## 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

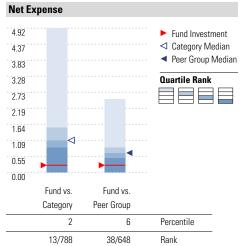
0.25

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%

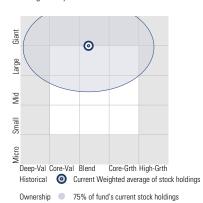
Equity

Morningstar Index

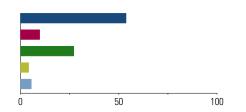
Morningstar US Mod Tgt Alloc NR USD

#### 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	- Il	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

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



## American Funds Europacific Growth R6 RERGX

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

#### Portfolio Manager(s)

Carl Kawaja since 06-2001
Sung Lee since 06-2002
Nicholas Grace since 06-2002
Jonathan Knowles since 06-2006
Andrew Suzman since 06-2007
Christopher Thomsen since 06-2008
Lawrence Kymisis since 06-2014
Lara Pellini since 10-2014
Harold La since 06-2018
Gerald Manoir since 01-2020
Noriko Chen since 01-2020

#### **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 21.09 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 0.46 is 56.19% lower than the Foreign Large Growth category average.

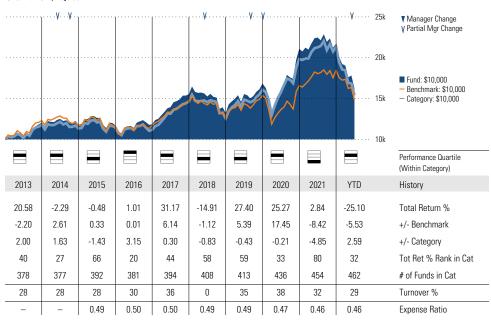
#### **Morningstar Investment Management LLC Analysis**

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.

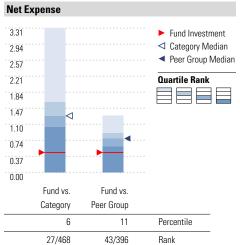
#### **ESG Metrics**

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

#### Growth of \$10,000

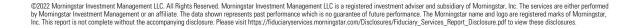


#### **Trailing Performance Total Return %** 10% as of 06-30-2022 Fund 0 Benchmark -5 Category -10 -15 -20 -25 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 yea 5 year Fund Return % -14.65 -27.68 1.49 3.10 6.30 7.28 -14.51 -17.77 1.07 2.20 5.40 8.18 Benchmark Return % -16 58 -27 25 1.72 3 56 6 13 Category Average % 27 58 59 56 34 % Rank in Category 466 452 398 348 225 # of Funds in Category



3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.61	_	0.76
Beta	1.00	_	0.93
R-Squared	89.58	_	80.60
Standard Deviation	19.09	18.01	18.75
Sharpe Ratio	0.14	0.12	0.14
Tracking Error	6.16	_	8.38
Information Ratio	0.07	_	0.06
Up Capture Ratio	104.14	_	99.97
Down Capture Ratio	102.40	_	98.29

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	18.41	12.65	19.00
Price/Book Ratio	2.58	1.55	2.80
Geom Avg Mkt Cap \$B	56.76	40.94	45.95
ROE	21.72	18.36	20.88





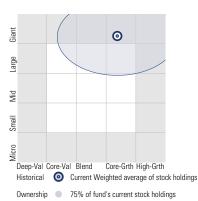
# American Funds Europacific Growth R6 RERGX

## Morningstar Category Foreign Large Growth MS

Morningstar Index MSCI EAFE NR USD

## Style Analysis as of 06-30-2022

Morningstar Style Box™



## Style Breakdown

Equity

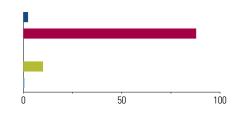
13	30	45	Large
2	5	6	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

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



Total	100.00	100.00
Other	0.32	0.48
Cash	9.75	3.37
Bonds	0.00	0.12
Non-US Stocks	87.73	88.63
US Stocks	2.18	7.40
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fun	d	▼ Bench	mark	Cateo	jory Ave	erage			
<b>Դ</b>	Cyclical	38.55	38.59	34.97										
A.	Basic Materials	10.19	7.57	7.35										
<b>A</b>	Consumer Cyclical	11.10	10.38	12.72										
	Financial Services	16.69	17.72	14.48					7					
<b>fi</b>	Real Estate	0.57	2.92	0.42	0	*								
W	Sensitive	42.79	33.06	40.82		,						1		
	Communication Services	3.11	5.54	4.44		■ [ <u>[</u>								
ð	Energy	7.54	4.86	3.69										
Ф	Industrials	12.65	14.59	15.93			<b>v</b> :	[						
	Technology	19.49	8.07	16.76										
<b>-</b>	Defensive	18.66	28.36	24.20										
=	Consumer Defensive	5.99	10.87	8.89										
+	Healthcare	11.71	14.18	14.41				ĺ						
•	Utilities	0.96	3.31	0.90		'								
					0%	5	10	15	20	25	30	35	40	4

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



	Fund %	Cat %
Greater Asia	36.62	26.44
Japan	10.16	10.94
Australasia	1.90	1.69
Asia-4 Tigers	9.42	6.57
Asia-ex 4 Tigers	15.14	7.24
Not Classified	0.00	0.00

Americas	Fund % 16.01	Cat % 15.78	Greater Europe	Fund % 47.37	Cat % 57.78	Market Maturity	Fund %
North America	9.11	13.48	United Kingdom	6.50	10.84	Developed Markets	77.62
Central/Latin	6.90	2.30	W euro-ex UK	39.76	46.17	Emerging Markets	22.38
			Emrgng Europe	0.09	0.04	Not Available	0.00
			Africa	1.02	0.73		

<b>Top 10 Holdings</b> as of 06-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	9.87	9.87	_	_
	3.32	13.20	-34.97	Technology
	3.12	16.31	9.61	Energy
□ Taiwan Semiconductor Manufacturing Co Ltd	2.65	18.96	-21.71	Technology
LVMH Moet Hennessy Louis Vuitton SE	2.22	21.17	-19.02	Consumer Cyclical
⊕ Airbus SE	1.78	22.95	-16.38	Industrials
○ Canadian Natural Resources Ltd	1.72	24.67	32.22	Energy
	1.58	26.26	9.58	Financial Services
⊕ Sika AG	1.41	27.66	-41.64	Basic Materials
	1.33	28.99	9.52	Basic Materials

#### Total Holdings 395

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



## American Funds Growth Fund of Amer R6 RGAGX

**Morningstar Category** Large Growth

Morningstar Index

## Russell 1000 Growth TR USD

#### Portfolio Manager(s)

Donald O'Neal since 11-1993

J. Frank since 11-2001

Lawrence Solomon since 05-2010

Martin Romo since 11-2010

Carl Kawaja since 11-2010

Mark Casey since 11-2012

Alan Wilson since 11-2012

Anne-Marie Peterson since 07-2013

Christopher Buchbinder since 11-2013

Joanna Jonsson since 03-2016

Alex Popa since 10-2016

Andraz Razen since 03-2020

Julian Abdey since 11-2021

#### **Quantitative Screens**

- Performance: The fund has finished in the Large Growth category's top three quartiles in 9 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 28.68 years.
- Style: The fund has landed in its primary style box Large Growth — 100 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.3 is 68.75% lower than the Large Growth category average.

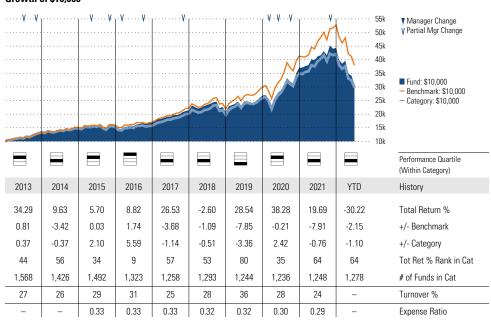
#### **Morningstar Investment Management LLC Analysis**

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.

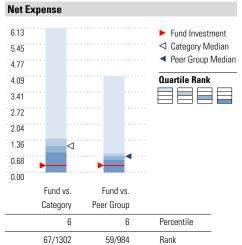
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	1	05-31-2022
ESG Commitment	1-Low	04-07-2022
Carbon Risk Score	Low Risk	03-31-2022

#### Growth of \$10,000



#### **Trailing Performance Total Return %** 15% as of 06-30-2022 10 ■ Fund Benchmark Category -10 -15 -20 -25 -30 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year Fund Return % -21.92 -24.85 7.99 10.21 13.04 13.23 -20.92 -18.77 12.58 14.29 14.80 11.52 Benchmark Return % -20.82 -23.86 8 10 11 01 12 51 Category Average % 61 64 58 67 39 % Rank in Category 1.300 1.252 1.060 793 # of Funds in Category 1.142



3-Year KISK Metrics			
	Fund	Bmark	Cat
Alpha	-3.77	_	-3.87
Beta	0.97	_	0.98
R-Squared	95.14	_	92.23
Standard Deviation	20.91	21.09	21.51
Sharpe Ratio	0.44	0.64	0.44
Tracking Error	4.66	_	6.03
Information Ratio	-0.99	_	-0.87
Up Capture Ratio	84.54	-	86.89
Down Capture Ratio	94 98	_	98 97

Portfolio Metrics							
	Fund	Bmark	Cat				
Price/Earnings Ratio	24.69	24.98	23.80				
Price/Book Ratio	5.41	8.79	6.54				
Geom Avg Mkt Cap \$B	174.21	250.47	284.82				
ROE	24.57	42.14	37.75				



