# American Funds Intl Gr and Inc R6 RIGGX

**Morningstar Category** Foreign Large Blend

Morningstar Index

MSCI ACWI Ex USA NR USD

### Portfolio Manager(s)

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

#### **Quantitative Screens**

- Performance: The fund has finished in the Foreign Large Blend category's top three quartiles in 9 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 13.75 years.
- Style: The fund has landed in its primary style box Large Blend — 100 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.54 is 41.94% lower than the Foreign Large Blend category average.

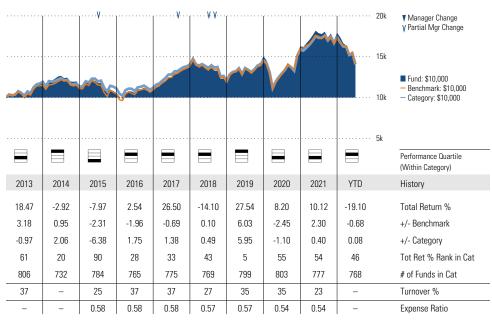
### **Morningstar Investment Management LLC Analysis**

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

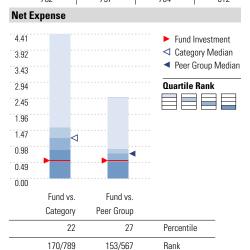
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	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 Metrics			
	Fund	Bmark	Cat
Alpha	0.80	_	0.29
Beta	1.08	_	1.00
R-Squared	96.66	-	93.77
Standard Deviation	19.25	17.47	18.09
Sharpe Ratio	0.17	0.13	0.14
Tracking Error	3.81	-	4.55
Information Ratio	0.19	-	0.06
Up Capture Ratio	108.98	-	101.51
Down Capture Ratio	106.01	-	100.74

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	14.56	12.10	11.95
Price/Book Ratio	1.99	1.59	1.62
Geom Avg Mkt Cap \$B	52.87	39.31	43.47
ROE	20.84	17.75	19.51



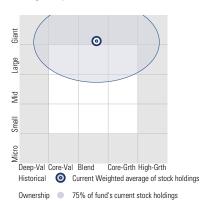
# American Funds Intl Gr and Inc R6 RIGGX

# Morningstar Category Foreign Large Blend

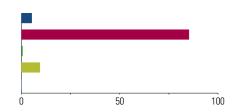
#### Morningstar Index MSCI ACWI Ex USA NR USD

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

Morningstar Style Box™



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



Total	100.00	100.00
Other	0.01	0.34
Cash	9.31	1.25
Bonds	0.40	0.28
Non-US Stocks	85.15	95.07
US Stocks	5.13	3.05
Asset Class	Net %	Cat%

### Style Breakdown

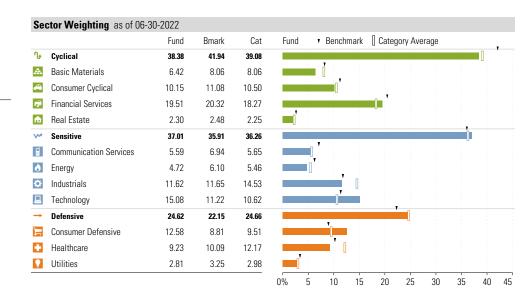
Equity

25	37	23	Large
3	8	4	Mid
0	1	0	Small

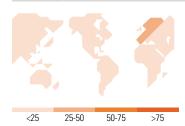
Value Blend Growth

### Weight %

>50 25-50 10-25 0-10



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



	Fund %	Cat %	
Greater Asia	29.77	35.16	Amer
Japan	5.98	17.94	North
Australasia	0.69	5.40	Centr
Asia-4 Tigers	12.89	6.91	
Asia-ex 4 Tigers	10.21	4.91	
Not Classified	0.00	0.00	

Americas	Fund % 15.77	Cat % 8.86	Greater Europe	Fund % 54.47	Cat % 55.97	Market Maturity	Fund %
North America	11.03	7.72	United Kingdom	15.36	13.89	Developed Markets	84.35
Central/Latin	4.74	1.14	W euro-ex UK	38.33	40.85	Emerging Markets	15.65
			Emrgng Europe	0.33	0.09	Not Available	0.00
			Africa	0.45	1.14		

<b>Top 10 Holdings</b> as of 06-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash M	9.16	9.16	_	_
☐ Taiwan Semiconductor Manufacturing Co Ltd	3.53	12.70	-21.71	Technology
British American Tobacco PLC	2.85	15.55	30.75	Consumer Defensive
AstraZeneca PLC	2.70	18.25	26.13	Healthcare
ASML Holding NV	2.20	20.45	-34.97	Technology
⊕ Airbus SE	1.78	22.23	-16.38	Industrials
○ Tokyo Electron Ltd	1.66	23.89	-32.25	Technology
⊕ Philip Morris International Inc	1.47	25.36	6.57	Consumer Defensive
⊕ AXA SA	1.47	26.83	-11.40	Financial Services
	1.46	28.29	2.97	Basic Materials

### Total Holdings 251



## 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**

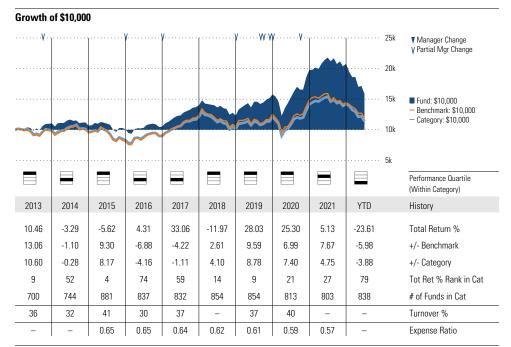
- Performance: The fund has finished in the Diversified Emerging Mkts category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 23.05 years.
- Style: The fund has landed in its primary style box —
   Large Growth 100 % of the 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**

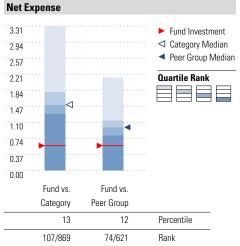
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

### **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

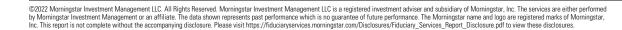






3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	2.51	_	-0.25
Beta	0.95	_	1.02
R-Squared	84.62	_	88.82
Standard Deviation	18.74	18.17	19.81
Sharpe Ratio	0.21	0.09	0.07
Tracking Error	7.41	_	6.52
Information Ratio	0.31	_	-0.11
Up Capture Ratio	105.41	_	102.33
Down Capture Ratio	95.93	_	104.50

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



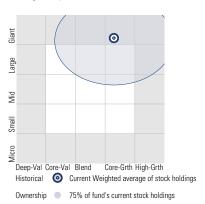


## American Funds New World R6 RNWGX

# 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

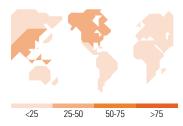
100.00

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

100

Total

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



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

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

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

### Total Holdings 568



# **American Funds Washington Mutual R6** RWMGX

Morningstar Category

Large Blend

Morningstar Index S&P 500 TR USD

### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

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

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

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

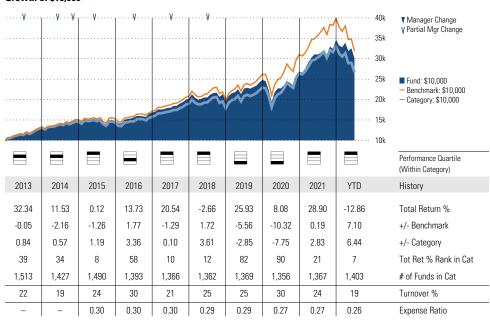
### **Morningstar Investment Management LLC Analysis**

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

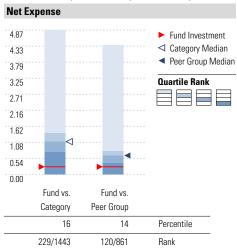
### **ESG Metrics**

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

### Growth of \$10,000

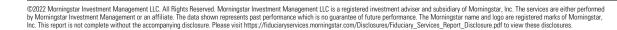


#### **Trailing Performance Total Return %** as of 06-30-2022 10 ■ Fund Benchmark 0 Category -5 -10 -15 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 yea 5 year -11.18 -2.80 9.95 10.87 12.23 13.45 Fund Return % -16.10 -10.62 10.60 11.31 12.96 10.67 Benchmark Return % -14 88 -11 58 914 9 77 11 63 Category Average % 12 4 42 34 45 % Rank in Category 1.422 1.369 1.236 1.119 819 # of Funds in Category



3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.32	_	-1.37
Beta	0.91	_	0.96
R-Squared	93.77	_	94.93
Standard Deviation	17.42	18.64	18.43
Sharpe Ratio	0.60	0.60	0.50
Tracking Error	4.69	_	3.92
Information Ratio	-0.14	_	-1.04
Up Capture Ratio	90.83	_	93.13
Down Capture Ratio	89.69	_	98.50

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





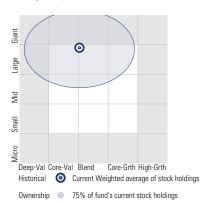
# American Funds Washington Mutual R6 RWMGX

### 

Morningstar Index S&P 500 TR USD

## Style Analysis as of 06-30-2022

Morningstar Style Box™



## Style Breakdown

Equity

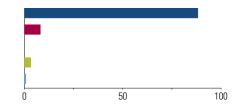
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5	6	3	IVIIO
0	0	0	ollidii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

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



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

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

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

**Total Holdings** 187



# **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.

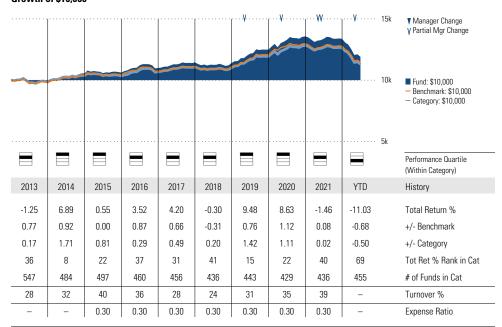
#### **Morningstar Investment Management LLC Analysis**

