05	46.19	41.38	
A.	Basic Materials	5.62	5.88	6.37	
<b>A</b>	Consumer Cyclical	9.73	10.14	10.66	
æ	Financial Services	17.08	17.38	17.87	
ŵ	Real Estate	12.62	12.79	6.48	
W	Sensitive	26.74	32.78	34.85	
d	Communication Services	2.70	3.85	3.58	
ð	Energy	5.53	5.07	6.96	
Ф	Industrials	10.39	13.70	14.97	i i
	Technology	8.12	10.16	9.34	
<b>-</b>	Defensive	28.20	21.03	23.76	
=	Consumer Defensive	7.15	4.63	6.57	
٠	Healthcare	8.07	7.47	10.63	
•	Utilities	12.98	8.93	6.56	
					0% 5 10 15 20 25 30 35 40 45 5

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Name	% Net Asset	Guillulative %	TTD neturn 76	Morningstal Sector
⊕ Corteva Inc	1.29	1.29	15.10	Basic Materials
→ Welltower OP LLC	1.23	2.53	-2.57	Real Estate
⊕ Arthur J. Gallagher & Co	1.13	3.66	-3.31	Financial Services
⊕ Consolidated Edison Inc	1.11	4.77	13.31	Utilities
○ Dollar Tree Inc	1.10	5.87	10.91	Consumer Defensive
⊕ WEC Energy Group Inc	1.05	6.92	5.18	Utilities
The Kroger Co	1.01	7.93	5.50	Consumer Defensive
⊕ International Flavors & Fragrances Inc	1.00	8.93	-19.88	Basic Materials
⊕ Carrier Global Corp Ordinary Shares	1.00	9.93	-33.70	Industrials
⊕ Eversource Energy	0.96	10.89	-5.75	Utilities
→ VICI Properties Inc Ordinary Shares	0.95	11.83	1.33	Real Estate
⊕ M&T Bank Corp	0.94	12.77	5.35	Financial Services
⊕ Baker Hughes Co Class A	0.94	13.71	21.49	Energy
Nucor Corp	0.92	14.63	-7.66	Basic Materials
AvalonBay Communities Inc	0.90	15.52	-21.84	Real Estate

### Total Holdings 203



# 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 26.15 years.

Net Expense: The fund's expense ratio of 0.12 is 88.46% 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	05-31-2022
Carbon Risk Score	Medium Risk	03-31-2022
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	0.82	_	0.73
Beta	0.95	_	0.94
R-Squared	98.24	_	92.84
Standard Deviation	20.14	21.07	20.49
Sharpe Ratio	0.30	0.27	0.31
Tracking Error	2.89	_	5.32
Information Ratio	0.26	_	0.13
Up Capture Ratio	98.22	_	96.74
Down Capture Ratio	95.26	_	94.83

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	26.34	38.46	26.06
Price/Book Ratio	2.47	2.42	2.72
Geom Avg Mkt Cap \$B	20.92	9.35	25.84
ROE	16.62	9.56	20.45



# Vanguard Real Estate Index Admiral VGSLX

Asset Allocation as of 06-30-2022

## **Morningstar Category**Real Estate S&P

### Morningstar Index

S&P United States REIT TR USD

### Style Analysis as of 06-30-2022

Morningstar Style Box™



### Style Breakdown

Equity

0	24	15	Large
3	36	6	Mid
4	9	3	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



		Fund	Bmark	Cat	Fund	▼ B	enchmark	[] C	atego	ory A	vera	age		
ŀ	Cyclical	99.41	99.13	99.10										
	Basic Materials	0.00	0.00	0.06	Ĭ									
1	Consumer Cyclical	0.00	0.13	1.05	i) i									
)	Financial Services	0.00	0.00	0.23	Ŏ									
1	Real Estate	99.41	99.00	97.76										
7	Sensitive	0.59	0.87	0.88	0									
	Communication Services	0.53	0.00	0.23	j i i									
	Energy	0.00	0.00	0.01	ď, i									
	Industrials	0.00	0.87	0.20	Ď i									
	Technology	0.06	0.00	0.44	İ									
	Defensive	0.00	0.00	0.01	ď									
	Consumer Defensive	0.00	0.00	0.00	Ĭ									
	Healthcare	0.00	0.00	0.00	ĺ									
i	Utilities	0.00	0.00	0.01	i i									

<b>Top 15 Holdings</b> as of 06-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
① Vanguard Real Estate II Index	11.59	11.59	_	_
	7.52	19.11	-11.65	Real Estate
	5.62	24.73	-29.18	Real Estate
○ Crown Castle International Corp	4.70	29.43	-17.93	Real Estate
⊖ Equinix Inc	3.85	33.28	-21.59	Real Estate
<ul><li>─ Public Storage</li></ul>	3.18	36.46	-15.46	Real Estate
	2.61	39.07	-2.58	Real Estate
	2.29	41.36	-2.57	Real Estate
	2.27	43.63	-25.22	Real Estate
SBA Communications Corp	2.25	45.88	-17.36	Real Estate
	1.96	47.84	-38.49	Real Estate
⊕ AvalonBay Communities Inc	1.75	49.59	-21.84	Real Estate
○ VICI Properties Inc Ordinary Shares	1.63	51.21	1.33	Real Estate
⊖ Equity Residential	1.60	52.82	-18.82	Real Estate
	1.60	54.41	-15.18	Real Estate

#### Total Holdings 174



## Vanguard Small Cap Growth Index Admiral VSGAX

## Morningstar Category Small Growth

Morningstar Index

Russell 2000 Growth TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

- Performance: The fund has finished in the Small Growth category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 17.51 years.
- × Style: The fund has landed in its primary style box Small Growth 38.24 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.07 is 94.17% lower than the Small Growth category average.

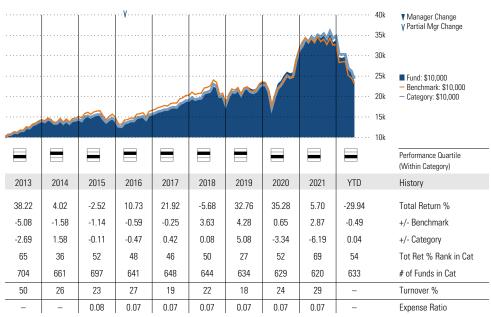
#### **Morningstar Investment Management LLC Analysis**

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	05-31-2022
Carbon Risk Score	Low Risk	03-31-2022
ESG Commitment	1-Low	02-15-2022

## Growth of \$10,000





٠.	•	- 1			1	000	1		-
Net Expe	ense								
6.02							Fund Inv		
5.35						◁	Categor	y Med	lian
4.68						•	Peer Gro	oup M	edian
4.01						Qua	artile Ra	ank	
3.34									
2.68									
2.01									
1.34		◁							
0.67									
0.00					<b>4</b>				
	Fund v	S.		Fund v	S.				
	Catego	ry	Pee	er Grou	р				
		2		2	0	Per	centile		
	8/64	11		7/3	6	Rar	nk		

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	0.94	_	2.48
Beta	0.94	_	0.95
R-Squared	96.38	_	90.14
Standard Deviation	23.80	24.74	24.84
Sharpe Ratio	0.19	0.16	0.25
Tracking Error	4.73	_	8.05
Information Ratio	0.20	_	0.29
Up Capture Ratio	97.45	_	100.54
Down Capture Ratio	94.53	_	93.52