## American Funds Growth Fund of Amer R6 RGAGX

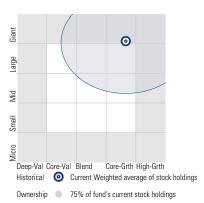
# Morningstar Category Large Growth

Morningstar Index

Russell 1000 Growth TR USD

## Style Analysis as of 06-30-2022

Morningstar Style Box™



## Style Breakdown

Equity

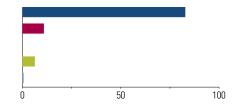
Lquity			
8	24	46	Large
3	7	10	Mid
0	1	1	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.45	0.51
Cash	6.13	1.71
Bonds	0.00	-0.01
Non-US Stocks	10.73	4.05
US Stocks	82.70	93.74
Asset Class	Net %	Cat%

	ctor Weighting as of 06-3	Fund	Bmark	Cat	Fund ▼ Benchmark [] Category Average
l.	Cyclical	35.76	24.62	29.21	Tunu T bencimark   Category Average
Ĭ.	•				
<u>.</u>	Basic Materials	2.07	1.22	1.58	, <u> </u>
A	Consumer Cyclical	25.08	15.13	16.09	
ø	Financial Services	8.41	6.48	9.94	
ıπ	Real Estate	0.20	1.79	1.60	
W	Sensitive	47.85	56.65	53.13	
	Communication Services	13.21	8.15	11.26	
ð	Energy	3.62	1.47	1.81	
Ф	Industrials	7.25	7.43	5.93	
	Technology	23.77	39.60	34.13	
<b>—</b>	Defensive	16.39	18.72	17.66	
=	Consumer Defensive	2.86	6.43	3.72	
+	Healthcare	13.01	12.23	13.42	
•	Utilities	0.52	0.06	0.52	

<b>Top 15 Holdings</b> as of 06-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Tesla Inc	8.51	8.51	-36.28	Consumer Cyclical
⊕ Capital Group Central Cash Fund	6.09	14.59	_	-
	5.84	20.43	-23.27	Technology
	4.82	25.25	-36.29	Consumer Cyclical
Meta Platforms Inc Class A	3.07	28.31	-52.06	Communication Svc
⊕ UnitedHealth Group Inc	2.87	31.19	2.91	Healthcare
	2.81	33.99	-24.40	Communication Svc
	2.04	36.04	-24.78	Communication Svc
⊕ Broadcom Inc	2.00	38.03	-25.76	Technology
○ Netflix Inc	1.90	39.93	-70.97	Communication Svc
Mastercard Inc Class A	1.19	41.13	-11.93	Financial Services
	1.16	42.29	-18.49	Healthcare
⊕ Carrier Global Corp Ordinary Shares	0.93	43.23	-33.70	Industrials
◆ Applied Materials Inc	0.87	44.09	-41.87	Technology
	0.86	44.95	-21.71	Technology

Total Holdings 398

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



## American Funds Invmt Co of Amer R6 RICGX

Morningstar Category

Large Blend

Morningstar Index S&P 500 TR USD

#### Portfolio Manager(s)

James Lovelace since 03-1992
Donald O'Neal since 03-1992
Christopher Buchbinder since 03-2007
Grant Cambridge since 03-2014
Martin Romo since 07-2018
Aline Avzaradel since 03-2019
Martin Jacobs since 12-2019
James Terrile since 03-2020
Jessica Spaly since 03-2021

#### **Quantitative Screens**

Performance: The fund has finished in the 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 30.35 years.

Net Expense: The fund's expense ratio of 0.27 is
 66.25% lower than the Large Blend category average.

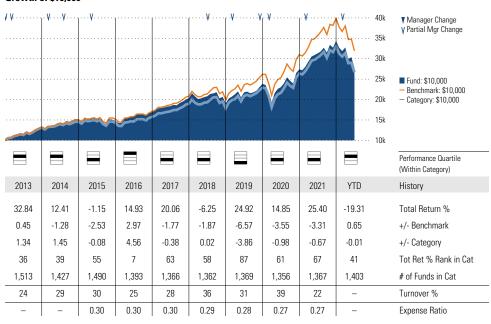
#### **Morningstar Investment Management LLC Analysis**

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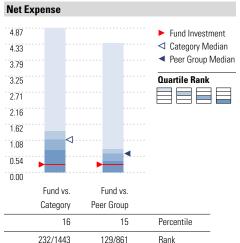
#### **ESG Metrics**

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

## Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-1.45	_	-1.37
Beta	0.94	_	0.96
R-Squared	98.27	_	94.93
Standard Deviation	17.60	18.64	18.43
Sharpe Ratio	0.51	0.60	0.50
Tracking Error	2.60	_	3.92
Information Ratio	-0.84	_	-1.04
Up Capture Ratio	92.40	_	93.13
Down Capture Ratio	98.60	_	98.50

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.97	18.44	18.70
Price/Book Ratio	3.67	3.53	4.24
Geom Avg Mkt Cap \$B	205.15	172.47	216.36
ROE	27.51	32.85	36.39





## American Funds Invmt Co of Amer R6 RICGX

# Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

## Style Analysis as of 06-30-2022

Morningstar Style Box™



## Style Breakdown

Equity

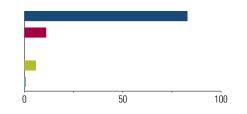
. ,			
20	36	31	Large
6	4	4	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

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



Total	100.00	100.00
Other	0.55	1.10
Cash	5.71	0.58
Bonds	0.00	0.54
Non-US Stocks	10.91	2.84
US Stocks	82.83	94.94
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 06-3	30-2022			
		Fund	Bmark	Cat	Fund Benchmark Category Average
<mark>Դ</mark>	Cyclical	26.14	28.47	29.31	
A	Basic Materials	3.89	2.28	2.77	
<b>A</b>	Consumer Cyclical	9.36	10.31	10.12	
÷	Financial Services	10.87	12.96	13.88	
<b>fi</b>	Real Estate	2.02	2.92	2.54	
W#	Sensitive	51.49	45.78	45.68	
	Communication Services	12.51	8.87	8.47	
•	Energy	6.37	4.35	3.82	
¢	Industrials	11.83	8.31	9.95	
	Technology	20.78	24.25	23.44	
<b>→</b>	Defensive	22.37	25.74	25.01	
=	Consumer Defensive	6.90	7.41	7.16	
٠	Healthcare	11.66	15.23	15.20	
•	Utilities	3.81	3.10	2.65	
					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
	7.56	7.56	-23.27	Technology
⊕ Capital Group Central Cash Fund	5.84	13.40	_	-
⊕ Amazon.com Inc	4.61	18.01	-36.29	Consumer Cyclical
⊕ Broadcom Inc	4.15	22.16	-25.76	Technology
⊕ Meta Platforms Inc Class A	3.67	25.83	-52.06	Communication Svc
○ Comcast Corp Class A	2.69	28.52	-21.00	Communication Svc
⊕ Apple Inc	2.59	31.11	-22.75	Technology
⊕ General Electric Co	2.44	33.55	-32.43	Industrials
⊕ Philip Morris International Inc	2.41	35.95	6.57	Consumer Defensive
⊕ UnitedHealth Group Inc	2.33	38.28	2.91	Healthcare
Abbott Laboratories	2.25	40.54	-22.13	Healthcare
⊕ Raytheon Technologies Corp	2.07	42.61	12.91	Industrials
	1.96	44.57	-24.78	Communication Svc
⊕ British American Tobacco PLC	1.80	46.37	30.75	Consumer Defensive
Netflix Inc     ■     Netflix Inc     Netflix Inc     ■     Netflix Inc     N	1.73	48.10	-70.97	Communication Svc

**Total Holdings 200** 

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



## American Funds New Perspective R6 RNPGX

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

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 21.59 years.

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

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

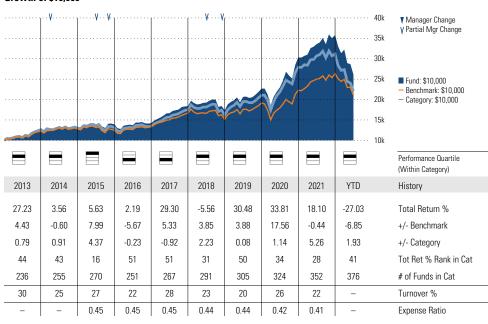
#### **Morningstar Investment Management LLC Analysis**

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

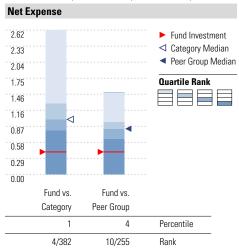
#### **ESG Metrics**

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

#### Growth of \$10,000

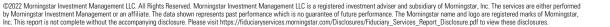


#### **Trailing Performance Total Return %** 15% as of 06-30-2022 10 ■ Fund Benchmark 0 Category -10 -15 -20 -25 -30 Average annual, if greater than 1 year 1 Year Since Inception 3 Month 3 yea 5 year 10 year -18.95 -22.19 8.14 9.43 11.23 12.06 Fund Return % -15.66 -15.75 6.21 7.00 8.76 5.41 Benchmark Return % -19.06 -26 97 4 82 7 49 9 49 Category Average % 59 41 17 20 13 % Rank in Category 380 363 307 268 176 # of Funds in Category



3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.48	_	-1.02
Beta	1.10	_	1.03
R-Squared	95.38	-	86.83
Standard Deviation	20.23	18.02	20.13
Sharpe Ratio	0.46	0.39	0.32
Tracking Error	4.68	-	7.30
Information Ratio	0.41	-	-0.13
Up Capture Ratio	112.93	-	100.14
Down Capture Ratio	107.58	-	105.70

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	22.21	15.31	21.71
Price/Book Ratio	4.09	2.37	3.95
Geom Avg Mkt Cap \$B	141.24	90.41	108.45
ROE	25.30	26.16	25.09