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

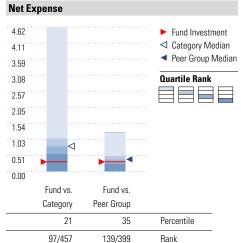
### Growth of \$10,000



#### **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

Ltd

Duration

Below B

Not Rated

# Baird Aggregate Bond Inst BAGIX

Baira Ag	gregate Bond inst	ΒA
Style Analysis as	of 06-30-2022	As
Style Breakdown Fixed Income	Quality High Mic	

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

0.00

0.00

0.00

2.46

0.30

0.84

Low



**Morningstar Category** 

Intermediate Core Bond

Morningstar Index

Bloomberg US Agg Bond TR USD

Sector Weighting as of 06-												
	Fund	Bmark	Cat	Fund	7	Benchm	ark 📙 C	ategory	Average			
Government	28.46	_	28.37									
Treasury	28.43	_	24.60									
Inflation – Protected	0.00	-	1.23									
Agency/Quasi Agency	0.03	_	1.12	i [								
Other Government Related	0.00	_	1.42	[								
Corporate	38.86	_	25.99									
Corporate Bond	34.88	_	24.69									
Bank Loan	0.00	_	0.05									
Convertible	3.98	_	1.20									
Preferred	0.00	_	0.05									
Securitized	28.13	_	33.69									
Agency MBS Pass-Through	16.70	_	22.49									
Agency MBS ARM	0.00	_	0.16									
Agency MBS CMO	2.92	_	4.05									
Non-Agency Residential MBS	0.39	_	0.27									
Commercial MBS	4.61	-	1.12									
Asset-Backed	3.51	-	5.60									
Covered Bond	0.00	_	0.00									
Municipal	1.08	_	0.75									
Cash & Equivalents	3.47	-	9.21									
Other	0.00	_	1.99	[								
				0%	5	10	15	20	25	30	35	40

<b>Top 10 Holdings</b> as of 06-30-2022				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
① United States Treasury Bonds 2.5%	02-2045	4.09	4.09	_
United States Treasury Bonds 2.88%	05-2043	3.42	7.52	-
	02-2030	3.16	10.68	-
○ United States Treasury Notes 0.38%	07-2024	3.02	13.70	-
① United States Treasury Notes 1.13%	08-2028	2.96	16.67	-
⊕ United States Treasury Notes 2.25%	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	-
① United States Treasury Notes 1.25%	08-2031	1.60	26.73	_

⊕ Increase ⊕ Decrease 🕸 New to Portfolio

Total Holdings 1528



## **BlackRock Global Allocation Instl** MALOX

Morningstar Category Global Allocation Morningstar Index

Morningstar Gbl Allocation TR USD

### Portfolio Manager(s)

Russ Koesterich since 01-2017 David Clayton since 01-2017 Rick Rieder since 04-2019

#### **Quantitative Screens**

Performance: The fund has finished in the Global Allocation 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 5.5 years.

Net Expense: The fund's expense ratio of 0.82 is 28.07% lower than the Global Allocation category average.

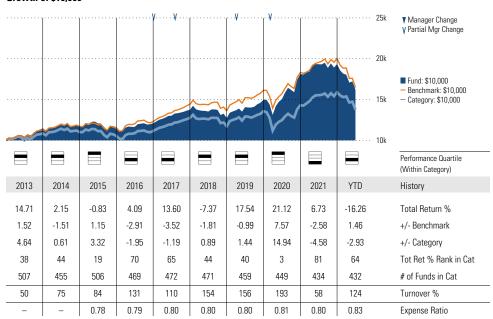
### **Morningstar Investment Management LLC Analysis**

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.

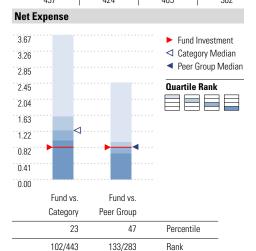
#### **ESG Metrics**

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 Category -5 -10 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 yea 5 year Fund Return % -10.22 -16.19 4.79 4.46 5.60 9.09 -12.64 -15.69 2.69 4.27 5.90 6.66 Benchmark Return % -10 59 2 67 4 65 -11 27 3 35 Category Average % 43 77 21 25 27 % Rank in Category 437 424 405 362 259 # of Funds in Category



3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	2.00	_	0.10
Beta	1.02	_	1.02
R-Squared	97.42	-	86.94
Standard Deviation	12.79	12.37	13.61
Sharpe Ratio	0.38	0.23	0.21
Tracking Error	2.07	-	4.93
Information Ratio	1.01	-	-0.04
Up Capture Ratio	105.65	-	102.09
Down Capture Ratio	92.90	-	102.48

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	18.56	14.73	14.78
Price/Book Ratio	2.84	2.21	2.10
Avg Eff Duration	0.81	-	3.32

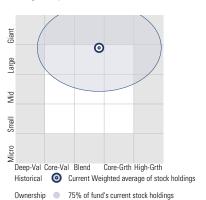


# **BlackRock Global Allocation Instl** MALOX

#### **Morningstar Category Morningstar Index** Global Allocation Morningstar Gbl Allocation TR USD

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

Morningstar Style Box™



### Style Breakdown

Weight %

Equity				Fixed In
18	30	34	Large	
4	7	5	Mid	
1	1	1	Small	
Value	Rland	Growth		Ltd

Value Blend Growth

>50 25-50 10-25 0-10

Fixed Income

TIXEU	IIICUIIIE		Qualit
			High
			Mid
			Low
Ltd Durati	Mod	Ext	

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



Total	100.00	100.00
Other	5.12	7.57
Cash	3.80	7.87
Bonds	22.29	27.82
Non-US Stocks	22.42	23.50
US Stocks	46.38	33.24
Asset Class	Net %	Cat%

	Fund	Bmark	Cat	Fund	,	<b>Ben</b>	chmar	k [] C	ategory	/ Avera	ge _	
⊌ Cyclical	34.01	34.99	39.38									
Basic Materials	7.75	4.95	7.30									
Consumer Cyclical	14.01	10.76	8.95									
Financial Services	10.58	15.59	12.03				"					
Real Estate	1.67	3.69	11.10		•							
✓ Sensitive	45.27	41.64	38.92									
Communication Services	7.98	7.51	5.87									
Energy	8.74	4.95	8.08		•							
Industrials	9.07	10.68	11.13					_				
Technology	19.48	18.50	13.84									
→ Defensive	20.72	23.38	21.69						<b>"</b>			
Consumer Defensive	4.43	7.54	5.60				_					
Healthcare	14.01	12.65	10.42				Ė					
Utilities	2.28	3.19	5.67									

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⇒ Microsoft Corp	_	2.70	2.70	-23.27	Technology
	06-2022	2.31	5.02	_	_
→ Apple Inc	-	2.20	7.22	-22.75	Technology
	_	1.75	8.97	-24.40	Communication Svc
⊕ Amazon.com Inc	-	1.68	10.65	-36.29	Consumer Cyclical
─ UnitedHealth Group Inc	_	1.33	11.98	2.91	Healthcare
○ ConocoPhillips	-	1.24	13.22	27.09	Energy
	07-2022	1.21	14.43	_	_
Mastercard Inc Class A	-	1.02	15.45	-11.93	Financial Services
	_	0.94	16.39	13.50	Energy

### Total Holdings 2062



# **BlackRock Inflation Protected Bond Instl** BPRIX

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

### Portfolio Manager(s)

Christopher Allen since 02-2017 David Rogal since 03-2018

#### Quantitative Screens

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

Management: The fund's management has been in place for 5.38 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.35 is 39.66% lower than the Inflation-Protected Bond category average.

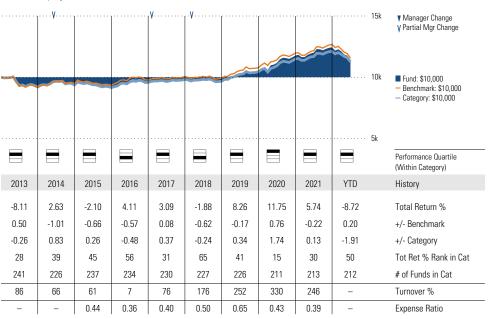
### **Morningstar Investment Management LLC Analysis**

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

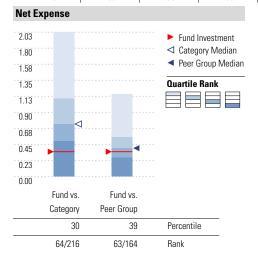
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2022

### 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 10 year Since Inception 3 year 5 year -6.26 -5.39 3.33 3.20 1.57 4.03 Fund Return % -6.08 -5.14 3.04 3.21 1.73 4.95 Benchmark Return % 2 82 -5.12 -3 79 2.85 1 39 Category Average % 62 57 22 15 41 % Rank in Category 213 208 199 186 126 # of Funds in Category



3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.22	_	0.12
Beta	1.02	_	0.90
R-Squared	97.62	-	81.19
Standard Deviation	5.18	5.01	5.14
Sharpe Ratio	0.54	0.51	0.51
Tracking Error	0.81	-	2.40
Information Ratio	0.35	-	-0.31
Up Capture Ratio	102.72	-	90.59
Down Capture Ratio	99.27	-	89.58

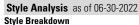
Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.86	4.52	6.23
Avg Eff Maturity	9.04	_	7.41



# **BlackRock Inflation Protected Bond Instl** BPRIX

Morningstar Category
Inflation-Protected Bond

**Morningstar Index** Bloomberg US Treasury US TIPS TR USD





		<del></del>		
-50	0	50	100	150

Asset Allocation as of 06-30-2022

0.00
0.83
4.31
4.74
0.00
0.11
Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	96.11	0.00	87.52
AA	0.71	99.60	8.49
A	0.21	0.00	0.26
BBB	0.57	0.00	0.89
BB	0.45	0.00	0.23
В	0.00	0.00	0.05
Below B	0.00	0.00	0.10
Not Rated	1.95	0.40	2.46