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	21.15	15.94	19.67
Price/Book Ratio	3.23	3.50	3.39
Geom Avg Mkt Cap \$B	4.51	2.34	4.26
ROE	9.82	9.41	13.34



# Vanguard Small Cap Growth Index Admiral VSGAX

Morningstar Category

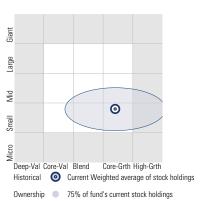
Small Growth

Morningstar Index

Russell 2000 Growth TR USD

## Style Analysis as of 06-30-2022

Morningstar Style Box™



### Style Breakdown

Equity

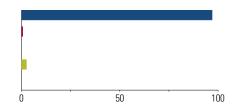
0	0	0	Large
2	16	17	Mid
5	30	30	Small

Weight %

>50 25-50 10-25 0-10

Value Blend Growth

## **Asset Allocation** as of 06-30-2022





		Fund	Bmark	Cat	Fund • Benchmark 🛛 Category Average
b	Cyclical	27.11	22.53	26.34	
ė.	Basic Materials	2.01	4.48	2.86	
-	Consumer Cyclical	11.75	9.20	11.60	
ê	Financial Services	4.78	6.03	8.91	
b	Real Estate	8.57	2.82	2.97	
NI	Sensitive	47.97	48.01	46.67	
	Communication Services	3.17	2.84	2.40	
•	Energy	3.44	6.18	3.13	
Ċ.	Industrials	14.92	17.10	16.57	
2	Technology	26.44	21.89	24.57	
<b>→</b>	Defensive	24.93	29.46	27.01	
=	Consumer Defensive	2.98	5.00	4.28	
7	Healthcare	21.22	22.56	21.96	
?	Utilities	0.73	1.90	0.77	

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Slcmt1142	2.30	2.30	_	_
⊖ Bio-Techne Corp	0.77	3.07	-32.87	Healthcare
⊕ Entegris Inc	0.70	3.77	-33.37	Technology
⊖ Liberty Formula One Group C	0.70	4.47	0.36	Communication Svc
Equity Lifestyle Properties Inc	0.66	5.13	-18.67	Real Estate
→ PTC Inc	0.63	5.76	-12.22	Technology
○ Nordson Corp	0.59	6.36	-20.30	Industrials
⊖ Fair Isaac Corp	0.59	6.94	-7.56	Technology
Graco Inc	0.57	7.51	-25.79	Industrials
	0.56	8.07	-17.91	Real Estate
□ Darling Ingredients Inc	0.54	8.61	-13.70	Consumer Defensive
CubeSmart	0.54	9.15	-23.42	Real Estate
⊕ Rexford Industrial Realty Inc	0.54	9.68	-28.22	Real Estate
→ Neurocrine Biosciences Inc	0.52	10.21	14.45	Healthcare
	0.52	10.73	21.23	Energy

**Total Holdings 719** 



# Vanguard Small Cap Value Index Admiral VSIAX

Morningstar Category
Small Value

Morningstar Index

Russell 2000 Value TR USD

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 6.18 years.

Net Expense: The fund's expense ratio of 0.07 is 93.91% lower than the Small Value category average.

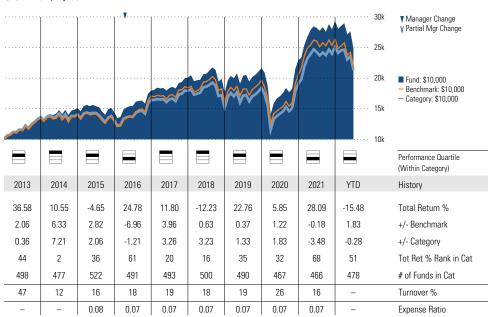
#### **Morningstar Investment Management LLC Analysis**

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

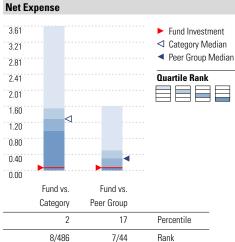
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	05-31-2022
Carbon Risk Score	Medium Risk	03-31-2022
FSG Commitment	1-l ow	02-15-2022

### Growth of \$10,000







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

3-Year hisk wetrics			
	Fund	Bmark	Cat
Alpha	0.78	_	1.18
Beta	0.95	_	1.00
R-Squared	97.67	-	94.61
Standard Deviation	24.54	25.46	26.04
Sharpe Ratio	0.37	0.34	0.38
Tracking Error	3.94	-	6.34
Information Ratio	0.15	-	0.15
Up Capture Ratio	95.50	-	100.19
Down Capture Ratio	93.13	-	97.21

mark Cat
9.61 10.58
1.19 1.41
1.72 3.51
7.65 14.54





## Vanguard Small Cap Value Index Admiral VSIAX

# Morningstar Category Small Value

Morningstar Index

Russell 2000 Value TR USD

### Style Analysis as of 06-30-2022

Morningstar Style Box™



#### Style Breakdown

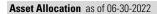
Equity

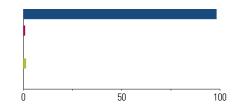
1. /			
0	0	0	Large
17	22	3	Mid
28	27	3	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	-0.01
Cash	1.18	2.06
Bonds	0.00	-0.10
Non-US Stocks	0.70	2.91
US Stocks	98.13	95.14
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund ▼ Benchmark [] Category Average
b	Cyclical	49.04	53.52	49.46	
i.	Basic Materials	5.56	3.38	5.98	
<b>-</b>	Consumer Cyclical	11.13	9.86	12.53	
₽	Financial Services	21.15	25.43	23.37	
b	Real Estate	11.20	14.85	7.58	
NI	Sensitive	34.65	26.34	37.28	
	Communication Services	1.98	3.21	2.08	
•	Energy	6.11	4.61	7.62	
\$	Industrials	19.05	11.84	18.18	
2	Technology	7.51	6.68	9.40	
+	Defensive	16.30	20.14	13.27	
Ę	Consumer Defensive	5.14	3.71	4.26	
ŀ	Healthcare	5.82	11.15	5.77	
?	Utilities	5.34	5.28	3.24	

#### **Top 15 Holdings** as of 06-30-2022 Name % Net Asset Cumulative % YTD Return % Morningstar Sector 0.94 0.94 • Quanta Services Inc 0.70 1.64 9.50 Industrials Molina Healthcare Inc 0.64 2.28 -12.09 Healthcare Atmos Energy Corp 0.61 2.88 8.29 Utilities -22.66 ① IDEX Corp 0.54 3.42 Industrials Bunge Ltd 0.54 3.96 -1.74 Consumer Defensive Brown & Brown Inc 0.51 4.47 -16.70 Financial Services ① Carlisle Companies Inc 0.48 4.95 -3.40 Industrials ⊕ Kimco Realty Corp 0.48 5.42 -18.22 Real Estate ① Booz Allen Hamilton Holding Corp Class A 0.46 5.89 7.58 Industrials Steel Dynamics Inc 0.46 6.35 7.67 Basic Materials Howmet Aerospace Inc 0.46 6.81 -1.07 Industrials APA Corp 0.46 7.27 30.72 Energy First Horizon Corp 0.45 7.72 35.70 Financial Services ① Ovintiv Inc 0.44 8.17 32.46 Energy

Total Holdings 901



## 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 9.36 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 2020 category average.