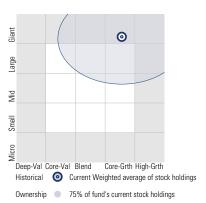


# American Funds New Perspective R6 RNPGX

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

## Style Analysis as of 06-30-2022

Morningstar Style Box™



#### Style Breakdown

Equity

9	28	48	Large
2	5	6	Mid
0	0	1	Small

Value Blend Growth

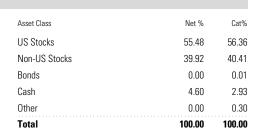
Weight %

>50 25-50 10-25 0-10



50

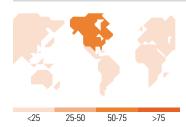
Asset Allocation as of 06-30-2022



		Fund	Bmark	Cat	Fund		▼ Ben	chmark	[] C	ategory	Avera	ge_	
÷	Cyclical	39.28	33.79	31.48								1	
à.	Basic Materials	6.24	4.60	3.30		•							
•	Consumer Cyclical	20.41	10.65	13.13			- 1						
<u></u>	Financial Services	12.01	15.68	14.01									
à	Real Estate	0.62	2.86	1.04	•								
UF.	Sensitive	40.98	42.18	45.92									
	Communication Services	8.93	8.15	7.71									
	Energy	2.26	5.01	1.85									
ŀ	Industrials	8.78	9.51	11.30			• [						
1	Technology	21.01	19.51	25.06					•	_[]			
+	Defensive	19.74	24.01	22.61			_						
7	Consumer Defensive	5.01	7.81	5.46			'						
ř	Healthcare	13.42	13.08	15.88				<u> </u>					
1	Utilities	1.31	3.12	1.27	<u> </u>								

100

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



0	Fund %	Cat %
Greater Asia	12.20	14.10
Japan	3.17	4.32
Australasia	0.44	0.44
Asia-4 Tigers	6.86	4.76
Asia-ex 4 Tigers	1.73	4.58
Not Classified	0.00	0.00

Americas	Fund % 62.80	Cat % 61.36	Greater Europe	Fund % 25.03	Cat % 24.52	Market Maturity	Fund %
North America	60.48	59.91	United Kingdom	4.25	4.97	Developed Markets	95.67
Central/Latin	2.32	1.45	W euro-ex UK	20.36	19.35	Emerging Markets	4.33
			Emrgng Europe	0.00	0.01	Not Available	0.00
			Africa	0.42	0.19		

<b>Top 10 Holdings</b> as of 06-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Tesla Inc	8.46	8.46	-36.28	Consumer Cyclical
⊕ Capital Group Central Cash Fund	4.87	13.33	_	-
Microsoft Corp	4.10	17.43	-23.27	Technology
	2.87	20.30	-21.71	Technology
	2.14	22.44	-52.06	Communication Svc
	2.09	24.53	-36.29	Consumer Cyclical
	1.48	26.01	-24.40	Communication Svc
	1.45	27.46	-24.78	Communication Svc
	1.40	28.85	-34.97	Technology
⊕ Broadcom Inc	1.21	30.06	-25.76	Technology

#### Total Holdings 305

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

## American Funds New World R6 RNWGX

Morningstar CategoryMorningstar IndexDiversified Emerging MktsMSCI EM NR USD

## Portfolio Manager(s)

Carl Kawaja since 06-1999
Robert Lovelace since 06-1999
Nicholas Grace since 01-2008
Christopher Thomsen since 01-2009
Winnie Kwan since 01-2009
Tomonori Tani since 10-2013
Jonathan Knowles since 01-2016
Bradford Freer since 01-2017
Akira Shiraishi since 01-2017
Lisa Thompson since 10-2019
Kirstie Spence since 12-2019
Dawid Justus since 01-2020
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-Low	02-15-2022







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

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



## **Baird Aggregate Bond Inst** BAGIX

Morningstar Category Intermediate Core Bond Morningstar Index

Bloomberg US Agg Bond TR USD

#### Portfolio Manager(s)

M. Sharon deGuzman since 09-2000
Mary Ellen Stanek since 09-2000
Charles Groeschell since 09-2000
Warren Pierson since 09-2000
Meghan Dean since 05-2019
Jay Schwister since 05-2019
Jeffrey Schrom since 05-2021
Abhishek Pulakanti since 05-2022
Andrew O'Connell since 05-2022

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 21.76 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.3 is 49.15% lower than the Intermediate Core Bond category average.

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

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

#### **ESG Metrics**

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

#### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 06-30-2022 Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 3 year 5 year 10 year Since Inception Fund Return % -5.01 -11.02 -0.731.07 2.13 4.48 -4.69 -10.29 -0.93 0.88 1.54 6.78 Benchmark Return % -4 93 -10 74 -1 00 0.72 1 47 Category Average % 55 61 28 20 8 % Rank in Category

362

267



443

399

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

3- Tear hisk Wietrics			
	Fund	Bmark	Cat
Alpha	0.29	_	-0.03
Beta	1.07	_	1.00
R-Squared	94.98	_	89.84
Standard Deviation	5.02	4.56	4.83
Sharpe Ratio	-0.24	-0.31	-0.31
Tracking Error	1.17	_	1.50
Information Ratio	0.18	_	-0.13
Up Capture Ratio	114.97	_	104.20
Down Capture Ratio	109.33	_	104.27

# of Funds in Category

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.58	4.43	6.22
Avg Eff Maturity	8.50	_	8.25



456

# **Baird Aggregate Bond Inst** BAGIX

Dailu Ay	gregate bond mist	D.
Style Analysis as	s of 06-30-2022	
Style Breakdown		
Fixed Income	Quality High Mid	

Credit Rating Breakdown	Fund	Bmark	Cat
Duration			
Ltd Mod Ext			
Low			
M id			

			Asset Class	Net %	Cat%
			US Stocks	0.00	0.25
			Non-US Stocks	0.00	0.00
			Bonds	92.52	93.22
			Cash	3.43	4.32
			Other	4.05	2.21
0	50	100	Total	100.00	100.00

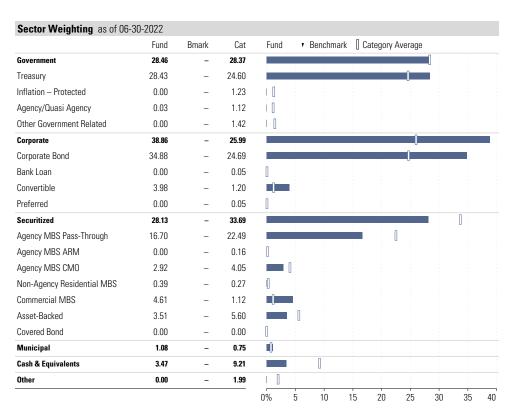
**Morningstar Category** 

Intermediate Core Bond

**Morningstar Index** 

Bloomberg US Agg Bond TR USD

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	58.90	3.53	45.64
AA	3.70	74.59	12.81
A	12.90	10.82	25.25
BBB	23.90	8.32	13.12
BB	0.60	0.28	1.45
В	0.00	0.00	0.60
Below B	0.00	0.00	0.30
Not Rated	0.00	2.46	0.84



Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Bonds 2.5%	02-2045	4.09	4.09	_
United States Treasury Bonds 2.88%	05-2043	3.42	7.52	_
→ First American Government Obligs U	02-2030	3.16	10.68	_
─ United States Treasury Notes 0.38%	07-2024	3.02	13.70	_
⊕ United States Treasury Notes 1.13%	08-2028	2.96	16.67	-
	11-2025	2.81	19.48	_
─ United States Treasury Notes 2.25%	11-2027	2.02	21.50	_
─ United States Treasury Bonds 1.38%	11-2040	1.99	23.48	_
United States Treasury Notes 2%	11-2026	1.65	25.13	_
⊕ United States Treasury Notes 1.25%	08-2031	1.60	26.73	_

Total Holdings 1528

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



## BlackRock High Yield Bond K BRHYX

**Morningstar Category** High Yield Bond Morningstar Index

ICE BofA US High Yield TR USD

#### Portfolio Manager(s)

James Keenan since 12-2007 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 0.49 is 46.15% lower than the High Yield Bond category average.

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

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

#### **ESG Metrics**

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

#### Growth of \$10,000 ▼ Manager Change V Partial Mgr Change Fund: \$10,000 - Benchmark: \$10,000 - Category: \$10,000 Performance Quartile (Within Category) 2013 2014 2015 2016 2017 2018 2019 2020 2021 YTD History 9.50 3.31 -3.96 14.01 8.31 -2.76 15.58 5.93 5.86 -13.61 Total Return % 2.08 0.81 0.68 -3.48 0.83 -0.50 1.17 -0.240.50 0.43 +/- Benchmark 1.84 2.60 2.20 0.05 0.71 -0.17 2.96 1.02 1.09 -0.77 +/- Category 12 12 52 41 14 50 13 36 21 52 Tot Ret % Rank in Cat

713

102

0.49

692

119

0.47

684

76

0.47

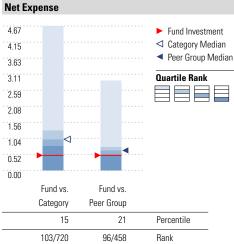
701

# 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 hisk wietrics			
	Fund	Bmark	Cat
Alpha	0.58	_	-0.19
Beta	1.01	_	0.96
R-Squared	99.18	_	95.51
Standard Deviation	10.31	10.21	10.02
Sharpe Ratio	0.05	-0.01	-0.02
Tracking Error	0.93	_	2.34
Information Ratio	0.61	_	-0.15
Up Capture Ratio	102.54	_	92.68
Down Capture Ratio	97.16	_	94.81

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



704

84

713

87

776

70

0.51

710

90

0.52

702

86

0.50

707

90

0.50

Style Breakdown

Mod Ext

Fixed Income

Duration

Style Analysis as of 06-30-2022

Quality

High

Mid

V V

## BlackRock High Yield Bond K BRHYX

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

#### Asset Allocation as of 06-30-2022 Asset Class Net % Cat% US Stocks 2.77 0.86 Non-US Stocks 0.00 0.03 Bonds 93.46 93.02 Cash 2.37 4.31 Other 1.40 1.78 50 100 Total 100.00 100.00

**Morningstar Category** 

High Yield Bond

Morningstar Index

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

ICE BofA US High Yield TR USD

	Fund	Bmark	Cat	Fund Benchmark Category Average	
Government	0.03	-	2.31		
Treasury	0.00	-	0.74		
Inflation – Protected	0.00	-	0.00		
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	10	
Agency MBS Pass-Through	0.00	-	0.06		
Agency MBS ARM	0.00	_	0.00		
Agency MBS CMO	0.00	_	0.14		
Non-Agency Residential MBS	0.00	_	0.12		
Commercial MBS	0.00	_	0.74		
Asset-Backed	0.33	_	0.97		
Covered Bond	0.00	_	0.00		
Municipal	0.00	_	0.10		
Cash & Equivalents	3.05	_	6.31	<u> </u>	
Other	0.10	_	1.16		

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

Total Holdings 1625

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



# PIMCO Commodity Real Ret Strat Instl PCRIX

#### Morningstar Category Commodities Broad Basket

#### Morningstar Index

Bloomberg Commodity TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 3.66 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.82 is 21.9% lower than the Commodities Broad Basket category average.