Sector Weighting as of 06-3	30-2022						
	Fund	Bmark	Cat	Fund	▼ Benchmark	Category Average	
Government	87.86	_	86.62				
Treasury	2.24	_	0.41	<b>[</b>			
Inflation – Protected	85.61	_	81.67				
Agency/Quasi Agency	0.00	_	0.03				
Other Government Related	0.01	_	4.51	1 0			
Corporate	1.94	-	2.90				
Corporate Bond	1.88	_	2.60				
Bank Loan	0.00	_	0.20				
Convertible	0.06	_	0.10				
Preferred	0.00	_	0.00	Ò			
Securitized	2.82	-	4.98				
Agency MBS Pass-Through	0.00	_	0.60	0			
Agency MBS ARM	0.00	_	0.00	Ò			
Agency MBS CMO	0.00	_	0.68	0			
Non-Agency Residential MBS	0.19	_	0.25				
Commercial MBS	0.53	_	0.69	0			
Asset-Backed	2.10	_	2.54				
Covered Bond	0.00	_	0.22				
Municipal	0.00	-	0.02				
Cash & Equivalents	7.34	_	4.53				
Other	0.05	_	0.92	[]			

<b>Top 10 Holdings</b> as of 06-30-2022				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Rrp Treasury (Cpi) Note	-	9.73	9.73	_
─ Usd Cash(Alpha Committed)	_	5.92	15.65	_
⊕ United States Treasury Notes 0.125%	01-2030	4.04	19.69	_
⊕ United States Treasury Notes 0.375%	07-2023	3.78	23.47	_
⊕ United States Treasury Notes 0.625%	01-2024	3.61	27.08	_
⊕ Federal National Mortgage Association 3%	05-2022	3.54	30.62	_
⊕ United States Treasury Notes 0.125%	07-2031	3.42	34.04	_
⊕ United States Treasury Notes 0.625%	04-2023	3.35	37.39	_
United States Treasury Notes 0.375%	07-2025	3.32	40.71	_
⊕ United States Treasury Notes 0.125%	07-2024	3.27	43.98	_

Total Holdings 267



# Carillon Eagle Small Cap Growth I HSIIX

Morningstar Category

Small Growth

Morningstar Index Russell 2000 Growth TR USD

### Portfolio Manager(s)

Bert Boksen since 05-1993 Eric Mintz since 03-2011 Christopher Sassouni since 03-2015 David Cavanaugh since 06-2022

### **Quantitative Screens**

- ✓ Performance: The fund has finished in the Small Growth category's top three quartiles in 7 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 29.17 years.
- Style: The fund has landed in its primary style box Small Growth 81.82 % of the time over the past three years
- Net Expense: The fund's expense ratio of 0.77 is 35.83% lower than the Small Growth category average.

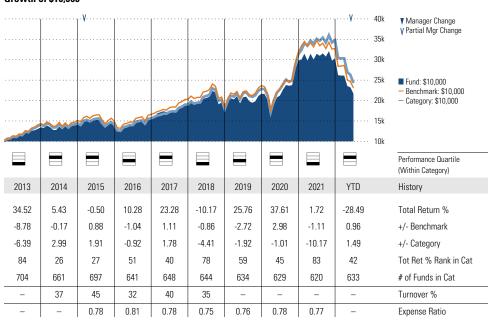
#### **Morningstar Investment Management LLC Analysis**

Carillon Eagle Small Cap Growth is being removed from fiduciary coverage. The fund was placed on watch due to weakening performance rankings—its returns for the trailing three- and five-year periods through September 30, 2021, ranked in its category's bottom quartile, a result that was weak even relative to the fund's moderate level of risk Modestly improved recent performance is consistent with the fund's milder risk characteristics but not strong enough to overcome its longer-term record, which is worse than expected even given the fund's risk attributes. The fund is being removed from coverage.

### ESG Metrics

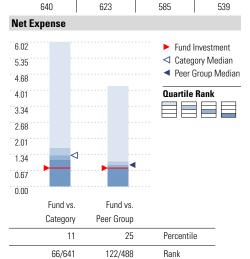
Metric	Rating	Updated
Sustainability Rating	3	05-31-2022
Carbon Risk Score	Medium Risk	03-31-2022

### 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 1 Year Since Inception 3 Month 3 yea 5 year 10 year Fund Return % -16.93 -31.03 1.41 4.51 9.05 8.29 -19.25 -33.43 1.40 4.80 9.30 9.20 Benchmark Return % -19 80 -30 57 4 24 7 79 10.26 Category Average % 27 55 82 89 82 % Rank in Category

404



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	0.08	_	2.48
Beta	0.95	_	0.95
R-Squared	95.03	_	90.14
Standard Deviation	24.15	24.74	24.84
Sharpe Ratio	0.15	0.16	0.25
Tracking Error	5.51	_	8.05
Information Ratio	0.00	_	0.29
Up Capture Ratio	98.63	_	100.54
Down Capture Ratio	98.60	-	93.52

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	21.24	15.94	19.67
Price/Book Ratio	3.52	3.50	3.39
Geom Avg Mkt Cap \$B	3.39	2.34	4.26
ROE	18.19	9.41	13.34



# of Funds in Category

### Removed

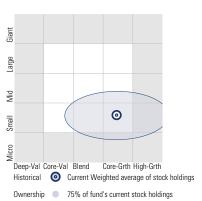
# Carillon Eagle Small Cap Growth I HSIIX

# Morningstar Category Small Growth

### **Morningstar Index** Russell 2000 Growth TR USD

## Style Analysis as of 06-30-2022

Morningstar Style Box™



### Style Breakdown

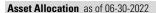
Equity

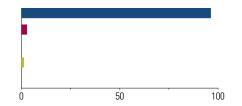
-quit,			
0	0	0	Large
0	2	14	MIG
7	41	36	Small

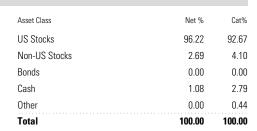
Value Blend Growth

Weight %

>50 25-50 10-25 0-10







		Fund	Bmark	Cat	Fund		▼ Ben	chmarl	k [] C	ategory	Avera	ge	
b	Cyclical	25.42	22.53	26.34		÷				<u></u>			
à.	Basic Materials	5.43	4.48	2.86									
	Consumer Cyclical	11.14	9.20	11.60									
ê	Financial Services	7.39	6.03	8.91		. *							
b	Real Estate	1.46	2.82	2.97									
NF	Sensitive	44.89	48.01	46.67									
	Communication Services	0.54	2.84	2.40		-							
•	Energy	3.17	6.18	3.13					_				
þ	Industrials	19.86	17.10	16.57			1						
1	Technology	21.32	21.89	24.57									
+	Defensive	29.69	29.46	27.01									
Ę	Consumer Defensive	4.93	5.00	4.28		0							
ı	Healthcare	24.76	22.56	21.96			:			<u> </u>			
?	Utilities	0.00	1.90	0.77	i[]								

<b>Top 15 Holdings</b> as of 06-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Quaker Houghton	3.32	3.32	-34.85	Basic Materials
□ Landstar System Inc     □	3.27	6.60	-17.37	Industrials
○ Viper Energy Partners LP Common Units	3.14	9.73	30.55	Energy
⊕ Silicon Laboratories Inc	3.03	12.76	-32.07	Technology
⊖ Everi Holdings Inc	2.75	15.51	-23.61	Consumer Cyclical
⊕ The Simply Good Foods Co	2.72	18.23	-9.14	Consumer Defensive
→ Ritchie Bros Auctioneers Inc	2.69	20.92	9.01	Industrials
○ Chart Industries Inc	2.64	23.56	4.95	Industrials
⊕ Halozyme Therapeutics Inc	2.60	26.16	9.43	Healthcare
⇒ PJT Partners Inc Class A	2.20	28.36	-4.47	Financial Services
Summit Materials Inc A	2.05	30.41	-41.98	Basic Materials
	1.97	32.38	-15.16	Industrials
⊕ II-VI Inc	1.75	34.13	-25.44	Technology
Merit Medical Systems Inc	1.72	35.85	-12.89	Healthcare
Lattice Semiconductor Corp	1.68	37.53	-37.06	Technology

**Total Holdings 96** 



# **Delaware Small Cap Value Instl** DEVIX

Morningstar Category

Small Value

Morningstar Index

Russell 2000 Value TR USD

Expense Ratio

### Portfolio Manager(s)

Christopher Beck since 05-1997 Steven Catricks since 07-2012 Kelley Carabasi since 07-2012 Kent Madden since 07-2012 Michael Foley since 07-2019

#### **Quantitative Screens**

- Performance: The fund has finished in the Small Value category's top three quartiles in 9 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 25.18 years.
- Net Expense: The fund's expense ratio of 0.86 is 25.22% lower than the Small Value category average.

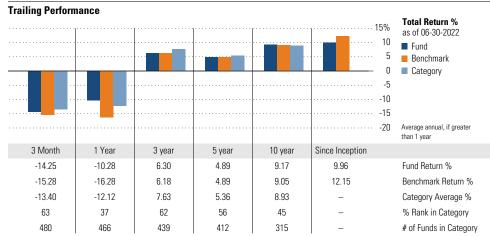
### **Morningstar Investment Management LLC Analysis**

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

#### **ESG Metrics**

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

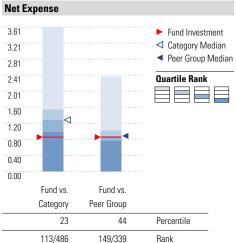
#### Growth of \$10,000 ▼ Manager Change V Partial Mgr Change Fund: \$10,000 - Benchmark: \$10,000 Category: \$10,000 15k 10k Performance Quartile (Within Category) 2013 2014 2015 2016 2017 2018 2019 2020 2021 YTD History 32.50 5.64 -6.20 31.35 11.99 -17.35 28.16 -1.23 34.24 -17.02 Total Return % 1.42 -2.02 1.27 -0.39 4.15 -4.49 5.77 -5.86 5.97 0.29 +/- Benchmark 3.45 -1.89 -3.72 2.30 0.51 5.36 6.73 -5.25 2.67 -1.82 +/- Category 79 27 52 11 19 72 8 75 33 73 Tot Ret % Rank in Cat 498 477 491 493 500 490 478 # of Funds in Cat 522 467 466 28 17 20 19 15 18 18 23 14 Turnover %



0.90

0.89

0.86



0.97

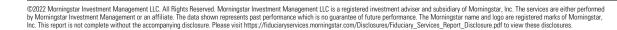
0.99

0.93

0.90

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.33	_	1.18
Beta	0.99	_	1.00
R-Squared	95.25	_	94.61
Standard Deviation	25.74	25.46	26.04
Sharpe Ratio	0.35	0.34	0.38
Tracking Error	5.62	_	6.34
Information Ratio	0.02	_	0.15
Up Capture Ratio	98.87	_	100.19
Down Capture Ratio	98.35	_	97.21