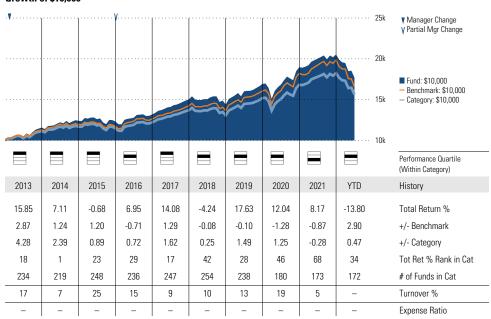
#### **Morningstar Investment Management LLC Analysis**

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**

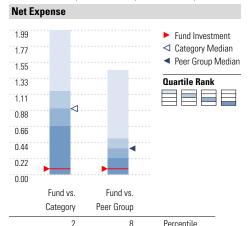
Metric	Rating	Updated
Sustainability Rating	3	05-31-2022
ESG Commitment	1-Low	02-15-2022

#### Growth of \$10,000



#### **Trailing Performance**





	3/172	25/320	Rank	
Peer group	is a subset of th	ne category ar	nd includes fun	ds with the
same mana	agement style (a	ctive vs. pass	ive) and simila	r share class
charactorio	tice			

Rank

3- Tear hisk Wellics			
	Fund	Bmark	Cat
Alpha	0.79	_	0.20
Beta	0.92	_	0.91
R-Squared	98.10	_	95.98
Standard Deviation	9.81	10.61	9.84
Sharpe Ratio	0.33	0.25	0.26
Tracking Error	1.62	_	2.31
Information Ratio	0.38	_	0.02
Up Capture Ratio	93.18	_	89.71
Down Capture Ratio	87.05	_	87.91

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	14.30	15.09	15.28
Price/Book Ratio	2.14	2.24	2.32
Avg Eff Duration	6.25	-	5.88



# Vanguard Target Retirement 2020 Fund VTWNX

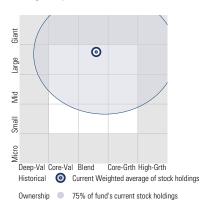
Quality High Mid

**Morningstar Category** Target-Date 2020

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

## Style Analysis as of 06-30-2022

Morningstar Style Box™





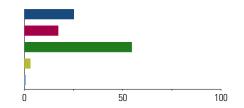
Equity				Fixed	Income	
19	28	27	Large			
6	9	5	Mid			
2	3	1	Small			
Value	Blend	Growth		Ltd	Mod	Ex

Duration

Weight %

>50 25-50 10-25 0-10

### Asset Allocation as of 06-30-2022



Total	100.00	100.00
Other	0.51	8.56
Cash	2.90	3.18
Bonds	54.49	47.75
Non-US Stocks	17.06	14.33
US Stocks	25.04	26.18
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 06-3	30-2022			
		Fund	Bmark	Cat	Fund • Benchmark Category Average
<u></u>	Cyclical	35.46	39.05	36.45	
A.	Basic Materials	5.19	4.48	4.79	
Д	Consumer Cyclical	10.67	9.89	10.51	
ø	Financial Services	15.84	15.40	15.53	
fil.	Real Estate	3.76	9.28	5.62	
W	Sensitive	42.39	38.30	41.09	
	Communication Services	7.36	5.98	7.09	
ð	Energy	5.27	4.57	5.04	
Ф	Industrials	10.77	10.84	10.31	<b></b>
	Technology	18.99	16.91	18.65	
<b>-</b>	Defensive	22.13	22.64	22.44	
Ħ	Consumer Defensive	6.93	6.18	6.54	
+	Healthcare	12.13	13.13	12.78	
•	Utilities	3.07	3.33	3.12	
					0% 5 10 15 20 25 30 35 40 45

<b>Top 7 Holdings</b> as of 06-30-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
○ Vanguard Total Bond Market II Idx Inv	_	31.43	31.43	-	_
→ Vanguard Total Stock Mkt Idx Instl Pls	-	25.38	56.81	_	_
─ Vanguard Total Intl Stock Index Inv	_	17.48	74.28	_	_
─ Vanguard Total Intl Bd II Idx Insl	_	14.00	88.29	_	_
	-	10.59	98.88	_	_
	_	1.12	100.00	_	_
⊕ Us Dollar	_	0.00	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**

Q 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 9.36 years.

Net Expense: The fund's expense ratio of 0.08 is 88.06% lower than the Target-Date 2025 category average.

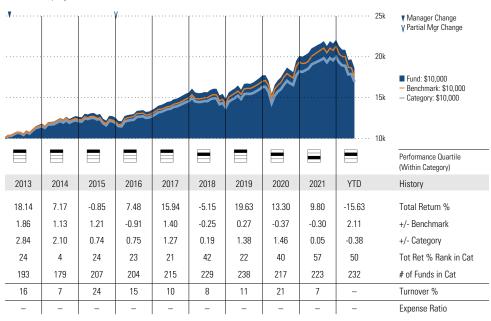
#### **Morningstar Investment Management LLC Analysis**

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.

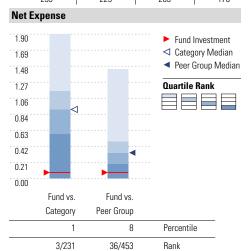
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2022
Carbon Risk Score	Low Risk	03-31-2022
ESG Commitment	1-Low	02-15-2022

#### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 06-30-2022 Fund Benchmark Category -5 -10 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 yea 5 year -10.72 -13.21 3.74 5.07 7.10 6.29 Fund Return % -12.56 -14.87 2.93 4.66 6.49 6.26 Benchmark Return % -10.35 6.38 -12 73 3 28 4.57 Category Average % 62 51 42 37 19 % Rank in Category 233 229 203 176 90 # 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	0.85	_	0.45
Beta	0.97	_	0.92
R-Squared	98.54	_	96.81
Standard Deviation	11.54	11.75	11.00
Sharpe Ratio	0.32	0.25	0.28
Tracking Error	1.43	_	2.34
Information Ratio	0.57	_	0.18
Up Capture Ratio	100.67	_	93.67
Down Capture Ratio	95.10	_	90.72

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	14.31	14.95	15.35
Price/Book Ratio	2.15	2.21	2.34
Avg Eff Duration	6.77	-	6.65

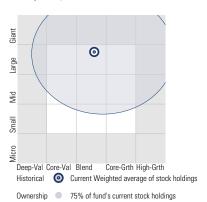


# Vanguard Target Retirement 2025 Fund VTTVX

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

### Style Analysis as of 06-30-2022

Morningstar Style Box™



## Style Breakdown

Equity				Fixed In	come
19	28	27	Large		
6	9	5	Mid		
2	3	1	Small		
\	Diamel	C		Last	N AI

Value Blend Growth

Quality High MidLow Mod I td Duration

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



		Fund	Bmark	Cat	Fund ▼ Benchmark
b	Cyclical	35.44	38.95	35.78	John Bolloman Bottoger J Morago
	Basic Materials	5.19	4.56	4.53	
<b>-</b>	Consumer Cyclical	10.67	9.96	10.58	
ê	Financial Services	15.82	15.52	15.26	i i i i i i i i i i i i i i i i i i i
b	Real Estate	3.76	8.91	5.41	
NF	Sensitive	42.40	38.40	41.30	
	Communication Services	7.36	6.00	7.19	
•	Energy	5.26	4.62	4.82	
þ	Industrials	10.77	10.94	10.29	<u> </u>
1	Technology	19.01	16.84	19.00	
+	Defensive	22.15	22.64	22.93	
=	Consumer Defensive	6.95	6.22	6.71	
1	Healthcare	12.13	13.09	12.99	
2	Utilities	3.07	3.33	3.23	

<b>Top 7 Holdings</b> as of 06-30-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
O Vanguard Total Stock Mkt Idx InstI PIs	-	32.33	32.33	_	_
─ Vanguard Total Bond Market II Idx Inv	_	28.58	60.90	_	-
⊕ Vanguard Total Intl Stock Index Inv	_	22.17	83.07	_	_
○ Vanguard Total Intl Bd II Idx Insl	-	12.67	95.75	_	_
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	_	3.15	98.89	_	_
	_	1.11	100.00	_	_
⊕ Us Dollar	_	0.00	100.01	-	_

#### 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 9.36 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 88.24% lower than the Target-Date 2030 category average.