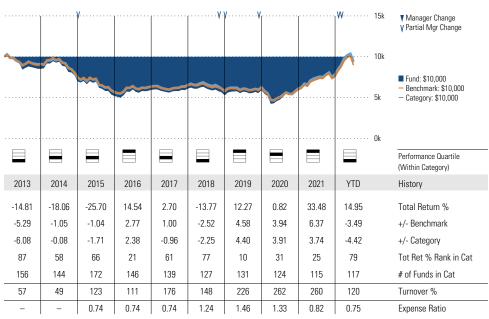
#### **Morningstar Investment Management LLC Analysis**

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

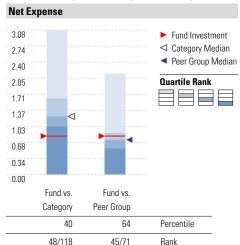
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2022

#### Growth of \$10,000



#### **Trailing Performance Total Return %** 30% as of 06-30-2022 ■ Fund 20 Benchmark Category 10 5 0 -5 -10 Average annual, if greater than 1 year 3 Month Since Inception 1 Year 3 year 5 year 10 year -7.56 22.96 16.88 10.25 -0.364.42 Fund Return % -5.66 24.27 14.34 8.39 -0.82 2.96 Benchmark Return % 26 47 -0.36 -4 39 15.34 9 48 Category Average % 87 64 22 31 50 % Rank in Category 118 115 110 92 60 # of Funds in Category



3-Year RISK Wietrics			
	Fund	Bmark	Cat
Alpha	0.72	_	0.69
Beta	1.14	_	1.04
R-Squared	96.40	_	86.47
Standard Deviation	20.91	18.00	20.37
Sharpe Ratio	0.83	0.80	0.79
Tracking Error	4.71	-	7.44
Information Ratio	0.54	-	0.20
Up Capture Ratio	113.54	-	104.68
Down Capture Ratio	110.76	-	103.93

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	12.32	_	_
Price/Book Ratio	1.51	_	1.66
Geom Avg Mkt Cap \$B	20.09	_	30.45
ROE	16.78	-	18.03

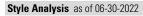


# PIMCO Commodity Real Ret Strat Instl PCRIX

## **Morningstar Category**Commodities Broad Basket Bloor

Morningstar Index

Bloomberg Commodity TR USD



Morningstar Style Box™



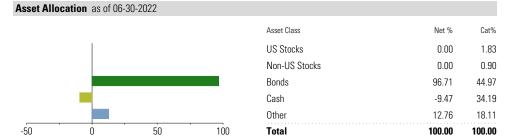


Equity



Weight %

>50 25-50 10-25 0-10



		Fund	Bmark	Cat	Fund	▼ B	enchmark	Cate	gory A	verage		
ŀ	Cyclical	-	_	30.70								
ė.	Basic Materials	_	_	28.95								
Д	Consumer Cyclical	_	_	1.75								
£	Financial Services	_	_	0.00	0							
<b>f</b>	Real Estate	_	_	0.00								
M	Sensitive	-	-	52.63								
	Communication Services	_	_	0.00	Ò							
•	Energy	_	_	50.00								
ф	Industrials	_	_	2.63								
	Technology	_	_	0.00								
<b>→</b>	Defensive	_	_	16.67								
=	Consumer Defensive	_	_	16.67								
٠	Healthcare	-	-	0.00								
•	Utilities	_	_	0.00	ĺ.							

<b>Top 15 Holdings</b> as of 06-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
① United States Treasury Notes 0.125% 0.125%	19.14	19.14	_	_
☆ Cash Offset	17.07	36.21	_	-
□ U S TIPS REV REPO	16.33	52.54	_	_
□ U S TIPS REV REPO	16.33	68.87	_	_
⊕ United States Treasury Notes 0.125% 0.125%	11.13	80.00	-	_
⊕ Pimco Cayman Cmdty Fd Ltd Instl	10.23	90.23	_	_
⊕ Euro Schatz Future June 22	10.21	100.44	_	_
☆ Offset: Unsettled Trades	7.91	108.35	_	_
⊕ 10 Year Treasury Note Future June 22	7.60	115.95	_	_
⊕ United States Treasury Notes 0.125% 0.125%	7.10	123.05	_	_
3 Month Euribor Future Mar 23	6.85	129.90	_	_
─ EUROPEAN MONETARY UNION EURO Sold	6.53	136.43	_	_
⊕ EUROPEAN MONETARY UNION EURO Purchased	6.53	142.96	_	_
⊕ 2 Year Treasury Note Future June 22	6.43	149.39	_	_
⊕ United States Treasury Notes 0.625% 0.625%	6.27	155.67	_	_

## Total Holdings 834

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



## PIMCO Income Instl PIMIX

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 15.26 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.62 is 38% lower than the Multisector Bond category average.

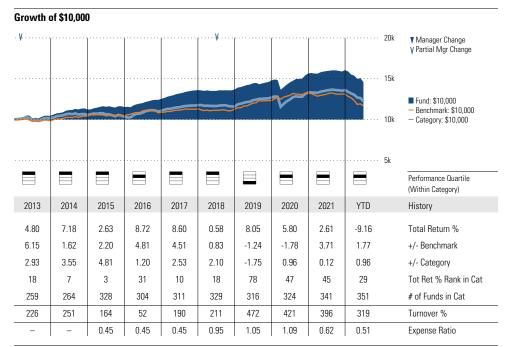
#### **Morningstar Investment Management LLC Analysis**

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

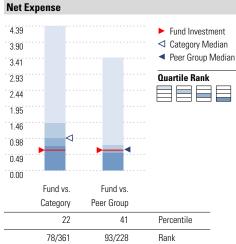
## Morningstar Category Multisector Bond

Morningstar Index

ector Bond Bloomberg US Universal TR USD





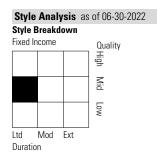


3-Year RISK Wietrics			
	Fund	Bmark	Cat
Alpha	1.25	_	1.02
Beta	0.84	_	1.09
R-Squared	36.53	_	42.50
Standard Deviation	6.55	4.69	8.32
Sharpe Ratio	0.00	-0.30	-0.05
Tracking Error	5.27	_	6.53
Information Ratio	0.24	_	0.15
Up Capture Ratio	92.92	_	112.99
Down Capture Ratio	74.82	_	101.84

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 Insti PIMIX



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** 

	Fund	Bmark	Cat	Fund		Benchmark	. II c	otogon,	Average			
				runc		Dencimar	i ji c	ategory .	Average			
Government	25.97	-	18.86			. :	1		1			
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	į								
Agency MBS CMO	0.78	_	0.82									
Non-Agency Residential MBS	3.56	_	1.60									
Commercial MBS	0.21	_	5.02	İ								
Asset-Backed	7.38	-	10.93		:	ı [						
Covered Bond	0.00	-	0.02	0								
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	_
→ IRO USD 1Y P 1.27000 L 11/02/22 GLM	11-2022	11.46	32.66	_
Öffset: 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** 

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



## PIMCO International Bond (USD-Hdg) Instl PFORX

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 10 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 0.52 is
 29.73% lower than the Global Bond-USD Hedged category average.

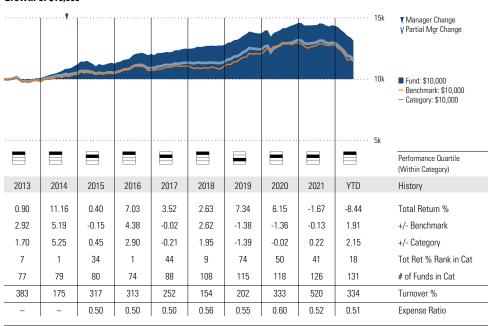
#### **Morningstar Investment Management LLC Analysis**

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

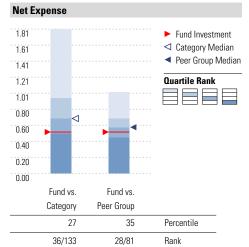
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	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 -4.89 -8.85 -1.02 1.51 3.47 6.34 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 % 25 22 23 % Rank in Category 131 130 112 89 58 # of Funds in Category



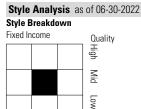
3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.41	_	-0.81
Beta	0.63	_	0.91
R-Squared	49.82	_	57.84
Standard Deviation	4.08	4.56	5.48
Sharpe Ratio	-0.37	-0.31	-0.41
Tracking Error	3.34	_	3.78
Information Ratio	-0.03	_	-0.20
Up Capture Ratio	69.36	_	99.24
Down Capture Ratio	75.47	_	111.69

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



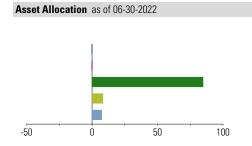
# PIMCO International Bond (USD-Hdg) Instl PFORX

Morningstar Category Global Bond-USD Hedged Morningstar Index Bloomberg US Agg Bond TR USD