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	11.95	9.61	10.58
Price/Book Ratio	1.69	1.19	1.41
Geom Avg Mkt Cap \$B	4.44	1.72	3.51
ROE	15.11	7.65	14.54





# **Delaware Small Cap Value Instl** DEVIX

# Morningstar Category Small Value

Morningstar Index

Russell 2000 Value TR USD

Style Analysis as of 06-30-2022

Morningstar Style Box™



### Style Breakdown

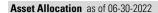
Equity

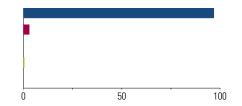
2	0	0	Large
14	7	2	Mid
41	30	5	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	-0.01
Cash	0.33	2.06
Bonds	0.00	-0.10
Non-US Stocks	2.85	2.91
US Stocks	96.82	95.14
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fun	4	• Do	nchma	sele []	Cotoo	10n/ A	orogo				
					run	u	, DE	HCHIH	ark []	Carec	gory Av	rerage			-	_,
<b>Դ</b>	Cyclical	50.66	53.52	49.46												
A.	Basic Materials	4.64	3.38	5.98												
A	Consumer Cyclical	9.33	9.86	12.53												
<del>,</del>	Financial Services	27.95	25.43	23.37												
侖	Real Estate	8.74	14.85	7.58												
W	Sensitive	39.40	26.34	37.28												
	Communication Services	1.31	3.21	2.08		<b>'</b>										
•	Energy	9.31	4.61	7.62												
Ф	Industrials	17.86	11.84	18.18			- '									
	Technology	10.92	6.68	9.40		•										
<b>→</b>	Defensive	9.94	20.14	13.27												
Ħ	Consumer Defensive	2.85	3.71	4.26												
+	Healthcare	3.43	11.15	5.77		[										
•	Utilities	3.66	5.28	3.24		) [										
					0%	5	10	15	20	25	30	35	40	45	50	

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
East West Bancorp Inc	2.69	2.69	-16.62	Financial Services
Webster Financial Corp	2.64	5.33	-23.08	Financial Services
Stifel Financial Corp	2.19	7.52	-19.60	Financial Services
Louisiana-Pacific Corp	2.17	9.69	-32.55	Industrials
Hancock Whitney Corp	2.05	11.73	-10.30	Financial Services
Western Alliance Bancorp	1.92	13.65	-33.77	Financial Services
WESCO International Inc	1.86	15.52	-18.61	Industrials
MasTec Inc	1.85	17.36	-22.35	Industrials
CNX Resources Corp	1.74	19.10	19.71	Energy
American Equity Investment Life Holding Co	1.63	20.73	-6.04	Financial Services
Atkore Inc	1.60	22.33	-25.34	Industrials
→ Tower Semiconductor Ltd	1.60	23.93	16.38	Technology
F N B Corp	1.55	25.48	-8.49	Financial Services
Magnolia Oil & Gas Corp Class A	1.54	27.02	12.29	Energy
Selective Insurance Group Inc	1.53	28.55	6.79	Financial Services

**Total Holdings** 113



# Federated Hermes Govt Ultrashort IS FGUSX

Morningstar Category
Ultrashort Bond

Morningstar Index

Bloomberg US Agg Bond TR USD

### Portfolio Manager(s)

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

### **Quantitative Screens**

× Performance: The fund has finished in the Ultrashort Bond category's top three quartiles in 5 of the 10 years it's been in existence.

Management: The fund's management has been in place for 24.99 years.

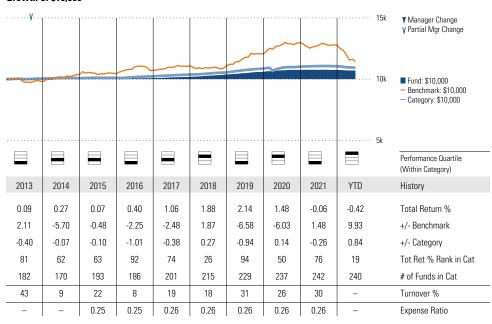
Style Consistency is not calculated for Fixed Income funds.

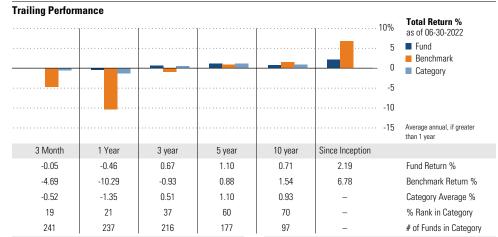
Net Expense: The fund's expense ratio of 0.26 is 44.68% lower than the Ultrashort Bond category average.

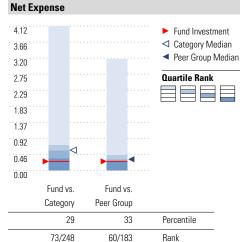
### **Morningstar Investment Management LLC Analysis**

This fund fails our performance consistency screen. Its relative performance versus typical peers in the ultrashort bond category has struggled, partly due to its strict adherence to investing in government securities, which have lagged credit instruments.

### Growth of \$10,000







3-Year RISK Wietrics			
	Fund	Bmark	Cat
Alpha	0.73	_	0.61
Beta	0.07	_	0.15
R-Squared	34.30	_	18.16
Standard Deviation	0.55	4.56	1.87
Sharpe Ratio	0.19	-0.31	-0.06
Tracking Error	4.26	-	4.39
Information Ratio	0.38	-	0.32
Up Capture Ratio	14.01	-	25.90
Down Capture Ratio	1.35	-	14.87

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	0.36	4.43	0.84
Avg Eff Maturity	2.55	-	2.01



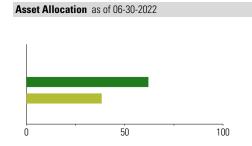
# Federated Hermes Govt Ultrashort IS FGUSX

Morningstar Category
Ultrashort Bond

Morningstar Index Bloomberg US Agg Bond TR USD

Style Analysis as of 06-30-2022 Style Breakdown Fixed Income Quality





Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.00
Bonds	61.87	80.56
Cash	38.13	15.18
Other	0.00	4.25
Total	100.00	100.00

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	100.00	3.53	25.22
AA	0.00	74.59	6.37
A	0.00	10.82	20.89
BBB	0.00	8.32	27.37
BB	0.00	0.28	3.05
В	0.00	0.00	3.23
Below B	0.00	0.00	0.50
Not Rated	0.00	2.46	13.37

Sector Weighting as of 06-3	30-2022												
	Fund	Bmark	Cat	Fund	▼ Ben	chmark	] Ca	ategory	Avera	ge			
Government	14.35	-	17.03										
Treasury	5.34	_	9.81										
Inflation - Protected	0.00	_	0.03	ĺ									
Agency/Quasi Agency	9.01	_	1.26										
Other Government Related	0.00	_	5.93	i i									
Corporate	0.00	_	38.81	Ţ.									
Corporate Bond	0.00	_	34.21	į į									
Bank Loan	0.00	_	0.49	[]									
Convertible	0.00	_	4.11										
Preferred	0.00	_	0.00	İ									
Securitized	47.52	_	25.58										
Agency MBS Pass-Through	1.68	_	2.98										
Agency MBS ARM	0.14	_	0.77	1[]									
Agency MBS CM0	45.70	_	4.15										
Non-Agency Residential MBS	0.00	_	0.16										
Commercial MBS	0.00	_	1.64										
Asset-Backed	0.00	_	15.88	i i									
Covered Bond	0.00	_	0.00	ĺ									
Municipal	0.00	-	1.10	10									
Cash & Equivalents	38.13	-	17.01										
Other	0.00	-	0.35	0									
				0% 5	10	15	20	25	30	35	40	45	50

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

Total Holdings 222



# Fidelity® Contrafund® FCNTX

# Morningstar Category Large Growth

Morningstar Index

Russell 1000 Growth TR USD

### Portfolio Manager(s)

William Danoff since 09-1990

#### **Quantitative Screens**

- Performance: The fund has finished in the Large 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 31.81 years.
- Net Expense: The fund's expense ratio of 0.81 is 15.63% lower than the Large Growth category average.

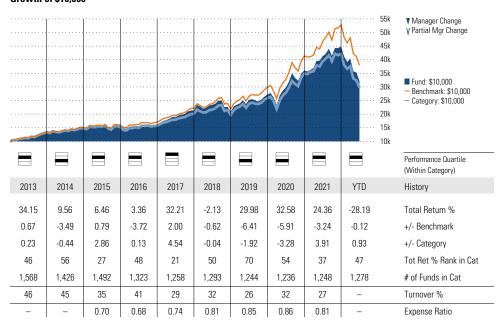
### **Morningstar Investment Management LLC Analysis**

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

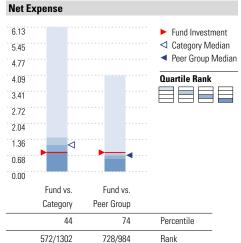
#### **ESG Metrics**

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

### Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-3.22	-	-3.87
Beta	0.95	-	0.98
R-Squared	97.95	_	92.23
Standard Deviation	20.15	21.09	21.51
Sharpe Ratio	0.47	0.64	0.44
Tracking Error	3.11	-	6.03
Information Ratio	-1.34	-	-0.87
Up Capture Ratio	86.78	-	86.89
Down Capture Ratio	96.58	_	98.97

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.71	24.98	23.80
Price/Book Ratio	3.79	8.79	6.54
Geom Avg Mkt Cap \$B	289.10	250.47	284.82
ROE	32.22	42.14	37.75