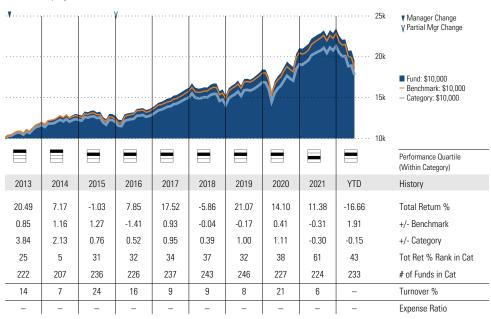
### **Morningstar Investment Management LLC Analysis**

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	05-31-2022
Carbon Risk Score	Low Risk	03-31-2022
ESG Commitment	1-Low	02-15-2022

#### Growth of \$10,000



#### **Trailing Performance**

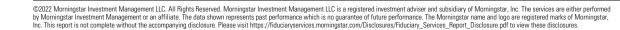


Net Exp	ense			
1.90				Fund Investment
1.69				Category Median
1.48				<ul> <li>Peer Group Median</li> </ul>
1.27				Quartile Rank
1.06	✓			
0.84				
0.63				
0.42			₹	
0.21				
0.00		1		
	Fund vs.	Fun	d vs.	
	Category	Peer G	roup	
	1		8	Percentile

	3/232	30/387	Rank
0 1		0 /	ncludes funds with the
same mana	igement style (ac	tive vs. passive	and similar share class
characterie	tice		

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.98	_	0.68
Beta	0.97	_	0.95
R-Squared	99.07	-	97.91
Standard Deviation	12.82	13.22	12.65
Sharpe Ratio	0.34	0.27	0.31
Tracking Error	1.32	_	2.12
Information Ratio	0.70	_	0.32
Up Capture Ratio	100.14	_	97.49
Down Capture Ratio	94.47	_	93.63

Portfolio Metrics						
Fund	Bmark	Cat				
14.31	14.80	15.36				
2.15	2.19	2.38				
7.08	-	6.64				
	14.31 2.15	14.31 14.80 2.15 2.19				





# Vanguard Target Retirement 2030 Fund VTHRX

**Morningstar Category** Target-Date 2030

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

## Style Analysis as of 06-30-2022

Morningstar Style Box™



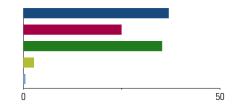
### Style Breakdown



Weight %

>50 25-50 10-25 0-10

## Asset Allocation as of 06-30-2022



Total	100.00	100.00
Other	0.41	13.77
Cash	2.59	2.28
Bonds	35.21	28.20
Non-US Stocks	24.89	18.18
US Stocks	36.89	37.57
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 06-	30-2022											
		Fund	Bmark	Cat	Fund	▼ Bend	hmark	Cate	gory Ave	erage			
<u></u>	Cyclical	35.46	38.85	35.48									
A	Basic Materials	5.19	4.68	4.49									
A	Consumer Cyclical	10.67	10.07	10.57									
<b>P</b>	Financial Services	15.83	15.67	15.49									
<b>fi</b>	Real Estate	3.77	8.43	4.93		'							
W	Sensitive	42.40	38.49	41.87									)
d	Communication Services	7.35	6.01	7.15		_							
•	Energy	5.26	4.66	4.95									
Ф	Industrials	10.76	11.06	10.51									
	Technology	19.03	16.76	19.26									
<b>→</b>	Defensive	22.14	22.65	22.66					İ				
Ħ	Consumer Defensive	6.93	6.26	6.67									
٠	Healthcare	12.14	13.04	12.97			<b>.</b>						
	Utilities	3.07	3.35	3.02									
					0%	10	15	20	25	30	35	40	4

<b>Top 6 Holdings</b> as of 06-30-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx InstI PIs	_	37.38	37.38	_	_
◆ Vanguard Total Intl Stock Index Inv	-	25.49	62.88	_	_
→ Vanguard Total Bond Market II Idx Inv	_	24.97	87.85	_	_
→ Vanguard Total Intl Bd II Idx Insl	_	10.99	98.84	_	_
⊕ Mktliq 12/31/2049	-	1.17	100.00	-	_
⊕ Us Dollar	_	0.00	100.01	-	_

#### 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 9.36 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 88.41% lower than the Target-Date 2035 category average.

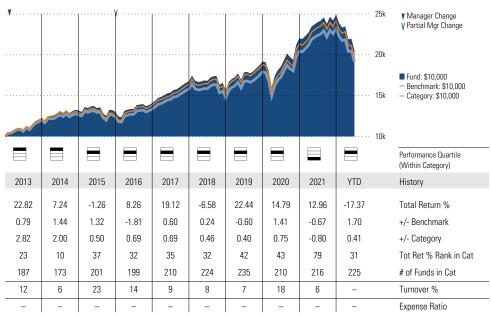
#### **Morningstar Investment Management LLC Analysis**

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**

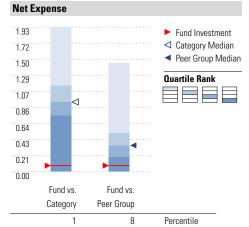
Metric	Rating	Updated
Sustainability Rating	3	05-31-2022
Carbon Risk Score	Low Risk	03-31-2022
ESG Commitment	1-Low	02-15-2022

## Growth of \$10,000



## **Trailing Performance**





35/448 Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

Rank

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.12	_	0.86
Beta	0.94	_	0.96
R-Squared	99.34	_	98.36
Standard Deviation	14.06	14.88	14.37
Sharpe Ratio	0.36	0.29	0.34
Tracking Error	1.43	_	2.09
Information Ratio	0.70	_	0.44
Up Capture Ratio	97.53	_	98.73
Down Capture Ratio	91.71	_	94.43

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	14.31	14.66	15.28
Price/Book Ratio	2.15	2.16	2.34
Avg Eff Duration	7.08	-	6.63

M RNINGSTAR



# **Vanguard Target Retirement 2035 Fund** VTTHX

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

## Style Analysis as of 06-30-2022

Morningstar Style Box™



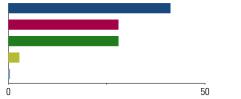
## Style Breakdown



Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.33	12.14
Cash	2.69	2.45
Bonds	27.93	19.22
Non-US Stocks	27.91	22.72
US Stocks	41.15	43.47
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 06-3	30-2022			
		Fund	Bmark	Cat	Fund • Benchmark Category Average
<u></u>	Cyclical	35.48	38.71	35.51	
A.	Basic Materials	5.20	4.78	4.56	
<b>A</b>	Consumer Cyclical	10.68	10.16	10.76	
ø	Financial Services	15.84	15.82	15.46	<b>[</b>
<b>fi</b>	Real Estate	3.76	7.95	4.73	, The state of the
W	Sensitive	42.38	38.60	41.66	
	Communication Services	7.35	6.02	7.24	· · · · · ·
ð	Energy	5.26	4.71	4.87	
Ф	Industrials	10.77	11.17	10.39	<u> </u>
	Technology	19.00	16.70	19.16	
<b>→</b>	Defensive	22.14	22.69	22.85	
=	Consumer Defensive	6.94	6.32	6.72	
+	Healthcare	12.13	13.01	12.99	
•	Utilities	3.07	3.36	3.14	
					0% 5 10 15 20 25 30 35 40 4