Mod Ext

Duration



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

Agency/Quasi Agency 1.44 - 5.89					0%	5	10	15	20	25	30	35	40	45	50
Government	Other	18.00	-	12.90											
Treasury   7.70   - 35.82	Cash & Equivalents	27.90	_	18.76											
Treasury   7.70   - 35.82	Municipal	0.03	_	0.12											
Treasury   7.70   - 35.82	Covered Bond	0.96	-	0.34	0										
Treasury   7.70   - 35.82	Asset-Backed	2.87	-	1.54											
Government         40.86         -         48.86           Treasury         7.70         -         35.82           Inflation - Protected         0.43         -         1.50           Agency/Quasi Agency         1.44         -         5.89         □           Other Government Related         31.29         -         5.65           Corporate         4.13         -         14.21         □           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 CMO         0.02         -         0.42         □	Commercial MBS	0.27	_	0.64	•										
Government         40.86         -         48.86           Treasury         7.70         -         35.82           Inflation - Protected         0.43         -         1.50           Agency/Quasi Agency         1.44         -         5.89         □           Other Government Related         31.29         -         5.65           Corporate         4.13         -         14.21         □           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         □	Non-Agency Residential MBS	1.26	-	0.10	<u>[</u>										
Government         40.86         -         48.86           Treasury         7.70         -         35.82           Inflation – Protected         0.43         -         1.50           Agency/Quasi Agency         1.44         -         5.89         □           Other Government Related         31.29         -         5.65         □           Corporate         4.13         -         14.21         □           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 CMO	0.02	_	0.42											
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Government         40.86         -         48.86           Treasury         7.70         -         35.82           Inflation – Protected         0.43         -         1.50           Agency/Quasi Agency         1.44         -         5.89         □           Other Government Related         31.29         -         5.65         □           Corporate         4.13         -         14.21         □           Corporate Bond         2.97         -         13.01         □           Bank Loan         0.06         -         0.31         □           Convertible         0.92         -         0.88         □           Preferred         0.18         -         0.01         □	Agency MBS Pass-Through	2.72	_	2.03											
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Government         40.86         -         48.86           Treasury         7.70         -         35.82           Inflation - Protected         0.43         -         1.50         □           Agency/Quasi Agency         1.44         -         5.89         □           Other Government Related         31.29         -         5.65         □           Corporate         4.13         -         14.21         □           Corporate Bond         2.97         -         13.01         □           Bank Loan         0.06         -         0.31         □	Preferred	0.18	_	0.01											
Government         40.86         -         48.86           Treasury         7.70         -         35.82           Inflation - Protected         0.43         -         1.50         □           Agency/Quasi Agency         1.44         -         5.89         □           Other Government Related         31.29         -         5.65         □           Corporate         4.13         -         14.21         □           Corporate Bond         2.97         -         13.01         □	Convertible	0.92	_	0.88											
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Government         40.86         -         48.86           Treasury         7.70         -         35.82           Inflation - Protected         0.43         -         1.50         I □           Agency/Quasi Agency         1.44         -         5.89         I □	Corporate	4.13	_	14.21											
Government         40.86         -         48.86           Treasury         7.70         -         35.82           Inflation - Protected         0.43         -         1.50         []	Other Government Related	31.29	_	5.65				- :		- :					
Government         40.86         -         48.86           Treasury         7.70         -         35.82	Agency/Quasi Agency	1.44	_	5.89											
Government 40.86 – 48.86	Inflation – Protected	0.43	_	1.50	10										
	Treasury	7.70	_	35.82			ı i								
Fund Bmark Cat Fund • Benchmark [] Category Average	Government	40.86	_	48.86											
		Fund	Bmark	Cat	Fund		▼ Ben	chmark	[] Ca	ategory	Avera	ge			

<b>Top 10 Holdings</b> as of 06-30-2022				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
○ OIS USD SOFR/1.32000 12/21/22-1Y LCH Pay	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	-
□ IRS USD 1.27000 11/04/22-1Y (RED) LCH Pay	11-2023	10.91	188.19	-

Total Holdings 1778

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



# PIMCO Short-Term Instl PTSHX

#### **Morningstar Category** Ultrashort Bond

#### Morningstar Index

Bloomberg US Agg Bond TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 11.5 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.47 is 0% higher than the Ultrashort Bond category average.

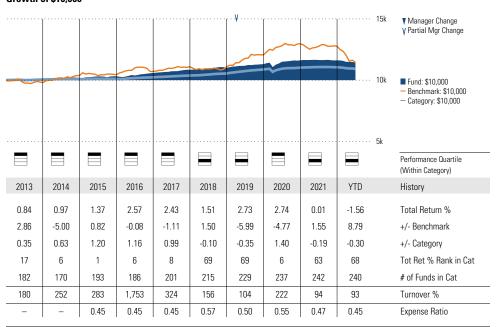
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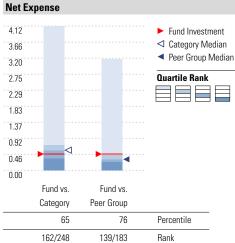
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	05-31-2022

#### Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.93	-	0.61
Beta	0.17	-	0.15
R-Squared	10.31	-	18.16
Standard Deviation	2.42	4.56	1.87
Sharpe Ratio	0.09	-0.31	-0.06
Tracking Error	4.42	-	4.39
Information Ratio	0.38	-	0.32
Up Capture Ratio	32.87	-	25.90
Down Capture Ratio	16.05	-	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 Instl PTSHX

# Style Analysis as of 06-30-2022 Style Breakdown Fixed Income Quality Given the state of the st

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

#### 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** 

Bloomberg US Agg Bond TR USD

Sector Weighting as of 06-	30-2022											
	Fund	Bmark	Cat	Fund	•	Benchmark	[] Ca	tegory .	Average			
Government	36.83	-	17.03									
Treasury	6.14	_	9.81									
Inflation – Protected	0.00	_	0.03									
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									
Preferred	0.00	_	0.00									
Securitized	17.85	-	25.58									
Agency MBS Pass-Through	0.51	_	2.98	1 [								
Agency MBS ARM	0.09	_	0.77	1[]								
Agency MBS CMO	1.70	_	4.15									
Non-Agency Residential MBS	0.87	_	0.16	[]								
Commercial MBS	2.38	_	1.64									
Asset-Backed	12.30	-	15.88									
Covered Bond	0.00	_	0.00									
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

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	_
→ AUSTRALIAN DOLLARS Sold	04-2022	3.37	88.30	_

Total Holdings 1400

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



## Vanguard 500 Index Admiral VFIAX

# Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

- ✓ Performance: The fund has finished in the Large Blend category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 6.18 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	Fun	4	▼ Ben	chmark	l ra	tonon	Avera	an			
l.	Cyclical	28.43	28.47	29.31	Turn		Dell	Cilliair	. [] 00	itegury	Avera	yc :			
_	•				7				- 1	1	U :				
a.	Basic Materials	2.28	2.28	2.77			· ·								
4	Consumer Cyclical	10.31	10.31	10.12											
<u>,</u>	Financial Services	12.92	12.96	13.88				<b>"</b> []							
ŧ	Real Estate	2.92	2.92	2.54		1									
M	Sensitive	45.82	45.78	45.68											
	Communication Services	8.88	8.87	8.47			<b>•</b> 0								
•	Energy	4.36	4.35	3.82		0									
<b>Ģ</b>	Industrials	8.31	8.31	9.95			<b>–</b> (								
1	Technology	24.27	24.25	23.44											
<b>→</b>	Defensive	25.76	25.74	25.01			_								
	Consumer Defensive	7.41	7.41	7.16											
1	Healthcare	15.24	15.23	15.20			- :-								
?	Utilities	3.11	3.10	2.65		<b>'</b>									
					0%	5	10	15	20	25	30	35	40	45	

#### **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

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



## Vanguard Inflation-Protected Secs Adm VAIPX

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

#### Portfolio Manager(s)

John Madziyire since 11-2021

#### **Quantitative Screens**

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

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

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.1 is 82.76% lower than the Inflation-Protected Bond category average.

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2022

#### Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.12	_	0.12
Beta	0.94	_	0.90
R-Squared	98.95	_	81.19
Standard Deviation	4.75	5.01	5.14
Sharpe Ratio	0.52	0.51	0.51
Tracking Error	0.57	_	2.40
Information Ratio	-0.09	_	-0.31
Up Capture Ratio	94.57	_	90.59
Down Capture Ratio	92.65	-	89.58

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	7.37	4.52	6.23
Avg Eff Maturity	7.70	-	7.41



## Vanguard Inflation-Protected Secs Adm VAIPX

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





Asset Class	Net %	Cat%
US Stocks	0.00	0.11
Non-US Stocks	0.00	0.00
Bonds	99.99	94.74
Cash	0.01	4.31
Other	0.00	0.83
Total	100.00	100.00

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

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	99.96	0.00	87.52
AA	0.00	99.60	8.49
A	0.00	0.00	0.26
BBB	0.00	0.00	0.89
BB	0.00	0.00	0.23
В	0.00	0.00	0.05
Below B	0.00	0.00	0.10
Not Rated	0.04	0.40	2.46

Sector Weighting as of 06-3	30-2022					
	Fund	Bmark	Cat	Fund	▼ Benchmark	Category Average
Government	99.97	_	86.62			
Treasury	0.00	-	0.41			
Inflation – Protected	99.97	-	81.67			
Agency/Quasi Agency	0.00	-	0.03	0		
Other Government Related	0.00	_	4.51	[]		
Corporate	0.00	_	2.90			
Corporate Bond	0.00	-	2.60			
Bank Loan	0.00	-	0.20	0		
Convertible	0.00	-	0.10			
Preferred	0.00	_	0.00	0		
Securitized	0.00	_	4.98	[		
Agency MBS Pass-Through	0.00	_	0.60	0		
Agency MBS ARM	0.00	_	0.00			
Agency MBS CMO	0.00	_	0.68	0		
Non-Agency Residential MBS	0.00	_	0.25	0		
Commercial MBS	0.00	_	0.69	0		
Asset-Backed	0.00	_	2.54	10		
Covered Bond	0.00	_	0.22	0		
Municipal	0.00	_	0.02			
Cash & Equivalents	0.03	_	4.53			
Other	0.00	_	0.92			

2.74

35.68

**Top 10 Holdings** as of 06-30-2022 Name Maturity Date % Net Asset Cumulative % Fixed Income Sector United States Treasury Notes 6.32 6.32 United States Treasury Notes 4.11 10.44 United States Treasury Notes 3.73 14.17 ① United States Treasury Notes 3.54 17.71 ① United States Treasury Notes 3.33 21.04 United States Treasury Notes 3.23 24.27 United States Treasury Notes 2.99 27.26 United States Treasury Notes 30.14 2.88 United States Treasury Notes 2.80 32.94

Total Holdings 49

igoplus United States Treasury Notes

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



## Vanguard International Growth Adm VWILX

**Morningstar Category** Foreign Large Growth

Morningstar Index MSCI EAFE NR USD

#### Portfolio Manager(s)

Simon Webber since 12-2009 Thomas Coutts since 12-2016 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.