# Fidelity® Contrafund® FCNTX

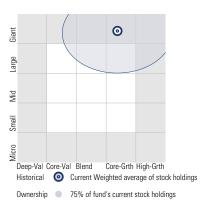
# Morningstar Category Large Growth

Morningstar Index

Russell 1000 Growth TR USD

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

Morningstar Style Box™



### Style Breakdown

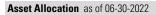
Equity

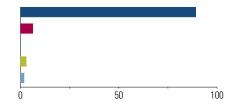
. ,			
8	28	56	Large
2	2	3	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	1.76	0.51
Cash	2.84	1.71
Bonds	0.00	-0.01
Non-US Stocks	6.24	4.05
US Stocks	89.17	93.74
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 06-	30-2022			
		Fund	Bmark	Cat	Fund Benchmark Category Average
Դ	Cyclical	33.27	24.62	29.21	
A	Basic Materials	3.51	1.22	1.58	
A	Consumer Cyclical	11.52	15.13	16.09	
Ę.	Financial Services	17.90	6.48	9.94	
<b>fi</b>	Real Estate	0.34	1.79	1.60	
W	Sensitive	48.03	56.65	53.13	
	Communication Services	15.93	8.15	11.26	
•	Energy	4.37	1.47	1.81	
Ф	Industrials	3.64	7.43	5.93	
	Technology	24.09	39.60	34.13	
<b>→</b>	Defensive	18.69	18.72	17.66	<b>1</b>
Ħ	Consumer Defensive	3.38	6.43	3.72	<b>.</b>
٠	Healthcare	15.04	12.23	13.42	
•	Utilities	0.27	0.06	0.52	1
					0% 5 10 15 20 25 30 35 40 45 50 55 60

<b>Top 15 Holdings</b> as of 06-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Berkshire Hathaway Inc Class A	8.34	8.34	-9.26	Financial Services
Meta Platforms Inc Class A	7.51	15.85	-52.06	Communication Svc
Amazon.com Inc	6.80	22.65	-36.29	Consumer Cyclical
	6.56	29.21	-23.27	Technology
UnitedHealth Group Inc	4.87	34.07	2.91	Healthcare
Apple Inc	4.16	38.23	-22.75	Technology
	3.31	41.54	-24.78	Communication Svc
	2.99	44.54	-24.40	Communication Svc
→ Fidelity Revere Str Tr	2.75	47.29	_	-
○ NVIDIA Corp	2.42	49.71	-48.43	Technology
⊕ Eli Lilly and Co	1.89	51.59	18.09	Healthcare
⊕ Regeneron Pharmaceuticals Inc	1.48	53.08	-6.40	Healthcare
⊕ Amphenol Corp Class A	1.41	54.48	-25.93	Technology
⇒ Salesforce Inc	1.37	55.85	-35.06	Technology
⇒ Visa Inc Class A	1.36	57.21	-8.80	Financial Services

Total Holdings 340



# PIMCO Income I2 PONPX

### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

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

Style Consistency is not calculated for Fixed Income funds.

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

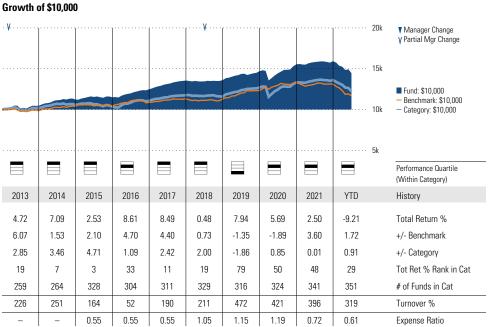
### **Morningstar Investment Management LLC Analysis**

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

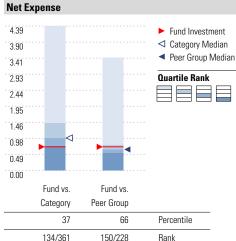


Morningstar Index Bloomberg US Universal TR USD









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

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



# PIMCO Income I2 PONPX

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

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

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

**Morningstar Index** 

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

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

**Total Holdings 8127** 



# 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.

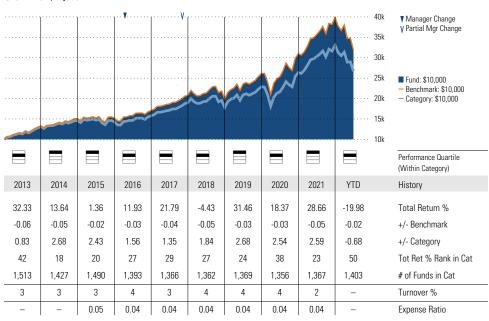
### **Morningstar Investment Management LLC Analysis**

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.

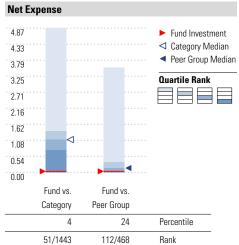
#### **ESG Metrics**

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

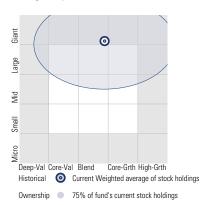


# Vanguard 500 Index Admiral VFIAX

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

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

Morningstar Style Box™



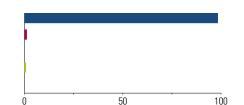
### Style Breakdown

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											
<b>P</b>	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



# Vanguard Developed Markets Index Admiral VTMGX

**Morningstar Category** Foreign Large Blend

Morningstar Index MSCI ACWI Ex USA NR USD

### Portfolio Manager(s)

Christine Franquin since 02-2013 Michael Perre since 11-2017

### **Quantitative Screens**

Performance: The fund has finished in the Foreign 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 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 0.07 is 92.47% lower than the Foreign Large Blend category average.

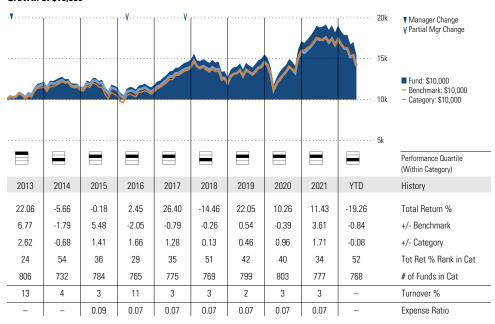
### **Morningstar Investment Management LLC Analysis**

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

#### **ESG Metrics**

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

### Growth of \$10,000



### **Trailing Performance**



3-Year Risk Metrics

Up Capture Ratio

Down Capture Ratio

Net Exp	oense		
4.41			► Fund Investment
3.92			Category Median
3.43			<ul> <li>Peer Group Median</li> </ul>
2.94			Quartile Rank
2.45			
1.96			
1.47	✓		
0.98			
0.49			
0.00			
	Fund vs.	Fund vs.	
	Category	Peer Group	
	4	32	Percentile

	31/789	71/224	Rank								
Peer gro	up is a subset of	the category an	ıd includes fun	ds with the							
same ma	same management style (active vs. passive) and similar share class										
characto	rictice										

	Fund	Bmark	Cat
Alpha	0.80	-	0.29
Beta	1.05	-	1.00
R-Squared	97.03	-	93.77
Standard Deviation	18.67	17.47	18.09
Sharpe Ratio	0.17	0.13	0.14
Tracking Error	3.35	-	4.55
Information Ratio	0.22	-	0.06

107.01

103.93

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	13.50	12.10	11.95
Price/Book Ratio	1.59	1.59	1.62
Geom Avg Mkt Cap \$B	27.97	39.31	43.47
ROE	17.68	17.75	19.51



101.51

100.74

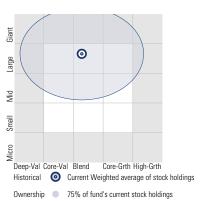
# Vanguard Developed Markets Index Admiral VTMGX

# **Morningstar Category**Foreign Large Blend

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

## Style Analysis as of 06-30-2022

Morningstar Style Box™



### Style Breakdown

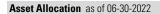
Equity

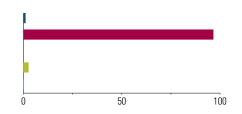
24	33	18	Large
6	9	5	Mid
1	2	1	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Asset Class	Net %	Cat%
US Stocks	0.93	3.05
Non-US Stocks	96.49	95.07
Bonds	0.00	0.28
Cash	2.46	1.25
Other	0.12	0.34
Total	100.00	100.00

Sec	ctor Weighting as of 06-	30-2022												
		Fund	Bmark	Cat	Fund	,	Benchi	mark	[] Cate	gory Ave	erage			
<b>Դ</b>	Cyclical	41.12	41.94	39.08										'
A.	Basic Materials	8.79	8.06	8.06			Ú							
<b>A</b>	Consumer Cyclical	10.01	11.08	10.50										
<del>,</del>	Financial Services	18.29	20.32	18.27					<b>=</b> ]					
ŵ	Real Estate	4.03	2.48	2.25										
M	Sensitive	35.90	35.91	36.26										
	Communication Services	5.12	6.94	5.65										
ð	Energy	5.42	6.10	5.46										
¢	Industrials	15.37	11.65	14.53										
	Technology	9.99	11.22	10.62						:				
<b>→</b>	Defensive	22.98	22.15	24.66										
-	Consumer Defensive	8.65	8.81	9.51			<b>=</b> [							
٠	Healthcare	11.08	10.09	12.17										
•	Utilities	3.25	3.25	2.98										
					0%	5	10	15	20	25	30	35	40	-

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



Greater Asia	Fund % 36.00	Cat % 35.16	
Japan	19.77	17.94	
Australasia	7.58	5.40	
Asia-4 Tigers	8.34	6.91	
Asia-ex 4 Tigers	0.31	4.91	
Not Classified	0.00	0.00	

Americas	Fund % 11.43	Cat % 8.86	Greater Europe	Fund % 52.58	Cat % 55.97	Market Maturity	Fund %
North America	11.32	7.72	United Kingdom	12.54	13.89	Developed Markets	99.29
Central/Latin	0.11	1.14	W euro-ex UK	39.05	40.85	Emerging Markets	0.71
			Emrgng Europe	0.27	0.09	Not Available	0.00
			Africa	0.72	1.14		

<b>Top 10 Holdings</b> as of 06-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
① Nestle SA	1.68	1.68	-11.13	Consumer Defensive
	1.42	3.10	_	-
⊕ Roche Holding AG	1.20	4.30	-15.13	Healthcare
⊕ Samsung Electronics Co Ltd	1.18	5.48	_	Technology
ASML Holding NV	1.03	6.50	-36.06	Technology
⊕ Toyota Motor Corp	0.98	7.49	-6.45	Consumer Cyclical
⊕ AstraZeneca PLC	0.98	8.46	24.99	Healthcare
⊕ Shell PLC	0.97	9.43	31.10	Energy
Novartis AG	0.88	10.31	-0.52	Healthcare
◆ Novo Nordisk A/S Class B	0.86	11.17	6.54	Healthcare

### Total Holdings 4156

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



## Vanguard Mid Cap Index Admiral VIMAX

#### **Morningstar Category** Mid-Cap Blend

Morningstar Index

Russell Mid Cap TR USD

### Portfolio Manager(s)

Donald Butler since 05-1998 Awais Khan since 07-2021

### **Quantitative Screens**

Performance: The fund has finished in the Mid-Cap 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 24.13 years.