<b>Top 6 Holdings</b> as of 06-30-2022							
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector		
⊕ Vanguard Total Stock Mkt Idx InstI PIs	_	41.70	41.70	_	_		
◆ Vanguard Total Intl Stock Index Inv	-	28.59	70.28	_	-		
Ovanguard Total Bond Market II ldx Inv	_	19.78	90.06	_	_		
Ovanguard Total Intl Bd II Idx Insl	_	8.74	98.80	_	_		
⊕ Mktliq 12/31/2049	_	1.23	100.03	_	_		
⊕ Us Dollar	_	0.03	100.07	-	_		

#### Total Holdings 6



## Vanguard Target Retirement 2040 Fund VFORX

**Morningstar Category** Target-Date 2040

Morningstar Index Morningstar Lifetime Mod 2040 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 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 9.36 years.

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

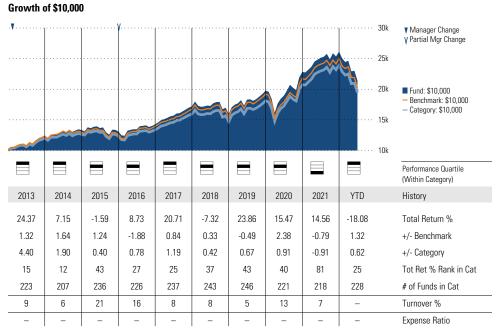
Net Expense: The fund's expense ratio of 0.08 is 88.57% lower than the Target-Date 2040 category average.

#### **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	05-31-2022
Carbon Risk Score	Low Risk	03-31-2022
ESG Commitment	1-Low	02-15-2022



#### **Trailing Performance**



Net Ex	pense		
1.95			► Fund Investment
1.73			Category Median
1.52			<ul> <li>Peer Group Median</li> </ul>
1.30			Quartile Rank
1.08			
0.87			
0.65			
0.43			
0.22			
0.00			
	Fund vs.	Fund vs.	
	Category	Peer Group	
	1	8	Percentile

	3/227	30/378	Rank		
Peer group is a subset of the category and includes funds with the					
same management style (active vs. passive) and similar share class					
characteristic	CS.				

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.24	_	0.87
Beta	0.93	_	0.95
R-Squared	99.30	_	98.43
Standard Deviation	15.30	16.33	15.67
Sharpe Ratio	0.38	0.30	0.35
Tracking Error	1.68	_	2.18
Information Ratio	0.64	_	0.41
Up Capture Ratio	96.90	_	98.23
Down Capture Ratio	91.09	_	94.31

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	14.31	14.53	15.18
Price/Book Ratio	2.15	2.13	2.31
Avg Eff Duration	7.08	-	6.62



# Vanguard Target Retirement 2040 Fund VFORX

**Morningstar Category** Target-Date 2040

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

### Style Analysis as of 06-30-2022

Morningstar Style Box™



## Style Breakdown

Equity 27 19 28 5 9 6





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



		Fund	Bmark	Cat	Fund ▼ Benchmark [] Category Average
b	Cyclical	35.47	38.67	35.86	
à.	Basic Materials	5.20	4.88	4.57	i
4	Consumer Cyclical	10.67	10.24	10.76	
₽	Financial Services	15.83	15.94	15.48	<u> </u>
b	Real Estate	3.77	7.61	5.05	
M	Sensitive	42.39	38.66	41.45	
	Communication Services	7.35	6.03	7.17	
•	Energy	5.26	4.74	4.84	
<b>\$</b>	Industrials	10.77	11.27	10.45	0
2	Technology	19.01	16.62	18.99	
<b>→</b>	Defensive	22.13	22.68	22.69	
Ę	Consumer Defensive	6.94	6.36	6.63	
ř	Healthcare	12.13	12.94	12.96	
?	Utilities	3.06	3.38	3.10	

<b>Top 6 Holdings</b> as of 06-30-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Stock Mkt Idx Instl Pls	_	46.15	46.15	_	_
Vanguard Total Intl Stock Index Inv	_	31.60	77.75	_	-
○ Vanguard Total Bond Market II Idx Inv	_	14.60	92.35	_	-
○ Vanguard Total Intl Bd II Idx Insl	_	6.36	98.71	_	-
① Mktliq 12/31/2049	-	1.29	100.00	-	-
⊕ Us Dollar	-	0.00	100.01	-	-

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 9.36 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 88.57% lower than the Target-Date 2045 category average.

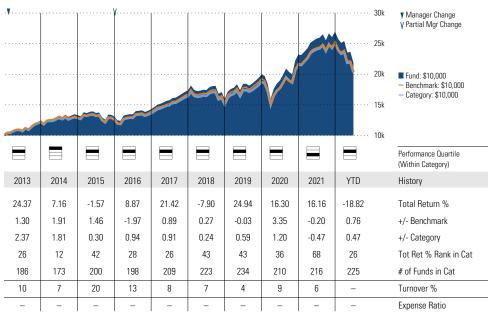
#### **Morningstar Investment Management LLC Analysis**

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	05-31-2022
Carbon Risk Score	Low Risk	03-31-2022
ESG Commitment	1-Low	02-15-2022

## Growth of \$10,000



#### **Trailing Performance**

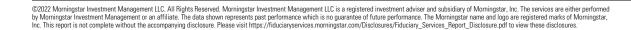


Net Ex	pense		
1.94			Fund Investment
1.72			Category Median
1.51			<ul> <li>Peer Group Median</li> </ul>
1.29			Quartile Rank
1.08			
0.86			
0.65			
0.43		·····	
0.22			
0.00			
	Fund vs.	Fund vs.	
	Category	Peer Group	
	1	8	Percentile

	3/224	35/447	Rank
0 1		0 ,	ncludes funds with the
same mana	.gement style (ac	tive vs. passive)	and similar share class
characterie	tice		

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.43	-	0.91
Beta	0.96	-	0.95
R-Squared	99.20	-	98.38
Standard Deviation	16.55	17.20	16.52
Sharpe Ratio	0.39	0.31	0.36
Tracking Error	1.65	-	2.24
Information Ratio	0.83	-	0.41
Up Capture Ratio	100.03	-	98.54
Down Capture Ratio	93.77	-	94.68

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	14.31	14.41	15.24
Price/Book Ratio	2.15	2.11	2.31
Avg Eff Duration	7.09	_	6.62