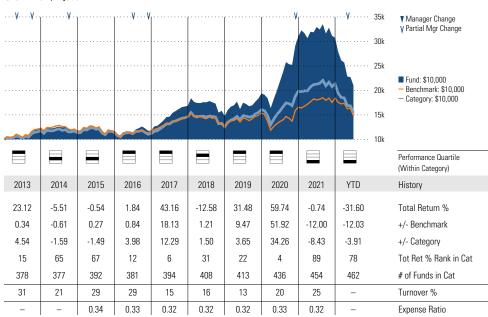
#### **Morningstar Investment Management LLC Analysis**

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			✓ Peer Group Median Quartile Rank
1.84			
1.47 1.10			
0.74	•		
0.00			
	Fund vs. Category	Fund vs. 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

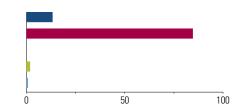
10	33	44	Large
1	4	8	Mid
0	0	0	Small

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				0	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**

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



## Vanguard International Value Inv VTRIX

**Morningstar Category** Foreign Large Value

Morningstar Index MSCI EAFE NR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

- Performance: The fund has finished in the Foreign Large Value category's top three quartiles in 8 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 12.1 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	4
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.

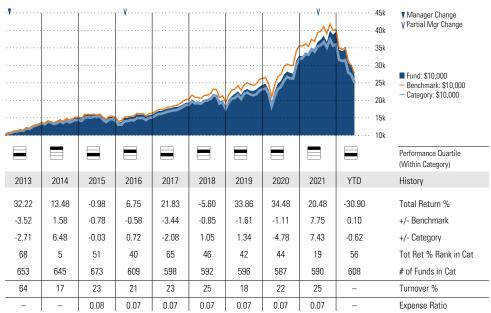
#### **Morningstar Investment Management LLC Analysis**

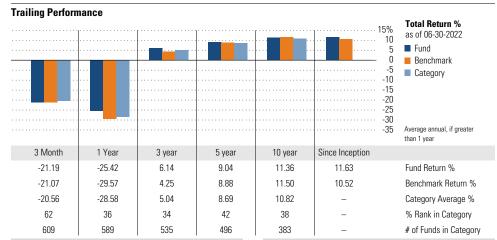
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

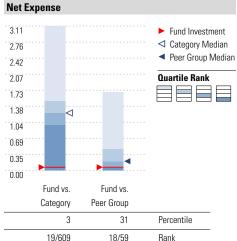
#### **ESG Metrics**

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







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	NIQ
0	0	0	Small

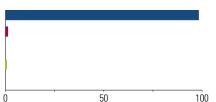
Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 06-30-2022





	ctor Weighting as of 06-3		<b>D</b> 1	0 .	-		_			1						
		Fund	Bmark	Cat	Fund	1	▼ Be	nchma	ırk [	Cate	gory Av	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												
<del>,</del>	Financial Services	5.57	5.59	9.81		ľ										
命	Real Estate	7.84	2.13	3.48												
W	Sensitive	54.99	53.90	48.52												
d	Communication Services	6.50	5.24	3.39												
•	Energy	5.35	4.48	2.16		_										
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	Ĭ											
					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
Synopsys Inc     Synopsys Inc	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

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



## 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.

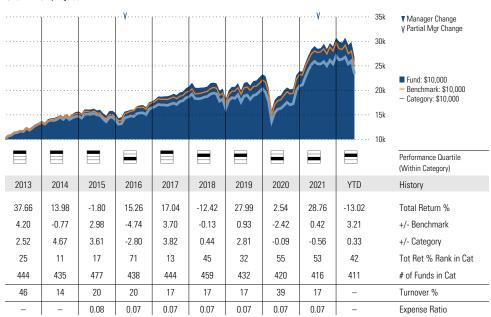
#### **Morningstar Investment Management LLC Analysis**

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.

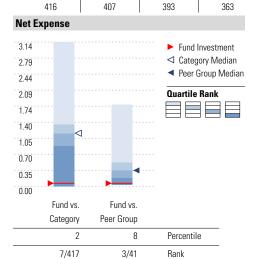
#### **ESG Metrics**

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



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

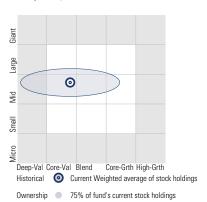
# Morningstar Category ■ Mid-Cap Value

Morningstar Index

Russell Mid Cap Value TR USD

## Style Analysis as of 06-30-2022

Morningstar Style Box™



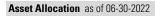
#### Style Breakdown

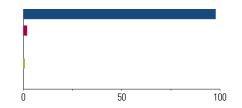
Equity

1. /			
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%

		Fund	Bmark	Cat	Fund • Benchmark   Category Average
		Fund			Fund • Benchmark [] Category Average
b	Cyclical	45.05	46.19	41.38	
à.	Basic Materials	5.62	5.88	6.37	
<b>-</b>	Consumer Cyclical	9.73	10.14	10.66	
₽	Financial Services	17.08	17.38	17.87	
b	Real Estate	12.62	12.79	6.48	
NI	Sensitive	26.74	32.78	34.85	
	Communication Services	2.70	3.85	3.58	
•	Energy	5.53	5.07	6.96	
<b>Ģ</b>	Industrials	10.39	13.70	14.97	
3	Technology	8.12	10.16	9.34	
<b>→</b>	Defensive	28.20	21.03	23.76	
Ę	Consumer Defensive	7.15	4.63	6.57	
ŀ	Healthcare	8.07	7.47	10.63	
?	Utilities	12.98	8.93	6.56	7

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Name	% Net Asset	Guillulative 76	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

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



## Vanguard Real Estate Index Admiral VGSLX

Morningstar Category Real Estate Morningstar Index

S&P United States REIT TR USD

### Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 26.15 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	•	Benchmark	[] (	Categ	ory .	Aver	rage			
,	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										
ì	Financial Services	0.00	0.00	0.23	Ŏ										
ì	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										
ĺ	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.

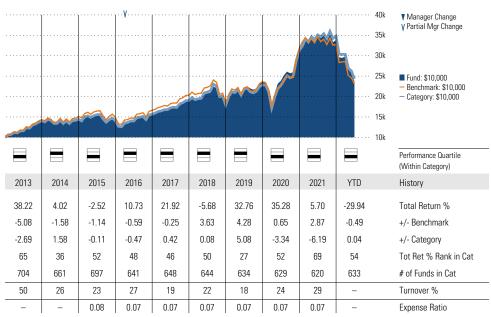
### **Morningstar Investment Management LLC Analysis**

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
→ Texas Pacific Land Corp	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.

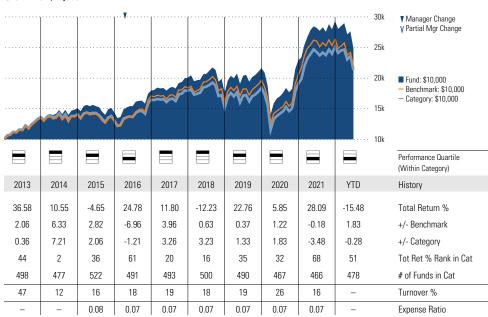
### **Morningstar Investment Management LLC Analysis**

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.

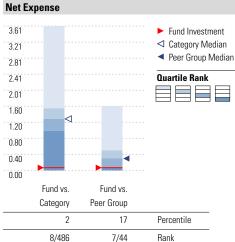
#### **ESG Metrics**

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

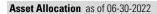
Equity

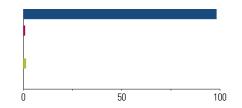
1. /			
0	0	0	Large
17	22	3	Mid
28	27	3	Small

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	
	Basic Materials	5.56	3.38	5.98	
<b>-</b>	Consumer Cyclical	11.13	9.86	12.53	
ê	Financial Services	21.15	25.43	23.37	
à	Real Estate	11.20	14.85	7.58	
NF	Sensitive	34.65	26.34	37.28	
	Communication Services	1.98	3.21	2.08	
•	Energy	6.11	4.61	7.62	
þ	Industrials	19.05	11.84	18.18	
1	Technology	7.51	6.68	9.40	
+	Defensive	16.30	20.14	13.27	
Ţ	Consumer Defensive	5.14	3.71	4.26	
1	Healthcare	5.82	11.15	5.77	
2	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.

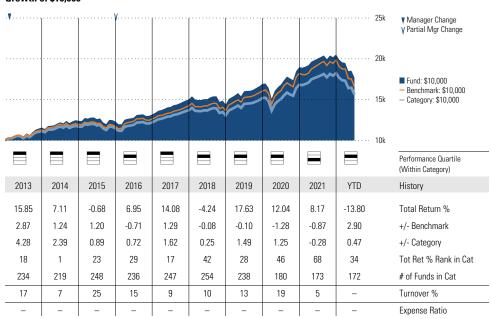
### **Morningstar Investment Management LLC Analysis**

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**

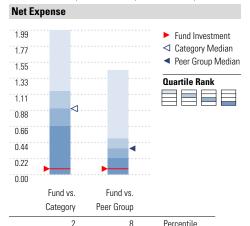
Metric	Rating	Updated
Sustainability Rating	3	05-31-2022
ESG Commitment	1-Low	02-15-2022

### Growth of \$10,000



### **Trailing Performance**





	3/172	25/320	Rank
Peer group	is a subset of the	e category and	includes funds with the
same mana	agement style (ac	tive vs. passive	e) and similar 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

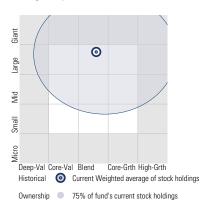
Quality High Mid

**Morningstar Category** Target-Date 2020

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

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

Morningstar Style Box™





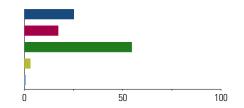
Equity				Fixed	Income	
19	28	27	Large			
6	9	5	Mid			
2	3	1	Small			
Value	Blend	Growth		Ltd	Mod	Ex

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.