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

Net Expense: The fund's expense ratio of 0.05 is 94.68% lower than the Mid-Cap Blend category average.

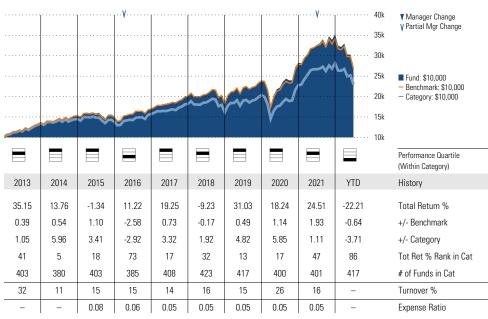
### **Morningstar Investment Management LLC Analysis**

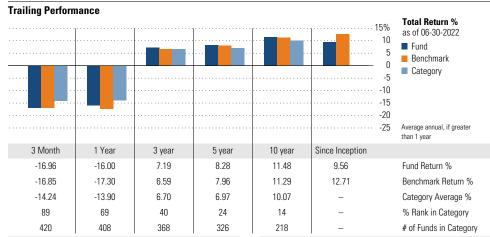
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

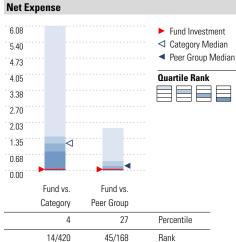
#### **ESG Metrics**

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

# Growth of \$10,000







3-1 cai nisk ivienics			
	Fund	Bmark	Cat
Alpha	0.64	_	0.35
Beta	0.98	_	0.97
R-Squared	99.55	_	93.64
Standard Deviation	21.25	21.66	21.71
Sharpe Ratio	0.41	0.38	0.38
Tracking Error	1.50	_	5.49
Information Ratio	0.40	_	-0.07
Up Capture Ratio	99.21	_	97.09
Down Capture Ratio	96.78	_	96.35

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.42	15.70	13.00
Price/Book Ratio	2.72	2.55	2.30
Geom Avg Mkt Cap \$B	21.17	16.08	9.35
ROE	19.38	19.50	20.14



# Vanguard Mid Cap Index Admiral VIMAX

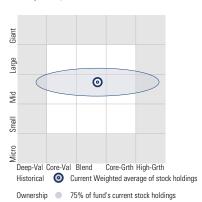
# Morningstar Category Mid-Cap Blend

Morningstar Index

Russell Mid Cap TR USD

## Style Analysis as of 06-30-2022

Morningstar Style Box™



### Style Breakdown

Equity

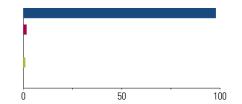
. ,			
3	8	5	Large
18	42	24	Mid
0	0	0	Small

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	0.42
Cash	0.79	1.87
Bonds	0.00	-0.07
Non-US Stocks	1.46	1.87
US Stocks	97.75	95.90
Asset Class	Net %	Cat%

	ctor Weighting as of 06-3		р .	0.	-		ь .		По.					
		Fund	Bmark	Cat	Fun	d '	Bench	mark	[] Categ	jory Ave	erage		,	
<u></u>	Cyclical	36.33	39.09	41.68										
A.	Basic Materials	4.82	4.86	5.60										
<b>A</b>	Consumer Cyclical	9.52	11.89	13.28			_ '							
<del>,</del>	Financial Services	11.67	13.27	14.60										
<b>fi</b>	Real Estate	10.32	9.07	8.20									į.	
W	Sensitive	40.05	40.16	39.39										
	Communication Services	4.49	4.34	2.93		()==								
ð	Energy	5.45	4.87	5.01		Ö								
Ф	Industrials	11.72	14.36	15.85										
	Technology	18.39	16.59	15.60					• <u>.</u>					
<b>→</b>	Defensive	23.63	20.76	18.94										
=	Consumer Defensive	4.45	4.16	4.31										
٠	Healthcare	12.30	10.67	10.82										
•	Utilities	6.88	5.93	3.81										
					0%	5	10	15	20	25	30	35	40	4

<b>Top 15 Holdings</b> as of 06-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Centene Corp	0.86	0.86	2.68	Healthcare
	0.81	1.67	-17.58	Technology
⊕ Cadence Design Systems Inc	0.72	2.39	-19.49	Technology
⊕ IQVIA Holdings Inc	0.72	3.11	-23.09	Healthcare
⊕ Realty Income Corp	0.72	3.83	-2.58	Real Estate
⊕ Corteva Inc	0.68	4.51	15.10	Basic Materials
⊕ Amphenol Corp Class A	0.67	5.18	-25.93	Technology
Welltower OP LLC	0.65	5.83	-2.57	Real Estate
⊕ Digital Realty Trust Inc	0.64	6.48	-25.22	Real Estate
⊕ Devon Energy Corp	0.63	7.11	30.26	Energy
⊕ Motorola Solutions Inc	0.61	7.72	-22.27	Technology
◆ SBA Communications Corp	0.60	8.33	-17.36	Real Estate
⊕ Arthur J. Gallagher & Co	0.60	8.92	-3.31	Financial Services
⊕ Consolidated Edison Inc	0.59	9.51	13.31	Utilities
→ Dollar Tree Inc	0.58	10.09	10.91	Consumer Defensive

Total Holdings 380



# 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.

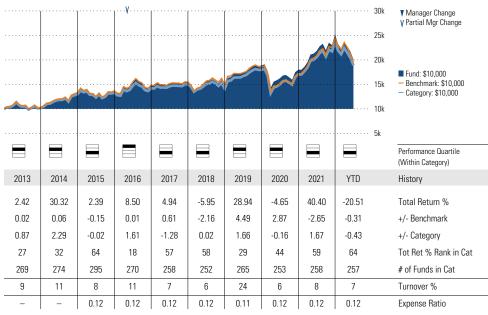
### **Morningstar Investment Management LLC Analysis**

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.

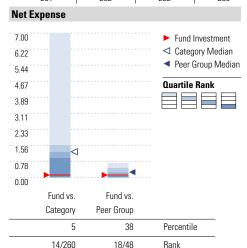
#### **ESG Metrics**

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







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

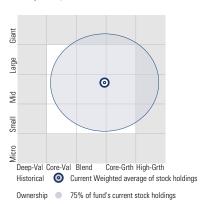
# **Morningstar Category**Real Estate S&P

### Morningstar Index

S&P United States REIT TR USD

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

Morningstar Style Box™



### Style Breakdown

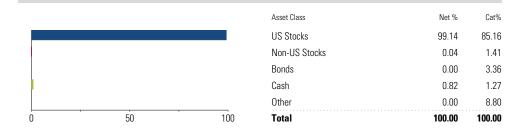
Equity

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 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.

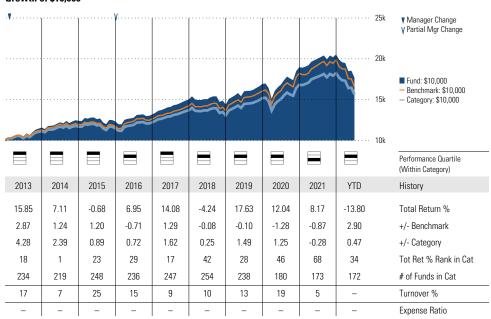
### **Morningstar Investment Management LLC Analysis**

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**

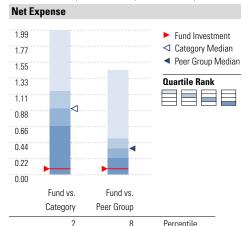
Metric	Rating	Updated
Sustainability Rating	3	05-31-2022
ESG Commitment	1-Low	02-15-2022

### 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



3/172

# Vanguard Target Retirement 2020 Fund VTWNX

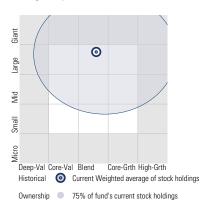
Quality High Mid

**Morningstar Category** Target-Date 2020

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

## Style Analysis as of 06-30-2022

Morningstar Style Box™





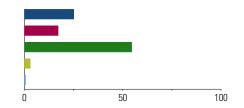
Equity				Fixed	Income	
19	28	27	Large			
6	9	5	Mid			
2	3	1	Small			
Value	Blend	Growth		Ltd	Mod	Ex

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.

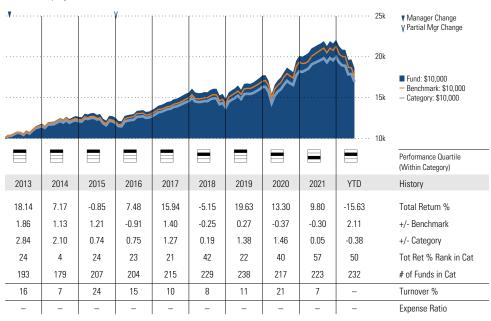
### **Morningstar Investment Management LLC Analysis**

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.

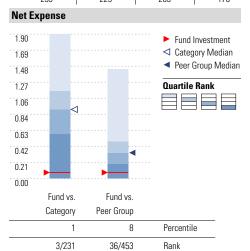
#### **ESG Metrics**

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

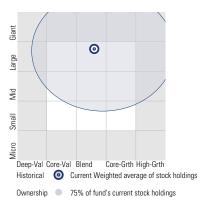
Quality High MidLow

Duration

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

## Style Analysis as of 06-30-2022

Morningstar Style Box™



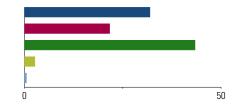
### Style Breakdown

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

Value Blend Growth

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

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



Asset Class Net % Cat% US Stocks 31.90 30.47 Non-US Stocks 21.64 15.59 Bonds 43.37 37.86 Cash 2.62 3.44 Other 0.47 12.65 100.00 Total 100.00

Sec	ctor Weighting as of 06-	30-2022			
		Fund	Bmark	Cat	Fund Fenchmark Category Average
ሁ	Cyclical	35.44	38.95	35.78	
A.	Basic Materials	5.19	4.56	4.53	
A	Consumer Cyclical	10.67	9.96	10.58	
æ	Financial Services	15.82	15.52	15.26	
侖	Real Estate	3.76	8.91	5.41	
W	Sensitive	42.40	38.40	41.30	
d	Communication Services	7.36	6.00	7.19	, T
•	Energy	5.26	4.62	4.82	
Ф	Industrials	10.77	10.94	10.29	
	Technology	19.01	16.84	19.00	
<b>→</b>	Defensive	22.15	22.64	22.93	
Ħ	Consumer Defensive	6.95	6.22	6.71	
+	Healthcare	12.13	13.09	12.99	
•	Utilities	3.07	3.33	3.23	
					0% 5 10 15 20 25 30 35 40 4

<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 Instl Pls	_	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 ldx 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.