# Vanguard Target Retirement 2045 Fund VTIVX

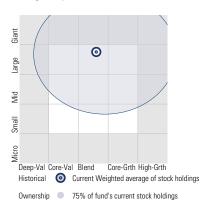
Quality High MidLow

**Morningstar Category** Target-Date 2045

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

## Style Analysis as of 06-30-2022

Morningstar Style Box™



Fixed Income

Mod

Duration

## Style Breakdown

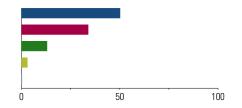
Equity

19	28	27	Large	
6	9	5	Mid	
2	3	1	Small	
Value	Blend	Growth		Ltd

Weight %

>50 25-50 10-25 0-10

### Asset Allocation as of 06-30-2022



Total	100.00	100.00
Other	0.17	10.33
Cash	2.95	2.03
Bonds	12.93	6.70
Non-US Stocks	33.86	28.49
US Stocks	50.09	52.43
Asset Class	Net %	Cat%

	ctor Weighting as of 06-3		Б .	0 .	-				По					
		Fund	Bmark	Cat	Fun	d '	Bench	ımark	Categ	jory Ave	erage			
Դ	Cyclical	35.46	38.76	35.80										
A	Basic Materials	5.20	4.97	4.63										
A	Consumer Cyclical	10.67	10.30	10.88										
<del>F</del>	Financial Services	15.83	16.04	15.45			_							
<b>fi</b>	Real Estate	3.76	7.45	4.84			•							
W	Sensitive	42.40	38.63	41.23										
d	Communication Services	7.36	6.04	7.22		1	]							
ð	Energy	5.27	4.76	4.74		<b>-</b> Ö								
Ф	Industrials	10.76	11.33	10.39										
	Technology	19.01	16.50	18.88						_				
<b>-</b>	Defensive	22.14	22.62	22.97										
Ħ	Consumer Defensive	6.94	6.40	6.63										
+	Healthcare	12.14	12.85	13.14		- 1	1	1						
•	Utilities	3.06	3.37	3.20		(								
					0%	5	10	15	20	25	30	35	40	4

<b>Top 6 Holdings</b> as of 06-30-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx InstI PIs	_	50.76	50.76	_	_
⊕ Vanguard Total Intl Stock Index Inv	-	34.68	85.44	-	_
→ Vanguard Total Bond Market II Idx Inv	-	9.15	94.58	_	_
→ Vanguard Total Intl Bd II Idx Insl	-	4.06	98.64	_	_
⊕ Mktliq 12/31/2049	-	1.35	99.99	-	_
⊖ Us Dollar	_	0.01	100.00	_	_

#### Total Holdings 6



## Vanguard Target Retirement 2050 Fund VFIFX

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

Expense Ratio

#### Portfolio Manager(s)

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

#### Quantitative Screens

- ❷ Performance: The fund has finished in the Target-Date
  2050 category's top three quartiles in 10 of the 10 years it's
  been in existence.
- Management: The fund's management has been in place for 9.36 years.
- Net Expense: The fund's expense ratio of 0.08 is 88.73% lower than the Target-Date 2050 category average.

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

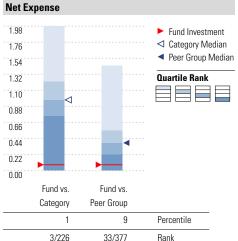
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2022
Carbon Risk Score	Low Risk	03-31-2022
ESG Commitment	1-Low	02-15-2022

#### Growth of \$10,000 ▼ Manager Change V Partial Mgr Change ■ Fund: \$10,000 - Benchmark: \$10,000 Category: \$10,000 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 -19.06 Total Return % 2.18 -2.04 0.61 0.51 -0.11 3.48 -0.19 0.57 1.51 1.61 +/- Benchmark 0.72 -0.71 3.32 1.76 0.43 0.63 0.51 0.44 1.14 0.57 +/- Category 30 16 45 29 38 37 47 37 74 24 Tot Ret % Rank in Cat 207 196 233 243 218 # of Funds in Cat 225 218 246 220 227 9 7 18 12 6 7 3 9 5 Turnover %





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	1.43	_	0.88
Beta	0.95	_	0.95
R-Squared	99.12	_	98.30
Standard Deviation	16.64	17.52	16.86
Sharpe Ratio	0.39	0.31	0.36
Tracking Error	1.83	_	2.26
Information Ratio	0.72	_	0.36
Up Capture Ratio	99.07	_	98.79
Down Capture Ratio	92.95	-	95.18

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	14.31	14.31	15.22
Price/Book Ratio	2.15	2.09	2.30
Avg Eff Duration	7.09	_	6.60



# 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 06-30-2022

Morningstar Style Box™



Fixed Income

Ltd

Mod Duration

Equity 27 19 28 5 9 6

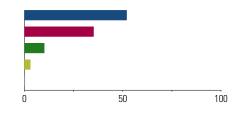
Style Breakdown

Large Mid2 3 1

Value Blend Growth

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

## Asset Allocation as of 06-30-2022



Asset Class Net % Cat% US Stocks 51.91 54.81 Non-US Stocks 35.09 29.45 Bonds 9.97 4.74 Cash 2.89 1.94 Other 0.14 9.06 100.00 Total 100.00

		F	December	0-4	Г		. D l		П с-4	A				
		Fund	Bmark	Cat	Fund	a '	Bench	ımark	Categ	jory Ave	rage		7	
b	Cyclical	35.45	38.94	36.04		,			1					
4	Basic Materials	5.19	5.05	4.60										
4	Consumer Cyclical	10.67	10.35	10.86				_						
<u></u>	Financial Services	15.83	16.10	15.46				0						
ŧ	Real Estate	3.76	7.44	5.12			•							
M	Sensitive	42.41	38.54	41.13										
	Communication Services	7.35	6.02	7.17			]							
•	Energy	5.27	4.78	4.71										
<b>\$</b>	Industrials	10.77	11.37	10.42			0							
3	Technology	19.02	16.37	18.83				•						
<b>→</b>	Defensive	22.15	22.52	22.84										
Ę	Consumer Defensive	6.94	6.42	6.58										
ř	Healthcare	12.14	12.74	13.10										
•	Utilities	3.07	3.36	3.16		(								
_					0%	5	10	15	20	25	30	35	40	45

<b>Top 6 Holdings</b> as of 06-30-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx InstI PIs	_	52.61	52.61	_	_
◆ Vanguard Total Intl Stock Index Inv	_	35.94	88.55	_	_
⇒ Vanguard Total Bond Market II Idx Inv	_	7.00	95.55	_	_
→ Vanguard Total Intl Bd II Idx Insl	_	3.18	98.73	_	_
⊕ Mktliq 12/31/2049	-	1.26	99.99	-	-
⊖ Us Dollar	_	0.01	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 9.36 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 88.73% lower than the Target-Date 2055 category average.

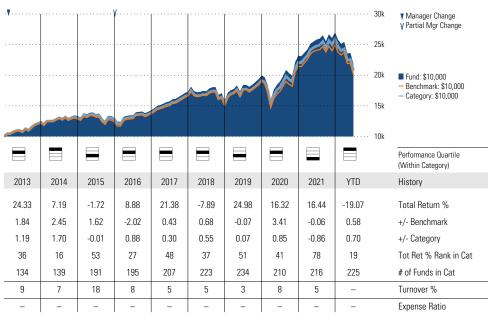
### **Morningstar Investment Management LLC Analysis**

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	05-31-2022
Carbon Risk Score	Low Risk	03-31-2022
ESG Commitment	1-Low	02-15-2022

## Growth of \$10,000



## **Trailing Performance**



Net Exp	ense		
1.96			Fund Investment
1.74			<ul><li>✓ Category Median</li><li>✓ Peer Group Median</li></ul>
1.52			Quartile Rank
1.09			
0.87			
0.65			
0.44		·····	
0.22			
0.00			
	Fund vs.	Fund vs.	
	Category	Peer Group	
	1	8	Percentile