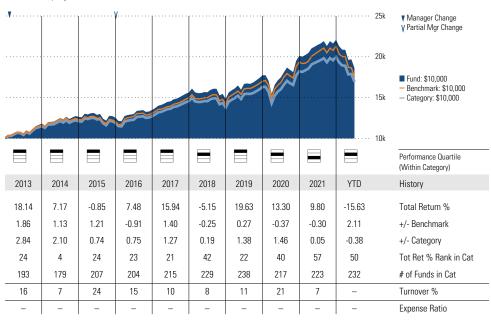
### **Morningstar Investment Management LLC Analysis**

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.

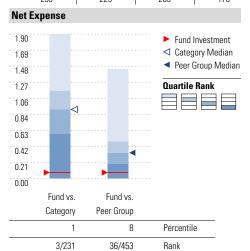
#### **ESG Metrics**

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

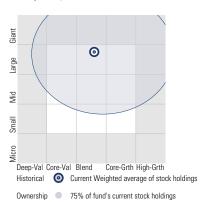


## Vanguard Target Retirement 2025 Fund VTTVX

**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
٠	Cyclical	35.44	38.95	35.78	Turid Borisimark   Gategory Wording
ì.	Basic Materials	5.19	4.56	4.53	
	Consumer Cyclical	10.67	9.96	10.58	
<u></u>	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
à	Real Estate	3.76	8.91	5.41	
Ųf	Sensitive	42.40	38.40	41.30	
	Communication Services	7.36	6.00	7.19	
	Energy	5.26	4.62	4.82	
ž	Industrials	10.77	10.94	10.29	)
3	Technology	19.01	16.84	19.00	
+	Defensive	22.15	22.64	22.93	
Ţ	Consumer Defensive	6.95	6.22	6.71	
1	Healthcare	12.13	13.09	12.99	
1	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.

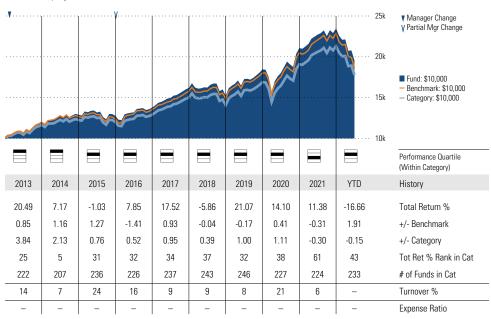
### **Morningstar Investment Management LLC Analysis**

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-l ow	02-15-2022

### Growth of \$10,000



### **Trailing Performance**

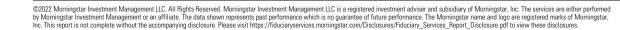


Net Exp	ense			
1.90				Fund Investment
1.69				Category Median
1.48				<ul> <li>Peer Group Median</li> </ul>
1.27				Quartile Rank
1.06	✓			
0.84				
0.63				
0.42			₹	
0.21				
0.00		1		
	Fund vs.	Fun	d vs.	
	Category	Peer G	roup	
	1		8	Percentile

	3/232	30/387	Rank				
0 1	Peer group is a subset of the category and includes 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

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

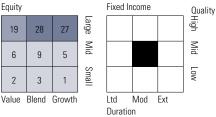
**Morningstar Index** Morningstar Lifetime Mod 2030 TR USD

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

Morningstar Style Box™



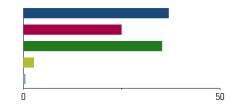
### Style Breakdown



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.

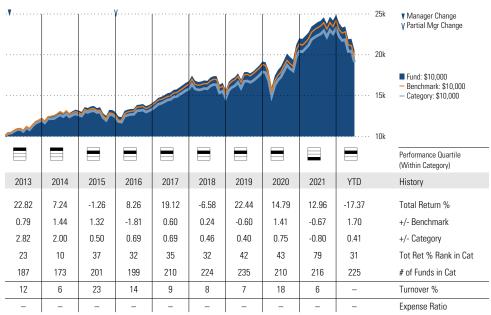
### **Morningstar Investment Management LLC Analysis**

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**

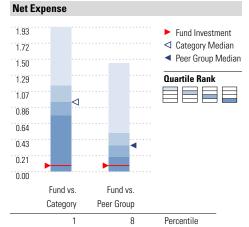
Metric	Rating	Updated
Sustainability Rating	3	05-31-2022
Carbon Risk Score	Low Risk	03-31-2022
ESG Commitment	1-Low	02-15-2022

### 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

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# **Vanguard Target Retirement 2035 Fund** VTTHX

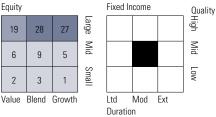
**Morningstar Index** Morningstar Lifetime Mod 2035 TR USD **Morningstar Category** Target-Date 2035

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

Morningstar Style Box™



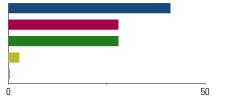
## Style Breakdown



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.

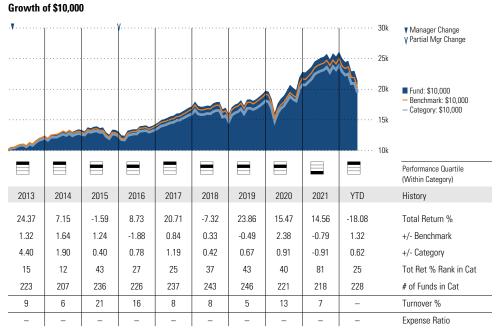
Net Expense: The fund's expense ratio of 0.08 is 88.57% lower than the Target-Date 2040 category average.

### **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	<u>.</u>		
0.87			
0.65			٠
0.43		·····	٠
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 in	cludes 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				



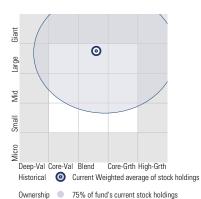
## Vanguard Target Retirement 2040 Fund VFORX

**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	
÷.	Basic Materials	5.20	4.88	4.57	
<b>-</b>	Consumer Cyclical	10.67	10.24	10.76	
<u></u>	Financial Services	15.83	15.94	15.48	<b>1</b>
b	Real Estate	3.77	7.61	5.05	
NF	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
1	Technology	19.01	16.62	18.99	
+	Defensive	22.13	22.68	22.69	
Ę	Consumer Defensive	6.94	6.36	6.63	
1	Healthcare	12.13	12.94	12.96	
2	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.

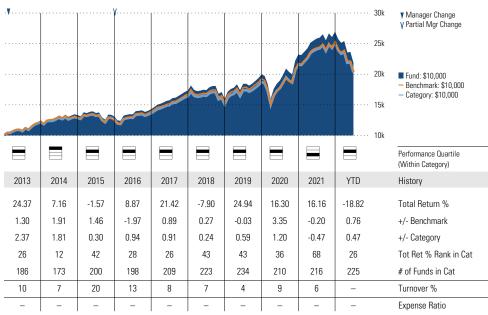
### **Morningstar Investment Management LLC Analysis**

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**

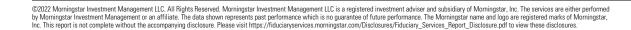


Net Ex	pense		
1.94			Fund Investment
1.72			Category Median
1.51			<ul> <li>Peer Group Median</li> </ul>
1.29			Quartile Rank
1.08			
0.86			
0.65			
0.43		·····	
0.22			
0.00			
	Fund vs.	Fund vs.	
	Category	Peer Group	
	1	8	Percentile

	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

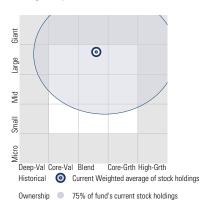
Quality High MidLow

**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

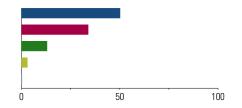
Equity

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	Fund	d '	Bench	ımark	Categ	jory Ave	erage			
Դ	Cyclical	35.46	38.76	35.80										
A	Basic Materials	5.20	4.97	4.63		<b>—</b> [j								
A	Consumer Cyclical	10.67	10.30	10.88										
<del>,</del>	Financial Services	15.83	16.04	15.45			_							
ıπ	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		7	]							
ð	Energy	5.27	4.76	4.74										
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**

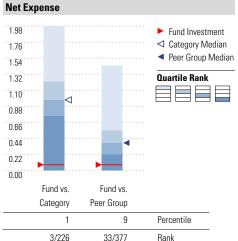
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

#### **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

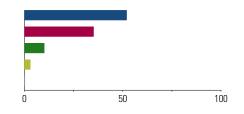
Style Breakdown

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

	<b>.</b>		Б .	0 .	-				По.					
		Fund	Bmark	Cat	Fund	d '	Bench	ımark	Categ	jory Ave	rage			
ŀ	Cyclical	35.45	38.94	36.04										
A.	Basic Materials	5.19	5.05	4.60										
<b>A</b>	Consumer Cyclical	10.67	10.35	10.86				_						
<u></u>	Financial Services	15.83	16.10	15.46				0						
<b>fi</b>	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>Ģ</b>	Industrials	10.77	11.37	10.42			<b></b> )							
	Technology	19.02	16.37	18.83				•						
<b>→</b>	Defensive	22.15	22.52	22.84										
	Consumer Defensive	6.94	6.42	6.58										
٠	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.