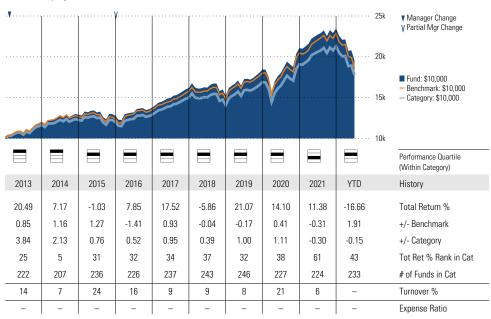
### **Morningstar Investment Management LLC Analysis**

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**

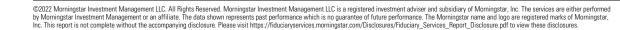


Net Exp	ense			
1.90				Fund Investment
1.69				Category Median
1.48				<ul> <li>Peer Group Median</li> </ul>
1.27				Quartile Rank
1.06	✓			
0.84				
0.63				
0.42			₹	
0.21				
0.00		1		
	Fund vs.	Fun	d vs.	
	Category	Peer G	roup	
	1		8	Percentile

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

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

Fund	Bmark	Cat
14.31	14.80	15.36
2.15	2.19	2.38
7.08	_	6.64
	14.31 2.15	14.31 14.80 2.15 2.19





# Vanguard Target Retirement 2030 Fund VTHRX

**Morningstar Category** Target-Date 2030

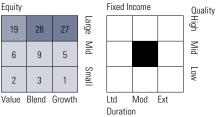
**Morningstar Index** Morningstar Lifetime Mod 2030 TR USD

## Style Analysis as of 06-30-2022

Morningstar Style Box™



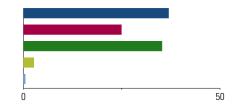
### Style Breakdown



Weight %

>50 25-50 10-25 0-10

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



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

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

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

### Total Holdings 6



## Vanguard Target Retirement 2035 Fund VTTHX

**Morningstar Category** Target-Date 2035

Morningstar Index Morningstar Lifetime Mod 2035 TR USD

### Portfolio Manager(s)

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

### Quantitative Screens

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

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

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

Net Expense: The fund's expense ratio of 0.08 is 88.41% lower than the Target-Date 2035 category average.

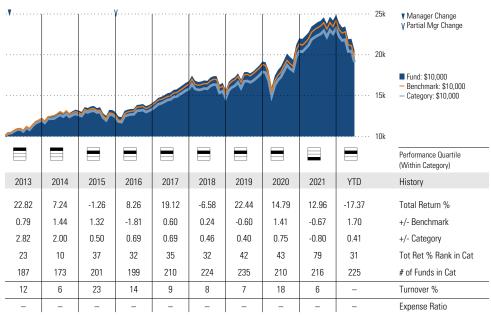
### **Morningstar Investment Management LLC Analysis**

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

#### **ESG Metrics**

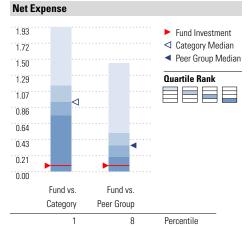
Metric	Rating	Updated
Sustainability Rating	3	05-31-2022
Carbon Risk Score	Low Risk	03-31-2022
ESG Commitment	1-Low	02-15-2022

### Growth of \$10,000



### **Trailing Performance**





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

Rank

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

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

M RNINGSTAR



# **Vanguard Target Retirement 2035 Fund** VTTHX

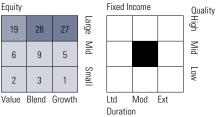
**Morningstar Index** Morningstar Lifetime Mod 2035 TR USD **Morningstar Category** Target-Date 2035

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

Morningstar Style Box™



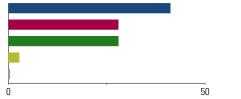
## Style Breakdown



Weight %

>50 25-50 10-25 0-10





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

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

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

### Total Holdings 6



## Vanguard Target Retirement 2040 Fund VFORX

**Morningstar Category** Target-Date 2040

Morningstar Index Morningstar Lifetime Mod 2040 TR USD

### Portfolio Manager(s)

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

### **Quantitative Screens**

Performance: The fund has finished in the Target-Date 2040 category's top three quartiles in 9 of the 10 years it's been in existence.

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

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

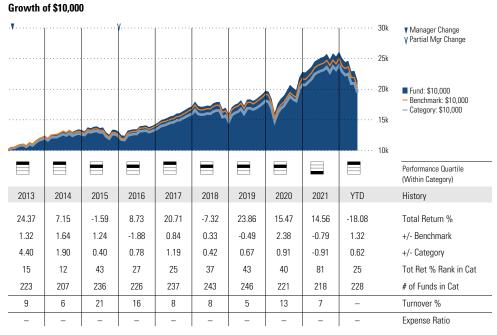
Net Expense: The fund's expense ratio of 0.08 is 88.57% lower than the Target-Date 2040 category average.

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

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

#### **ESG Metrics**

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



### **Trailing Performance**



Net Ex	pense		
1.95			Fund Investment
1.73			Category Median
1.52			<ul> <li>Peer Group Median</li> </ul>
1.30			Quartile Rank
1.08			
0.87			
0.65			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 manag	ement style (act	tive 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

Quality

High

**Morningstar Index** Morningstar Lifetime Mod 2040 TR USD **Morningstar Category** Target-Date 2040

Net %

45.54

30.85

20.53

2.83

0.25

100.00

Cat%

49.58

26.56

11.76

1.92

10.17

100.00

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

Morningstar Style Box™



### Style Breakdown

Equity 19 28



Value Blend Growth



Fixed Income

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



Asset Allocation as of 06-30-2022



10

25 30

50

Total

Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
_	46.15	46.15	_	_
_	31.60	77.75	_	-
_	14.60	92.35	_	_
_	6.36	98.71	_	_
-	1.29	100.00	-	_
_	0.00	100.01	-	_
	- - - - -	- 46.15 - 31.60 - 14.60 - 6.36 - 1.29	-       46.15       46.15         -       31.60       77.75         -       14.60       92.35         -       6.36       98.71         -       1.29       100.00	-       46.15       46.15       -         -       31.60       77.75       -         -       14.60       92.35       -         -       6.36       98.71       -         -       1.29       100.00       -

Total Holdings 6

## Vanguard Target Retirement 2045 Fund VTIVX

Morningstar Category Target-Date 2045 **Morningstar Index** Morningstar Lifetime Mod 2045 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
  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.
- 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.

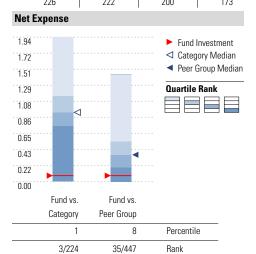
### **ESG Metrics**

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

## 

~~									10k	
										Performance Quartile (Within Category)
2013	2014	2015	2016	2017	2018	2019	2020	2021	YTD	History
24.37	7.16	-1.57	8.87	21.42	-7.90	24.94	16.30	16.16	-18.82	Total Return %
1.30	1.91	1.46	-1.97	0.89	0.27	-0.03	3.35	-0.20	0.76	+/- Benchmark
2.37	1.81	0.30	0.94	0.91	0.24	0.59	1.20	-0.47	0.47	+/- Category
26	12	42	28	26	43	43	36	68	26	Tot Ret % Rank in Cat
186	173	200	198	209	223	234	210	216	225	# of Funds in Cat
10	7	20	13	8	7	4	9	6	-	Turnover %

#### **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 5 year 10 year Since Inception 3 year -13.93 -15.29 5.89 6.80 8.97 7.51 Fund Return % -14.95 -16.28 4.53 6.03 8.28 6.97 Benchmark Return % -13 99 -15.63 5 40 8.31 6.36 Category Average % 31 33 28 30 19 % Rank in Category 226 222 200 173 86 # of Funds in Category



Peer gro	oup is a subset of the category and includes funds with the
same m	anagement style (active vs. passive) and similar share class
characte	prietice

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

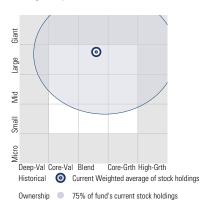
Quality High MidLow

**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

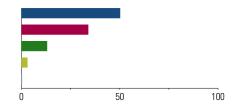
Equity

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**

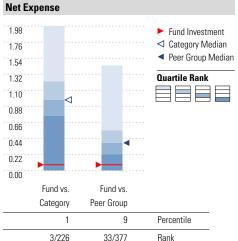
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

#### **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

## Style Breakdown

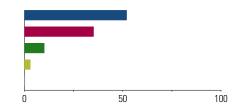
Equity 27 19 28 5 9 6

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

Sec	ctor Weighting as of 06-	30-2022			
		Fund	Bmark	Cat	Fund • Benchmark [] Category Average
<u></u>	Cyclical	35.45	38.94	36.04	
A	Basic Materials	5.19	5.05	4.60	
Д	Consumer Cyclical	10.67	10.35	10.86	
ø	Financial Services	15.83	16.10	15.46	)'
<b>fi</b>	Real Estate	3.76	7.44	5.12	i '
W	Sensitive	42.41	38.54	41.13	
0	Communication Services	7.35	6.02	7.17	•
•	Energy	5.27	4.78	4.71	
Ф	Industrials	10.77	11.37	10.42	0
	Technology	19.02	16.37	18.83	
<b>-</b>	Defensive	22.15	22.52	22.84	
Ħ	Consumer Defensive	6.94	6.42	6.58	
+	Healthcare	12.14	12.74	13.10	
•	Utilities	3.07	3.36	3.16	
					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	_	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.