3/	224	35/446	Rank				
0 1	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	1.46	_	0.97
Beta	0.94	_	0.96
R-Squared	99.07	_	98.23
Standard Deviation	16.65	17.60	17.00
Sharpe Ratio	0.39	0.31	0.36
Tracking Error	1.91	_	2.29
Information Ratio	0.70	_	0.41
Up Capture Ratio	98.79	_	99.50
Down Capture Ratio	92.55	-	95.53

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	14.32	14.22	14.97
Price/Book Ratio	2.15	2.07	2.26
Avg Eff Duration	7.09	_	6.65



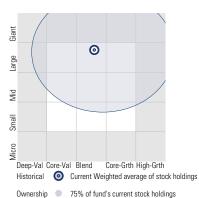
# **Vanguard Target Retirement 2055 Fund** VFFVX

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

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

## Style Analysis as of 06-30-2022

Morningstar Style Box™



Equity 19 28



Value Blend Growth Weight %

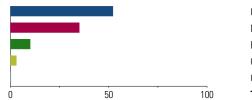
>50 25-50 10-25 0-10



## Style Breakdown



Asset Allocation as of 06-30-2022



Total	100.00	100.00
Other	0.14	7.53
Cash	2.92	1.60
Bonds	9.94	4.47
Non-US Stocks	34.94	32.10
US Stocks	52.06	54.30
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 06-3	30-2022			
		Fund	Bmark	Cat	Fund Benchmark Category Average
<b>Դ</b>	Cyclical	35.44	39.20	36.34	
æ.	Basic Materials	5.18	5.13	4.79	
A	Consumer Cyclical	10.68	10.38	10.72	
<b>P</b>	Financial Services	15.82	16.16	15.60	
<b>fi</b>	Real Estate	3.76	7.53	5.23	
W	Sensitive	42.42	38.41	41.14	
	Communication Services	7.36	6.01	7.21	
•	Energy	5.26	4.79	4.96	
Ф	Industrials	10.76	11.40	10.35	
	Technology	19.04	16.21	18.62	
<b>→</b>	Defensive	22.16	22.40	22.53	
Ħ	Consumer Defensive	6.94	6.43	6.73	
٠	Healthcare	12.15	12.61	12.77	
•	Utilities	3.07	3.36	3.03	
					0% 5 10 15 20 25 30 35 40 45

<b>Top 6 Holdings</b> as of 06-30-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx InstI PIs	_	52.76	52.76	_	_
◆ Vanguard Total Intl Stock Index Inv	-	35.79	88.54	_	_
Ovanguard Total Bond Market II Idx Inv	_	6.99	95.53	_	_
Ovanguard Total Intl Bd II Idx Insl	_	3.16	98.70	_	_
⊕ Mktliq 12/31/2049	-	1.28	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 8 of the 9 years it's been in existence.
- Management: The fund's management has been in place for 9.36 years.
- Net Expense: The fund's expense ratio of 0.08 is 88.73% lower than the Target-Date 2060 category average.

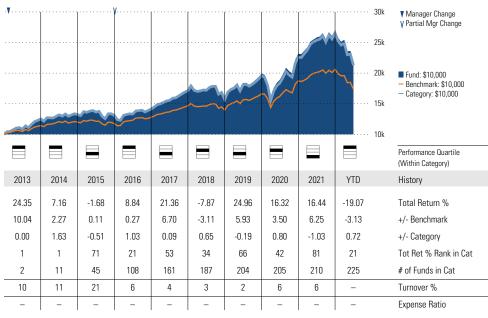
#### **Morningstar Investment Management LLC Analysis**

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.

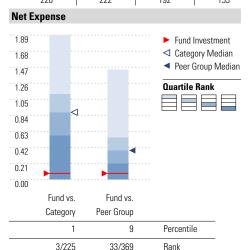
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2022
Carbon Risk Score	Low Risk	03-31-2022
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	1.30	_	0.77
Beta	1.39	_	1.43
R-Squared	98.81	_	97.82
Standard Deviation	16.62	11.88	17.14
Sharpe Ratio	0.39	0.30	0.36
Tracking Error	4.98	_	5.69
Information Ratio	0.47	_	0.33
Up Capture Ratio	145.95	_	148.03
Down Capture Ratio	139.35	_	145.16

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	14.32	14.03	15.26
Price/Book Ratio	2.15	2.04	2.33
Avg Eff Duration	7.09	-	6.56



# Vanguard Target Retirement 2060 Fund VTTSX

Quality

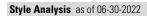
High

Mid

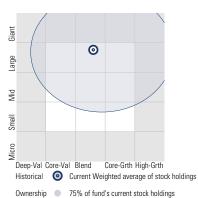
Low

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

Morningstar Mod Tgt Risk TR USD



Morningstar Style Box™



Fixed Income

Ltd

Mod Duration

## Style Breakdown

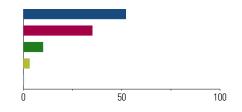
Equity 19 28



Value Blend Growth

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

## Asset Allocation as of 06-30-2022



Total	100 00	100 00
Other	0.14	5.28
Cash	3.02	2.12
Bonds	9.86	4.46
Non-US Stocks	34.96	32.28
US Stocks	52.02	55.87
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 06-	30-2022			
		Fund	Bmark	Cat	Fund • Benchmark [] Category Average
<u></u>	Cyclical	35.44	39.08	35.78	
A	Basic Materials	5.19	5.09	4.82	
A	Consumer Cyclical	10.67	10.08	10.98	
<del>,</del>	Financial Services	15.82	16.47	15.28	)
<b>fi</b>	Real Estate	3.76	7.44	4.70	
W	Sensitive	42.42	38.13	41.37	<u></u>
	Communication Services	7.36	6.23	7.38	
•	Energy	5.26	4.89	4.79	
Ф	Industrials	10.76	10.93	10.34	
	Technology	19.04	16.08	18.86	
<b>→</b>	Defensive	22.15	22.78	22.84	
Ħ	Consumer Defensive	6.94	6.60	6.61	
+	Healthcare	12.14	12.46	13.21	
•	Utilities	3.07	3.72	3.02	<b>'</b>
					0% 5 10 15 20 25 30 35 40

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx InstI PIs	_	52.72	52.72	_	_
⊕ Vanguard Total Intl Stock Index Inv	-	35.81	88.53	_	_
─ Vanguard Total Bond Market II Idx Inv	-	6.95	95.48	_	_
─ Vanguard Total Intl Bd II Idx Insl	-	3.12	98.59	_	_
⊕ Mktliq 12/31/2049	-	1.40	99.99	-	-
⊕ Us Dollar	_	0.01	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 2 of the 4 years it's been in existence.
- Management: The fund's management has been in place for 4.97 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 88.57% lower than the Target-Date 2065+ category average.

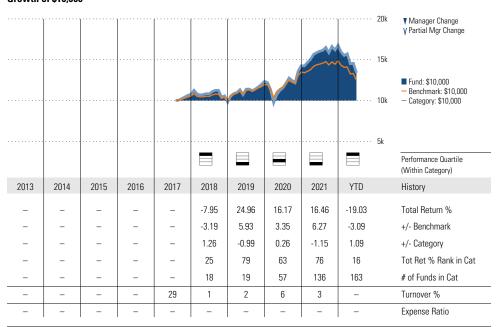
#### **Morningstar Investment Management LLC Analysis**

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.