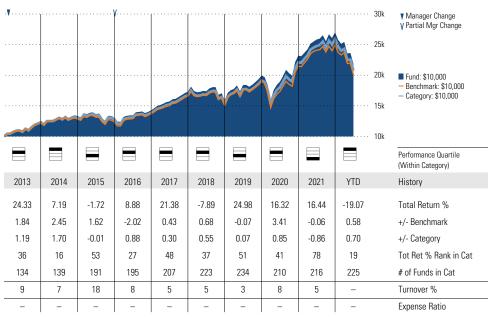
### **Morningstar Investment Management LLC Analysis**

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	0 ,	d includes funds with the
o o	tyle (active vs. passiv	ve) 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 %

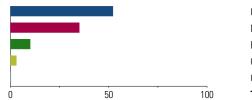
>50 25-50 10-25 0-10



## 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.

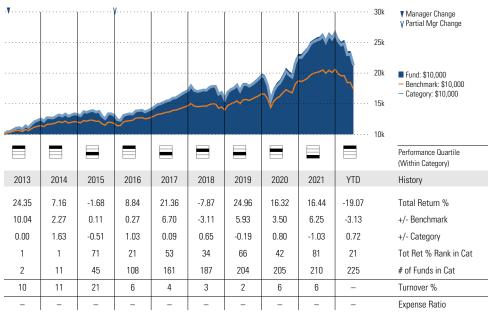
### **Morningstar Investment Management LLC Analysis**

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.

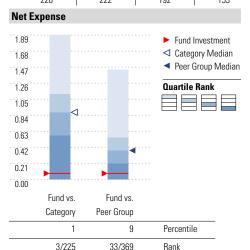
#### **ESG Metrics**

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

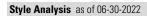
High

Mid

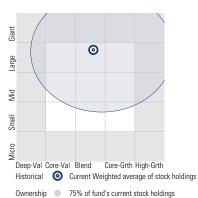
Low

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

Morningstar Mod Tgt Risk TR USD



Morningstar Style Box™



Fixed Income

Ltd

Mod Duration

### Style Breakdown

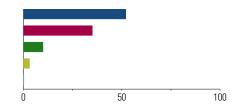
Equity 19 28



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.

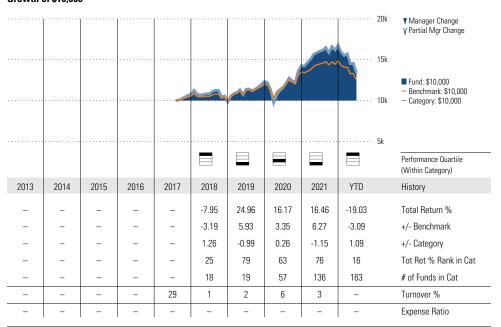
### **Morningstar Investment Management LLC Analysis**

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.

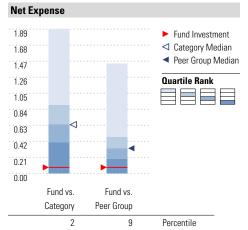
### **ESG Metrics**

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





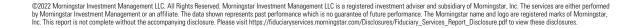


24/275 Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

Rank

3- Fear nisk Wietrics			
	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



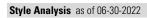


# Vanguard Target Retirement 2065 Fund VLXVX

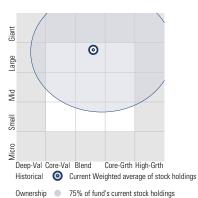
Quality High MidLow

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

Morningstar Mod Tgt Risk TR USD



Morningstar Style Box™

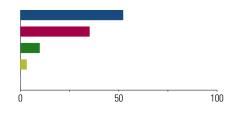


# Style Breakdown

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	i '	Bench	mark	Cate	gory 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> ]	<b>'</b>							
W	Sensitive	42.41	38.13	42.05										)
d	Communication Services	7.36	6.23	7.38										
•	Energy	5.26	4.89	5.09										
Ф	Industrials	10.76	10.93	10.54										
	Technology	19.03	16.08	19.04				- 1						
<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.

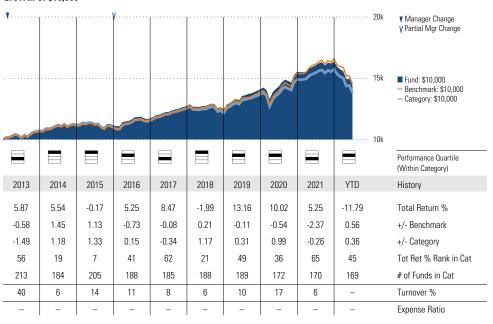
### **Morningstar Investment Management LLC Analysis**

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**

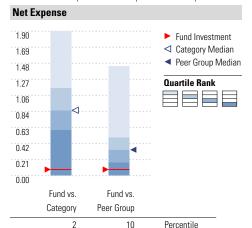
Metric	Rating	Updated
Sustainability Rating	3	05-31-2022
ESG Commitment	1-Low	02-15-2022

### Growth of \$10,000



### **Trailing Performance**



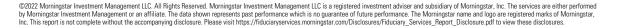


	3/168	38/380	Rank				
Peer group is a subset of the category and includes funds with the							
same management style (active vs. passive) and similar share class							
charactorie	tice						

Rank

3-Year Kisk 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

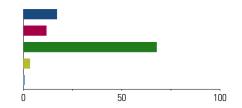
Equity				rixeu	income	
19	28	27	Large			
6	9	5	Mid			
2	3	1	Small			
Value	Blend	Growth		l td	Mod	F

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

## Vanguard Value Index Adm VVIAX

### Portfolio Manager(s)

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

#### Quantitative Screens

- Performance: The fund has finished in the Large Value category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 27.52 years.
- Style: The fund has landed in its primary style box Large Value — 100 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.05 is 94.51% lower than the Large Value category average.

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

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

#### **ESG Metrics**

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

25

6

8

0.08

**Morningstar Category** Large Value

Morningstar Index

Russell 1000 Value TR USD

Turnover %

Expense Ratio

#### Growth of \$10,000 ▼ Manager Change V Partial Mgr Change 30k ■ Fund: \$10,000 - Benchmark: \$10,000 - Category: \$10,000 10k Performance Quartile (Within Category) 2013 2014 2015 2016 2017 2018 2019 2020 2021 YTD History 33.05 13.18 -0.86 16.86 17.13 -5.43 25.82 2.29 26.49 -9.40 Total Return % -0.27 3.47 -0.72 0.52 2.97 -0.48 2.84 -0.51 1.33 3.46 +/- Benchmark 2.97 0.27 1.84 3.19 2.05 1.19 3.10 0.78 -0.62 1.93 +/- Category 34 12 15 27 37 19 44 53 44 31 Tot Ret % Rank in Cat 1,379 1,352 1,442 1,329 1,348 1,291 1,219 1,249 # of Funds in Cat

1,257

10

0.05

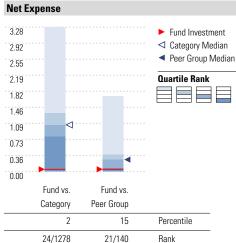
9

0.05



12

0.05



1,347

7

0.06

9

0.05

8

0.05

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	1.99	_	1.12
Beta	0.94	_	0.98
R-Squared	99.00	-	95.15
Standard Deviation	18.33	19.46	19.62
Sharpe Ratio	0.51	0.41	0.46
Tracking Error	2.20	_	4.56
Information Ratio	0.82	-	0.23
Up Capture Ratio	100.24	-	99.83
Down Capture Ratio	92.90	_	95.74

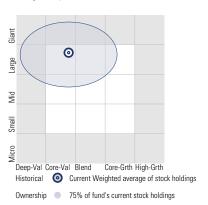
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	14.64	14.08	13.98
Price/Book Ratio	2.41	2.09	2.27
Geom Avg Mkt Cap \$B	97.57	68.54	102.32
ROE	25.65	19.36	24.46



# Vanguard Value Index Adm VVIAX

## Style Analysis as of 06-30-2022

Morningstar Style Box™



### Style Breakdown

Equity

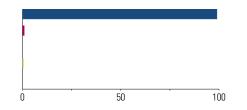
32	41	6	Large
8	11	1	Mid
0	0	0	Small

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	0.33
Cash	0.29	1.39
Bonds	0.00	0.30
Non-US Stocks	0.81	5.97
US Stocks	98.89	92.00
Asset Class	Net %	Cat%

Morningstar Index

Russell 1000 Value TR USD

**Morningstar Category** 

Large Value

		Fund	Bmark	Cat	Fund	١ ,	Bench	mark	Categ	jory Ave	rage		
ŀ	Cyclical	27.70	34.45	31.70									
ė.	Basic Materials	2.72	3.68	3.56									
<b>A</b>	Consumer Cyclical	2.41	5.79	6.21									
÷	Financial Services	19.32	19.67	18.71									
à	Real Estate	3.25	5.31	3.22		0							
M	Sensitive	31.78	34.76	36.66									
	Communication Services	4.15	8.85	6.70			_ ` `						
ð	Energy	7.47	7.27	7.99			i()						
ф	Industrials	11.91	9.91	11.05									
	Technology	8.25	8.73	10.92			<b>"</b> [						
<b>→</b>	Defensive	40.51	30.79	31.65			_						
=	Consumer Defensive	11.66	7.45	8.99									
٠	Healthcare	22.78	17.41	17.12			1						
•	Utilities	6.07	5.93	5.54									

<b>Top 15 Holdings</b> as of 06-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ UnitedHealth Group Inc	2.99	2.99	2.91	Healthcare
⊕ Berkshire Hathaway Inc Class B	2.93	5.93	-8.69	Financial Services
⊕ Johnson & Johnson	2.90	8.83	5.04	Healthcare
⊕ Exxon Mobil Corp	2.24	11.07	42.83	Energy
⊕ Procter & Gamble Co	2.14	13.22	-11.01	Consumer Defensive
⊕ JPMorgan Chase & Co	2.06	15.27	-27.62	Financial Services
→ Pfizer Inc	1.83	17.10	-9.86	Healthcare
⊕ Eli Lilly and Co	1.72	18.82	18.09	Healthcare
AbbVie Inc	1.68	20.50	15.47	Healthcare
○ Chevron Corp	1.59	22.09	25.79	Energy
⊕ Coca-Cola Co	1.53	23.62	7.74	Consumer Defensive
⊕ Merck & Co Inc	1.43	25.05	20.76	Healthcare
⊕ PepsiCo Inc	1.43	26.48	-2.78	Consumer Defensive
⊕ Bank of America Corp	1.33	27.81	-29.09	Financial Services
⊕ Verizon Communications Inc	1.26	29.07	0.13	Communication Svc

**Total Holdings 346** 