Net Expense: The fund's expense ratio of 0.08 is 88.73% lower than the Target-Date 2055 category average.

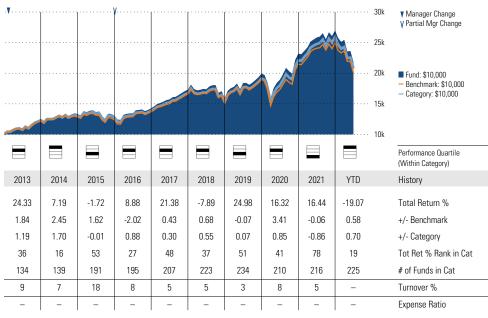
### **Morningstar Investment Management LLC Analysis**

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.

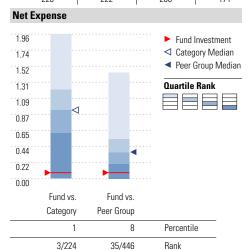
#### **ESG Metrics**

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







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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.46	_	0.97
Beta	0.94	_	0.96
R-Squared	99.07	_	98.23
Standard Deviation	16.65	17.60	17.00
Sharpe Ratio	0.39	0.31	0.36
Tracking Error	1.91	_	2.29
Information Ratio	0.70	_	0.41
Up Capture Ratio	98.79	_	99.50
Down Capture Ratio	92.55	_	95.53

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



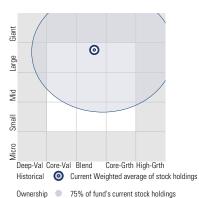
# **Vanguard Target Retirement 2055 Fund** VFFVX

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

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

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

Morningstar Style Box™



Equity 19 28



Value Blend Growth Weight %

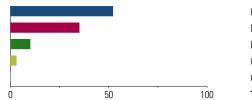
>50 25-50 10-25 0-10



## Style Breakdown



Asset Allocation as of 06-30-2022



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

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

<b>Top 6 Holdings</b> as of 06-30-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx InstI PIs	-	52.76	52.76	_	_
◆ Vanguard Total Intl Stock Index Inv	-	35.79	88.54	_	_
Ovanguard Total Bond Market II Idx Inv	_	6.99	95.53	_	_
Ovanguard Total Intl Bd II Idx Insl	_	3.16	98.70	_	_
⊕ Mktliq 12/31/2049	_	1.28	99.97	-	_
⊕ Us Dollar	_	0.03	100.00	_	_

### Total Holdings 6



## Vanguard Target Retirement 2060 Fund VTTSX

### Morningstar Category Target-Date 2060

### Morningstar Index

Morningstar Mod Tgt Risk TR USD

### Portfolio Manager(s)

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

### Quantitative Screens

- Performance: The fund has finished in the Target-Date 2060 category's top three quartiles in 8 of the 9 years it's been in existence.
- Management: The fund's management has been in place for 9.36 years.
- Net Expense: The fund's expense ratio of 0.08 is 88.73% lower than the Target-Date 2060 category average.

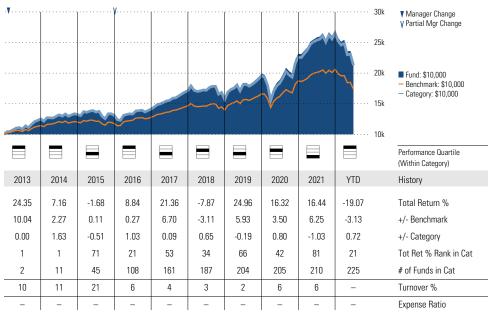
### **Morningstar Investment Management LLC Analysis**

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

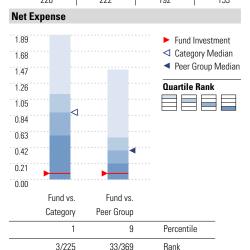
#### **ESG Metrics**

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

## Growth of \$10,000







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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.30	_	0.77
Beta	1.39	_	1.43
R-Squared	98.81	_	97.82
Standard Deviation	16.62	11.88	17.14
Sharpe Ratio	0.39	0.30	0.36
Tracking Error	4.98	_	5.69
Information Ratio	0.47	_	0.33
Up Capture Ratio	145.95	_	148.03
Down Capture Ratio	139.35	_	145.16

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



## Vanguard Target Retirement 2060 Fund VTTSX

Quality High Mid

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

Morningstar Mod Tgt Risk TR USD

## Style Analysis as of 06-30-2022

Morningstar Style Box™



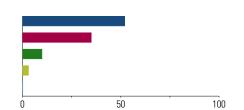
## Style Breakdown

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

Duration

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 06-30-2022

Total	100.00	100.00
Other	0.14	5.28
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%

,,,,	ctor Weighting as of 06-3				
		Fund	Bmark	Cat	Fund • Benchmark 🛘 Category Average
<b>Ն</b>	Cyclical	35.44	39.08	35.78	
•	Basic Materials	5.19	5.09	4.82	
<b>4</b>	Consumer Cyclical	10.67	10.08	10.98	
÷	Financial Services	15.82	16.47	15.28	
ŧ	Real Estate	3.76	7.44	4.70	
M	Sensitive	42.42	38.13	41.37	
	Communication Services	7.36	6.23	7.38	
0	Energy	5.26	4.89	4.79	
Ф	Industrials	10.76	10.93	10.34	0
	Technology	19.04	16.08	18.86	
<b>→</b>	Defensive	22.15	22.78	22.84	
=	Consumer Defensive	6.94	6.60	6.61	
٠	Healthcare	12.14	12.46	13.21	
•	Utilities	3.07	3.72	3.02	

<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 Pls	_	52.72	52.72	_	_
Vanguard Total Intl Stock Index Inv	_	35.81	88.53	_	-
○ Vanguard Total Bond Market II ldx Inv	_	6.95	95.48	_	_
○ Vanguard Total Intl Bd II Idx Insl	_	3.12	98.59	_	-
⊕ Mktliq 12/31/2049	-	1.40	99.99	-	_
<ul><li>─ Us Dollar</li></ul>	_	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.

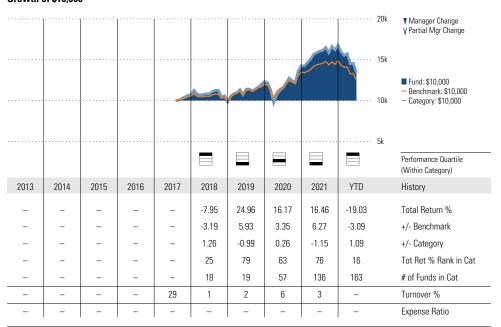
### **Morningstar Investment Management LLC Analysis**

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.

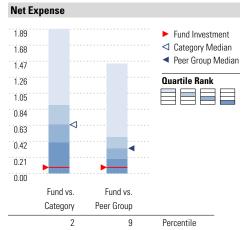
### **ESG Metrics**

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





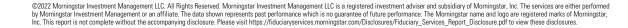


24/275 Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

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



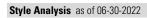


## Vanguard Target Retirement 2065 Fund VLXVX

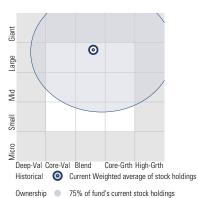
Quality High MidLow

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

Morningstar Mod Tgt Risk TR USD



Morningstar Style Box™

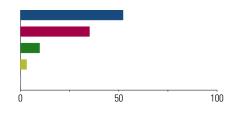


# Style Breakdown

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.

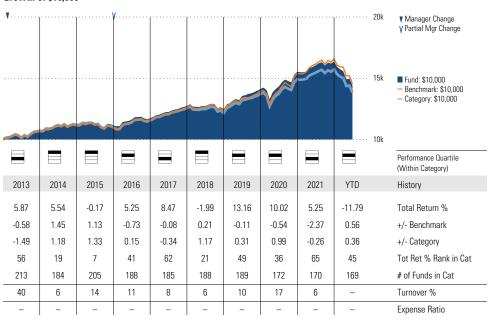
### **Morningstar Investment Management LLC Analysis**

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**

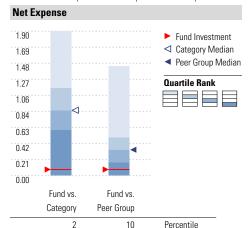
Metric	Rating	Updated
Sustainability Rating	3	05-31-2022
ESG Commitment	1-Low	02-15-2022

### Growth of \$10,000



### **Trailing Performance**



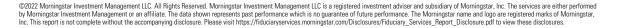


	3/168	38/380	Rank			
Peer group	is a subset of the	category and in	ncludes funds with the			
same management style (active vs. passive) and similar share class						
charactorie	tice					

Rank

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

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





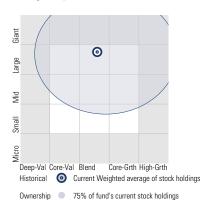
# **Vanguard Target Retirement Income Fund** VTINX

Quality High

**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

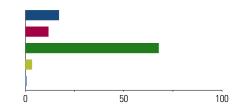
Equity				Fixed	Income
19	28	27	Large		
6	9	5	Mid		
2	3	1	Small		
Value	Blend	Growth		Ltd	Mod

MidLow Mod 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%

		Fund	Bmark	Cat	Fund • Benchmark [ Category Average	
وا	Cyclical	35.49	38.93	37.71		
ì.	Basic Materials	5.21	4.23	4.30		
•	Consumer Cyclical	10.66	9.72	10.14		
<u></u>	Financial Services	15.86	15.15	14.78	<u> </u>	
à	Real Estate	3.76	9.83	8.49		
ŲF	Sensitive	42.38	38.35	40.02		
	Communication Services	7.35	6.01	6.98		
	Energy	5.28	4.48	4.71	<b>—</b>	
Þ	Industrials	10.76	10.61	9.87	<b>□</b>	
1	Technology	18.99	17.25	18.46		
+	Defensive	22.13	22.74	22.28		
Ţ	Consumer Defensive	6.93	6.09	6.77		
ř	Healthcare	12.14	13.34	12.31		
1	Utilities	3.06	3.31	3.20		

<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	_	_
⊕ Vanguard Total Stock Mkt Idx Instl Pls	_	17.16	53.86	_	-
	_	16.93	70.80	_	-
⊕ 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