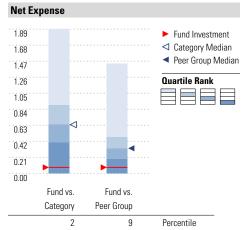
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2022
Carbon Risk Score	Low Risk	03-31-2022
ESG Commitment	1-Low	02-15-2022

#### Growth of \$10,000





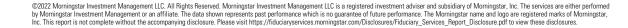


24/275 Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

Rank

3- Teal hisk wiellics			
	Fund	Bmark	Cat
Alpha	1.26	_	0.78
Beta	1.39	_	1.45
R-Squared	98.80	_	98.09
Standard Deviation	16.64	11.88	17.37
Sharpe Ratio	0.39	0.30	0.36
Tracking Error	5.00	_	5.84
Information Ratio	0.46	-	0.34
Up Capture Ratio	145.96	_	149.86
Down Capture Ratio	139.60	-	146.89

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	14.32	14.03	14.72
Price/Book Ratio	2.15	2.04	2.24
Avg Eff Duration	7.10	_	6.54



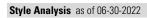


# Vanguard Target Retirement 2065 Fund VLXVX

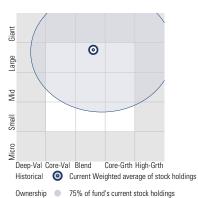
Quality High MidLow

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

Morningstar Mod Tgt Risk TR USD



Morningstar Style Box™

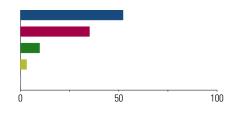


# Style Breakdown

Equity				Fixed	Income
19	28	27	Large		
6	9	5	Mid		
2	3	1	Small		
Value	Blend	Growth		Ltd	Mod

Duration

Weight % >50 25-50 10-25 0-10 Asset Allocation as of 06-30-2022



Total	100 00	100 00
Other	0.14	5.11
Cash	3.04	2.42
Bonds	9.65	6.86
Non-US Stocks	35.06	32.58
US Stocks	52.13	53.04
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 06-	30-2022												
		Fund	Bmark	Cat	Fund	ı t	Bench	mark	Cate	jory Ave	erage			
<u></u>	Cyclical	35.44	39.08	35.59									1	
A	Basic Materials	5.19	5.09	5.01			1							
A	Consumer Cyclical	10.67	10.08	10.77										
Ę	Financial Services	15.82	16.47	15.50										
命	Real Estate	3.76	7.44	4.31		■[	<b>'</b>							
W	Sensitive	42.41	38.13	42.05										)
d	Communication Services	7.36	6.23	7.38		- V								
•	Energy	5.26	4.89	5.09										
Ф	Industrials	10.76	10.93	10.54										
	Technology	19.03	16.08	19.04										
<b>→</b>	Defensive	22.15	22.78	22.35						]				
Ħ	Consumer Defensive	6.94	6.60	6.85										
٠	Healthcare	12.15	12.46	12.57				j						
•	Utilities	3.06	3.72	2.93		]								
					0%	5	10	15	20	25	30	35	40	-

<b>Top 6 Holdings</b> as of 06-30-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx InstI PIs	_	52.82	52.82	_	_
⊕ Vanguard Total Intl Stock Index Inv	-	35.91	88.73	_	_
─ Vanguard Total Bond Market II Idx Inv	-	6.69	95.42	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	-	3.16	98.58	_	_
	-	1.38	99.97	_	_
⊕ Us Dollar	_	0.03	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 9.36 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 88.24% lower than the Target-Date Retirement category average.

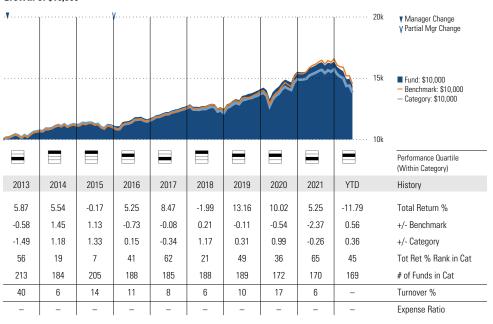
#### **Morningstar Investment Management LLC Analysis**

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**

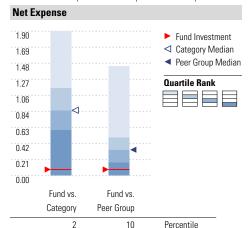
Metric	Rating	Updated
Sustainability Rating	3	05-31-2022
ESG Commitment	1-Low	02-15-2022

#### Growth of \$10,000



#### **Trailing Performance**



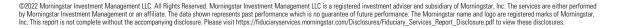


	3/168	38/380	Rank
Peer group	is a subset of the	category and in	ncludes funds with the
same mana	gement style (ac	tive vs. passive)	and similar share class
charactorie	tice		

Rank

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.30	_	-0.98
Beta	0.85	_	0.93
R-Squared	97.30	_	94.49
Standard Deviation	6.89	8.01	7.64
Sharpe Ratio	0.25	0.31	0.16
Tracking Error	1.66	_	2.22
Information Ratio	-0.42	_	-0.54
Up Capture Ratio	82.60	_	85.92
Down Capture Ratio	85.16	_	94.75

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	14.29	15.43	15.02
Price/Book Ratio	2.14	2.31	2.23
Avg Eff Duration	6.01	-	6.65





# Vanguard Target Retirement Income Fund VTINX

Quality High Mid

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

## Style Analysis as of 06-30-2022

Morningstar Style Box™



## Style Breakdown

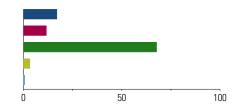
Equity				rixeu	income	
19	28	27	Large			
6	9	5	Mid			
2	3	1	Small			
Value	Blend	Growth		l td	Mod	F

Duration

Weight %

>50 25-50 10-25 0-10

## Asset Allocation as of 06-30-2022



Total	100.00	100.00
Other	0.58	19.09
Cash	3.21	5.48
Bonds	67.68	46.10
Non-US Stocks	11.58	9.96
US Stocks	16.94	19.37
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 06-3	30-2022			
		Fund	Bmark	Cat	Fund Benchmark Category Average
<u></u>	Cyclical	35.49	38.93	37.71	
A	Basic Materials	5.21	4.23	4.30	
A	Consumer Cyclical	10.66	9.72	10.14	
<del>,</del>	Financial Services	15.86	15.15	14.78	
侖	Real Estate	3.76	9.83	8.49	
W	Sensitive	42.38	38.35	40.02	
d	Communication Services	7.35	6.01	6.98	T (
•	Energy	5.28	4.48	4.71	
Ф	Industrials	10.76	10.61	9.87	(i)
	Technology	18.99	17.25	18.46	
<b>→</b>	Defensive	22.13	22.74	22.28	
Ħ	Consumer Defensive	6.93	6.09	6.77	
٠	Healthcare	12.14	13.34	12.31	
•	Utilities	3.06	3.31	3.20	
					0% 5 10 15 20 25 30 35 40

<b>Top 7 Holdings</b> as of 06-30-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Vanguard Total Bond Market II Idx Inv	_	36.70	36.70	_	_
Đ Vanguard Total Stock Mkt Idx InstI PIs	_	17.16	53.86	_	_
Đ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	_	16.93	70.80	_	_
Đ Vanguard Total Intl Bd II Idx Insl	_	16.09	86.88	_	-
€ Vanguard Total Intl Stock Index Inv	-	11.87	98.75	_	_
⊕ Mktliq 12/31/2049	_	1.35	100.10	_	_
⊕ Us Dollar	_	0.10	100.20	_	_

#### Total Holdings 7